

Versicherungsbarwerte für Leibrenten

Tabellen zur jährlich und monatlich vorschüssigen
Zahlungsweise



2018/2020

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Erläuterungen zu den Kommutationszahlen und Versicherungsbarwerten für Leibrenten 2018/2020

1 Einführung

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

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

Zu beachten ist, dass die hier veröffentlichten Versicherungsbarwerte auf der gegenwärtig gültigen Sterbetafel 2018/20 basieren. Bei dieser Sterbetafel handelt es sich um eine sogenannte Periodensterbetafel, welche die Sterblichkeitsverhältnisse für einen bestimmten Betrachtungszeitraum (hier: 2018/20) angibt. Eine mögliche Veränderung der Sterblichkeitsverhältnisse in den kommenden Jahren wird dabei nicht berücksichtigt.

Es gilt:

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

l_x Überlebende im Alter x (Absterbeordnung)

i Zinsfuß

ω höchstes in der Sterbetafel von den Überlebenden erreichbares Alter ($l_\omega > 0, l_{\omega+1} = 0$)
(in 2018/2020: Männer 110 Jahre und Frauen 112 Jahre)

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

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

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

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

2 Formeln für gebräuchliche Versicherungsbarwerte

2.1 Sofort beginnende lebenslängliche Leibrente

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

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

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

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

2.2 Aufgeschobene Leibrente

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

2.3 Temporäre Leibrente

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

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

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

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

2.4 Aufgeschobene temporäre Leibrente

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

Vorschüssige Zahlung:

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

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

Nachschüssige Zahlung:

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

3 Rechenbeispiele

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

3.1 Jährlich vorschüssig zahlbare Leibrente

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

Der Barwert \ddot{a}_y einer sofort beginnenden und lebenslänglich, jährlich vorschüssig zahlbaren Leibrente beträgt für 70-jährige Frauen bei einem Zinsfuß von 5 % 11,476.

Es gilt:

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

Demnach beläuft sich die jährlich vorschüssig zahlbare Leibrente auf 17 427,68 Euro:

$$\text{Rentenbetrag} = \frac{200\,000}{11,476} = 17\,427,68$$

3.2 Monatlich vorschüssig zahlbare Leibrente

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

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

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

Mit dem Barwert von 11,476 (jährlich vorschüssig; siehe Beispiel 3.1) errechnet sich dieser bei einer monatlich vorschüssig zahlbaren Leibrente bei einem Zinsfuß von 5 % wie folgt:

$${}^{(12)}\ddot{a}_{70} = 11,476 - 0,4664 = 11,009$$

Wird wieder der Kaufpreis von 200 000 Euro zugrunde gelegt, dann beläuft sich die monatlich vorschüssig zahlbare Leibrente auf 1 513,91 Euro:

$$\text{Rentenbetrag} = \frac{\text{Kaufpreis}}{{}^{(m)}\ddot{a}_y \cdot m} = \frac{200\,000}{11,009 \cdot 12} = 1\,513,91$$

3.3 Aufgeschobene Leibrente

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

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

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

Damit ergibt sich für eine 70-jährige Frau bei einer Verzinsung von 5 % und einer nach $n=5$ Jahren beginnenden Zahlung ein Barwert von 7,048:

$${}_5\ddot{a}_{70} = \frac{2\,090,823}{2\,881,609} \cdot 9,713 = 7,048$$

Folglich beträgt bei einem Kaufpreis von 200 000 Euro die um 5 Jahre aufgeschobene, jährlich vorschüssig zahlbare Leibrente 28 376,84 Euro:

$$\text{Rentenbetrag} = \frac{200\,000}{7,048} = 28\,376,84$$

3.4 Temporäre Leibrente

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

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

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

Somit beträgt der Barwert 10,885 für eine 70-jährige Frau bei einer Verzinsung von 5 % und einer Laufzeit von 20 Jahren bei einer sofort beginnenden Zahlung:

$$\ddot{a}_{70:20} = \frac{33\,068,621 - 1\,703,080}{2\,881,609} = 10,885$$

Bei einem Kaufpreis von 200 000 Euro ergibt sich für die 70-jährige Eigentümerin eine jährlich vorschüssig zahlbare Leibrente von 18 373,91 Euro bis zum Alter von 90 Jahren:

$$\text{Rentenbetrag} = \frac{200\,000}{10,885} = 18\,373,91$$

3.5 Kaufpreis einer Leibrente

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

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

Die 70-jährige Eigentümerin möchte eine jährlich vorschüssig zahlbare Leibrente von 24 000 Euro erhalten. Bei einem Kaufpreis von 200 000 Euro wären es derzeit jedoch nur 17 427,68 Euro (siehe 3.1). Mit dem Barwert von 11,476 einer sofort beginnenden und lebenslänglich, jährlich vorschüssig zahlbaren Leibrente (Verzinsung 5 %) müsste sie also 275 424 Euro aufbringen.

$$\text{Kaufpreis} = 24\,000 \cdot 11,476 = 275\,424$$

Um eine monatlich vorschüssig zahlbare Leibrente von 2 000 Euro zu erhalten, wären hingegen 264 216 Euro notwendig:

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

$$\text{Kaufpreis} = 2\,000 \cdot 11,009 \cdot 12 = 264\,216$$

3.6 Leibrente auf das Leben zweier Personen

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

Für die Berechnung der Verbindungsrenten wird ergänzend folgende Symbolik verwendet:

x Alter des Mannes

y Alter der Frau

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

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

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

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

F_x Höhe des Übergangs der Leibrente an den Mann

F_y Höhe des Übergangs der Leibrente an die Frau

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

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

Beispiel:

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

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

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

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

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

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

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

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

Bei einem Zinsfuß 5 % ergibt sich ein Kaufpreis von 384 280,80 Euro:

$$384\,280,80 = 2\,000 \cdot 12 \cdot (1,000 \cdot 13,918 + 0,700 \cdot 16,137 - 0,700 \cdot 13,146)$$

Sollte jedoch eine jährlich vorschüssige Leibrentenzahlung von 24 000 Euro erfolgen, dann würde sich der Kaufpreis auf 395 488,80 Euro erhöhen:

$$395\,488,80 = 24\,000 \cdot (1,000 \cdot 14,385 + 0,700 \cdot 16,604 - 0,700 \cdot 13,613)$$

Der Mann hat durch seine frühzeitig verstorbene Großmutter ein Haus im Wert von 200 000 Euro geerbt, welches für die monatlich vorschüssige Leibrente eingesetzt werden soll. Wird die obige Formel nach dem Rentenbetrag umgeformt (siehe auch 3.1), dann ergibt sich für die beiden eine monatlich vorschüssig zahlbare Leibrente von 1 040,91 Euro. Jährlich vorschüssig würde die Leibrente 12 136,88 Euro betragen.

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

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

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

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

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

4 Schlussbemerkung

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

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

5 Anhang

Reduktionsfaktor für vorschüssige monatliche Zahlungsweise

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

6 Literaturhinweise

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

Statistisches Bundesamt. *Sterbetafel 2018/2020 – Ergebnisse aus der laufenden Berechnung von Periodensterbetafeln für Deutschland und die Bundesländer. 2021.*

Verfügbar unter: www.destatis.de

Statistisches Bundesamt. *Sterbetafel 2018/2020 – Methoden- und Ergebnisbericht zur laufenden Berechnung von Periodensterbetafel für Deutschland und die Bundesländer. 2021.*

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Sterbetafel 2018/2020

Sterbetafel 2018/2020

Deutschland

Männlich

Vollendetes Alter in Jahren	Sterbe- Überlebens- wahrscheinlichkeit vom Alter x bis x+1 ¹		Überlebende im Alter x	Gestorbene im Alter x bis unter x+1	Von den Überlebenden im Alter x bis zum Alter x+1 noch zu durchlebte Jahre		Durchschnittliche Lebenserwartung im Alter x in Jahren
	q _x	p _x			L _x	T _x	
0	0,00338598	0,99661402	100 000	339	99 707	7 863 504	78,64
1	0,00024167	0,99975833	99 661	24	99 649	7 763 797	77,90
2	0,00013302	0,99986698	99 637	13	99 631	7 664 148	76,92
3	0,00011854	0,99988146	99 624	12	99 618	7 564 517	75,93
4	0,00011410	0,99988590	99 612	11	99 607	7 464 899	74,94
5	0,00009088	0,99990912	99 601	9	99 596	7 365 293	73,95
6	0,00009004	0,99990996	99 592	9	99 587	7 265 696	72,95
7	0,00009718	0,99990282	99 583	10	99 578	7 166 109	71,96
8	0,00007616	0,99992384	99 573	8	99 569	7 066 531	70,97
9	0,00008027	0,99991973	99 566	8	99 562	6 966 961	69,97
10	0,00007447	0,99992553	99 558	7	99 554	6 867 400	68,98
11	0,00006911	0,99993089	99 550	7	99 547	6 767 846	67,98
12	0,00008853	0,99991147	99 543	9	99 539	6 668 299	66,99
13	0,00009293	0,99990707	99 535	9	99 530	6 568 760	65,99
14	0,00012354	0,99987646	99 525	12	99 519	6 469 230	65,00
15	0,00015542	0,99984458	99 513	15	99 505	6 369 711	64,01
16	0,00022867	0,99977133	99 497	23	99 486	6 270 206	63,02
17	0,00026664	0,99973336	99 475	27	99 461	6 170 720	62,03
18	0,00038601	0,99961399	99 448	38	99 429	6 071 258	61,05
19	0,00040352	0,99959648	99 410	40	99 390	5 971 829	60,07
20	0,00041264	0,99958736	99 370	41	99 349	5 872 440	59,10
21	0,00040446	0,99959554	99 329	40	99 309	5 773 090	58,12
22	0,00041923	0,99958077	99 289	42	99 268	5 673 782	57,14
23	0,00042020	0,99957980	99 247	42	99 226	5 574 514	56,17
24	0,00045806	0,99954194	99 205	45	99 182	5 475 288	55,19
25	0,00044168	0,99955832	99 160	44	99 138	5 376 105	54,22
26	0,00044066	0,99955934	99 116	44	99 094	5 276 968	53,24
27	0,00044974	0,99955026	99 072	45	99 050	5 177 873	52,26
28	0,00046253	0,99953747	99 028	46	99 005	5 078 823	51,29
29	0,00049334	0,99950666	98 982	49	98 958	4 979 819	50,31
30	0,00052810	0,99947190	98 933	52	98 907	4 880 861	49,33
31	0,00057364	0,99942636	98 881	57	98 852	4 781 954	48,36
32	0,00061090	0,99938910	98 824	60	98 794	4 683 102	47,39
33	0,00070110	0,99929890	98 764	69	98 729	4 584 308	46,42
34	0,00070275	0,99929725	98 695	69	98 660	4 485 578	45,45
35	0,00075499	0,99924501	98 625	74	98 588	4 386 919	44,48
36	0,00088311	0,99911689	98 551	87	98 507	4 288 331	43,51
37	0,00099755	0,99900245	98 464	98	98 415	4 189 824	42,55
38	0,00101604	0,99898396	98 365	100	98 315	4 091 409	41,59
39	0,00115463	0,99884537	98 266	113	98 209	3 993 093	40,64
40	0,00123757	0,99876243	98 152	121	98 091	3 894 885	39,68
41	0,00145076	0,99854924	98 031	142	97 959	3 796 793	38,73
42	0,00141460	0,99858540	97 888	138	97 819	3 698 834	37,79
43	0,00159468	0,99840532	97 750	156	97 672	3 601 015	36,84
44	0,00173383	0,99826617	97 594	169	97 509	3 503 343	35,90
45	0,00187935	0,99812065	97 425	183	97 333	3 405 833	34,96
46	0,00206272	0,99793728	97 242	201	97 141	3 308 500	34,02
47	0,00233160	0,99766840	97 041	226	96 928	3 211 359	33,09
48	0,00262439	0,99737561	96 815	254	96 688	3 114 431	32,17
49	0,00293679	0,99706321	96 561	284	96 419	3 017 743	31,25

Sterbetafel 2018/2020

Deutschland

Männlich

Vollendetes Alter in Jahren	Überlebens-		Überlebende im Alter x	Gestorbene im Alter x bis unter x+1	Von den Überlebenden im Alter x bis zum Alter x+1 durchlebte		Durchschnittliche Lebenserwartung im Alter x in Jahren
	Sterbewahrscheinlichkeit vom Alter x bis x+1 ¹	p _x			insgesamt noch zu durchlebende Jahre	T _x	
x	q _x	p _x	l _x	d _x	L _x	T _x	e _x
50	0,00321336	0,99678664	96 277	309	96 123	2 921 324	30,34
51	0,00357793	0,99642207	95 968	343	95 796	2 825 202	29,44
52	0,00399596	0,99600404	95 624	382	95 433	2 729 405	28,54
53	0,00451394	0,99548606	95 242	430	95 027	2 633 972	27,66
54	0,00500835	0,99499165	94 812	475	94 575	2 538 945	26,78
55	0,00568675	0,99431325	94 338	536	94 069	2 444 370	25,91
56	0,00633379	0,99366621	93 801	594	93 504	2 350 300	25,06
57	0,00706957	0,99293043	93 207	659	92 878	2 256 796	24,21
58	0,00772391	0,99227609	92 548	715	92 191	2 163 919	23,38
59	0,00868965	0,99131035	91 833	798	91 434	2 071 728	22,56
60	0,00955425	0,99044575	91 035	870	90 600	1 980 294	21,75
61	0,01059291	0,98940709	90 165	955	89 688	1 889 694	20,96
62	0,01175333	0,98824667	89 210	1 049	88 686	1 800 006	20,18
63	0,01295467	0,98704533	88 162	1 142	87 591	1 711 320	19,41
64	0,01413325	0,98586675	87 020	1 230	86 405	1 623 729	18,66
65	0,01535203	0,98464797	85 790	1 317	85 131	1 537 324	17,92
66	0,01679946	0,98320054	84 473	1 419	83 763	1 452 193	17,19
67	0,01808023	0,98191977	83 054	1 502	82 303	1 368 429	16,48
68	0,01963845	0,98036155	81 552	1 602	80 751	1 286 127	15,77
69	0,02108274	0,97891726	79 951	1 686	79 108	1 205 375	15,08
70	0,02251099	0,97748901	78 265	1 762	77 384	1 126 268	14,39
71	0,02493781	0,97506219	76 503	1 908	75 549	1 048 884	13,71
72	0,02628348	0,97371652	74 595	1 961	73 615	973 334	13,05
73	0,02883007	0,97116993	72 635	2 094	71 588	899 719	12,39
74	0,03118360	0,96881640	70 541	2 200	69 441	828 132	11,74
75	0,03423877	0,96576123	68 341	2 340	67 171	758 691	11,10
76	0,03744739	0,96255261	66 001	2 472	64 765	691 520	10,48
77	0,04026193	0,95973807	63 529	2 558	62 251	626 755	9,87
78	0,04472022	0,95527978	60 972	2 727	59 608	564 504	9,26
79	0,04947311	0,95052689	58 245	2 882	56 804	504 896	8,67
80	0,05578546	0,94421454	55 363	3 088	53 819	448 092	8,09
81	0,06220094	0,93779906	52 275	3 252	50 649	394 273	7,54
82	0,06940070	0,93059930	49 023	3 402	47 322	343 624	7,01
83	0,07899905	0,92100095	45 621	3 604	43 819	296 301	6,49
84	0,08957941	0,91042059	42 017	3 764	40 135	252 482	6,01
85	0,10190990	0,89809010	38 253	3 898	36 304	212 347	5,55
86	0,11467171	0,88532829	34 355	3 940	32 385	176 043	5,12
87	0,12903216	0,87096784	30 415	3 925	28 453	143 658	4,72
88	0,14673155	0,85326845	26 491	3 887	24 547	115 205	4,35
89	0,16518811	0,83481189	22 604	3 734	20 737	90 658	4,01
90	0,18338678	0,81661322	18 870	3 460	17 140	69 921	3,71
91	0,20068362	0,79931638	15 409	3 092	13 863	52 781	3,43
92	0,22393832	0,77606168	12 317	2 758	10 938	38 918	3,16
93	0,24494661	0,75505339	9 559	2 341	8 388	27 980	2,93
94	0,26990089	0,73009911	7 217	1 948	6 243	19 592	2,71
95	0,29091620	0,70908380	5 269	1 533	4 503	13 349	2,53
96	0,31455793	0,68544207	3 736	1 175	3 149	8 846	2,37
97	0,33294425	0,66705575	2 561	853	2 135	5 697	2,22
98	0,35202627	0,64797373	1 708	601	1 408	3 563	2,09
99	0,38070530	0,61929470	1 107	421	896	2 155	1,95
100	0,40312153	0,59687847	686	276	547	1 259	1,84

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

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Deutschland

Weiblich

Vollendetes Alter in Jahren	Sterbe- Überlebens- wahrscheinlichkeit vom Alter x bis x+1 ¹		Überlebende im Alter x	Gestorbene im Alter x bis unter x+1	Von den Überlebenden im Alter x bis zum Alter x+1 noch zu durchlebende Jahre		Durchschnittliche Lebenserwartung im Alter x in Jahren
	q _x	p _x			L _x	T _x	
0	0,00289187	0,99710813	100 000	289	99 749	8 340 124	83,40
1	0,00022241	0,99977759	99 711	22	99 700	8 240 375	82,64
2	0,00013140	0,99986860	99 689	13	99 682	8 140 675	81,66
3	0,00009970	0,99990030	99 676	10	99 671	8 040 993	80,67
4	0,00009205	0,99990795	99 666	9	99 661	7 941 323	79,68
5	0,00006794	0,99993206	99 656	7	99 653	7 841 662	78,69
6	0,00007302	0,99992698	99 650	7	99 646	7 742 009	77,69
7	0,00004763	0,99995237	99 642	5	99 640	7 642 363	76,70
8	0,00007207	0,99992793	99 638	7	99 634	7 542 723	75,70
9	0,00005315	0,99994685	99 630	5	99 628	7 443 089	74,71
10	0,00005559	0,99994441	99 625	6	99 622	7 343 461	73,71
11	0,00007690	0,99992310	99 620	8	99 616	7 243 838	72,71
12	0,00006320	0,99993680	99 612	6	99 609	7 144 223	71,72
13	0,00007904	0,99992096	99 606	8	99 602	7 044 614	70,73
14	0,00009225	0,99990775	99 598	9	99 593	6 945 012	69,73
15	0,00011577	0,99988423	99 589	12	99 583	6 845 419	68,74
16	0,00012784	0,99987216	99 577	13	99 571	6 745 836	67,74
17	0,00012965	0,99987035	99 564	13	99 558	6 646 265	66,75
18	0,00016232	0,99983768	99 551	16	99 543	6 546 707	65,76
19	0,00016437	0,99983563	99 535	16	99 527	6 447 164	64,77
20	0,00016368	0,99983632	99 519	16	99 511	6 347 637	63,78
21	0,00016980	0,99983020	99 503	17	99 494	6 248 126	62,79
22	0,00016778	0,99983222	99 486	17	99 477	6 148 632	61,80
23	0,00016356	0,99983644	99 469	16	99 461	6 049 155	60,81
24	0,00016427	0,99983573	99 453	16	99 445	5 949 694	59,82
25	0,00019441	0,99980559	99 436	19	99 427	5 850 249	58,83
26	0,00017824	0,99982176	99 417	18	99 408	5 750 822	57,85
27	0,00020975	0,99979025	99 399	21	99 389	5 651 414	56,86
28	0,00023799	0,99976201	99 379	24	99 367	5 552 025	55,87
29	0,00024676	0,99975324	99 355	25	99 343	5 452 659	54,88
30	0,00028279	0,99971721	99 330	28	99 316	5 353 316	53,89
31	0,00032200	0,99967800	99 302	32	99 286	5 254 000	52,91
32	0,00033591	0,99966409	99 270	33	99 254	5 154 713	51,93
33	0,00035023	0,99964977	99 237	35	99 220	5 055 460	50,94
34	0,00038179	0,99961821	99 202	38	99 183	4 956 240	49,96
35	0,00046694	0,99953306	99 164	46	99 141	4 857 057	48,98
36	0,00047686	0,99952314	99 118	47	99 094	4 757 916	48,00
37	0,00050493	0,99949507	99 071	50	99 046	4 658 821	47,03
38	0,00055411	0,99944589	99 021	55	98 993	4 559 776	46,05
39	0,00065065	0,99934935	98 966	64	98 934	4 460 782	45,07
40	0,00063313	0,99936687	98 901	63	98 870	4 361 849	44,10
41	0,00073294	0,99926706	98 839	72	98 803	4 262 978	43,13
42	0,00080685	0,99919315	98 766	80	98 727	4 164 176	42,16
43	0,00089569	0,99910431	98 687	88	98 643	4 065 449	41,20
44	0,00094585	0,99905415	98 598	93	98 552	3 966 807	40,23
45	0,00107566	0,99892434	98 505	106	98 452	3 868 255	39,27
46	0,00118419	0,99881581	98 399	117	98 341	3 769 803	38,31
47	0,00129937	0,99870063	98 283	128	98 219	3 671 462	37,36
48	0,00151711	0,99848289	98 155	149	98 080	3 573 243	36,40
49	0,00168407	0,99831593	98 006	165	97 923	3 475 163	35,46

Sterbetafel 2018/2020

Deutschland

Weiblich

Vollendetes Alter in Jahren	Sterbe- Überlebens- wahrscheinlichkeit vom Alter x bis x+1 ¹		Überlebende im Alter x	Gestorbene im Alter x bis unter x+1	Von den Überlebenden im Alter x bis zum Alter x+1 durchlebte		Durchschnittliche Lebenserwartung im Alter x in Jahren
	q _x	p _x			insgesamt noch zu durchlebende Jahre	T _x	
50	0,00184390	0,99815610	97 841	180	97 751	3 377 240	34,52
51	0,00207651	0,99792349	97 661	203	97 559	3 279 489	33,58
52	0,00220442	0,99779558	97 458	215	97 350	3 181 930	32,65
53	0,00247858	0,99752142	97 243	241	97 122	3 084 579	31,72
54	0,00275427	0,99724573	97 002	267	96 868	2 987 457	30,80
55	0,00311238	0,99688762	96 735	301	96 584	2 890 589	29,88
56	0,00338159	0,99661841	96 434	326	96 271	2 794 005	28,97
57	0,00375629	0,99624371	96 108	361	95 927	2 697 734	28,07
58	0,00417358	0,99582642	95 747	400	95 547	2 601 807	27,17
59	0,00463446	0,99536554	95 347	442	95 126	2 506 260	26,29
60	0,00512681	0,99487319	94 905	487	94 662	2 411 134	25,41
61	0,00558618	0,99441382	94 418	527	94 155	2 316 473	24,53
62	0,00612191	0,99387809	93 891	575	93 604	2 222 318	23,67
63	0,00676019	0,99323981	93 316	631	93 001	2 128 714	22,81
64	0,00740880	0,99259120	92 685	687	92 342	2 035 714	21,96
65	0,00801369	0,99198631	91 999	737	91 630	1 943 371	21,12
66	0,00875776	0,99124224	91 261	799	90 862	1 851 741	20,29
67	0,00935793	0,99064207	90 462	847	90 039	1 760 880	19,47
68	0,01020397	0,98979603	89 616	914	89 158	1 670 841	18,64
69	0,01154629	0,98845371	88 701	1 024	88 189	1 581 682	17,83
70	0,01255177	0,98744823	87 677	1 101	87 127	1 493 493	17,03
71	0,01381449	0,98618551	86 577	1 196	85 979	1 406 366	16,24
72	0,01494790	0,98505210	85 381	1 276	84 742	1 320 388	15,46
73	0,01673605	0,98326395	84 104	1 408	83 401	1 235 645	14,69
74	0,01819212	0,98180788	82 697	1 504	81 945	1 152 245	13,93
75	0,02011999	0,97988001	81 192	1 634	80 375	1 070 300	13,18
76	0,02214882	0,97785118	79 559	1 762	78 678	989 925	12,44
77	0,02393844	0,97606156	77 797	1 862	76 865	911 247	11,71
78	0,02720749	0,97279251	75 934	2 066	74 901	834 382	10,99
79	0,03080839	0,96919161	73 868	2 276	72 730	759 480	10,28
80	0,03526151	0,96473849	71 592	2 524	70 330	686 750	9,59
81	0,04041529	0,95958471	69 068	2 791	67 672	616 420	8,92
82	0,04700229	0,95299771	66 277	3 115	64 719	548 747	8,28
83	0,05519587	0,94480413	63 161	3 486	61 418	484 028	7,66
84	0,06378801	0,93621199	59 675	3 807	57 772	422 610	7,08
85	0,07369375	0,92630625	55 869	4 117	53 810	364 838	6,53
86	0,08527851	0,91472149	51 751	4 413	49 545	311 028	6,01
87	0,09909476	0,90090524	47 338	4 691	44 993	261 483	5,52
88	0,11330404	0,88669596	42 647	4 832	40 231	216 490	5,08
89	0,12880623	0,87119377	37 815	4 871	35 380	176 259	4,66
90	0,14711703	0,85288297	32 944	4 847	30 521	140 880	4,28
91	0,16592819	0,83407181	28 098	4 662	25 767	110 359	3,93
92	0,18794579	0,81205421	23 435	4 405	21 233	84 592	3,61
93	0,20945878	0,79054122	19 031	3 986	17 038	63 359	3,33
94	0,22945649	0,77054351	15 045	3 452	13 319	46 321	3,08
95	0,25425365	0,74574635	11 593	2 947	10 119	33 003	2,85
96	0,27931281	0,72068719	8 645	2 415	7 438	22 884	2,65
97	0,29474042	0,70525958	6 230	1 836	5 312	15 446	2,48
98	0,31902373	0,68097627	4 394	1 402	3 693	10 134	2,31
99	0,34325521	0,65674479	2 992	1 027	2 479	6 440	2,15
100	0,36714934	0,63285066	1 965	722	1 604	3 962	2,02

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

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

Notation

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

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 1,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	5 455 100,639	54,551	54,091	0	100 000	100 000,000	5 677 584,442	56,776	56,316
1	99 661	98 674,656	5 355 100,639	54,270	53,810	1	99 711	98 723,577	5 577 584,442	56,497	56,037
2	99 637	97 674,068	5 256 425,983	53,816	53,356	2	99 689	97 724,376	5 478 860,865	56,064	55,604
3	99 624	96 694,134	5 158 751,915	53,351	52,891	3	99 676	96 744,094	5 381 136,489	55,622	55,162
4	99 612	95 725,418	5 062 057,781	52,881	52,421	4	99 666	95 776,681	5 284 392,396	55,174	54,714
5	99 601	94 766,827	4 966 332,364	52,406	51,946	5	99 656	94 819,668	5 188 615,714	54,721	54,261
6	99 592	93 820,014	4 871 565,537	51,925	51,465	6	99 650	93 874,481	5 093 796,046	54,262	53,802
7	99 583	92 882,739	4 777 745,522	51,438	50,978	7	99 642	92 938,244	4 999 921,565	53,798	53,338
8	99 573	91 954,171	4 684 862,783	50,948	50,488	8	99 638	92 013,681	4 906 983,320	53,329	52,869
9	99 566	91 036,800	4 592 908,612	50,451	49,991	9	99 630	91 096,089	4 814 969,639	52,856	52,396
10	99 558	90 128,210	4 501 871,813	49,950	49,490	10	99 625	90 189,354	4 723 873,550	52,377	51,917
11	99 550	89 229,207	4 411 743,603	49,443	48,983	11	99 620	89 291,425	4 633 684,197	51,894	51,434
12	99 543	88 339,643	4 322 514,396	48,931	48,471	12	99 612	88 400,553	4 544 392,771	51,407	50,947
13	99 535	87 457,250	4 234 174,753	48,414	47,954	13	99 606	87 519,769	4 455 992,218	50,914	50,454
14	99 525	86 583,290	4 146 717,502	47,893	47,433	14	99 598	86 646,387	4 368 472,450	50,417	49,957
15	99 513	85 715,439	4 060 134,212	47,368	46,908	15	99 589	85 780,588	4 281 826,063	49,916	49,456
16	99 497	84 853,582	3 974 418,772	46,839	46,379	16	99 577	84 921,443	4 196 045,474	49,411	48,951
17	99 475	83 994,236	3 889 565,191	46,308	45,848	17	99 564	84 069,888	4 111 124,032	48,901	48,441
18	99 448	83 140,435	3 805 570,955	45,773	45,313	18	99 551	83 226,720	4 027 054,144	48,387	47,927
19	99 410	82 285,488	3 722 430,520	45,238	44,778	19	99 535	82 389,318	3 943 827,424	47,868	47,408
20	99 370	81 437,905	3 640 145,032	44,698	44,238	20	99 519	81 560,174	3 861 438,106	47,345	46,885
21	99 329	80 598,317	3 558 707,127	44,154	43,694	21	99 503	80 739,430	3 779 877,932	46,816	46,356
22	99 289	79 768,038	3 478 108,810	43,603	43,143	22	99 486	79 926,456	3 699 138,502	46,282	45,822
23	99 247	78 945,146	3 398 340,772	43,047	42,587	23	99 469	79 121,828	3 619 212,046	45,742	45,282
24	99 205	78 130,666	3 319 395,626	42,485	42,025	24	99 453	78 325,630	3 540 090,218	45,197	44,737
25	99 160	77 321,661	3 241 264,960	41,919	41,459	25	99 436	77 537,390	3 461 764,588	44,646	44,186
26	99 116	76 522,287	3 163 943,299	41,347	40,887	26	99 417	76 754,768	3 384 227,198	44,091	43,631
27	99 072	75 731,254	3 087 421,012	40,768	40,308	27	99 399	75 981,274	3 307 472,430	43,530	43,070
28	99 028	74 947,717	3 011 689,759	40,184	39,724	28	99 379	75 213,206	3 231 491,155	42,964	42,504
29	98 982	74 171,338	2 936 742,042	39,594	39,134	29	99 355	74 450,798	3 156 277,950	42,394	41,934
30	98 933	73 400,739	2 862 570,704	38,999	38,539	30	99 330	73 695,471	3 081 827,152	41,818	41,358
31	98 881	72 635,620	2 789 169,964	38,399	37,939	31	99 302	72 945,179	3 008 131,681	41,238	40,778
32	98 824	71 875,202	2 716 534,344	37,795	37,335	32	99 270	72 199,694	2 935 186,502	40,654	40,194
33	98 764	71 120,092	2 644 659,143	37,186	36,726	33	99 237	71 460,833	2 862 986,808	40,064	39,604
34	98 695	70 366,564	2 573 539,050	36,573	36,113	34	99 202	70 728,520	2 791 525,975	39,468	39,008
35	98 625	69 620,905	2 503 172,486	35,954	35,494	35	99 164	70 001,501	2 720 797,455	38,868	38,408
36	98 551	68 879,546	2 433 551,581	35,331	34,871	36	99 118	69 276,055	2 650 795,954	38,264	37,804
37	98 464	68 137,344	2 364 672,035	34,704	34,245	37	99 071	68 557,445	2 581 519,899	37,655	37,195
38	98 365	67 395,420	2 296 534,690	34,076	33,616	38	99 021	67 844,385	2 512 962,454	37,040	36,580
39	98 266	66 660,340	2 229 139,270	33,440	32,980	39	98 966	67 135,437	2 445 118,069	36,421	35,961
40	98 152	65 924,130	2 162 478,931	32,803	32,343	40	98 901	66 427,481	2 377 982,632	35,798	35,338
41	98 031	65 190,638	2 096 554,801	32,160	31,700	41	98 839	65 728,142	2 311 555,151	35,168	34,708
42	97 888	64 451,547	2 031 364,162	31,518	31,058	42	98 766	65 029,671	2 245 827,009	34,535	34,075
43	97 750	63 723,142	1 966 912,616	30,867	30,407	43	98 687	64 333,863	2 180 797,338	33,898	33,438
44	97 594	62 991,608	1 903 189,474	30,213	29,753	44	98 598	63 639,841	2 116 463,475	33,257	32,797
45	97 425	62 259,793	1 840 197,866	29,557	29,097	45	98 505	62 950,146	2 052 823,634	32,610	32,150
46	97 242	61 527,510	1 777 938,073	28,897	28,437	46	98 399	62 259,834	1 989 873,488	31,961	31,501
47	97 041	60 792,669	1 716 410,563	28,234	27,774	47	98 283	61 570,403	1 927 613,654	31,307	30,847
48	96 815	60 050,421	1 655 617,894	27,570	27,110	48	98 155	60 881,584	1 866 043,251	30,650	30,190
49	96 561	59 299,826	1 595 567,473	26,907	26,447	49	98 006	60 187,347	1 805 161,667	29,992	29,532

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 1,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	58 540,273	1 536 267,647	26,243	25,783	50	97 841	59 491,077	1 744 974,320	29,332	28,872
51	95 968	57 774,418	1 477 727,374	25,578	25,118	51	97 661	58 793,447	1 685 483,243	28,668	28,208
52	95 624	56 997,727	1 419 952,957	24,912	24,452	52	97 458	58 090,457	1 626 689,797	28,003	27,543
53	95 242	56 207,888	1 362 955,229	24,248	23,788	53	97 243	57 388,516	1 568 599,340	27,333	26,873
54	94 812	55 400,167	1 306 747,342	23,587	23,127	54	97 002	56 679,479	1 511 210,824	26,662	26,202
55	94 338	54 576,934	1 251 347,175	22,928	22,468	55	96 735	55 963,731	1 454 531,344	25,991	25,531
56	93 801	53 729,276	1 196 770,241	22,274	21,814	56	96 434	55 237,179	1 398 567,613	25,319	24,859
57	93 207	52 860,362	1 143 040,965	21,624	21,164	57	96 108	54 505,336	1 343 330,434	24,646	24,186
58	92 548	51 966,992	1 090 180,603	20,978	20,518	58	95 747	53 762,969	1 288 825,098	23,972	23,512
59	91 833	51 055,053	1 038 213,611	20,335	19,875	59	95 347	53 008,500	1 235 062,129	23,299	22,839
60	91 035	50 110,300	987 158,557	19,700	19,240	60	94 905	52 240,430	1 182 053,629	22,627	22,167
61	90 165	49 140,132	937 048,257	19,069	18,609	61	94 418	51 458,023	1 129 813,199	21,956	21,496
62	89 210	48 138,213	887 908,125	18,445	17,985	62	93 891	50 663,930	1 078 355,176	21,284	20,824
63	88 162	47 101,415	839 769,912	17,829	17,369	63	93 316	49 855,217	1 027 691,247	20,614	20,154
64	87 020	46 030,922	792 668,497	17,220	16,760	64	92 685	49 027,908	977 836,029	19,944	19,484
65	85 790	44 931,045	746 637,574	16,617	16,157	65	91 999	48 182,841	928 808,122	19,277	18,817
66	84 473	43 803,230	701 706,529	16,020	15,560	66	91 261	47 323,484	880 625,281	18,609	18,149
67	83 054	42 640,950	657 903,299	15,429	14,969	67	90 462	46 444,590	833 301,797	17,942	17,482
68	81 552	41 455,438	615 262,348	14,842	14,382	68	89 616	45 554,421	786 857,206	17,273	16,813
69	79 951	40 238,928	573 806,910	14,260	13,800	69	88 701	44 643,153	741 302,786	16,605	16,145
70	78 265	39 000,576	533 567,982	13,681	13,221	70	87 677	43 690,782	696 659,633	15,945	15,485
71	76 503	37 745,182	494 567,406	13,103	12,643	71	86 577	42 715,233	652 968,850	15,287	14,827
72	74 595	36 439,505	456 822,224	12,536	12,076	72	85 381	41 708,064	610 253,617	14,632	14,172
73	72 635	35 130,443	420 382,719	11,966	11,506	73	84 104	40 677,837	568 545,553	13,977	13,517
74	70 541	33 779,832	385 252,276	11,405	10,945	74	82 697	39 601,041	527 867,716	13,330	12,870
75	68 341	32 402,431	351 472,444	10,847	10,387	75	81 192	38 495,658	488 266,675	12,684	12,224
76	66 001	30 983,179	319 070,013	10,298	9,838	76	79 559	37 347,649	449 771,017	12,043	11,583
77	63 529	29 527,664	288 086,834	9,757	9,297	77	77 797	36 158,854	412 423,368	11,406	10,946
78	60 972	28 058,240	258 559,170	9,215	8,755	78	75 934	34 943,829	376 264,514	10,768	10,308
79	58 245	26 538,089	230 500,930	8,686	8,226	79	73 868	33 656,530	341 320,685	10,141	9,681
80	55 363	24 975,413	203 962,841	8,167	7,707	80	71 592	32 296,660	307 664,155	9,526	9,066
81	52 275	23 348,661	178 987,428	7,666	7,206	81	69 068	30 849,338	275 367,495	8,926	8,466
82	49 023	21 679,557	155 638,767	7,179	6,719	82	66 277	29 309,458	244 518,157	8,343	7,883
83	45 621	19 975,228	133 959,210	6,706	6,246	83	63 161	27 655,294	215 208,699	7,782	7,322
84	42 017	18 215,054	113 983,982	6,258	5,798	84	59 675	25 870,134	187 553,405	7,250	6,790
85	38 253	16 419,168	95 768,928	5,833	5,373	85	55 869	23 980,129	161 683,271	6,742	6,282
86	34 355	14 599,893	79 349,760	5,435	4,975	86	51 751	21 993,013	137 703,142	6,261	5,801
87	30 415	12 797,722	64 749,867	5,059	4,600	87	47 338	19 918,299	115 710,129	5,809	5,349
88	26 491	11 036,043	51 952,145	4,707	4,248	88	42 647	17 766,831	95 791,830	5,392	4,932
89	22 604	9 323,473	40 916,101	4,389	3,929	89	37 815	15 597,800	78 024,999	5,002	4,542
90	18 870	7 706,283	31 592,629	4,100	3,640	90	32 944	13 454,164	62 427,199	4,640	4,180
91	15 409	6 230,745	23 886,345	3,834	3,374	91	28 098	11 361,215	48 973,035	4,311	3,851
92	12 317	4 931,027	17 655,600	3,581	3,121	92	23 435	9 382,247	37 611,820	4,009	3,549
93	9 559	3 788,892	12 724,573	3,358	2,898	93	19 031	7 543,459	28 229,573	3,742	3,282
94	7 217	2 832,491	8 935,682	3,155	2,695	94	15 045	5 904,371	20 686,114	3,504	3,044
95	5 269	2 047,524	6 103,191	2,981	2,521	95	11 593	4 504,530	14 781,743	3,282	2,822
96	3 736	1 437,491	4 055,667	2,821	2,361	96	8 645	3 325,977	10 277,213	3,090	2,630
97	2 561	975,561	2 618,176	2,684	2,224	97	6 230	2 373,256	6 951,236	2,929	2,469
98	1 708	644,311	1 642,615	2,549	2,089	98	4 394	1 657,190	4 577,980	2,762	2,303
99	1 107	413,363	998,304	2,415	1,955	99	2 992	1 117,334	2 920,790	2,614	2,154
100	686	253,459	584,942	2,308	1,848	100	1 965	726,538	1 803,457	2,482	2,022

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 1,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	5 017 357,144	50,174	49,713	0	100 000	100 000,000	5 202 070,163	52,021	51,560
1	99 661	98 431,015	4 917 357,144	49,957	49,497	1	99 711	98 479,815	5 102 070,163	51,808	51,348
2	99 637	97 192,322	4 818 926,129	49,581	49,121	2	99 689	97 242,382	5 003 590,348	51,455	50,994
3	99 624	95 979,648	4 721 733,807	49,195	48,735	3	99 676	96 029,239	4 906 347,966	51,092	50,632
4	99 612	94 783,477	4 625 754,159	48,803	48,343	4	99 666	94 834,237	4 810 318,727	50,723	50,263
5	99 601	93 602,629	4 530 970,682	48,406	47,946	5	99 656	93 654,822	4 715 484,490	50,350	49,889
6	99 592	92 438,640	4 437 368,052	48,003	47,543	6	99 650	92 492,305	4 621 829,668	49,970	49,509
7	99 583	91 289,201	4 344 929,413	47,595	47,135	7	99 642	91 343,754	4 529 337,364	49,586	49,125
8	99 573	90 153,412	4 253 640,211	47,182	46,722	8	99 638	90 211,757	4 437 993,609	49,195	48,735
9	99 566	89 033,626	4 163 486,799	46,763	46,303	9	99 630	89 091,610	4 347 781,853	48,801	48,341
10	99 558	87 927,387	4 074 453,174	46,339	45,878	10	99 625	87 987,037	4 258 690,242	48,401	47,941
11	99 550	86 835,397	3 986 525,787	45,909	45,449	11	99 620	86 895,946	4 170 703,205	47,997	47,536
12	99 543	85 757,427	3 899 690,390	45,474	45,013	12	99 612	85 816,557	4 083 807,259	47,588	47,127
13	99 535	84 691,196	3 813 932,963	45,033	44,573	13	99 606	84 751,737	3 997 990,702	47,173	46,713
14	99 525	83 637,852	3 729 241,767	44,588	44,128	14	99 598	83 698,803	3 913 238,966	46,754	46,293
15	99 513	82 595,081	3 645 603,915	44,138	43,678	15	99 589	82 657,858	3 829 540,163	46,330	45,870
16	99 497	81 562,710	3 563 008,834	43,684	43,224	16	99 577	81 627,940	3 746 882,305	45,902	45,442
17	99 475	80 537,343	3 481 446,124	43,228	42,767	17	99 564	80 609,881	3 665 254,365	45,469	45,009
18	99 448	79 521,845	3 400 908,781	42,767	42,307	18	99 551	79 604,375	3 584 644,485	45,031	44,570
19	99 410	78 509,777	3 321 386,936	42,305	41,845	19	99 535	78 608,843	3 505 040,110	44,588	44,128
20	99 370	77 509,231	3 242 877,159	41,839	41,378	20	99 519	77 625,602	3 426 431,267	44,140	43,680
21	99 329	76 520,739	3 165 367,928	41,366	40,906	21	99 503	76 654,712	3 348 805,665	43,687	43,226
22	99 289	75 545,471	3 088 847,189	40,887	40,427	22	99 486	75 695,503	3 272 150,953	43,228	42,767
23	99 247	74 581,531	3 013 301,718	40,403	39,942	23	99 469	74 748,447	3 196 455,450	42,763	42,302
24	99 205	73 629,819	2 938 720,187	39,912	39,452	24	99 453	73 813,552	3 121 707,003	42,292	41,831
25	99 160	72 687,498	2 865 090,368	39,417	38,956	25	99 436	72 890,298	3 047 893,451	41,815	41,354
26	99 116	71 758,413	2 792 402,870	38,914	38,454	26	99 417	71 976,422	2 975 003,153	41,333	40,873
27	99 072	70 841,276	2 720 644,456	38,405	37,944	27	99 399	71 075,153	2 903 026,731	40,844	40,384
28	99 028	69 935,226	2 649 803,180	37,889	37,429	28	99 379	70 182,959	2 831 951,578	40,351	39,891
29	98 982	69 039,880	2 579 867,954	37,368	36,907	29	99 355	69 300,006	2 761 768,619	39,852	39,392
30	98 933	68 153,897	2 510 828,074	36,841	36,380	30	99 330	68 427,560	2 692 468,614	39,348	38,887
31	98 881	67 276,943	2 442 674,177	36,308	35,847	31	99 302	67 563,664	2 624 041,053	38,838	38,378
32	98 824	66 408,247	2 375 397,235	35,770	35,309	32	99 270	66 708,058	2 556 477,389	38,323	37,863
33	98 764	65 548,324	2 308 988,988	35,226	34,765	33	99 237	65 862,370	2 489 769,332	37,803	37,342
34	98 695	64 693,697	2 243 440,663	34,678	34,217	34	99 202	65 026,473	2 423 906,961	37,276	36,815
35	98 625	63 850,107	2 178 746,966	34,123	33,662	35	99 164	64 199,156	2 358 880,489	36,743	36,283
36	98 551	63 014,223	2 114 896,859	33,562	33,102	36	99 118	63 376,967	2 294 681,332	36,207	35,746
37	98 464	62 181,308	2 051 882,636	32,998	32,538	37	99 071	62 564,687	2 231 304,365	35,664	35,204
38	98 365	61 352,374	1 989 701,328	32,431	31,970	38	99 021	61 761,082	2 168 739,678	35,115	34,655
39	98 266	60 533,370	1 928 348,953	31,856	31,396	39	98 966	60 964,800	2 106 978,595	34,561	34,100
40	98 152	59 717,014	1 867 815,583	31,278	30,817	40	98 901	60 172,972	2 046 013,795	34,002	33,542
41	98 031	58 906,775	1 808 098,569	30,694	30,234	41	98 839	59 392,469	1 985 840,824	33,436	32,976
42	97 888	58 095,127	1 749 191,793	30,109	29,649	42	98 766	58 616,234	1 926 448,355	32,865	32,405
43	97 750	57 296,736	1 691 096,667	29,515	29,054	43	98 687	57 845,866	1 867 832,121	32,290	31,829
44	97 594	56 499,127	1 633 799,930	28,917	28,457	44	98 598	57 080,547	1 809 986,254	31,709	31,249
45	97 425	55 704,856	1 577 300,803	28,315	27,855	45	98 505	56 322,526	1 752 905,707	31,123	30,662
46	97 242	54 913,745	1 521 595,947	27,709	27,248	46	98 399	55 567,350	1 696 583,181	30,532	30,072
47	97 041	54 123,925	1 466 682,202	27,099	26,638	47	98 283	54 816,344	1 641 015,831	29,937	29,476
48	96 815	53 331,091	1 412 558,277	26,487	26,026	48	98 155	54 069,251	1 586 199,487	29,336	28,876
49	96 561	52 534,448	1 359 227,187	25,873	25,413	49	98 006	53 320,714	1 532 130,235	28,734	28,274

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 1,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	51 733,497	1 306 692,738	25,258	24,798	50	97 841	52 573,746	1 478 809,522	28,128	27,668
51	95 968	50 930,626	1 254 959,242	24,641	24,180	51	97 661	51 828,944	1 426 235,776	27,518	27,058
52	95 624	50 121,876	1 204 028,616	24,022	23,562	52	97 458	51 082,786	1 374 406,832	26,905	26,445
53	95 242	49 305,275	1 153 906,740	23,403	22,943	53	97 243	50 340,916	1 323 324,046	26,287	25,827
54	94 812	48 476,754	1 104 601,465	22,786	22,326	54	97 002	49 596,190	1 272 983,130	25,667	25,207
55	94 338	47 638,485	1 056 124,711	22,170	21,709	55	96 735	48 848,976	1 223 386,940	25,044	24,584
56	93 801	46 782,791	1 008 486,226	21,557	21,096	56	96 434	48 095,743	1 174 537,964	24,421	23,960
57	93 207	45 912,572	961 703,434	20,946	20,486	57	96 108	47 341,336	1 126 442,221	23,794	23,334
58	92 548	45 025,175	915 790,862	20,340	19,879	58	95 747	46 581,243	1 079 100,885	23,166	22,706
59	91 833	44 125,832	870 765,687	19,734	19,273	59	95 347	45 814,156	1 032 519,642	22,537	22,077
60	91 035	43 202,364	826 639,855	19,134	18,674	60	94 905	45 038,846	986 705,486	21,908	21,447
61	90 165	42 261,332	783 437,491	18,538	18,078	61	94 418	44 254,756	941 666,640	21,278	20,818
62	89 210	41 297,443	741 176,159	17,947	17,487	62	93 891	43 464,238	897 411,884	20,647	20,187
63	88 162	40 308,208	699 878,716	17,363	16,903	63	93 316	42 664,843	853 947,646	20,015	19,555
64	87 020	39 294,843	659 570,508	16,785	16,325	64	92 685	41 853,255	811 282,803	19,384	18,924
65	85 790	38 261,214	620 275,665	16,212	15,751	65	91 999	41 030,294	769 429,548	18,753	18,292
66	84 473	37 208,718	582 014,450	15,642	15,181	66	91 261	40 199,002	728 399,254	18,120	17,659
67	83 054	36 131,982	544 805,733	15,078	14,618	67	90 462	39 355,011	688 200,252	17,487	17,027
68	81 552	35 040,699	508 673,751	14,517	14,056	68	89 616	38 505,412	648 845,240	16,851	16,390
69	79 951	33 928,448	473 633,052	13,960	13,499	69	88 701	37 641,979	610 339,828	16,214	15,754
70	78 265	32 803,105	439 704,604	13,404	12,944	70	87 677	36 748,004	572 697,849	15,584	15,124
71	76 503	31 668,814	406 901,499	12,849	12,388	71	86 577	35 838,767	535 949,845	14,954	14,494
72	74 595	30 497,840	375 232,685	12,304	11,843	72	85 381	34 907,331	500 111,078	14,327	13,866
73	72 635	29 329,630	344 734,845	11,754	11,293	73	84 104	33 961,027	465 203,747	13,698	13,238
74	70 541	28 132,400	315 405,215	11,211	10,751	74	82 697	32 980,399	431 242,720	13,076	12,615
75	68 341	26 918,647	287 272,815	10,672	10,211	75	81 192	31 980,657	398 262,321	12,453	11,993
76	66 001	25 676,035	260 354,167	10,140	9,680	76	79 559	30 950,328	366 281,664	11,835	11,374
77	63 529	24 409,417	234 678,132	9,614	9,154	77	77 797	29 891,175	335 331,336	11,218	10,758
78	60 972	23 137,429	210 268,715	9,088	8,627	78	75 934	28 815,434	305 440,162	10,600	10,139
79	58 245	21 829,845	187 131,286	8,572	8,112	79	73 868	27 685,371	276 624,728	9,992	9,531
80	55 363	20 493,684	165 301,441	8,066	7,606	80	71 592	26 501,165	248 939,357	9,394	8,933
81	52 275	19 111,540	144 807,757	7,577	7,117	81	69 068	25 251,056	222 438,192	8,809	8,349
82	49 023	17 701,515	125 696,217	7,101	6,640	82	66 277	23 931,385	197 187,136	8,240	7,779
83	45 621	16 269,647	107 994,702	6,638	6,177	83	63 161	22 524,992	173 255,752	7,692	7,231
84	42 017	14 799,368	91 725,055	6,198	5,738	84	59 675	21 018,969	150 730,759	7,171	6,711
85	38 253	13 307,308	76 925,687	5,781	5,320	85	55 869	19 435,270	129 711,791	6,674	6,214
86	34 355	11 803,616	63 618,379	5,390	4,929	86	51 751	17 780,753	110 276,521	6,202	5,742
87	30 415	10 321,062	51 814,763	5,020	4,560	87	47 338	16 063,641	92 495,768	5,758	5,298
88	26 491	8 878,334	41 493,700	4,674	4,213	88	42 647	14 293,154	76 432,127	5,347	4,887
89	22 604	7 482,077	32 615,366	4,359	3,899	89	37 815	12 517,217	62 138,974	4,964	4,504
90	18 870	6 169,014	25 133,290	4,074	3,614	90	32 944	10 770,292	49 621,757	4,607	4,147
91	15 409	4 975,504	18 964,276	3,812	3,351	91	28 098	9 072,394	38 851,465	4,282	3,822
92	12 317	3 927,903	13 988,771	3,561	3,101	92	23 435	7 473,608	29 779,071	3,985	3,524
93	9 559	3 010,662	10 060,868	3,342	2,881	93	19 031	5 994,049	22 305,463	3,721	3,261
94	7 217	2 245,146	7 050,206	3,140	2,680	94	15 045	4 680,042	16 311,413	3,485	3,025
95	5 269	1 618,942	4 805,060	2,968	2,508	95	11 593	3 561,656	11 631,371	3,266	2,805
96	3 736	1 133,793	3 186,117	2,810	2,350	96	8 645	2 623,300	8 069,715	3,076	2,616
97	2 561	767,555	2 052,324	2,674	2,213	97	6 230	1 867,239	5 446,415	2,917	2,456
98	1 708	505,681	1 284,769	2,541	2,080	98	4 394	1 300,630	3 579,176	2,752	2,291
99	1 107	323,623	779,087	2,407	1,947	99	2 992	874,764	2 278,546	2,605	2,144
100	686	197,944	455,465	2,301	1,841	100	1 965	567,404	1 403,783	2,474	2,014

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 1,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	4 631 056,852	46,311	45,850	0	100 000	100 000,000	4 784 697,962	47,847	47,386
1	99 661	98 188,574	4 531 056,852	46,146	45,686	1	99 711	98 237,254	4 684 697,962	47,688	47,227
2	99 637	96 714,132	4 432 868,279	45,835	45,374	2	99 689	96 763,946	4 586 460,708	47,398	46,938
3	99 624	95 272,184	4 336 154,147	45,513	45,053	3	99 676	95 321,409	4 489 696,762	47,101	46,640
4	99 612	93 853,094	4 240 881,962	45,186	44,726	4	99 666	93 903,356	4 394 375,353	46,797	46,336
5	99 601	92 455,552	4 147 028,868	44,854	44,394	5	99 656	92 507,105	4 300 471,997	46,488	46,027
6	99 592	91 080,936	4 054 573,316	44,516	44,055	6	99 650	91 133,812	4 207 964,892	46,173	45,713
7	99 583	89 726,832	3 963 492,380	44,173	43,712	7	99 642	89 780,452	4 116 831,080	45,854	45,394
8	99 573	88 392,229	3 873 765,548	43,825	43,364	8	99 638	88 449,434	4 027 050,628	45,529	45,069
9	99 566	87 079,307	3 785 373,319	43,470	43,010	9	99 630	87 136,019	3 938 601,194	45,201	44,740
10	99 558	85 785,535	3 698 294,012	43,111	42,650	10	99 625	85 843,732	3 851 465,175	44,866	44,405
11	99 550	84 511,474	3 612 508,477	42,746	42,285	11	99 620	84 570,403	3 765 621,443	44,526	44,066
12	99 543	83 256,782	3 527 997,003	42,375	41,914	12	99 612	83 314,187	3 681 051,040	44,183	43,722
13	99 535	82 019,124	3 444 740,221	41,999	41,538	13	99 606	82 077,755	3 597 736,853	43,833	43,372
14	99 525	80 799,510	3 362 721,097	41,618	41,157	14	99 598	80 858,392	3 515 659,098	43,479	43,018
15	99 513	79 595,594	3 281 921,587	41,232	40,772	15	99 589	79 656,092	3 434 800,706	43,120	42,660
16	99 497	78 407,117	3 202 325,992	40,842	40,381	16	99 577	78 469,822	3 355 144,614	42,757	42,296
17	99 475	77 230,726	3 123 918,876	40,449	39,988	17	99 564	77 300,286	3 276 674,792	42,389	41,928
18	99 448	76 069,097	3 046 688,150	40,052	39,591	18	99 551	76 148,044	3 199 374,506	42,015	41,554
19	99 410	74 915,994	2 970 619,052	39,653	39,192	19	99 535	75 010,525	3 123 226,462	41,637	41,176
20	99 370	73 779,078	2 895 703,058	39,248	38,787	20	99 519	73 889,848	3 048 215,937	41,254	40,793
21	99 329	72 658,752	2 821 923,981	38,838	38,377	21	99 503	72 785,964	2 974 326,089	40,864	40,403
22	99 289	71 556,025	2 749 265,228	38,421	37,960	22	99 486	71 698,133	2 901 540,124	40,469	40,008
23	99 247	70 468,991	2 677 709,204	37,998	37,538	23	99 469	70 626,704	2 829 841,991	40,068	39,607
24	99 205	69 398,404	2 607 240,212	37,569	37,108	24	99 453	69 571,578	2 759 215,287	39,660	39,199
25	99 160	68 341,493	2 537 841,808	37,135	36,674	25	99 436	68 532,167	2 689 643,709	39,246	38,786
26	99 116	67 301,781	2 469 500,315	36,693	36,232	26	99 417	67 506,250	2 621 111,542	38,828	38,367
27	99 072	66 277,955	2 402 198,533	36,244	35,784	27	99 399	66 496,766	2 553 605,292	38,402	37,941
28	99 028	65 269,110	2 335 920,579	35,789	35,328	28	99 379	65 500,314	2 487 108,526	37,971	37,510
29	98 982	64 274,799	2 270 651,469	35,327	34,866	29	99 355	64 516,971	2 421 608,212	37,534	37,074
30	98 933	63 293,685	2 206 376,670	34,859	34,399	30	99 330	63 547,833	2 357 091,241	37,092	36,631
31	98 881	62 325,379	2 143 082,985	34,385	33,925	31	99 302	62 590,998	2 293 543,408	36,643	36,183
32	98 824	61 369,090	2 080 757,606	33,906	33,445	32	99 270	61 646,151	2 230 952,410	36,190	35,729
33	98 764	60 425,222	2 019 388,516	33,420	32,959	33	99 237	60 714,722	2 169 306,260	35,729	35,269
34	98 695	59 490,500	1 958 963,294	32,929	32,468	34	99 202	59 796,511	2 108 591,537	35,263	34,802
35	98 625	58 570,141	1 899 472,794	32,431	31,970	35	99 164	58 890,326	2 048 795,026	34,790	34,329
36	98 551	57 661,006	1 840 902,653	31,926	31,466	36	99 118	57 992,934	1 989 904,700	34,313	33,852
37	98 464	56 758,704	1 783 241,647	31,418	30,957	37	99 071	57 108,650	1 931 911,766	33,829	33,368
38	98 365	55 864,122	1 726 482,943	30,905	30,444	38	99 021	56 236,270	1 874 803,116	33,338	32,877
39	98 266	54 982,623	1 670 618,821	30,384	29,924	39	98 966	55 374,492	1 818 566,847	32,841	32,380
40	98 152	54 107,525	1 615 636,198	29,860	29,399	40	98 901	54 520,652	1 763 192,355	32,340	31,879
41	98 031	53 241,934	1 561 528,673	29,329	28,868	41	98 839	53 680,920	1 708 671,703	31,830	31,369
42	97 888	52 379,008	1 508 286,739	28,796	28,335	42	98 766	52 848,843	1 654 990,782	31,316	30,855
43	97 750	51 531,934	1 455 907,731	28,253	27,792	43	98 687	52 025,814	1 602 141,940	30,795	30,334
44	97 594	50 689,415	1 404 375,798	27,706	27,245	44	98 598	51 211,049	1 550 116,126	30,269	29,808
45	97 425	49 853,723	1 353 686,382	27,153	26,692	45	98 505	50 406,513	1 498 905,077	29,736	29,276
46	97 242	49 024,660	1 303 832,660	26,595	26,135	46	98 399	49 608,171	1 448 498,563	29,199	28,738
47	97 041	48 200,528	1 254 808,000	26,033	25,572	47	98 283	48 817,168	1 398 890,393	28,656	28,195
48	96 815	47 377,481	1 206 607,472	25,468	25,007	48	98 155	48 033,237	1 350 073,225	28,107	27,646
49	96 561	46 554,822	1 159 229,991	24,900	24,440	49	98 006	47 251,592	1 302 039,988	27,555	27,095

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 1,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	45 732,118	1 112 675,169	24,330	23,869	50	97 841	46 474,894	1 254 788,396	26,999	26,538
51	95 968	44 911,492	1 066 943,051	23,757	23,296	51	97 661	45 703,644	1 208 313,502	26,438	25,977
52	95 624	44 089,460	1 022 031,559	23,181	22,720	52	97 458	44 934,719	1 162 609,858	25,873	25,413
53	95 242	43 264,315	977 942,099	22,604	22,143	53	97 243	44 173,068	1 117 675,139	25,302	24,841
54	94 812	42 432,535	934 677,784	22,027	21,567	54	97 002	43 412,396	1 073 502,070	24,728	24,267
55	94 338	41 596,077	892 245,249	21,450	20,989	55	96 735	42 653,031	1 030 089,674	24,150	23,690
56	93 801	40 748,305	850 649,173	20,876	20,415	56	96 434	41 891,900	987 436,644	23,571	23,110
57	93 207	39 891,837	809 900,867	20,302	19,842	57	96 108	41 133,240	945 544,744	22,987	22,527
58	92 548	39 024,452	770 009,031	19,731	19,271	58	95 747	40 373,135	904 411,504	22,401	21,941
59	91 833	38 150,769	730 984,579	19,160	18,700	59	95 347	39 610,477	864 038,369	21,813	21,353
60	91 035	37 260,347	692 833,810	18,594	18,134	60	94 905	38 844,240	824 427,892	21,224	20,763
61	90 165	36 358,968	655 573,463	18,031	17,570	61	94 418	38 073,984	785 583,651	20,633	20,172
62	89 210	35 442,188	619 214,495	17,471	17,010	62	93 891	37 301,769	747 509,668	20,040	19,579
63	88 162	34 508,004	583 772,308	16,917	16,456	63	93 316	36 525,528	710 207,899	19,444	18,983
64	87 020	33 557,600	549 264,303	16,368	15,907	64	92 685	35 742,471	673 682,371	18,848	18,387
65	85 790	32 594,406	515 706,703	15,822	15,361	65	91 999	34 953,362	637 939,900	18,251	17,790
66	84 473	31 619,720	483 112,297	15,279	14,818	66	91 261	34 160,844	602 986,538	17,651	17,191
67	83 054	30 629,090	451 492,577	14,741	14,280	67	90 462	33 361,253	568 825,694	17,050	16,590
68	81 552	29 630,846	420 863,487	14,204	13,743	68	89 616	32 560,650	535 464,441	16,445	15,984
69	79 951	28 619,648	391 232,641	13,670	13,209	69	88 701	31 752,121	502 903,791	15,838	15,378
70	78 265	27 602,233	362 612,994	13,137	12,676	70	87 677	30 921,676	471 151,670	15,237	14,776
71	76 503	26 582,148	335 010,760	12,603	12,142	71	86 577	30 082,320	440 229,994	14,634	14,173
72	74 595	25 536,204	308 428,613	12,078	11,617	72	85 381	29 228,323	410 147,674	14,033	13,572
73	72 635	24 497,560	282 892,409	11,548	11,087	73	84 104	28 365,932	380 919,351	13,429	12,968
74	70 541	23 439,698	258 394,849	11,024	10,563	74	82 697	27 479,013	352 553,419	12,830	12,369
75	68 341	22 373,167	234 955,150	10,502	10,041	75	81 192	26 580,406	325 074,406	12,230	11,769
76	66 001	21 287,820	212 581,984	9,986	9,525	76	79 559	25 660,698	298 944,000	11,632	11,172
77	63 529	20 187,829	191 294,164	9,476	9,015	77	77 797	24 721,521	272 833,302	11,036	10,575
78	60 972	19 088,697	171 106,336	8,964	8,503	78	75 934	23 773,129	248 111,781	10,437	9,976
79	58 245	17 965,563	152 017,638	8,462	8,001	79	73 868	22 784,554	224 338,652	9,846	9,385
80	55 363	16 824,385	134 052,075	7,968	7,507	80	71 592	21 756,255	201 554,098	9,264	8,803
81	52 275	15 651,063	117 227,690	7,490	7,029	81	69 068	20 678,913	179 797,843	8,695	8,234
82	49 023	14 460,643	101 576,627	7,024	6,564	82	66 277	19 549,920	159 118,930	8,139	7,678
83	45 621	13 258,191	87 115,985	6,571	6,110	83	63 161	18 355,693	139 569,011	7,604	7,143
84	42 017	12 030,351	73 857,794	6,139	5,678	84	59 675	17 086,241	121 213,317	7,094	6,633
85	38 253	10 790,817	61 827,443	5,730	5,269	85	55 869	15 759,945	104 127,076	6,607	6,146
86	34 355	9 547,907	51 036,626	5,345	4,885	86	51 751	14 382,794	88 367,131	6,144	5,683
87	30 415	8 328,111	41 488,718	4,982	4,521	87	47 338	12 961,823	73 984,338	5,708	5,247
88	26 491	7 146,322	33 160,607	4,640	4,179	88	42 647	11 504,802	61 022,515	5,304	4,843
89	22 604	6 007,617	26 014,285	4,330	3,869	89	37 815	10 050,504	49 517,713	4,927	4,466
90	18 870	4 941,113	20 006,669	4,049	3,588	90	32 944	8 626,538	39 467,208	4,575	4,114
91	15 409	3 975,348	15 065,555	3,790	3,329	91	28 098	7 248,697	30 840,670	4,255	3,794
92	12 317	3 130,602	11 090,207	3,543	3,082	92	23 435	5 956,585	23 591,973	3,961	3,500
93	9 559	2 393,636	7 959,605	3,325	2,865	93	19 031	4 765,586	17 635,388	3,701	3,240
94	7 217	1 780,613	5 565,970	3,126	2,665	94	15 045	3 711,717	12 869,801	3,467	3,007
95	5 269	1 280,812	3 785,356	2,955	2,495	95	11 593	2 817,773	9 158,085	3,250	2,789
96	3 736	894,781	2 504,544	2,799	2,338	96	8 645	2 070,289	6 340,312	3,063	2,602
97	2 561	604,257	1 609,763	2,664	2,203	97	6 230	1 469,981	4 270,023	2,905	2,444
98	1 708	397,116	1 005,506	2,532	2,071	98	4 394	1 021,397	2 800,041	2,741	2,281
99	1 107	253,518	608,389	2,400	1,939	99	2 992	685,268	1 778,644	2,596	2,135
100	686	154,682	354,871	2,294	1,833	100	1 965	443,396	1 093,375	2,466	2,005

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 1,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	4 289 093,381	42,891	42,430	0	100 000	100 000,000	4 417 135,750	44,171	43,710
1	99 661	97 947,324	4 189 093,381	42,769	42,308	1	99 711	97 995,885	4 317 135,750	44,054	43,593
2	99 637	96 239,462	4 091 146,057	42,510	42,049	2	99 689	96 289,031	4 219 139,865	43,817	43,356
3	99 624	94 571,656	3 994 906,595	42,242	41,781	3	99 676	94 620,520	4 122 850,834	43,572	43,111
4	99 612	92 934,099	3 900 334,939	41,969	41,508	4	99 666	92 983,868	4 028 230,314	43,322	42,861
5	99 601	91 325,302	3 807 400,840	41,691	41,229	5	99 656	91 376,225	3 935 246,446	43,066	42,605
6	99 592	89 746,440	3 716 075,537	41,406	40,945	6	99 650	89 798,542	3 843 870,221	42,805	42,344
7	99 583	88 194,947	3 626 329,097	41,117	40,656	7	99 642	88 247,651	3 754 071,679	42,540	42,079
8	99 573	86 669,657	3 538 134,150	40,823	40,362	8	99 638	86 725,748	3 665 824,028	42,269	41,808
9	99 566	85 172,537	3 451 464,493	40,523	40,062	9	99 630	85 228,007	3 579 098,280	41,994	41,533
10	99 558	83 700,934	3 366 291,956	40,218	39,757	10	99 625	83 757,717	3 493 870,273	41,714	41,253
11	99 550	82 255,235	3 282 591,021	39,907	39,446	11	99 620	82 312,591	3 410 112,556	41,429	40,968
12	99 543	80 834,939	3 200 335,787	39,591	39,130	12	99 612	80 890,674	3 327 799,965	41,139	40,678
13	99 535	79 437,624	3 119 500,848	39,270	38,809	13	99 606	79 494,409	3 246 909,291	40,844	40,383
14	99 525	78 064,120	3 040 063,224	38,943	38,482	14	99 598	78 121,009	3 167 414,882	40,545	40,084
15	99 513	76 712,016	2 961 999,104	38,612	38,151	15	99 589	76 770,321	3 089 293,873	40,241	39,780
16	99 497	75 380,927	2 885 287,088	38,276	37,815	16	99 577	75 441,212	3 012 523,552	39,932	39,471
17	99 475	74 067,508	2 809 906,162	37,937	37,476	17	99 564	74 134,219	2 937 082,340	39,618	39,157
18	99 448	72 774,210	2 735 838,654	37,594	37,132	18	99 551	72 849,737	2 862 948,121	39,299	38,838
19	99 410	71 494,957	2 663 064,443	37,248	36,787	19	99 535	71 585,171	2 790 098,384	38,976	38,515
20	99 370	70 236,960	2 591 569,486	36,898	36,436	20	99 519	70 342,413	2 718 513,213	38,647	38,186
21	99 329	69 000,470	2 521 332,526	36,541	36,080	21	99 503	69 121,277	2 648 170,800	38,312	37,851
22	99 289	67 786,302	2 452 332,056	36,177	35,716	22	99 486	67 920,924	2 579 049,523	37,971	37,510
23	99 247	66 592,515	2 384 545,755	35,808	35,347	23	99 469	66 741,551	2 511 128,599	37,625	37,163
24	99 205	65 419,688	2 317 953,240	35,432	34,971	24	99 453	65 582,934	2 444 387,048	37,272	36,810
25	99 160	64 265,083	2 252 533,552	35,051	34,589	25	99 436	64 444,384	2 378 804,114	36,913	36,451
26	99 116	63 131,890	2 188 268,469	34,662	34,201	26	99 417	63 323,690	2 314 359,730	36,548	36,087
27	99 072	62 018,742	2 125 136,579	34,266	33,805	27	99 399	62 223,492	2 251 036,040	36,177	35,715
28	99 028	60 924,668	2 063 117,836	33,863	33,402	28	99 379	61 140,483	2 188 812,548	35,800	35,339
29	98 982	59 849,129	2 002 193,168	33,454	32,993	29	99 355	60 074,626	2 127 672,065	35,417	34,956
30	98 933	58 790,765	1 942 344,039	33,038	32,577	30	99 330	59 026,832	2 067 597,439	35,028	34,567
31	98 881	57 749,108	1 883 553,274	32,616	32,155	31	99 302	57 995,224	2 008 570,607	34,633	34,172
32	98 824	56 723,323	1 825 804,166	32,188	31,727	32	99 270	56 979,409	1 950 575,383	34,233	33,772
33	98 764	55 713,681	1 769 080,843	31,753	31,292	33	99 237	55 980,609	1 893 595,974	33,826	33,365
34	98 695	54 717,072	1 713 367,162	31,313	30,852	34	99 202	54 998,529	1 837 615,365	33,412	32,951
35	98 625	53 738,201	1 658 650,090	30,865	30,404	35	99 164	54 031,971	1 782 616,836	32,992	32,531
36	98 551	52 774,082	1 604 911,889	30,411	29,950	36	99 118	53 077,879	1 728 584,865	32,567	32,106
37	98 464	51 820,616	1 552 137,807	29,952	29,491	37	99 071	52 140,116	1 675 506,986	32,135	31,673
38	98 365	50 878,548	1 500 317,191	29,488	29,027	38	99 021	51 217,483	1 623 366,870	31,696	31,234
39	98 266	49 952,681	1 449 438,643	29,016	28,555	39	98 966	50 308,701	1 572 149,387	31,250	30,789
40	98 152	49 036,859	1 399 485,962	28,539	28,078	40	98 901	49 411,270	1 521 840,687	30,799	30,338
41	98 031	48 133,830	1 350 449,104	28,056	27,595	41	98 839	48 530,699	1 472 429,416	30,340	29,879
42	97 888	47 237,346	1 302 315,273	27,570	27,108	42	98 766	47 661,061	1 423 898,717	29,876	29,414
43	97 750	46 359,238	1 255 077,927	27,073	26,612	43	98 687	46 803,543	1 376 237,656	29,405	28,943
44	97 594	45 489,248	1 208 718,689	26,572	26,110	44	98 598	45 957,368	1 329 434,113	28,928	28,466
45	97 425	44 629,363	1 163 229,442	26,064	25,603	45	98 505	45 124,225	1 283 476,746	28,443	27,982
46	97 242	43 779,350	1 118 600,079	25,551	25,090	46	98 399	44 300,429	1 238 352,521	27,954	27,492
47	97 041	42 937,637	1 074 820,729	25,032	24,571	47	98 283	43 486,947	1 194 052,092	27,458	26,997
48	96 815	42 100,760	1 031 883,029	24,510	24,049	48	98 155	42 683,481	1 150 565,145	26,956	26,495
49	96 561	41 268,080	989 782,332	23,984	23,523	49	98 006	41 885,725	1 107 881,664	26,450	25,989

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 1,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	40 439,198	948 514,252	23,455	22,994	50	97 841	41 096,007	1 065 995,939	25,939	25,478
51	95 968	39 615,973	908 075,054	22,922	22,461	51	97 661	40 314,722	1 024 899,932	25,422	24,961
52	95 624	38 795,312	868 459,081	22,386	21,924	52	97 458	39 539,075	984 585,210	24,902	24,440
53	95 242	37 975,712	829 663,770	21,847	21,386	53	97 243	38 773,380	945 046,135	24,374	23,912
54	94 812	37 154,095	791 688,058	21,308	20,847	54	97 002	38 012,066	906 272,756	23,842	23,381
55	94 338	36 332,201	754 533,963	20,768	20,306	55	96 735	37 255,400	868 260,690	23,306	22,844
56	93 801	35 504,264	718 201,761	20,229	19,767	56	96 434	36 500,685	831 005,290	22,767	22,306
57	93 207	34 672,617	682 697,497	19,690	19,229	57	96 108	35 751,602	794 504,604	22,223	21,762
58	92 548	33 835,377	648 024,881	19,152	18,691	58	95 747	35 004,726	758 753,002	21,676	21,215
59	91 833	32 996,595	614 189,503	18,614	18,153	59	95 347	34 259,097	723 748,276	21,126	20,665
60	91 035	32 147,289	581 192,908	18,079	17,618	60	94 905	33 513,832	689 489,179	20,573	20,112
61	90 165	31 292,527	549 045,619	17,546	17,084	61	94 418	32 768,564	655 975,347	20,018	19,557
62	89 210	30 428,548	517 753,092	17,015	16,554	62	93 891	32 025,074	623 206,783	19,460	18,999
63	88 162	29 553,721	487 324,544	16,489	16,028	63	93 316	31 281,591	591 181,709	18,899	18,438
64	87 020	28 669,152	457 770,822	15,967	15,506	64	92 685	30 535,746	559 900,118	18,336	17,875
65	85 790	27 777,852	429 101,670	15,448	14,986	65	91 999	29 788,219	529 364,372	17,771	17,310
66	84 473	26 880,988	401 323,818	14,930	14,468	66	91 261	29 041,283	499 576,153	17,202	16,741
67	83 054	25 974,842	374 442,830	14,416	13,954	67	90 462	28 291,839	470 534,870	16,631	16,170
68	81 552	25 066,547	348 467,988	13,902	13,441	68	89 616	27 545,048	442 243,031	16,055	15,594
69	79 951	24 151,625	323 401,441	13,390	12,929	69	88 701	26 795,065	414 697,983	15,477	15,015
70	78 265	23 235,816	299 249,816	12,879	12,418	70	87 677	26 030,154	387 902,918	14,902	14,441
71	76 503	22 322,118	276 014,000	12,365	11,904	71	86 577	25 261,356	361 872,765	14,325	13,864
72	74 595	21 391,109	253 691,882	11,860	11,398	72	85 381	24 483,914	336 611,409	13,748	13,287
73	72 635	20 470,640	232 300,773	11,348	10,887	73	84 104	23 703,127	312 127,495	13,168	12,707
74	70 541	19 538,545	211 830,134	10,842	10,380	74	82 697	22 905,582	288 424,368	12,592	12,131
75	68 341	18 603,698	192 291,589	10,336	9,875	75	81 192	22 102,095	265 518,786	12,013	11,552
76	66 001	17 657,720	173 687,891	9,836	9,375	76	79 559	21 284,915	243 416,691	11,436	10,975
77	63 529	16 704,162	156 030,171	9,341	8,880	77	77 797	20 455,508	222 131,776	10,859	10,398
78	60 972	15 755,892	139 326,009	8,843	8,382	78	75 934	19 622,442	201 676,269	10,278	9,817
79	58 245	14 792,417	123 570,117	8,354	7,892	79	73 868	18 760,260	182 053,827	9,704	9,243
80	55 363	13 818,762	108 777,700	7,872	7,411	80	71 592	17 869,569	163 293,567	9,138	8,677
81	52 275	12 823,466	94 958,937	7,405	6,944	81	69 068	16 942,959	145 423,997	8,583	8,122
82	49 023	11 819,001	82 135,472	6,949	6,488	82	66 277	15 978,580	128 481,038	8,041	7,580
83	45 621	10 809,587	70 316,470	6,505	6,044	83	63 161	14 965,651	112 502,458	7,517	7,056
84	42 017	9 784,412	59 506,884	6,082	5,621	84	59 675	13 896,422	97 536,807	7,019	6,558
85	38 253	8 754,723	49 722,471	5,680	5,218	85	55 869	12 786,237	83 640,386	6,541	6,080
86	34 355	7 727,302	40 967,748	5,302	4,840	86	51 751	11 640,267	70 854,148	6,087	5,626
87	30 415	6 723,537	33 240,446	4,944	4,483	87	47 338	10 464,474	59 213,882	5,659	5,197
88	26 491	5 755,268	26 516,909	4,607	4,146	88	42 647	9 265,356	48 749,408	5,261	4,800
89	22 604	4 826,328	20 761,641	4,302	3,841	89	37 815	8 074,254	39 484,052	4,890	4,429
90	18 870	3 959,779	15 935,314	4,024	3,563	90	32 944	6 913,258	31 409,798	4,543	4,082
91	15 409	3 177,993	11 975,534	3,768	3,307	91	28 098	5 794,791	24 496,540	4,227	3,766
92	12 317	2 496,533	8 797,541	3,524	3,063	92	23 435	4 750,144	18 701,749	3,937	3,476
93	9 559	1 904,141	6 301,008	3,309	2,848	93	19 031	3 791,032	13 951,605	3,680	3,219
94	7 217	1 413,001	4 396,867	3,112	2,651	94	15 045	2 945,422	10 160,573	3,450	2,988
95	5 269	1 013,887	2 983,867	2,943	2,482	95	11 593	2 230,541	7 215,151	3,235	2,774
96	3 736	706,566	1 969,979	2,788	2,327	96	8 645	1 634,809	4 984,610	3,049	2,588
97	2 561	475,981	1 263,413	2,654	2,193	97	6 230	1 157,922	3 349,801	2,893	2,432
98	1 708	312,045	787,432	2,523	2,062	98	4 394	802,590	2 191,879	2,731	2,270
99	1 107	198,719	475,388	2,392	1,931	99	2 992	537,145	1 389,288	2,586	2,125
100	686	120,949	276,668	2,287	1,826	100	1 965	346,700	852,143	2,458	1,997

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 2,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	3 985 440,691	39,854	39,393	0	100 000	100 000,000	4 092 361,817	40,924	40,462
1	99 661	97 707,257	3 885 440,691	39,766	39,305	1	99 711	97 755,699	3 992 361,817	40,840	40,379
2	99 637	95 768,278	3 787 733,434	39,551	39,089	2	99 689	95 817,605	3 894 606,118	40,646	40,184
3	99 624	93 877,979	3 691 965,156	39,327	38,866	3	99 676	93 926,484	3 798 788,513	40,444	39,983
4	99 612	92 026,325	3 598 087,177	39,098	38,637	4	99 666	92 075,608	3 704 862,029	40,237	39,776
5	99 601	90 211,593	3 506 060,852	38,865	38,403	5	99 656	90 261,894	3 612 786,421	40,026	39,564
6	99 592	88 434,700	3 415 849,259	38,626	38,164	6	99 650	88 486,040	3 522 524,527	39,809	39,347
7	99 583	86 692,879	3 327 414,559	38,382	37,920	7	99 642	86 744,686	3 434 038,487	39,588	39,126
8	99 573	84 984,759	3 240 721,680	38,133	37,671	8	99 638	85 039,759	3 347 293,801	39,362	38,900
9	99 566	83 312,046	3 155 736,921	37,879	37,417	9	99 630	83 366,304	3 262 254,042	39,132	38,670
10	99 558	81 671,920	3 072 424,875	37,619	37,157	10	99 625	81 727,327	3 178 887,738	38,896	38,435
11	99 550	80 064,547	2 990 752,954	37,354	36,893	11	99 620	80 120,376	3 097 160,411	38,656	38,195
12	99 543	78 489,230	2 910 688,407	37,084	36,622	12	99 612	78 543,347	3 017 040,035	38,412	37,951
13	99 535	76 943,413	2 832 199,177	36,809	36,347	13	99 606	76 998,415	2 938 496,687	38,163	37,701
14	99 525	75 427,708	2 755 255,765	36,528	36,067	14	99 598	75 482,676	2 861 498,272	37,909	37,448
15	99 513	73 939,598	2 679 828,056	36,243	35,782	15	99 589	73 995,797	2 786 015,596	37,651	37,189
16	99 497	72 478,536	2 605 888,458	35,954	35,492	16	99 577	72 536,500	2 712 019,800	37,388	36,927
17	99 475	71 041,139	2 533 409,922	35,661	35,200	17	99 564	71 105,124	2 639 483,300	37,121	36,659
18	99 448	69 629,605	2 462 368,783	35,364	34,902	18	99 551	69 701,868	2 568 378,175	36,848	36,386
19	99 410	68 237,968	2 392 739,178	35,065	34,603	19	99 535	68 324,073	2 498 676,307	36,571	36,109
20	99 370	66 872,973	2 324 501,210	34,760	34,298	20	99 519	66 973,375	2 430 352,235	36,288	35,827
21	99 329	65 534,685	2 257 628,237	34,449	33,988	21	99 503	65 649,424	2 363 378,860	36,000	35,538
22	99 289	64 223,705	2 192 093,552	34,132	33,671	22	99 486	64 351,252	2 297 729,436	35,706	35,244
23	99 247	62 938,020	2 127 869,847	33,809	33,347	23	99 469	63 078,878	2 233 378,184	35,406	34,945
24	99 205	61 678,013	2 064 931,827	33,479	33,018	24	99 453	61 831,922	2 170 299,306	35,100	34,638
25	99 160	60 440,942	2 003 253,813	33,144	32,682	25	99 436	60 609,574	2 108 467,384	34,788	34,326
26	99 116	59 229,653	1 942 812,871	32,801	32,340	26	99 417	59 409,598	2 047 857,810	34,470	34,009
27	99 072	58 042,699	1 883 583,218	32,452	31,990	27	99 399	58 234,323	1 988 448,212	34,146	33,684
28	99 028	56 879,015	1 825 540,519	32,095	31,634	28	99 379	57 080,498	1 930 213,889	33,816	33,354
29	98 982	55 737,948	1 768 661,504	31,732	31,270	29	99 355	55 947,955	1 873 133,391	33,480	33,018
30	98 933	54 618,088	1 712 923,556	31,362	30,900	30	99 330	54 837,401	1 817 185,437	33,138	32,676
31	98 881	53 518,867	1 658 305,468	30,985	30,524	31	99 302	53 746,954	1 762 348,036	32,790	32,328
32	98 824	52 439,379	1 604 786,601	30,603	30,141	32	99 270	52 676,125	1 708 601,082	32,436	31,974
33	98 764	51 379,749	1 552 347,222	30,213	29,752	33	99 237	51 625,912	1 655 924,957	32,075	31,614
34	98 695	50 336,987	1 500 967,473	29,818	29,357	34	99 202	50 595,913	1 604 299,044	31,708	31,246
35	98 625	49 315,306	1 450 630,486	29,415	28,954	35	99 164	49 584,898	1 553 703,131	31,334	30,873
36	98 551	48 311,837	1 401 315,180	29,006	28,544	36	99 118	48 589,946	1 504 118,233	30,955	30,494
37	98 464	47 322,718	1 353 003,343	28,591	28,129	37	99 071	47 614,486	1 455 528,287	30,569	30,107
38	98 365	46 348,540	1 305 680,625	28,171	27,709	38	99 021	46 657,298	1 407 913,801	30,176	29,714
39	98 266	45 393,576	1 259 332,085	27,743	27,281	39	98 966	45 717,103	1 361 256,503	29,776	29,314
40	98 152	44 452,121	1 213 938,509	27,309	26,847	40	98 901	44 791,527	1 315 539,400	29,370	28,909
41	98 031	43 526,577	1 169 486,387	26,868	26,407	41	98 839	43 885,459	1 270 747,873	28,956	28,494
42	97 888	42 611,206	1 125 959,810	26,424	25,962	42	98 766	42 993,425	1 226 862,415	28,536	28,074
43	97 750	41 716,597	1 083 348,604	25,969	25,508	43	98 687	42 116,407	1 183 868,990	28,109	27,648
44	97 594	40 833,404	1 041 632,008	25,509	25,048	44	98 598	41 253,611	1 141 752,583	27,676	27,215
45	97 425	39 963,339	1 000 798,604	25,043	24,581	45	98 505	40 406,463	1 100 498,971	27,236	26,774
46	97 242	39 106,111	960 835,265	24,570	24,108	46	98 399	39 571,567	1 060 092,509	26,789	26,328
47	97 041	38 260,241	921 729,154	24,091	23,629	47	98 283	38 749,713	1 020 520,941	26,336	25,875
48	96 815	37 422,582	883 468,912	23,608	23,146	48	98 155	37 940,552	981 771,228	25,877	25,415
49	96 561	36 592,520	846 046,330	23,121	22,659	49	98 006	37 140,188	943 830,677	25,413	24,951

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 2,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	35 769,662	809 453,810	22,630	22,168	50	97 841	36 350,629	906 690,488	24,943	24,481
51	95 968	34 955,609	773 684,148	22,133	21,672	51	97 661	35 572,159	870 339,859	24,467	24,005
52	95 624	34 147,589	738 728,538	21,633	21,172	52	97 458	34 802,248	834 767,701	23,986	23,524
53	95 242	33 344,251	704 580,949	21,131	20,669	53	97 243	34 044,637	799 965,452	23,498	23,036
54	94 812	32 542,880	671 236,698	20,626	20,165	54	97 002	33 294,367	765 920,816	23,005	22,543
55	94 338	31 744,994	638 693,818	20,120	19,658	55	96 735	32 551,632	732 626,449	22,507	22,045
56	93 801	30 945,557	606 948,825	19,613	19,152	56	96 434	31 814,039	700 074,816	22,005	21,544
57	93 207	30 146,622	576 003,268	19,107	18,645	57	96 108	31 084,761	668 260,778	21,498	21,036
58	92 548	29 346,567	545 856,646	18,600	18,139	58	95 747	30 360,782	637 176,016	20,987	20,525
59	91 833	28 548,918	516 510,080	18,092	17,630	59	95 347	29 641,245	606 815,234	20,472	20,010
60	91 035	27 745,920	487 961,162	17,587	17,125	60	94 905	28 925,366	577 173,989	19,954	19,492
61	90 165	26 941,988	460 215,242	17,082	16,620	61	94 418	28 212,815	548 248,624	19,433	18,971
62	89 210	26 133,916	433 273,253	16,579	16,117	62	93 891	27 505,111	520 035,809	18,907	18,445
63	88 162	25 320,349	407 139,337	16,080	15,618	63	93 316	26 800,712	492 530,698	18,378	17,916
64	87 020	24 502,286	381 818,989	15,583	15,121	64	92 685	26 097,583	465 729,985	17,846	17,384
65	85 790	23 682,342	357 316,703	15,088	14,626	65	91 999	25 396,305	439 632,402	17,311	16,849
66	84 473	22 861,540	333 634,360	14,594	14,132	66	91 261	24 698,811	414 236,097	16,771	16,310
67	83 054	22 036,743	310 772,821	14,102	13,641	67	90 462	24 002,455	389 537,286	16,229	15,767
68	81 552	21 214,033	288 736,078	13,611	13,149	68	89 616	23 311,610	365 534,831	15,680	15,219
69	79 951	20 389,630	267 522,044	13,120	12,659	69	88 701	22 621,313	342 223,221	15,128	14,667
70	78 265	19 568,393	247 132,414	12,629	12,168	70	87 677	21 921,686	319 601,909	14,579	14,118
71	76 503	18 752,832	227 564,021	12,135	11,673	71	86 577	21 222,089	297 680,222	14,027	13,565
72	74 595	17 926,645	208 811,189	11,648	11,186	72	85 381	20 518,546	276 458,133	13,474	13,012
73	72 635	17 113,206	190 884,544	11,154	10,693	73	84 104	19 815,526	255 939,588	12,916	12,455
74	70 541	16 293,952	173 771,338	10,665	10,203	74	82 697	19 101,855	236 124,062	12,361	11,900
75	68 341	15 476,322	157 477,386	10,175	9,714	75	81 192	18 386,620	217 022,207	11,803	11,342
76	66 001	14 653,364	142 001,065	9,691	9,229	76	79 559	17 663,413	198 635,587	11,246	10,784
77	63 529	13 828,072	127 347,701	9,209	8,748	77	77 797	16 933,519	180 972,174	10,687	10,226
78	60 972	13 011,105	113 519,629	8,725	8,263	78	75 934	16 204,075	164 038,655	10,123	9,662
79	58 245	12 185,535	100 508,523	8,248	7,787	79	73 868	15 454,121	147 834,580	9,566	9,104
80	55 363	11 355,567	88 322,989	7,778	7,316	80	71 592	14 684,318	132 380,459	9,015	8,553
81	52 275	10 511,855	76 967,421	7,322	6,860	81	69 068	13 888,751	117 696,141	8,474	8,013
82	49 023	9 664,713	66 455,567	6,876	6,414	82	66 277	13 066,111	103 807,390	7,945	7,483
83	45 621	8 817,623	56 790,853	6,441	5,979	83	63 161	12 207,818	90 741,279	7,433	6,971
84	42 017	7 961,803	47 973,231	6,025	5,564	84	59 675	11 307,840	78 533,461	6,945	6,483
85	38 253	7 106,460	40 011,428	5,630	5,169	85	55 869	10 378,956	67 225,621	6,477	6,015
86	34 355	6 257,100	32 904,967	5,259	4,797	86	51 751	9 425,581	56 846,664	6,031	5,569
87	30 415	5 430,968	26 647,868	4,907	4,445	87	47 338	8 452,727	47 421,084	5,610	5,149
88	26 491	4 637,449	21 216,900	4,575	4,114	88	42 647	7 465,790	38 968,357	5,220	4,758
89	22 604	3 879,401	16 579,451	4,274	3,812	89	37 815	6 490,084	31 502,567	4,854	4,392
90	18 870	3 175,069	12 700,050	4,000	3,538	90	32 944	5 543,256	25 012,483	4,512	4,051
91	15 409	2 541,964	9 524,981	3,747	3,285	91	28 098	4 635,047	19 469,228	4,200	3,739
92	12 317	1 991,994	6 983,017	3,506	3,044	92	23 435	3 790,159	14 834,180	3,914	3,452
93	9 559	1 515,598	4 991,023	3,293	2,831	93	19 031	3 017,465	11 044,021	3,660	3,198
94	7 217	1 121,919	3 475,425	3,098	2,636	94	15 045	2 338,658	8 026,556	3,432	2,971
95	5 269	803,051	2 353,506	2,931	2,469	95	11 593	1 766,703	5 687,898	3,219	2,758
96	3 736	558,265	1 550,455	2,777	2,316	96	8 645	1 291,679	3 921,195	3,036	2,574
97	2 561	375,155	992,190	2,645	2,183	97	6 230	912,644	2 629,516	2,881	2,420
98	1 708	245,343	617,035	2,515	2,053	98	4 394	631,030	1 716,872	2,721	2,259
99	1 107	155,858	371,692	2,385	1,923	99	2 992	421,291	1 085,842	2,577	2,116
100	686	94,630	215,834	2,281	1,819	100	1 965	271,255	664,551	2,450	1,988

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 2,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	3 714 977,717	37,150	36,688	0	100 000	100 000,000	3 804 445,333	38,044	37,582
1	99 661	97 468,364	3 614 977,717	37,089	36,627	1	99 711	97 516,687	3 704 445,333	37,988	37,526
2	99 637	95 300,546	3 517 509,352	36,910	36,448	2	99 689	95 349,632	3 606 928,646	37,828	37,366
3	99 624	93 191,070	3 422 208,806	36,722	36,260	3	99 676	93 239,220	3 511 579,014	37,662	37,200
4	99 612	91 129,607	3 329 017,736	36,531	36,069	4	99 666	91 178,410	3 418 339,794	37,491	37,029
5	99 601	89 114,141	3 237 888,129	36,334	35,872	5	99 656	89 163,830	3 327 161,384	37,315	36,853
6	99 592	87 145,274	3 148 773,988	36,132	35,670	6	99 650	87 195,865	3 237 997,554	37,135	36,673
7	99 583	85 219,977	3 061 628,715	35,926	35,464	7	99 642	85 270,903	3 150 801,689	36,950	36,488
8	99 573	83 336,621	2 976 408,737	35,715	35,253	8	99 638	83 390,555	3 065 530,785	36,761	36,299
9	99 566	81 496,601	2 893 072,116	35,499	35,037	9	99 630	81 549,677	2 982 140,231	36,568	36,106
10	99 558	79 696,880	2 811 575,515	35,278	34,816	10	99 625	79 750,946	2 900 590,554	36,371	35,909
11	99 550	77 937,354	2 731 878,635	35,052	34,590	11	99 620	77 991,699	2 820 839,607	36,168	35,706
12	99 543	76 217,084	2 653 941,281	34,821	34,359	12	99 612	76 269,635	2 742 847,908	35,963	35,500
13	99 535	74 533,336	2 577 724,197	34,585	34,123	13	99 606	74 586,616	2 666 578,273	35,751	35,289
14	99 525	72 886,465	2 503 190,861	34,344	33,882	14	99 598	72 939,580	2 591 991,657	35,536	35,074
15	99 513	71 273,800	2 430 304,396	34,098	33,636	15	99 589	71 327,972	2 519 052,077	35,316	34,854
16	99 497	69 694,594	2 359 030,597	33,848	33,386	16	99 577	69 750,332	2 447 724,105	35,093	34,631
17	99 475	68 145,386	2 289 336,003	33,595	33,133	17	99 564	68 206,763	2 377 973,773	34,864	34,402
18	99 448	66 628,084	2 221 190,617	33,337	32,875	18	99 551	66 697,232	2 309 767,011	34,631	34,169
19	99 410	65 136,787	2 154 562,533	33,078	32,615	19	99 535	65 218,978	2 243 069,779	34,393	33,931
20	99 370	63 677,753	2 089 425,746	32,812	32,350	20	99 519	63 773,358	2 177 850,800	34,150	33,688
21	99 329	62 250,834	2 025 747,993	32,542	32,080	21	99 503	62 359,823	2 114 077,442	33,901	33,439
22	99 289	60 856,387	1 963 497,159	32,264	31,802	22	99 486	60 977,247	2 051 717,619	33,647	33,185
23	99 247	59 492,298	1 902 640,772	31,981	31,519	23	99 469	59 625,444	1 990 740,372	33,387	32,925
24	99 205	58 158,728	1 843 148,474	31,692	31,230	24	99 453	58 303,855	1 931 114,928	33,122	32,660
25	99 160	56 852,897	1 784 989,746	31,397	30,935	25	99 436	57 011,518	1 872 811,073	32,850	32,388
26	99 116	55 577,297	1 728 136,848	31,094	30,632	26	99 417	55 746,146	1 815 799,555	32,573	32,111
27	99 072	54 330,373	1 672 559,551	30,785	30,323	27	99 399	54 509,741	1 760 053,409	32,289	31,827
28	99 028	53 110,942	1 618 229,178	30,469	30,007	28	99 379	53 299,078	1 705 543,669	31,999	31,537
29	98 982	51 918,217	1 565 118,236	30,146	29,684	29	99 355	52 113,832	1 652 244,590	31,705	31,243
30	98 933	50 750,713	1 513 200,019	29,816	29,354	30	99 330	50 954,496	1 600 130,758	31,403	30,941
31	98 881	49 607,737	1 462 449,306	29,480	29,018	31	99 302	49 819,156	1 549 176,262	31,096	30,634
32	98 824	48 488,294	1 412 841,568	29,138	28,676	32	99 270	48 707,202	1 499 357,106	30,783	30,321
33	98 764	47 392,345	1 364 353,274	28,788	28,326	33	99 237	47 619,404	1 450 649,904	30,463	30,001
34	98 695	46 316,986	1 316 960,930	28,434	27,972	34	99 202	46 555,234	1 403 030,500	30,137	29,675
35	98 625	45 265,952	1 270 643,944	28,071	27,609	35	99 164	45 513,408	1 356 475,266	29,804	29,342
36	98 551	44 236,457	1 225 377,992	27,701	27,239	36	99 118	44 491,106	1 310 961,858	29,466	29,004
37	98 464	43 224,832	1 181 141,535	27,326	26,864	37	99 071	43 491,335	1 266 470,752	29,120	28,658
38	98 365	42 231,504	1 137 916,702	26,945	26,483	38	99 021	42 512,836	1 222 979,417	28,767	28,305
39	98 266	41 260,240	1 095 685,198	26,555	26,093	39	98 966	41 554,307	1 180 466,581	28,408	27,946
40	98 152	40 305,721	1 054 424,958	26,161	25,699	40	98 901	40 613,467	1 138 912,274	28,043	27,581
41	98 031	39 370,014	1 014 119,237	25,759	25,297	41	98 839	39 694,625	1 098 298,806	27,669	27,207
42	97 888	38 447,822	974 749,223	25,353	24,891	42	98 766	38 792,695	1 058 604,182	27,289	26,827
43	97 750	37 548,590	936 301,401	24,936	24,474	43	98 687	37 908,455	1 019 811,486	26,902	26,440
44	97 594	36 663,777	898 752,811	24,513	24,051	44	98 598	37 041,076	981 903,032	26,508	26,046
45	97 425	35 794,825	862 089,033	24,084	23,622	45	98 505	36 191,727	944 861,955	26,107	25,645
46	97 242	34 941,373	826 294,208	23,648	23,186	46	98 399	35 357,259	908 670,228	25,700	25,238
47	97 041	34 102,003	791 352,835	23,205	22,743	47	98 283	34 538,278	873 312,969	25,285	24,823
48	96 815	33 273,830	757 250,832	22,758	22,296	48	98 155	33 734,376	838 774,691	24,864	24,402
49	96 561	32 456,241	723 977,002	22,306	21,844	49	98 006	32 942,003	805 040,315	24,438	23,976

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 2,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	31 648,825	691 520,761	21,850	21,388	50	97 841	32 162,862	772 098,312	24,006	23,544
51	95 968	30 852,935	659 871,936	21,388	20,926	51	97 661	31 397,121	739 935,451	23,567	23,105
52	95 624	30 066,059	629 019,000	20,921	20,459	52	97 458	30 642,470	708 538,329	23,123	22,661
53	95 242	29 286,960	598 952,941	20,451	19,989	53	97 243	29 902,123	677 895,860	22,670	22,208
54	94 812	28 513,213	569 665,981	19,979	19,517	54	97 002	29 171,646	647 993,737	22,213	21,751
55	94 338	27 746,121	541 152,769	19,504	19,042	55	96 735	28 451,149	618 822,091	21,750	21,288
56	93 801	26 981,257	513 406,648	19,028	18,566	56	96 434	27 738,482	590 370,942	21,283	20,821
57	93 207	26 220,405	486 425,390	18,551	18,089	57	96 108	27 036,364	562 632,460	20,810	20,348
58	92 548	25 462,140	460 204,986	18,074	17,612	58	95 747	26 342,110	535 596,097	20,332	19,870
59	91 833	24 709,508	434 742,846	17,594	17,132	59	95 347	25 654,933	509 253,987	19,850	19,388
60	91 035	23 955,786	410 033,338	17,116	16,654	60	94 905	24 974,118	483 599,054	19,364	18,902
61	90 165	23 204,799	386 077,551	16,638	16,176	61	94 418	24 299,346	458 624,935	18,874	18,412
62	89 210	22 453,782	362 872,753	16,161	15,699	62	93 891	23 631,888	434 325,590	18,379	17,917
63	88 162	21 701,590	340 418,970	15,686	15,224	63	93 316	22 970,382	410 693,702	17,879	17,417
64	87 020	20 949,098	318 717,381	15,214	14,752	64	92 685	22 313,054	387 723,321	17,377	16,915
65	85 790	20 198,552	297 768,282	14,742	14,280	65	91 999	21 660,382	365 410,267	16,870	16,408
66	84 473	19 450,820	277 569,731	14,270	13,808	66	91 261	21 013,988	343 749,884	16,358	15,896
67	83 054	18 703,234	258 118,911	13,801	13,339	67	90 462	20 371,592	322 735,896	15,842	15,380
68	81 552	17 960,954	239 415,677	13,330	12,868	68	89 616	19 736,876	302 364,305	15,320	14,858
69	79 951	17 220,761	221 454,723	12,860	12,398	69	88 701	19 105,605	282 627,429	14,793	14,331
70	78 265	16 486,749	204 233,962	12,388	11,926	70	87 677	18 469,444	263 521,824	14,268	13,806
71	76 503	15 760,993	187 747,214	11,912	11,450	71	86 577	17 836,303	245 052,380	13,739	13,277
72	74 595	15 029,778	171 986,220	11,443	10,981	72	85 381	17 202,840	227 216,077	13,208	12,746
73	72 635	14 312,708	156 956,442	10,966	10,504	73	84 104	16 572,805	210 013,237	12,672	12,210
74	70 541	13 594,202	142 643,734	10,493	10,031	74	82 697	15 936,863	193 440,432	12,138	11,676
75	68 341	12 880,475	129 049,533	10,019	9,557	75	81 192	15 302,628	177 503,570	11,600	11,138
76	66 001	12 165,734	116 169,058	9,549	9,087	76	79 559	14 664,782	162 200,941	11,061	10,599
77	63 529	11 452,478	104 003,324	9,081	8,619	77	77 797	14 024,425	147 536,160	10,520	10,058
78	60 972	10 749,515	92 550,845	8,610	8,148	78	75 934	13 387,483	133 511,735	9,973	9,511
79	58 245	10 042,831	81 801,330	8,145	7,683	79	73 868	12 736,669	120 124,251	9,431	8,969
80	55 363	9 335,923	71 758,499	7,686	7,224	80	71 592	12 072,638	107 387,583	8,895	8,433
81	52 275	8 621,138	62 422,576	7,241	6,779	81	69 068	11 390,649	95 314,945	8,368	7,906
82	49 023	7 906,988	53 801,438	6,804	6,342	82	66 277	10 689,773	83 924,296	7,851	7,389
83	45 621	7 196,320	45 894,450	6,377	5,915	83	63 161	9 963,158	73 234,523	7,351	6,889
84	42 017	6 481,973	38 698,130	5,970	5,508	84	59 675	9 206,096	63 271,365	6,873	6,411
85	38 253	5 771,464	32 216,156	5,582	5,120	85	55 869	8 429,200	54 065,269	6,414	5,952
86	34 355	5 069,237	26 444,692	5,217	4,755	86	51 751	7 636,206	45 636,069	5,976	5,514
87	30 415	4 389,182	21 375,455	4,870	4,408	87	47 338	6 831,298	37 999,863	5,563	5,101
88	26 491	3 738,716	16 986,273	4,543	4,081	88	42 647	6 018,926	31 168,565	5,178	4,716
89	22 604	3 119,930	13 247,557	4,246	3,784	89	37 815	5 219,518	25 149,639	4,818	4,356
90	18 870	2 547,241	10 127,627	3,976	3,514	90	32 944	4 447,151	19 930,121	4,482	4,020
91	15 409	2 034,338	7 580,386	3,726	3,264	91	28 098	3 709,437	15 482,970	4,174	3,712
92	12 317	1 590,298	5 546,048	3,487	3,025	92	23 435	3 025,855	11 773,533	3,891	3,429
93	9 559	1 207,012	3 955,749	3,277	2,815	93	19 031	2 403,089	8 747,678	3,640	3,178
94	7 217	891,304	2 748,737	3,084	2,622	94	15 045	1 857,937	6 344,590	3,415	2,953
95	5 269	636,421	1 857,433	2,919	2,457	95	11 593	1 400,119	4 486,652	3,204	2,742
96	3 736	441,345	1 221,013	2,767	2,305	96	8 645	1 021,157	3 086,534	3,023	2,561
97	2 561	295,860	779,667	2,635	2,173	97	6 230	719,741	2 065,376	2,870	2,408
98	1 708	193,012	483,807	2,507	2,045	98	4 394	496,434	1 345,635	2,711	2,249
99	1 107	122,315	290,795	2,377	1,915	99	2 992	330,621	849,201	2,569	2,106
100	686	74,082	168,480	2,274	1,812	100	1 965	212,356	518,580	2,442	1,980

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 2,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	3 473 342,894	34,733	34,271	0	100 000	100 000,000	3 548 365,386	35,484	35,021
1	99 661	97 230,636	3 373 342,894	34,694	34,232	1	99 711	97 278,842	3 448 365,386	35,448	34,986
2	99 637	94 836,232	3 276 112,258	34,545	34,083	2	99 689	94 885,079	3 351 086,545	35,317	34,855
3	99 624	92 510,846	3 181 276,025	34,388	33,926	3	99 676	92 558,644	3 256 201,466	35,180	34,717
4	99 612	90 243,785	3 088 765,179	34,227	33,764	4	99 666	90 292,114	3 163 642,821	35,038	34,575
5	99 601	88 032,672	2 998 521,394	34,061	33,599	5	99 656	88 081,758	3 073 350,708	34,892	34,430
6	99 592	85 877,728	2 910 488,723	33,891	33,429	6	99 650	85 927,584	2 985 268,950	34,742	34,279
7	99 583	83 775,605	2 824 610,995	33,716	33,254	7	99 642	83 825,668	2 899 341,366	34,588	34,125
8	99 573	81 724,355	2 740 835,390	33,538	33,075	8	99 638	81 777,244	2 815 515,698	34,429	33,967
9	99 566	79 725,005	2 659 111,035	33,354	32,891	9	99 630	79 776,928	2 733 738,454	34,267	33,805
10	99 558	77 774,250	2 579 386,030	33,165	32,703	10	99 625	77 827,012	2 653 961,526	34,101	33,638
11	99 550	75 871,667	2 501 611,780	32,972	32,509	11	99 620	75 924,571	2 576 134,514	33,930	33,468
12	99 543	74 016,022	2 425 740,113	32,773	32,311	12	99 612	74 067,056	2 500 209,943	33,756	33,294
13	99 535	72 204,361	2 351 724,091	32,570	32,108	13	99 606	72 255,976	2 426 142,887	33,577	33,115
14	99 525	70 436,733	2 279 519,730	32,363	31,900	14	99 598	70 488,063	2 353 886,911	33,394	32,932
15	99 513	68 710,274	2 209 082,997	32,151	31,688	15	99 589	68 762,498	2 283 398,848	33,207	32,745
16	99 497	67 023,995	2 140 372,723	31,934	31,472	16	99 577	67 077,597	2 214 636,350	33,016	32,554
17	99 475	65 374,311	2 073 348,728	31,715	31,253	17	99 564	65 433,192	2 147 558,752	32,821	32,358
18	99 448	63 762,810	2 007 974,417	31,491	31,029	18	99 551	63 828,984	2 082 125,560	32,620	32,158
19	99 410	62 183,607	1 944 211,607	31,266	30,803	19	99 535	62 262,072	2 018 296,576	32,416	31,954
20	99 370	60 642,453	1 882 028,000	31,035	30,572	20	99 519	60 733,500	1 956 034,504	32,207	31,744
21	99 329	59 138,956	1 821 385,548	30,798	30,336	21	99 503	59 242,497	1 895 301,004	31,992	31,530
22	99 289	57 673,206	1 762 246,592	30,556	30,093	22	99 486	57 787,744	1 836 058,507	31,772	31,310
23	99 247	56 242,954	1 704 573,386	30,307	29,845	23	99 469	56 368,828	1 778 270,763	31,547	31,085
24	99 205	54 848,118	1 648 330,432	30,053	29,590	24	99 453	54 984,984	1 721 901,935	31,316	30,853
25	99 160	53 485,848	1 593 482,314	29,793	29,330	25	99 436	53 635,074	1 666 916,952	31,079	30,616
26	99 116	52 158,267	1 539 996,466	29,525	29,063	26	99 417	52 316,729	1 613 281,877	30,837	30,374
27	99 072	50 863,691	1 487 838,198	29,251	28,789	27	99 399	51 031,614	1 560 965,148	30,588	30,126
28	99 028	49 600,796	1 436 974,507	28,971	28,508	28	99 379	49 776,497	1 509 933,535	30,334	29,872
29	98 982	48 368,638	1 387 373,712	28,683	28,221	29	99 355	48 550,879	1 460 157,037	30,075	29,612
30	98 933	47 165,635	1 339 005,074	28,389	27,927	30	99 330	47 355,023	1 411 606,158	29,809	29,347
31	98 881	45 990,953	1 291 839,439	28,089	27,627	31	99 302	46 186,958	1 364 251,135	29,538	29,075
32	98 824	44 843,484	1 245 848,486	27,782	27,320	32	99 270	45 045,937	1 318 064,178	29,260	28,798
33	98 764	43 723,014	1 201 005,002	27,468	27,006	33	99 237	43 932,493	1 273 018,241	28,977	28,514
34	98 695	42 626,692	1 157 281,988	27,149	26,687	34	99 202	42 845,958	1 229 085,748	28,686	28,224
35	98 625	41 557,791	1 114 655,296	26,822	26,359	35	99 164	41 784,975	1 186 239,790	28,389	27,927
36	98 551	40 513,576	1 073 097,505	26,487	26,025	36	99 118	40 746,794	1 144 454,815	28,087	27,625
37	98 464	39 490,535	1 032 583,929	26,148	25,685	37	99 071	39 734,014	1 103 708,020	27,777	27,315
38	98 365	38 488,918	993 093,394	25,802	25,340	38	99 021	38 745,318	1 063 974,007	27,461	26,998
39	98 266	37 512,011	954 604,476	25,448	24,986	39	98 966	37 779,365	1 025 228,689	27,137	26,675
40	98 152	36 554,828	917 092,465	25,088	24,626	40	98 901	36 833,935	987 449,324	26,808	26,346
41	98 031	35 619,111	880 537,637	24,721	24,259	41	98 839	35 912,795	950 615,389	26,470	26,008
42	97 888	34 699,938	844 918,526	24,349	23,887	42	98 766	35 011,193	914 702,595	26,126	25,664
43	97 750	33 805,709	810 218,588	23,967	23,504	43	98 687	34 129,701	879 691,402	25,775	25,313
44	97 594	32 928,585	776 412,880	23,579	23,116	44	98 598	33 267,446	845 561,700	25,417	24,955
45	97 425	32 069,748	743 484,295	23,183	22,721	45	98 505	32 425,346	812 294,255	25,051	24,589
46	97 242	31 228,759	711 414,547	22,781	22,318	46	98 399	31 600,456	779 868,909	24,679	24,217
47	97 041	30 404,237	680 185,788	22,371	21,909	47	98 283	30 793,205	748 268,453	24,300	23,837
48	96 815	29 593,508	649 781,551	21,957	21,494	48	98 155	30 003,115	717 475,248	23,913	23,451
49	96 561	28 795,945	620 188,043	21,537	21,075	49	98 006	29 226,924	687 472,133	23,522	23,059

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 2,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	28 011,100	591 392,098	21,113	20,650	50	97 841	28 466,053	658 245,209	23,124	22,661
51	95 968	27 240,088	563 380,998	20,682	20,220	51	97 661	27 720,550	629 779,157	22,719	22,256
52	95 624	26 480,609	536 140,910	20,247	19,784	52	97 458	26 988,281	602 058,606	22,308	21,846
53	95 242	25 731,506	509 660,301	19,807	19,344	53	97 243	26 271,988	575 070,325	21,889	21,427
54	94 812	24 990,591	483 928,795	19,364	18,902	54	97 002	25 567,679	548 798,337	21,465	21,002
55	94 338	24 258,955	458 938,204	18,918	18,456	55	96 735	24 875,374	523 230,658	21,034	20,572
56	93 801	23 532,684	434 679,249	18,471	18,009	56	96 434	24 193,125	498 355,283	20,599	20,137
57	93 207	22 813,300	411 146,565	18,022	17,560	57	96 108	23 523,233	474 162,159	20,157	19,695
58	92 548	22 099,532	388 333,265	17,572	17,110	58	95 747	22 863,290	450 638,926	19,710	19,248
59	91 833	21 393,987	366 233,733	17,119	16,656	59	95 347	22 212,555	427 775,636	19,258	18,796
60	91 035	20 690,811	344 839,746	16,666	16,204	60	94 905	21 570,353	405 563,081	18,802	18,339
61	90 165	19 993,293	324 148,935	16,213	15,750	61	94 418	20 936,357	383 992,729	18,341	17,879
62	89 210	19 299,030	304 155,642	15,760	15,298	62	93 891	20 311,612	363 056,372	17,874	17,412
63	88 162	18 607,027	284 856,612	15,309	14,847	63	93 316	19 694,894	342 744,760	17,403	16,940
64	87 020	17 918,028	266 249,585	14,859	14,397	64	92 685	19 084,637	323 049,866	16,927	16,465
65	85 790	17 233,940	248 331,557	14,409	13,947	65	91 999	18 481,212	303 965,230	16,447	15,985
66	84 473	16 555,477	231 097,617	13,959	13,497	66	91 261	17 885,960	285 484,018	15,961	15,499
67	83 054	15 880,345	214 542,141	13,510	13,047	67	90 462	17 296,897	267 598,057	15,471	15,008
68	81 552	15 212,902	198 661,795	13,059	12,596	68	89 616	16 717,106	250 301,160	14,973	14,510
69	79 951	14 550,385	183 448,893	12,608	12,145	69	88 701	16 142,951	233 584,054	14,470	14,007
70	78 265	13 896,218	168 898,508	12,154	11,692	70	87 677	15 567,376	217 441,103	13,968	13,505
71	76 503	13 252,097	155 002,291	11,696	11,234	71	86 577	14 997,051	201 873,727	13,461	12,998
72	74 595	12 606,458	141 750,193	11,244	10,782	72	85 381	14 429,146	186 876,676	12,951	12,489
73	72 635	11 975,723	129 143,735	10,784	10,321	73	84 104	13 866,791	172 447,529	12,436	11,974
74	70 541	11 346,792	117 168,012	10,326	9,864	74	82 697	13 302,162	158 580,738	11,921	11,459
75	68 341	10 724,838	105 821,220	9,867	9,405	75	81 192	12 741,627	145 278,577	11,402	10,939
76	66 001	10 105,007	95 096,383	9,411	8,948	76	79 559	12 180,747	132 536,950	10,881	10,418
77	63 529	9 489,367	84 991,375	8,956	8,494	77	77 797	11 620,446	120 356,204	10,357	9,895
78	60 972	8 885,177	75 502,009	8,498	8,035	78	75 934	11 065,630	108 735,758	9,826	9,364
79	58 245	8 280,810	66 616,832	8,045	7,582	79	73 868	10 502,012	97 670,127	9,300	8,838
80	55 363	7 679,153	58 336,022	7,597	7,134	80	71 592	9 930,207	87 168,116	8,778	8,316
81	52 275	7 073,920	50 656,869	7,161	6,699	81	69 068	9 346,393	77 237,909	8,264	7,802
82	49 023	6 472,113	43 582,948	6,734	6,272	82	66 277	8 749,908	67 891,516	7,759	7,297
83	45 621	5 876,043	37 110,835	6,316	5,853	83	63 161	8 135,261	59 141,609	7,270	6,807
84	42 017	5 279,845	31 234,793	5,916	5,453	84	59 675	7 498,759	51 006,348	6,802	6,340
85	38 253	4 689,639	25 954,948	5,535	5,072	85	55 869	6 849,198	43 507,589	6,352	5,890
86	34 355	4 108,993	21 265,309	5,175	4,713	86	51 751	6 189,712	36 658,391	5,922	5,460
87	30 415	3 549,081	17 156,316	4,834	4,372	87	47 338	5 523,769	30 468,679	5,516	5,054
88	26 491	3 015,742	13 607,235	4,512	4,050	88	42 647	4 855,017	24 944,910	5,138	4,676
89	22 604	2 510,475	10 591,494	4,219	3,757	89	37 815	4 199,925	20 089,894	4,783	4,321
90	18 870	2 044,658	8 081,018	3,952	3,490	90	32 944	3 569,706	15 889,968	4,451	3,989
91	15 409	1 628,971	6 036,360	3,706	3,243	91	28 098	2 970,285	12 320,262	4,148	3,685
92	12 317	1 270,305	4 407,389	3,470	3,007	92	23 435	2 417,005	9 349,977	3,868	3,406
93	9 559	961,791	3 137,084	3,262	2,799	93	19 031	1 914,868	6 932,972	3,621	3,158
94	7 217	708,491	2 175,294	3,070	2,608	94	15 045	1 476,860	5 018,104	3,398	2,935
95	5 269	504,652	1 466,803	2,907	2,444	95	11 593	1 110,229	3 541,244	3,190	2,727
96	3 736	349,113	962,150	2,756	2,294	96	8 645	807,756	2 431,014	3,010	2,547
97	2 561	233,460	613,037	2,626	2,163	97	6 230	567,941	1 623,259	2,858	2,396
98	1 708	151,933	379,577	2,498	2,036	98	4 394	390,776	1 055,318	2,701	2,238
99	1 107	96,047	227,645	2,370	1,908	99	2 992	259,619	664,542	2,560	2,097
100	686	58,031	131,597	2,268	1,805	100	1 965	166,345	404,923	2,434	1,972

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 2,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	3 256 813,293	32,568	32,105	0	100 000	100 000,000	3 319 861,522	33,199	32,736
1	99 661	96 994,066	3 156 813,293	32,546	32,084	1	99 711	97 042,154	3 219 861,522	33,180	32,717
2	99 637	94 375,304	3 059 819,227	32,422	31,959	2	99 689	94 423,913	3 122 819,369	33,072	32,610
3	99 624	91 837,226	2 965 443,924	32,290	31,827	3	99 676	91 884,676	3 028 395,456	32,959	32,496
4	99 612	89 368,700	2 873 606,698	32,155	31,692	4	99 666	89 416,560	2 936 510,780	32,841	32,378
5	99 601	86 966,913	2 784 237,997	32,015	31,552	5	99 656	87 015,405	2 847 094,220	32,719	32,257
6	99 592	84 631,639	2 697 271,084	31,871	31,408	6	99 650	84 680,772	2 760 078,814	32,594	32,131
7	99 583	82 359,143	2 612 639,444	31,723	31,260	7	99 642	82 408,359	2 675 398,042	32,465	32,002
8	99 573	80 147,094	2 530 280,302	31,570	31,108	8	99 638	80 198,963	2 592 989,683	32,332	31,869
9	99 566	77 996,097	2 450 133,208	31,414	30,951	9	99 630	78 046,893	2 512 790,720	32,196	31,733
10	99 558	75 902,517	2 372 137,111	31,252	30,790	10	99 625	75 954,010	2 434 743,827	32,056	31,593
11	99 550	73 865,562	2 296 234,594	31,087	30,624	11	99 620	73 917,068	2 358 789,817	31,911	31,448
12	99 543	71 883,657	2 222 369,032	30,916	30,453	12	99 612	71 933,220	2 284 872,749	31,764	31,301
13	99 535	69 953,570	2 150 485,375	30,742	30,279	13	99 606	70 003,576	2 212 939,529	31,612	31,149
14	99 525	68 075,006	2 080 531,806	30,562	30,100	14	99 598	68 124,616	2 142 935,954	31,456	30,993
15	99 513	66 244,863	2 012 456,799	30,379	29,916	15	99 589	66 295,213	2 074 811,338	31,297	30,834
16	99 497	64 461,866	1 946 211,936	30,192	29,729	16	99 577	64 513,419	2 008 516,126	31,133	30,670
17	99 475	62 722,263	1 881 750,071	30,001	29,538	17	99 564	62 778,755	1 944 002,707	30,966	30,503
18	99 448	61 027,288	1 819 027,808	29,807	29,344	18	99 551	61 090,624	1 881 223,952	30,794	30,331
19	99 410	59 371,028	1 758 000,520	29,610	29,148	19	99 535	59 445,944	1 820 133,328	30,618	30,155
20	99 370	57 758,706	1 698 629,492	29,409	28,946	20	99 519	57 845,424	1 760 687,384	30,438	29,975
21	99 329	56 189,657	1 640 870,786	29,202	28,740	21	99 503	56 288,035	1 702 841,960	30,252	29,789
22	99 289	54 663,680	1 584 681,129	28,990	28,527	22	99 486	54 772,241	1 646 553,925	30,062	29,599
23	99 247	53 178,358	1 530 017,449	28,771	28,309	23	99 469	53 297,373	1 591 781,684	29,866	29,403
24	99 205	51 733,346	1 476 839,091	28,547	28,084	24	99 453	51 862,439	1 538 484,311	29,665	29,202
25	99 160	50 325,692	1 425 105,745	28,318	27,855	25	99 436	50 466,102	1 486 621,872	29,458	28,995
26	99 116	48 957,143	1 374 780,053	28,081	27,618	26	99 417	49 105,879	1 436 155,771	29,246	28,783
27	99 072	47 625,858	1 325 822,910	27,838	27,375	27	99 399	47 783,091	1 387 049,892	29,028	28,565
28	99 028	46 330,354	1 278 197,052	27,589	27,126	28	99 379	46 494,471	1 339 266,801	28,805	28,342
29	98 982	45 069,513	1 231 866,698	27,333	26,870	29	99 355	45 239,324	1 292 772,330	28,576	28,113
30	98 933	43 841,634	1 186 797,185	27,070	26,607	30	99 330	44 017,675	1 247 533,006	28,342	27,879
31	98 881	42 645,724	1 142 955,551	26,801	26,338	31	99 302	42 827,472	1 203 515,331	28,101	27,639
32	98 824	41 480,546	1 100 309,827	26,526	26,063	32	99 270	41 667,816	1 160 687,859	27,856	27,393
33	98 764	40 345,698	1 058 829,282	26,244	25,781	33	99 237	40 538,997	1 119 020,043	27,604	27,141
34	98 695	39 238,357	1 018 483,583	25,956	25,494	34	99 202	39 440,194	1 078 481,046	27,345	26,882
35	98 625	38 161,345	979 245,226	25,661	25,198	35	99 164	38 369,962	1 039 040,852	27,080	26,617
36	98 551	37 111,955	941 083,881	25,358	24,895	36	99 118	37 325,592	1 000 670,890	26,809	26,346
37	98 464	36 086,794	903 971,926	25,050	24,587	37	99 071	36 309,287	963 345,299	26,532	26,069
38	98 365	35 085,933	867 885,131	24,736	24,273	38	99 021	35 319,663	927 036,011	26,247	25,784
39	98 266	34 112,198	832 799,199	24,414	23,951	39	98 966	34 355,321	891 716,348	25,956	25,493
40	98 152	33 160,887	798 687,000	24,085	23,622	40	98 901	33 414,080	857 361,027	25,659	25,196
41	98 031	32 233,429	765 526,113	23,749	23,287	41	98 839	32 499,197	823 946,947	25,353	24,890
42	97 888	31 325,222	733 292,685	23,409	22,946	42	98 766	31 606,206	791 447,750	25,041	24,578
43	97 750	30 443,708	701 967,462	23,058	22,595	43	98 687	30 735,479	759 841,544	24,722	24,259
44	97 594	29 581,664	671 523,755	22,701	22,238	44	98 598	29 886,082	729 106,064	24,396	23,933
45	97 425	28 740,024	641 942,091	22,336	21,873	45	98 505	29 058,700	699 219,982	24,062	23,600
46	97 242	27 918,259	613 202,068	21,964	21,501	46	98 399	28 250,553	670 161,282	23,722	23,259
47	97 041	27 115,008	585 283,809	21,585	21,122	47	98 283	27 461,897	641 910,729	23,375	22,912
48	96 815	26 327,773	558 168,801	21,201	20,738	48	98 155	26 692,179	614 448,833	23,020	22,557
49	96 561	25 555,892	531 841,027	20,811	20,348	49	98 006	25 938,378	587 756,654	22,660	22,197

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 2,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	24 798,871	506 285,136	20,416	19,953	50	97 841	25 201,651	561 818,276	22,293	21,830
51	95 968	24 057,599	481 486,265	20,014	19,551	51	97 661	24 481,929	536 616,625	21,919	21,456
52	95 624	23 329,949	457 428,666	19,607	19,144	52	97 458	23 777,218	512 134,697	21,539	21,076
53	95 242	22 614,816	434 098,717	19,195	18,733	53	97 243	23 089,833	488 357,478	21,150	20,688
54	94 812	21 910,203	411 483,901	18,780	18,318	54	97 002	22 416,158	465 267,646	20,756	20,293
55	94 338	21 217,002	389 573,698	18,361	17,899	55	96 735	21 756,125	442 851,487	20,355	19,892
56	93 801	20 531,724	368 356,696	17,941	17,478	56	96 434	21 107,943	421 095,363	19,950	19,487
57	93 207	19 855,650	347 824,973	17,518	17,055	57	96 108	20 473,542	399 987,420	19,537	19,074
58	92 548	19 187,619	327 969,323	17,093	16,630	58	95 747	19 850,742	379 513,877	19,118	18,656
59	91 833	18 529,845	308 781,704	16,664	16,201	59	95 347	19 238,826	359 663,135	18,695	18,232
60	91 035	17 877,204	290 251,859	16,236	15,773	60	94 905	18 637,143	340 424,309	18,266	17,803
61	90 165	17 232,507	272 374,655	15,806	15,343	61	94 418	18 045,347	321 787,166	17,832	17,369
62	89 210	16 593,639	255 142,148	15,376	14,913	62	93 891	17 464,275	303 741,819	17,392	16,929
63	88 162	15 959,717	238 548,509	14,947	14,484	63	93 316	16 892,808	286 277,545	16,947	16,484
64	87 020	15 331,352	222 588,792	14,519	14,056	64	92 685	16 329,547	269 384,737	16,497	16,034
65	85 790	14 710,141	207 257,441	14,089	13,627	65	91 999	15 774,758	253 055,191	16,042	15,579
66	84 473	14 096,652	192 547,300	13,659	13,196	66	91 261	15 229,532	237 280,432	15,580	15,117
67	83 054	13 488,892	178 450,647	13,229	12,767	67	90 462	14 692,122	222 050,900	15,114	14,651
68	81 552	12 890,520	164 961,755	12,797	12,334	68	89 616	14 165,094	207 358,778	14,639	14,176
69	79 951	12 299,144	152 071,235	12,364	11,902	69	88 701	13 645,308	193 193,684	14,158	13,695
70	78 265	11 717,610	139 772,091	11,928	11,466	70	87 677	13 126,769	179 548,376	13,678	13,215
71	76 503	11 147,285	128 054,481	11,488	11,025	71	86 577	12 615,090	166 421,606	13,192	12,729
72	74 595	10 578,390	116 907,196	11,052	10,589	72	85 381	12 107,853	153 806,516	12,703	12,240
73	72 635	10 024,675	106 328,806	10,607	10,144	73	84 104	11 607,656	141 698,663	12,207	11,745
74	70 541	9 475,097	96 304,131	10,164	9,701	74	82 697	11 107,921	130 091,008	11,712	11,249
75	68 341	8 933,946	86 829,034	9,719	9,256	75	81 192	10 613,961	118 983,086	11,210	10,747
76	66 001	8 397,138	77 895,088	9,276	8,814	76	79 559	10 122,052	108 369,125	10,706	10,243
77	63 529	7 866,362	69 497,950	8,835	8,372	77	77 797	9 632,954	98 247,074	10,199	9,736
78	60 972	7 347,588	61 631,588	8,388	7,925	78	75 934	9 150,712	88 614,120	9,684	9,221
79	58 245	6 831,146	54 284,000	7,947	7,484	79	73 868	8 663,498	79 463,408	9,172	8,709
80	55 363	6 319,404	47 452,854	7,509	7,046	80	71 592	8 171,863	70 799,911	8,664	8,201
81	52 275	5 807,176	41 133,450	7,083	6,620	81	69 068	7 672,711	62 628,048	8,162	7,700
82	49 023	5 300,208	35 326,274	6,665	6,202	82	66 277	7 165,563	54 955,337	7,669	7,207
83	45 621	4 800,360	30 026,066	6,255	5,792	83	63 161	6 646,000	47 789,773	7,191	6,728
84	42 017	4 302,809	25 225,705	5,863	5,400	84	59 675	6 111,113	41 143,773	6,733	6,270
85	38 253	3 812,522	20 922,896	5,488	5,025	85	55 869	5 568,173	35 032,660	6,292	5,829
86	34 355	3 332,348	17 110,375	5,135	4,672	86	51 751	5 019,789	29 464,487	5,870	5,407
87	30 415	2 871,263	13 778,026	4,799	4,336	87	47 338	4 468,816	24 444,698	5,470	5,007
88	26 491	2 433,847	10 906,763	4,481	4,018	88	42 647	3 918,229	19 975,882	5,098	4,635
89	22 604	2 021,143	8 472,917	4,192	3,729	89	37 815	3 381,292	16 057,653	4,749	4,286
90	18 870	1 642,116	6 451,774	3,929	3,466	90	32 944	2 866,920	12 676,361	4,422	3,959
91	15 409	1 305,084	4 809,658	3,685	3,223	91	28 098	2 379,706	9 809,441	4,122	3,659
92	12 317	1 015,255	3 504,574	3,452	2,989	92	23 435	1 931,723	7 429,735	3,846	3,383
93	9 559	766,813	2 489,318	3,246	2,783	93	19 031	1 526,680	5 498,013	3,601	3,138
94	7 217	563,489	1 722,505	3,057	2,594	94	15 045	1 174,602	3 971,332	3,381	2,918
95	5 269	400,392	1 159,016	2,895	2,432	95	11 593	880,858	2 796,731	3,175	2,712
96	3 736	276,313	758,624	2,746	2,283	96	8 645	639,316	1 915,872	2,997	2,534
97	2 561	184,328	482,311	2,617	2,154	97	6 230	448,415	1 276,557	2,847	2,384
98	1 708	119,666	297,983	2,490	2,027	98	4 394	307,785	828,141	2,691	2,228
99	1 107	75,465	178,317	2,363	1,900	99	2 992	203,985	520,356	2,551	2,088
100	686	45,484	102,852	2,261	1,798	100	1 965	130,380	316,372	2,427	1,964

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 3,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	3 062 204,010	30,622	30,159	0	100 000	100 000,000	3 115 310,106	31,153	30,690
1	99 661	96 758,643	2 962 204,010	30,614	30,151	1	99 711	96 806,614	3 015 310,106	31,148	30,685
2	99 637	93 917,727	2 865 445,367	30,510	30,047	2	99 689	93 966,100	2 918 503,491	31,059	30,596
3	99 624	91 170,130	2 771 527,639	30,400	29,936	3	99 676	91 217,236	2 824 537,391	30,965	30,502
4	99 612	88 504,197	2 680 357,509	30,285	29,822	4	99 666	88 551,594	2 733 320,155	30,867	30,404
5	99 601	85 916,601	2 591 853,312	30,167	29,704	5	99 656	85 964,507	2 644 768,561	30,766	30,303
6	99 592	83 406,594	2 505 936,712	30,045	29,582	6	99 650	83 455,016	2 558 804,054	30,661	30,198
7	99 583	80 969,985	2 422 530,117	29,919	29,456	7	99 642	81 018,371	2 475 349,038	30,553	30,090
8	99 573	78 603,996	2 341 560,133	29,789	29,326	8	99 638	78 654,866	2 394 330,667	30,441	29,978
9	99 566	76 308,747	2 262 956,137	29,655	29,192	9	99 630	76 358,445	2 315 675,801	30,326	29,863
10	99 558	74 080,216	2 186 647,389	29,517	29,054	10	99 625	74 130,472	2 239 317,356	30,208	29,745
11	99 550	71 917,184	2 112 567,174	29,375	28,912	11	99 620	71 967,331	2 165 186,884	30,086	29,622
12	99 543	69 817,683	2 040 649,990	29,228	28,765	12	99 612	69 865,822	2 093 219,553	29,961	29,497
13	99 535	67 778,157	1 970 832,307	29,078	28,614	13	99 606	67 826,608	2 023 353,732	29,831	29,368
14	99 525	65 797,921	1 903 054,150	28,923	28,459	14	99 598	65 845,871	1 955 527,124	29,699	29,235
15	99 513	63 873,585	1 837 256,229	28,764	28,301	15	99 589	63 922,133	1 889 681,253	29,562	29,099
16	99 497	62 003,551	1 773 382,644	28,601	28,138	16	99 577	62 053,138	1 825 759,120	29,423	28,959
17	99 475	60 183,857	1 711 379,093	28,436	27,973	17	99 564	60 238,063	1 763 705,982	29,279	28,816
18	99 448	58 415,349	1 651 195,236	28,266	27,803	18	99 551	58 475,974	1 703 467,919	29,131	28,668
19	99 410	56 692,039	1 592 779,886	28,095	27,632	19	99 535	56 763,575	1 644 991,945	28,980	28,516
20	99 370	55 018,605	1 536 087,847	27,919	27,456	20	99 519	55 101,209	1 588 228,370	28,824	28,361
21	99 329	53 394,080	1 481 069,242	27,738	27,275	21	99 503	53 487,563	1 533 127,161	28,663	28,200
22	99 289	51 817,946	1 427 675,163	27,552	27,089	22	99 486	51 920,855	1 479 639,598	28,498	28,035
23	99 247	50 287,594	1 375 857,217	27,360	26,897	23	99 469	50 400,140	1 427 718,743	28,328	27,864
24	99 205	48 802,392	1 325 569,623	27,162	26,699	24	99 453	48 924,171	1 377 318,604	28,152	27,689
25	99 160	47 359,259	1 276 767,231	26,959	26,496	25	99 436	47 491,393	1 328 394,432	27,971	27,508
26	99 116	45 959,555	1 229 407,972	26,750	26,287	26	99 417	46 099,184	1 280 903,040	27,786	27,323
27	99 072	44 601,264	1 183 448,417	26,534	26,071	27	99 399	44 748,512	1 234 803,856	27,594	27,131
28	99 028	43 282,724	1 138 847,152	26,312	25,849	28	99 379	43 436,045	1 190 055,344	27,398	26,935
29	98 982	42 002,625	1 095 564,429	26,083	25,620	29	99 355	42 160,881	1 146 619,299	27,196	26,733
30	98 933	40 759,130	1 053 561,803	25,848	25,385	30	99 330	40 922,793	1 104 458,418	26,989	26,526
31	98 881	39 551,073	1 012 802,673	25,607	25,144	31	99 302	39 719,632	1 063 535,624	26,776	26,313
32	98 824	38 377,073	973 251,600	25,360	24,897	32	99 270	38 550,332	1 023 815,992	26,558	26,095
33	98 764	37 236,532	934 874,527	25,106	24,643	33	99 237	37 414,935	985 265,660	26,333	25,870
34	98 695	36 126,627	897 637,995	24,847	24,384	34	99 202	36 312,457	947 850,725	26,103	25,639
35	98 625	35 049,747	861 511,368	24,580	24,116	35	99 164	35 241,353	911 538,268	25,866	25,402
36	98 551	34 003,189	826 461,621	24,305	23,842	36	99 118	34 198,930	876 296,915	25,624	25,160
37	98 464	32 983,650	792 458,433	24,026	23,563	37	99 071	33 187,011	842 097,985	25,374	24,911
38	98 365	31 991,017	759 474,782	23,740	23,277	38	99 021	32 204,130	808 910,974	25,118	24,655
39	98 266	31 027,682	727 483,765	23,446	22,983	39	98 966	31 248,821	776 706,844	24,856	24,392
40	98 152	30 089,181	696 456,083	23,146	22,683	40	98 901	30 318,921	745 458,023	24,587	24,124
41	98 031	29 176,645	666 366,902	22,839	22,376	41	98 839	29 417,209	715 139,102	24,310	23,847
42	97 888	28 285,744	637 190,257	22,527	22,064	42	98 766	28 539,464	685 721,892	24,027	23,564
43	97 750	27 423,040	608 904,513	22,204	21,741	43	98 687	27 685,861	657 182,428	23,737	23,274
44	97 594	26 581,853	581 481,473	21,875	21,412	44	98 598	26 855,401	629 496,567	23,440	22,977
45	97 425	25 762,878	554 899,620	21,539	21,076	45	98 505	26 048,544	602 641,165	23,135	22,672
46	97 242	24 965,496	529 136,742	21,195	20,731	46	98 399	25 262,645	576 592,622	22,824	22,361
47	97 041	24 188,349	504 171,246	20,844	20,380	47	98 283	24 497,795	551 329,977	22,505	22,042
48	96 815	23 429,079	479 982,898	20,487	20,023	48	98 155	23 753,363	526 832,182	22,179	21,716
49	96 561	22 686,982	456 553,819	20,124	19,661	49	98 006	23 026,530	503 078,819	21,848	21,385

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 3,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	21 961,510	433 866,837	19,756	19,293	50	97 841	22 318,206	480 052,288	21,509	21,046
51	95 968	21 253,339	411 905,327	19,381	18,918	51	97 661	21 628,207	457 734,082	21,164	20,701
52	95 624	20 560,482	390 651,988	19,000	18,537	52	97 458	20 954,656	436 105,875	20,812	20,349
53	95 242	19 881,867	370 091,506	18,615	18,151	53	97 243	20 299,479	415 151,219	20,451	19,988
54	94 812	19 215,652	350 209,639	18,225	17,762	54	97 002	19 659,384	394 851,739	20,085	19,621
55	94 338	18 562,537	330 993,987	17,831	17,368	55	96 735	19 034,210	375 192,355	19,711	19,248
56	93 801	17 919,395	312 431,450	17,435	16,972	56	96 434	18 422,300	356 158,145	19,333	18,870
57	93 207	17 287,279	294 512,055	17,036	16,573	57	96 108	17 825,246	337 735,846	18,947	18,484
58	92 548	16 665,112	277 224,777	16,635	16,172	58	95 747	17 241,057	319 910,600	18,555	18,092
59	91 833	16 054,749	260 559,665	16,229	15,766	59	95 347	16 669,029	302 669,543	18,158	17,694
60	91 035	15 451,689	244 504,915	15,824	15,361	60	94 905	16 108,522	286 000,514	17,755	17,291
61	90 165	14 858,310	229 053,227	15,416	14,953	61	94 418	15 559,162	269 891,992	17,346	16,883
62	89 210	14 272,735	214 941,917	15,007	14,544	62	93 891	15 021,597	254 332,831	16,931	16,468
63	88 162	13 694,158	199 922,182	14,599	14,136	63	93 316	14 494,793	239 311,233	16,510	16,047
64	87 020	13 123,063	186 228,023	14,191	13,728	64	92 685	13 977,481	224 816,441	16,084	15,621
65	85 790	12 560,769	173 104,960	13,781	13,318	65	91 999	13 469,829	210 838,960	15,653	15,189
66	84 473	12 007,704	160 544,192	13,370	12,907	66	91 261	12 972,705	197 369,131	15,214	14,751
67	83 054	11 462,118	148 536,487	12,959	12,496	67	90 462	12 484,557	184 396,425	14,770	14,307
68	81 552	10 927,068	137 074,370	12,544	12,081	68	89 616	12 007,502	171 911,869	14,317	13,854
69	79 951	10 400,463	126 147,302	12,129	11,666	69	88 701	11 538,813	159 904,367	13,858	13,395
70	78 265	9 884,654	115 746,838	11,710	11,247	70	87 677	11 073,381	148 365,554	13,398	12,935
71	76 503	9 380,719	105 862,185	11,285	10,822	71	86 577	10 615,913	137 292,172	12,933	12,469
72	74 595	8 880,373	96 481,466	10,865	10,401	72	85 381	10 164,330	126 676,259	12,463	12,000
73	72 635	8 395,112	87 601,093	10,435	9,972	73	84 104	9 720,772	116 511,929	11,986	11,523
74	70 541	7 915,612	79 205,981	10,006	9,543	74	82 697	9 279,694	106 791,157	11,508	11,045
75	68 341	7 445,413	71 290,369	9,575	9,112	75	81 192	8 845,511	97 511,464	11,024	10,561
76	66 001	6 981,059	63 844,956	9,145	8,682	76	79 559	8 415,087	88 665,953	10,537	10,073
77	63 529	6 523,919	56 863,897	8,716	8,253	77	77 797	7 989,032	80 250,866	10,045	9,582
78	60 972	6 078,887	50 339,978	8,281	7,818	78	75 934	7 570,667	72 261,834	9,545	9,082
79	58 245	5 637,901	44 261,091	7,851	7,387	79	73 868	7 150,182	64 691,168	9,047	8,584
80	55 363	5 202,889	38 623,190	7,423	6,960	80	71 592	6 728,055	57 540,985	8,552	8,089
81	52 275	4 769,557	33 420,301	7,007	6,544	81	69 068	6 301,761	50 812,930	8,063	7,600
82	49 023	4 342,608	28 650,744	6,598	6,134	82	66 277	5 870,945	44 511,169	7,582	7,118
83	45 621	3 923,522	24 308,136	6,195	5,732	83	63 161	5 432,036	38 640,224	7,113	6,650
84	42 017	3 508,318	20 384,613	5,810	5,347	84	59 675	4 982,728	33 208,188	6,665	6,201
85	38 253	3 101,015	16 876,295	5,442	4,979	85	55 869	4 529,019	28 225,460	6,232	5,769
86	34 355	2 703,874	13 775,280	5,095	4,631	86	51 751	4 073,067	23 696,440	5,818	5,355
87	30 415	2 324,094	11 071,406	4,764	4,301	87	47 338	3 617,206	19 623,373	5,425	4,962
88	26 491	1 965,253	8 747,312	4,451	3,988	88	42 647	3 163,844	16 006,168	5,059	4,596
89	22 604	1 628,047	6 782,059	4,166	3,703	89	37 815	2 723,658	12 842,323	4,715	4,252
90	18 870	1 319,527	5 154,012	3,906	3,443	90	32 944	2 303,722	10 118,665	4,392	3,929
91	15 409	1 046,159	3 834,485	3,665	3,202	91	28 098	1 907,578	7 814,943	4,097	3,634
92	12 317	811,856	2 788,326	3,435	2,971	92	23 435	1 544,716	5 907,365	3,824	3,361
93	9 559	611,699	1 976,470	3,231	2,768	93	19 031	1 217,857	4 362,649	3,582	3,119
94	7 217	448,413	1 364,771	3,044	2,580	94	15 045	934,725	3 144,792	3,364	2,901
95	5 269	317,851	916,357	2,883	2,420	95	11 593	699,268	2 210,067	3,161	2,697
96	3 736	218,818	598,507	2,735	2,272	96	8 645	506,288	1 510,799	2,984	2,521
97	2 561	145,619	379,688	2,607	2,144	97	6 230	354,248	1 004,511	2,836	2,372
98	1 708	94,307	234,070	2,482	2,019	98	4 394	242,560	650,264	2,681	2,218
99	1 107	59,328	139,763	2,356	1,893	99	2 992	160,366	407,704	2,542	2,079
100	686	35,672	80,435	2,255	1,792	100	1 965	102,252	247,337	2,419	1,956

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 3,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 886 784,294	28,868	28,404	0	100 000	100 000,000	2 931 621,848	29,316	28,853
1	99 661	96 524,361	2 786 784,294	28,871	28,408	1	99 711	96 572,216	2 831 621,848	29,321	28,858
2	99 637	93 463,470	2 690 259,934	28,784	28,320	2	99 689	93 511,610	2 735 049,632	29,248	28,785
3	99 624	90 509,480	2 596 796,463	28,691	28,227	3	99 676	90 556,244	2 641 538,023	29,170	28,707
4	99 612	87 650,122	2 506 286,984	28,594	28,131	4	99 666	87 697,061	2 550 981,779	29,089	28,625
5	99 601	84 881,473	2 418 636,862	28,494	28,031	5	99 656	84 928,802	2 463 284,718	29,004	28,540
6	99 592	82 202,188	2 333 755,389	28,390	27,927	6	99 650	82 249,910	2 378 355,916	28,916	28,453
7	99 583	79 607,541	2 251 553,202	28,283	27,820	7	99 642	79 655,113	2 296 106,006	28,826	28,362
8	99 573	77 094,242	2 171 945,661	28,173	27,709	8	99 638	77 144,135	2 216 450,893	28,731	28,268
9	99 566	74 661,860	2 094 851,419	28,058	27,594	9	99 630	74 710,484	2 139 306,758	28,635	28,171
10	99 558	72 305,924	2 020 189,560	27,939	27,476	10	99 625	72 354,977	2 064 596,273	28,534	28,071
11	99 550	70 024,736	1 947 883,635	27,817	27,353	11	99 620	70 073,564	1 992 241,297	28,431	27,967
12	99 543	67 815,880	1 877 858,900	27,691	27,227	12	99 612	67 862,639	1 922 167,733	28,324	27,861
13	99 535	65 675,425	1 810 043,019	27,560	27,097	13	99 606	65 722,373	1 854 305,094	28,214	27,751
14	99 525	63 602,249	1 744 367,594	27,426	26,963	14	99 598	63 648,599	1 788 582,721	28,101	27,637
15	99 513	61 592,631	1 680 765,345	27,288	26,825	15	99 589	61 639,445	1 724 934,122	27,984	27,521
16	99 497	59 644,609	1 619 172,714	27,147	26,683	16	99 577	59 692,309	1 663 294,677	27,864	27,401
17	99 475	57 753,966	1 559 528,105	27,003	26,539	17	99 564	57 805,984	1 603 602,368	27,741	27,277
18	99 448	55 921,130	1 501 774,139	26,855	26,392	18	99 551	55 979,166	1 545 796,384	27,614	27,150
19	99 410	54 139,994	1 445 853,009	26,706	26,242	19	99 535	54 208,309	1 489 817,218	27,483	27,020
20	99 370	52 414,670	1 391 713,015	26,552	26,088	20	99 519	52 493,365	1 435 608,909	27,348	26,885
21	99 329	50 743,867	1 339 298,345	26,393	25,930	21	99 503	50 832,710	1 383 115,544	27,209	26,746
22	99 289	49 126,724	1 288 554,478	26,229	25,766	22	99 486	49 224,289	1 332 282,834	27,066	26,602
23	99 247	47 560,415	1 239 427,754	26,060	25,596	23	99 469	47 666,857	1 283 058,545	26,917	26,454
24	99 205	46 044,001	1 191 867,338	25,885	25,422	24	99 453	46 158,897	1 235 391,688	26,764	26,300
25	99 160	44 574,247	1 145 823,338	25,706	25,242	25	99 436	44 698,610	1 189 232,791	26,606	26,142
26	99 116	43 152,115	1 101 249,091	25,520	25,057	26	99 417	43 283,215	1 144 534,181	26,443	25,979
27	99 072	41 775,399	1 058 096,976	25,328	24,865	27	99 399	41 913,317	1 101 250,966	26,274	25,811
28	99 028	40 442,238	1 016 321,577	25,130	24,667	28	99 379	40 585,498	1 059 337,649	26,101	25,638
29	98 982	39 151,121	975 879,338	24,926	24,462	29	99 355	39 298,633	1 018 752,151	25,923	25,460
30	98 933	37 900,055	936 728,217	24,716	24,252	30	99 330	38 052,238	979 453,518	25,740	25,276
31	98 881	36 687,690	898 828,162	24,499	24,036	31	99 302	36 844,046	941 401,280	25,551	25,087
32	98 824	35 512,489	862 140,472	24,277	23,813	32	99 270	35 672,815	904 557,235	25,357	24,893
33	98 764	34 373,650	826 627,984	24,048	23,585	33	99 237	34 538,337	868 884,419	25,157	24,693
34	98 695	33 268,330	792 254,333	23,814	23,350	34	99 202	33 439,458	834 346,083	24,951	24,487
35	98 625	32 198,500	758 986,003	23,572	23,108	35	99 164	32 374,519	800 906,625	24,739	24,275
36	98 551	31 161,443	726 787,504	23,323	22,860	36	99 118	31 340,825	768 532,106	24,522	24,058
37	98 464	30 153,922	695 626,060	23,069	22,606	37	99 071	30 339,836	737 191,280	24,298	23,834
38	98 365	29 175,633	665 472,139	22,809	22,346	38	99 021	29 369,991	706 851,445	24,067	23,604
39	98 266	28 228,561	636 296,505	22,541	22,077	39	98 966	28 429,750	677 481,453	23,830	23,366
40	98 152	27 308,443	608 067,944	22,267	21,803	40	98 901	27 516,952	649 051,703	23,587	23,124
41	98 031	26 416,123	580 759,501	21,985	21,521	41	98 839	26 633,927	621 534,751	23,336	22,873
42	97 888	25 547,506	554 343,377	21,699	21,235	42	98 766	25 776,665	594 900,824	23,079	22,615
43	97 750	24 708,345	528 795,871	21,402	20,938	43	98 687	24 945,149	569 124,159	22,815	22,351
44	97 594	23 892,439	504 087,526	21,098	20,635	44	98 598	24 138,311	544 179,010	22,544	22,081
45	97 425	23 100,255	480 195,087	20,787	20,324	45	98 505	23 356,397	520 040,699	22,265	21,802
46	97 242	22 331,082	457 094,832	20,469	20,005	46	98 399	22 596,875	496 684,302	21,980	21,517
47	97 041	21 583,553	434 763,750	20,143	19,680	47	98 283	21 859,676	474 087,427	21,688	21,224
48	96 815	20 855,428	413 180,197	19,812	19,348	48	98 155	21 144,090	452 227,751	21,388	20,924
49	96 561	20 145,951	392 324,769	19,474	19,010	49	98 006	20 447,469	431 083,661	21,082	20,619

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 3,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	19 454,515	372 178,818	19,131	18,667	50	97 841	19 770,493	410 636,192	20,770	20,307
51	95 968	18 781,599	352 724,303	18,780	18,317	51	97 661	19 112,870	390 865,699	20,450	19,987
52	95 624	18 125,326	333 942,704	18,424	17,960	52	97 458	18 472,816	371 752,829	20,124	19,661
53	95 242	17 484,647	315 817,377	18,063	17,599	53	97 243	17 851,907	353 280,014	19,789	19,326
54	94 812	16 857,843	298 332,730	17,697	17,233	54	97 002	17 247,128	335 428,107	19,448	18,985
55	94 338	16 245,436	281 474,887	17,326	16,863	55	96 735	16 658,232	318 180,979	19,101	18,637
56	93 801	15 644,603	265 229,451	16,953	16,490	56	96 434	16 083,666	301 522,747	18,747	18,284
57	93 207	15 056,187	249 584,848	16,577	16,113	57	96 108	15 524,724	285 439,081	18,386	17,922
58	92 548	14 479,173	234 528,661	16,198	15,734	58	95 747	14 979,573	269 914,357	18,019	17,555
59	91 833	13 915,097	220 049,488	15,814	15,350	59	95 347	14 447,510	254 934,785	17,646	17,182
60	91 035	13 359,980	206 134,391	15,429	14,966	60	94 905	13 927,897	240 487,275	17,267	16,803
61	90 165	12 815,821	192 774,411	15,042	14,578	61	94 418	13 420,331	226 559,378	16,882	16,418
62	89 210	12 280,934	179 958,590	14,653	14,190	62	93 891	12 925,290	213 139,047	16,490	16,026
63	88 162	11 754,569	167 677,656	14,265	13,801	63	93 316	12 441,804	200 213,757	16,092	15,628
64	87 020	11 237,087	155 923,087	13,876	13,412	64	92 685	11 968,712	187 771,952	15,689	15,225
65	85 790	10 729,560	144 686,000	13,485	13,021	65	91 999	11 506,090	175 803,240	15,279	14,816
66	84 473	10 232,290	133 956,441	13,092	12,628	66	91 261	11 054,609	164 297,150	14,862	14,399
67	83 054	9 743,722	123 724,151	12,698	12,234	67	90 462	10 612,877	153 242,541	14,439	13,976
68	81 552	9 266,395	113 980,429	12,300	11,837	68	89 616	10 182,627	142 629,664	14,007	13,544
69	79 951	8 798,467	104 714,034	11,901	11,438	69	88 701	9 761,476	132 447,036	13,568	13,105
70	78 265	8 341,861	95 915,566	11,498	11,034	70	87 677	9 345,053	122 685,560	13,128	12,665
71	76 503	7 897,412	87 573,705	11,089	10,625	71	86 577	8 937,294	113 340,508	12,682	12,218
72	74 595	7 458,080	79 676,293	10,683	10,220	72	85 381	8 536,397	104 403,214	12,230	11,767
73	72 635	7 033,468	72 218,213	10,268	9,804	73	84 104	8 144,112	95 866,817	11,771	11,308
74	70 541	6 615,683	65 184,745	9,853	9,389	74	82 697	7 755,750	87 722,705	11,311	10,847
75	68 341	6 207,634	58 569,063	9,435	8,971	75	81 192	7 374,970	79 966,955	10,843	10,379
76	66 001	5 806,385	52 361,429	9,018	8,554	76	79 559	6 999,114	72 591,985	10,372	9,908
77	63 529	5 413,027	46 555,044	8,601	8,137	77	77 797	6 628,661	65 592,871	9,895	9,432
78	60 972	5 031,563	41 142,017	8,177	7,713	78	75 934	6 266,325	58 964,210	9,410	8,946
79	58 245	4 655,254	36 110,454	7,757	7,293	79	73 868	5 903,956	52 697,884	8,926	8,462
80	55 363	4 285,660	31 455,200	7,340	6,876	80	71 592	5 541,951	46 793,929	8,444	7,980
81	52 275	3 919,209	27 169,539	6,932	6,469	81	69 068	5 178,241	41 251,977	7,966	7,503
82	49 023	3 559,739	23 250,331	6,531	6,068	82	66 277	4 812,553	36 073,737	7,496	7,032
83	45 621	3 208,417	19 690,592	6,137	5,674	83	63 161	4 441,987	31 261,184	7,038	6,574
84	42 017	2 861,942	16 482,176	5,759	5,295	84	59 675	4 064,705	26 819,197	6,598	6,134
85	38 253	2 523,555	13 620,234	5,397	4,934	85	55 869	3 685,642	22 754,492	6,174	5,710
86	34 355	2 195,041	11 096,679	5,055	4,592	86	51 751	3 306,570	19 068,850	5,767	5,303
87	30 415	1 882,162	8 901,638	4,729	4,266	87	47 338	2 929,385	15 762,280	5,381	4,917
88	26 491	1 587,702	7 019,476	4,421	3,958	88	42 647	2 556,028	12 832,895	5,021	4,557
89	22 604	1 312,093	5 431,774	4,140	3,676	89	37 815	2 195,079	10 276,867	4,682	4,218
90	18 870	1 060,872	4 119,681	3,883	3,420	90	32 944	1 852,145	8 081,788	4,363	3,900
91	15 409	839,053	3 058,809	3,646	3,182	91	28 098	1 529,940	6 229,643	4,072	3,608
92	12 317	649,558	2 219,755	3,417	2,954	92	23 435	1 235,912	4 699,703	3,803	3,339
93	9 559	488,230	1 570,197	3,216	2,752	93	19 031	972,037	3 463,791	3,563	3,100
94	7 217	357,036	1 081,967	3,030	2,567	94	15 045	744,247	2 491,754	3,348	2,884
95	5 269	252,466	724,931	2,871	2,408	95	11 593	555,423	1 747,507	3,146	2,683
96	3 736	173,385	472,465	2,725	2,261	96	8 645	401,167	1 192,084	2,972	2,508
97	2 561	115,104	299,080	2,598	2,135	97	6 230	280,015	790,917	2,825	2,361
98	1 708	74,364	183,975	2,474	2,010	98	4 394	191,267	510,901	2,671	2,208
99	1 107	46,669	109,611	2,349	1,885	99	2 992	126,149	319,634	2,534	2,070
100	686	27,992	62,942	2,249	1,785	100	1 965	80,240	193,485	2,411	1,948

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 3,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 728 207,500	27,282	26,818	0	100 000	100 000,000	2 766 156,742	27,662	27,198
1	99 661	96 291,210	2 628 207,500	27,294	26,830	1	99 711	96 338,950	2 666 156,742	27,675	27,211
2	99 637	93 012,501	2 531 916,290	27,221	26,757	2	99 689	93 060,408	2 569 817,792	27,615	27,150
3	99 624	89 855,197	2 438 903,788	27,143	26,679	3	99 676	89 901,623	2 476 757,384	27,550	27,086
4	99 612	86 806,324	2 349 048,592	27,061	26,597	4	99 666	86 852,811	2 386 855,761	27,482	27,018
5	99 601	83 861,275	2 262 242,268	26,976	26,512	5	99 656	83 908,035	2 300 002,950	27,411	26,947
6	99 592	81 018,023	2 178 380,993	26,888	26,424	6	99 650	81 065,057	2 216 094,914	27,337	26,873
7	99 583	78 271,234	2 097 362,970	26,796	26,332	7	99 642	78 318,008	2 135 029,857	27,261	26,797
8	99 573	75 617,032	2 019 091,736	26,702	26,238	8	99 638	75 665,969	2 056 711,849	27,181	26,717
9	99 566	73 054,370	1 943 474,705	26,603	26,139	9	99 630	73 101,948	1 981 045,880	27,100	26,636
10	99 558	70 578,266	1 870 420,335	26,501	26,037	10	99 625	70 626,147	1 907 943,933	27,015	26,551
11	99 550	68 186,484	1 799 842,069	26,396	25,932	11	99 620	68 234,030	1 837 317,786	26,927	26,463
12	99 543	65 876,108	1 731 655,585	26,287	25,823	12	99 612	65 921,529	1 769 083,756	26,836	26,372
13	99 535	63 642,778	1 665 779,477	26,174	25,710	13	99 606	63 688,273	1 703 162,228	26,742	26,278
14	99 525	61 484,893	1 602 136,699	26,057	25,593	14	99 598	61 529,700	1 639 473,955	26,645	26,181
15	99 513	59 398,355	1 540 651,806	25,938	25,474	15	99 589	59 443,501	1 577 944,255	26,545	26,081
16	99 497	57 380,795	1 481 253,451	25,814	25,350	16	99 577	57 426,685	1 518 500,754	26,442	25,978
17	99 475	55 427,704	1 423 872,656	25,689	25,225	17	99 564	55 477,627	1 461 074,069	26,336	25,872
18	99 448	53 539,058	1 368 444,952	25,560	25,096	18	99 551	53 594,622	1 405 596,442	26,226	25,762
19	99 410	51 708,591	1 314 905,894	25,429	24,965	19	99 535	51 773,838	1 352 001,820	26,114	25,650
20	99 370	49 939,831	1 263 197,303	25,294	24,830	20	99 519	50 014,810	1 300 227,982	25,997	25,533
21	99 329	48 231,134	1 213 257,471	25,155	24,691	21	99 503	48 315,578	1 250 213,172	25,876	25,412
22	99 289	46 581,282	1 165 026,337	25,011	24,547	22	99 486	46 673,792	1 201 897,593	25,751	25,287
23	99 247	44 987,202	1 118 445,055	24,861	24,397	23	99 469	45 087,885	1 155 223,802	25,622	25,158
24	99 205	43 447,631	1 073 457,853	24,707	24,243	24	99 453	43 556,049	1 110 135,917	25,488	25,024
25	99 160	41 959,159	1 030 010,221	24,548	24,084	25	99 436	42 076,226	1 066 579,868	25,349	24,885
26	99 116	40 522,344	988 051,063	24,383	23,919	26	99 417	40 645,455	1 024 503,642	25,206	24,742
27	99 072	39 134,771	947 528,718	24,212	23,748	27	99 399	39 263,971	983 858,188	25,058	24,594
28	99 028	37 794,367	908 393,948	24,035	23,571	28	99 379	37 928,247	944 594,216	24,905	24,441
29	98 982	36 499,407	870 599,580	23,852	23,388	29	99 355	36 636,928	906 665,969	24,747	24,283
30	98 933	35 247,730	834 100,173	23,664	23,200	30	99 330	35 389,263	870 029,041	24,585	24,121
31	98 881	34 037,793	798 852,443	23,470	23,006	31	99 302	34 182,856	834 639,778	24,417	23,953
32	98 824	32 867,891	764 814,650	23,269	22,805	32	99 270	33 016,279	800 456,923	24,244	23,780
33	98 764	31 737,017	731 946,759	23,063	22,599	33	99 237	31 889,071	767 440,644	24,066	23,602
34	98 695	30 642,286	700 209,742	22,851	22,387	34	99 202	30 799,906	735 551,573	23,882	23,418
35	98 625	29 585,268	669 567,456	22,632	22,168	35	99 164	29 747,001	704 751,668	23,692	23,227
36	98 551	28 563,218	639 982,188	22,406	21,942	36	99 118	28 727,644	675 004,666	23,497	23,033
37	98 464	27 572,941	611 418,969	22,175	21,711	37	99 071	27 742,942	646 277,022	23,295	22,831
38	98 365	26 613,947	583 846,028	21,938	21,474	38	99 021	26 791,240	618 534,080	23,087	22,623
39	98 266	25 687,832	557 232,081	21,692	21,228	39	98 966	25 870,913	591 742,840	22,873	22,409
40	98 152	24 790,505	531 544,249	21,441	20,977	40	98 901	24 979,788	565 871,927	22,653	22,189
41	98 031	23 922,536	506 753,744	21,183	20,719	41	98 839	24 119,780	540 892,139	22,425	21,961
42	97 888	23 080,029	482 831,208	20,920	20,456	42	98 766	23 287,055	516 772,359	22,191	21,727
43	97 750	22 268,000	459 751,179	20,646	20,182	43	98 687	22 481,416	493 485,304	21,951	21,487
44	97 594	21 480,666	437 483,179	20,366	19,902	44	98 598	21 701,719	471 003,889	21,704	21,240
45	97 425	20 718,283	416 002,513	20,079	19,615	45	98 505	20 948,012	449 302,169	21,448	20,984
46	97 242	19 980,044	395 284,230	19,784	19,320	46	98 399	20 217,854	428 354,157	21,187	20,723
47	97 041	19 264,571	375 304,186	19,482	19,018	47	98 283	19 511,027	408 136,303	20,918	20,454
48	96 815	18 569,714	356 039,615	19,173	18,709	48	98 155	18 826,739	388 625,276	20,642	20,178
49	96 561	17 894,666	337 469,902	18,859	18,395	49	98 006	18 162,489	369 798,537	20,361	19,897

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 3,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	17 238,757	319 575,235	18,538	18,074	50	97 841	17 518,746	351 636,048	20,072	19,608
51	95 968	16 602,282	302 336,479	18,211	17,747	51	97 661	16 895,115	334 117,301	19,776	19,312
52	95 624	15 983,460	285 734,196	17,877	17,413	52	97 458	16 289,886	317 222,187	19,474	19,010
53	95 242	15 381,247	269 750,737	17,538	17,074	53	97 243	15 704,325	300 932,301	19,162	18,698
54	94 812	14 794,026	254 369,490	17,194	16,730	54	97 002	15 135,652	285 227,976	18,845	18,381
55	94 338	14 222,157	239 575,465	16,845	16,381	55	96 735	14 583,541	270 092,323	18,520	18,056
56	93 801	13 663,071	225 353,308	16,494	16,030	56	96 434	14 046,523	255 508,783	18,190	17,726
57	93 207	13 117,422	211 690,237	16,138	15,674	57	96 108	13 525,627	241 462,260	17,852	17,388
58	92 548	12 584,239	198 572,815	15,779	15,315	58	95 747	13 019,150	227 936,633	17,508	17,044
59	91 833	12 064,773	185 988,575	15,416	14,952	59	95 347	12 526,390	214 917,483	17,157	16,693
60	91 035	11 555,492	173 923,802	15,051	14,587	60	94 905	12 046,702	202 391,093	16,801	16,337
61	90 165	11 058,056	162 368,310	14,683	14,219	61	94 418	11 579,653	190 344,391	16,438	15,974
62	89 210	10 570,936	151 310,254	14,314	13,850	62	93 891	11 125,572	178 764,737	16,068	15,604
63	88 162	10 093,423	140 739,318	13,944	13,480	63	93 316	10 683,539	167 639,165	15,691	15,227
64	87 020	9 625,764	130 645,895	13,573	13,108	64	92 685	10 252,479	156 955,626	15,309	14,845
65	85 790	9 168,812	121 020,131	13,199	12,735	65	91 999	9 832,387	146 703,147	14,920	14,456
66	84 473	8 722,756	111 851,319	12,823	12,359	66	91 261	9 423,762	136 870,760	14,524	14,060
67	83 054	8 286,201	103 128,563	12,446	11,982	67	90 462	9 025,344	127 446,999	14,121	13,657
68	81 552	7 861,242	94 842,361	12,065	11,601	68	89 616	8 638,536	118 421,655	13,709	13,245
69	79 951	7 446,241	86 981,120	11,681	11,217	69	88 701	8 261,245	109 783,119	13,289	12,825
70	78 265	7 042,757	79 534,879	11,293	10,829	70	87 677	7 889,718	101 521,874	12,868	12,404
71	76 503	6 651,418	72 492,122	10,899	10,435	71	86 577	7 527,235	93 632,155	12,439	11,975
72	74 595	6 266,228	65 840,705	10,507	10,043	72	85 381	7 172,223	86 104,920	12,005	11,541
73	72 635	5 895,198	59 574,477	10,106	9,642	73	84 104	6 826,099	78 932,697	11,563	11,099
74	70 541	5 531,632	53 679,279	9,704	9,240	74	82 697	6 484,886	72 106,598	11,119	10,655
75	68 341	5 177,909	48 147,647	9,299	8,835	75	81 192	6 151,606	65 621,712	10,667	10,203
76	66 001	4 831,520	42 969,738	8,894	8,430	76	79 559	5 823,996	59 470,105	10,211	9,747
77	63 529	4 493,326	38 138,218	8,488	8,024	77	77 797	5 502,417	53 646,109	9,750	9,286
78	60 972	4 166,586	33 644,892	8,075	7,611	78	75 934	5 189,080	48 143,692	9,278	8,814
79	58 245	3 845,657	29 478,307	7,665	7,201	79	73 868	4 877,196	42 954,612	8,807	8,343
80	55 363	3 531,788	25 632,650	7,258	6,794	80	71 592	4 567,090	38 077,415	8,337	7,873
81	52 275	3 221,995	22 100,862	6,859	6,395	81	69 068	4 257,050	33 510,326	7,872	7,408
82	49 023	2 919,405	18 878,866	6,467	6,003	82	66 277	3 946,860	29 253,276	7,412	6,948
83	45 621	2 624,924	15 959,461	6,080	5,616	83	63 161	3 634,153	25 306,415	6,963	6,499
84	42 017	2 335,804	13 334,537	5,709	5,245	84	59 675	3 317,452	21 672,262	6,533	6,069
85	38 253	2 054,652	10 998,733	5,353	4,889	85	55 869	3 000,810	18 354,809	6,117	5,653
86	34 355	1 782,862	8 944,081	5,017	4,553	86	51 751	2 685,671	15 353,999	5,717	5,253
87	30 415	1 525,042	7 161,219	4,696	4,232	87	47 338	2 373,566	12 668,328	5,337	4,873
88	26 491	1 283,345	5 636,177	4,392	3,928	88	42 647	2 066,047	10 294,762	4,983	4,519
89	22 604	1 058,008	4 352,832	4,114	3,650	89	37 815	1 770,005	8 228,715	4,649	4,185
90	18 870	853,370	3 294,824	3,861	3,397	90	32 944	1 489,872	6 458,711	4,335	3,871
91	15 409	673,307	2 441,455	3,626	3,162	91	28 098	1 227,716	4 968,839	4,047	3,583
92	12 317	519,986	1 768,148	3,400	2,936	92	23 435	989,375	3 741,123	3,781	3,317
93	9 559	389,895	1 248,162	3,201	2,737	93	19 031	776,257	2 751,747	3,545	3,081
94	7 217	284,436	858,267	3,017	2,553	94	15 045	592,912	1 975,490	3,332	2,868
95	5 269	200,644	573,831	2,860	2,396	95	11 593	441,415	1 382,578	3,132	2,668
96	3 736	137,462	373,187	2,715	2,251	96	8 645	318,052	941,164	2,959	2,495
97	2 561	91,036	235,725	2,589	2,125	97	6 230	221,464	623,112	2,814	2,350
98	1 708	58,673	144,688	2,466	2,002	98	4 394	150,908	401,648	2,662	2,198
99	1 107	36,733	86,016	2,342	1,878	99	2 992	99,290	250,740	2,525	2,061
100	686	21,979	49,283	2,242	1,778	100	1 965	63,003	151,450	2,404	1,940

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 3,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 584 452,476	25,845	25,380	0	100 000	100 000,000	2 616 653,307	26,167	25,702
1	99 661	96 059,183	2 484 452,476	25,864	25,399	1	99 711	96 106,808	2 516 653,307	26,186	25,722
2	99 637	92 564,788	2 388 393,293	25,802	25,338	2	99 689	92 612,465	2 420 546,499	26,136	25,672
3	99 624	89 207,205	2 295 828,504	25,736	25,271	3	99 676	89 253,297	2 327 934,034	26,082	25,618
4	99 612	85 972,656	2 206 621,299	25,667	25,202	4	99 666	86 018,697	2 238 680,738	26,026	25,561
5	99 601	82 855,756	2 120 648,644	25,594	25,130	5	99 656	82 901,955	2 152 662,041	25,966	25,502
6	99 592	79 853,711	2 037 792,888	25,519	25,055	6	99 650	79 900,070	2 069 760,085	25,904	25,440
7	99 583	76 960,502	1 957 939,177	25,441	24,976	7	99 642	77 006,493	1 989 860,015	25,840	25,376
8	99 573	74 171,588	1 880 978,675	25,360	24,895	8	99 638	74 219,590	1 912 853,523	25,773	25,308
9	99 566	71 485,243	1 806 807,086	25,275	24,811	9	99 630	71 531,799	1 838 633,933	25,704	25,239
10	99 558	68 895,908	1 735 321,843	25,188	24,723	10	99 625	68 942,648	1 767 102,134	25,631	25,167
11	99 550	66 400,750	1 666 425,935	25,096	24,632	11	99 620	66 447,051	1 698 159,486	25,557	25,092
12	99 543	63 996,300	1 600 025,185	25,002	24,537	12	99 612	64 040,425	1 631 712,435	25,479	25,015
13	99 535	61 677,720	1 536 028,885	24,904	24,440	13	99 606	61 721,810	1 567 672,011	25,399	24,935
14	99 525	59 442,880	1 474 351,166	24,803	24,338	14	99 598	59 486,199	1 505 950,201	25,316	24,852
15	99 513	57 287,264	1 414 908,286	24,698	24,234	15	99 589	57 330,806	1 446 464,003	25,230	24,766
16	99 497	55 208,058	1 357 621,022	24,591	24,127	16	99 577	55 252,211	1 389 133,197	25,142	24,677
17	99 475	53 200,418	1 302 412,963	24,481	24,017	17	99 564	53 248,335	1 333 880,986	25,050	24,586
18	99 448	51 263,839	1 249 212,545	24,368	23,904	18	99 551	51 317,042	1 280 632,652	24,955	24,491
19	99 410	49 391,856	1 197 948,706	24,254	23,790	19	99 535	49 454,180	1 229 315,610	24,858	24,393
20	99 370	47 587,398	1 148 556,850	24,136	23,671	20	99 519	47 658,845	1 179 861,430	24,756	24,292
21	99 329	45 848,445	1 100 969,452	24,013	23,549	21	99 503	45 928,717	1 132 202,585	24,651	24,187
22	99 289	44 173,399	1 055 121,007	23,886	23,421	22	99 486	44 261,126	1 086 273,868	24,542	24,078
23	99 247	42 558,920	1 010 947,608	23,754	23,290	23	99 469	42 654,169	1 042 012,742	24,429	23,965
24	99 205	41 003,410	968 388,688	23,617	23,153	24	99 453	41 105,728	999 358,573	24,312	23,847
25	99 160	39 503,255	927 385,278	23,476	23,012	25	99 436	39 613,470	958 252,845	24,190	23,726
26	99 116	38 058,610	887 882,023	23,329	22,865	26	99 417	38 174,235	918 639,375	24,064	23,600
27	99 072	36 666,832	849 823,414	23,177	22,712	27	99 399	36 787,885	880 465,140	23,934	23,469
28	99 028	35 325,631	813 156,581	23,019	22,554	28	99 379	35 450,765	843 677,255	23,799	23,334
29	98 982	34 033,052	777 830,951	22,855	22,391	29	99 355	34 161,280	808 226,490	23,659	23,195
30	98 933	32 786,759	743 797,899	22,686	22,221	30	99 330	32 918,410	774 065,210	23,515	23,050
31	98 881	31 585,006	711 011,140	22,511	22,047	31	99 302	31 719,616	741 146,800	23,366	22,901
32	98 824	30 425,916	679 426,134	22,331	21,866	32	99 270	30 563,279	709 427,184	23,212	22,747
33	98 764	29 308,269	649 000,217	22,144	21,680	33	99 237	29 448,687	678 863,905	23,052	22,588
34	98 695	28 229,129	619 691,948	21,952	21,488	34	99 202	28 374,335	649 415,218	22,887	22,423
35	98 625	27 189,678	591 462,820	21,753	21,289	35	99 164	27 338,315	621 040,883	22,717	22,252
36	98 551	26 187,132	564 273,142	21,548	21,083	36	99 118	26 337,880	593 702,568	22,542	22,077
37	98 464	25 218,319	538 086,010	21,337	20,873	37	99 071	25 373,803	567 364,688	22,360	21,896
38	98 365	24 282,566	512 867,691	21,121	20,656	38	99 021	24 444,328	541 990,885	22,172	21,708
39	98 266	23 381,103	488 585,125	20,897	20,432	39	98 966	23 547,743	517 546,557	21,979	21,514
40	98 152	22 509,982	465 204,022	20,667	20,202	40	98 901	22 681,852	493 998,814	21,779	21,315
41	98 031	21 669,517	442 694,040	20,429	19,965	41	98 839	21 848,185	471 316,962	21,572	21,108
42	97 888	20 855,981	421 024,523	20,187	19,723	42	98 766	21 043,057	449 468,777	21,359	20,895
43	97 750	20 073,714	400 168,542	19,935	19,471	43	98 687	20 266,099	428 425,720	21,140	20,676
44	97 594	19 317,304	380 094,829	19,676	19,212	44	98 598	19 516,094	408 159,621	20,914	20,450
45	97 425	18 586,805	360 777,525	19,410	18,946	45	98 505	18 792,901	388 643,527	20,680	20,216
46	97 242	17 881,325	342 190,720	19,137	18,672	46	98 399	18 094,155	369 850,626	20,440	19,976
47	97 041	17 199,461	324 309,395	18,856	18,391	47	98 283	17 419,497	351 756,471	20,193	19,729
48	96 815	16 539,140	307 109,935	18,569	18,104	48	98 155	16 768,060	334 336,974	19,939	19,474
49	96 561	15 899,504	290 570,794	18,275	17,811	49	98 006	16 137,466	317 568,914	19,679	19,215

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 3,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	15 279,817	274 671,290	17,976	17,512	50	97 841	15 527,990	301 431,447	19,412	18,948
51	95 968	14 680,210	259 391,473	17,669	17,205	51	97 661	14 939,140	285 903,457	19,138	18,673
52	95 624	14 098,974	244 711,263	17,357	16,892	52	97 458	14 369,271	270 964,317	18,857	18,393
53	95 242	13 535,069	230 612,290	17,038	16,574	53	97 243	13 819,369	256 595,045	18,568	18,103
54	94 812	12 986,962	217 077,220	16,715	16,251	54	97 002	13 286,860	242 775,676	18,272	17,807
55	94 338	12 454,861	204 090,258	16,386	15,922	55	96 735	12 771,339	229 488,817	17,969	17,505
56	93 801	11 936,418	191 635,397	16,055	15,590	56	96 434	12 271,412	216 717,478	17,660	17,196
57	93 207	11 432,111	179 698,979	15,719	15,254	57	96 108	11 787,870	204 446,066	17,344	16,879
58	92 548	10 941,003	168 266,868	15,379	14,915	58	95 747	11 319,124	192 658,197	17,021	16,556
59	91 833	10 464,093	157 325,865	15,035	14,570	59	95 347	10 864,465	181 339,073	16,691	16,227
60	91 035	9 998,230	146 861,772	14,689	14,224	60	94 905	10 423,243	170 474,608	16,355	15,891
61	90 165	9 544,775	136 863,543	14,339	13,875	61	94 418	9 994,992	160 051,365	16,013	15,549
62	89 210	9 102,331	127 318,768	13,987	13,523	62	93 891	9 579,912	150 056,373	15,664	15,199
63	88 162	8 670,215	118 216,437	13,635	13,170	63	93 316	9 177,122	140 476,461	15,307	14,843
64	87 020	8 248,574	109 546,222	13,281	12,816	64	92 685	8 785,622	131 299,339	14,945	14,480
65	85 790	7 838,067	101 297,648	12,924	12,459	65	91 999	8 405,332	122 513,716	14,576	14,111
66	84 473	7 438,782	93 459,581	12,564	12,099	66	91 261	8 036,601	114 108,384	14,199	13,734
67	83 054	7 049,460	86 020,799	12,202	11,738	67	90 462	7 678,283	106 071,783	13,815	13,350
68	81 552	6 671,811	78 971,339	11,837	11,372	68	89 616	7 331,499	98 393,500	13,421	12,956
69	79 951	6 304,373	72 299,528	11,468	11,004	69	88 701	6 994,399	91 062,001	13,019	12,555
70	78 265	5 948,395	65 995,154	11,095	10,630	70	87 677	6 663,749	84 067,602	12,616	12,151
71	76 503	5 604,328	60 046,759	10,714	10,250	71	86 577	6 342,272	77 403,854	12,204	11,740
72	74 595	5 267,054	54 442,431	10,336	9,872	72	85 381	6 028,585	71 061,582	11,787	11,323
73	72 635	4 943,246	49 175,376	9,948	9,484	73	84 104	5 723,826	65 032,998	11,362	10,897
74	70 541	4 627,211	44 232,130	9,559	9,095	74	82 697	5 424,609	59 309,171	10,933	10,469
75	68 341	4 320,885	39 604,919	9,166	8,702	75	81 192	5 133,421	53 884,562	10,497	10,032
76	66 001	4 022,114	35 284,034	8,773	8,308	76	79 559	4 848,324	48 751,141	10,055	9,591
77	63 529	3 731,563	31 261,920	8,378	7,913	77	77 797	4 569,580	43 902,817	9,608	9,143
78	60 972	3 451,877	27 530,357	7,975	7,511	78	75 934	4 298,980	39 333,236	9,149	8,685
79	58 245	3 178,322	24 078,480	7,576	7,111	79	73 868	4 030,858	35 034,256	8,692	8,227
80	55 363	2 911,885	20 900,158	7,178	6,713	80	71 592	3 765,469	31 003,398	8,234	7,769
81	52 275	2 650,066	17 988,273	6,788	6,323	81	69 068	3 501,391	27 237,929	7,779	7,315
82	49 023	2 395,402	15 338,207	6,403	5,939	82	66 277	3 238,440	23 736,538	7,330	6,865
83	45 621	2 148,587	12 942,805	6,024	5,559	83	63 161	2 974,675	20 498,099	6,891	6,426
84	42 017	1 907,326	10 794,218	5,659	5,195	84	59 675	2 708,902	17 523,423	6,469	6,004
85	38 253	1 673,705	8 886,891	5,310	4,845	85	55 869	2 444,440	14 814,522	6,060	5,596
86	34 355	1 448,808	7 213,186	4,979	4,514	86	51 751	2 182,458	12 370,082	5,668	5,204
87	30 415	1 236,309	5 764,378	4,663	4,198	87	47 338	1 924,184	10 187,624	5,295	4,830
88	26 491	1 037,865	4 528,070	4,363	3,898	88	42 647	1 670,851	8 263,440	4,946	4,481
89	22 604	853,569	3 490,204	4,089	3,625	89	37 815	1 427,987	6 592,590	4,617	4,152
90	18 870	686,814	2 636,635	3,839	3,375	90	32 944	1 199,088	5 164,603	4,307	3,843
91	15 409	540,589	1 949,821	3,607	3,142	91	28 098	985,717	3 965,515	4,023	3,559
92	12 317	416,484	1 409,232	3,384	2,919	92	23 435	792,442	2 979,799	3,760	3,296
93	9 559	311,535	992,748	3,187	2,722	93	19 031	620,247	2 187,356	3,527	3,062
94	7 217	226,723	681,214	3,005	2,540	94	15 045	472,608	1 567,110	3,316	2,851
95	5 269	159,547	454,491	2,849	2,384	95	11 593	351,002	1 094,502	3,118	2,654
96	3 736	109,043	294,943	2,705	2,240	96	8 645	252,298	743,500	2,947	2,482
97	2 561	72,041	185,900	2,580	2,116	97	6 230	175,256	491,202	2,803	2,338
98	1 708	46,319	113,859	2,458	1,994	98	4 394	119,133	315,947	2,652	2,188
99	1 107	28,928	67,540	2,335	1,870	99	2 992	78,195	196,813	2,517	2,053
100	686	17,268	38,612	2,236	1,772	100	1 965	49,498	118,619	2,396	1,932

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 4,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 453 774,455	24,538	24,073	0	100 000	100 000,000	2 481 169,640	24,812	24,347
1	99 661	95 828,271	2 353 774,455	24,562	24,098	1	99 711	95 875,782	2 381 169,640	24,836	24,371
2	99 637	92 120,300	2 257 946,184	24,511	24,046	2	99 689	92 167,748	2 285 293,858	24,795	24,330
3	99 624	88 565,429	2 165 825,884	24,455	23,990	3	99 676	88 611,189	2 193 126,111	24,750	24,285
4	99 612	85 148,972	2 077 260,455	24,396	23,931	4	99 666	85 194,572	2 104 514,922	24,702	24,238
5	99 601	81 864,669	1 992 111,483	24,334	23,869	5	99 656	81 910,317	2 019 320,350	24,653	24,188
6	99 592	78 708,874	1 910 246,814	24,270	23,805	6	99 650	78 754,569	1 937 410,033	24,601	24,136
7	99 583	75 674,795	1 831 537,939	24,203	23,738	7	99 642	75 720,018	1 858 655,465	24,546	24,082
8	99 573	72 757,155	1 755 863,144	24,133	23,668	8	99 638	72 804,241	1 782 935,447	24,489	24,025
9	99 566	69 953,475	1 683 105,989	24,060	23,596	9	99 630	69 999,033	1 710 131,206	24,431	23,966
10	99 558	67 257,558	1 613 152,514	23,985	23,520	10	99 625	67 303,185	1 640 132,173	24,369	23,904
11	99 550	64 665,913	1 545 894,957	23,906	23,441	11	99 620	64 711,004	1 572 828,987	24,305	23,841
12	99 543	62 174,465	1 481 229,044	23,824	23,359	12	99 612	62 217,334	1 508 117,984	24,240	23,775
13	99 535	59 777,847	1 419 054,579	23,739	23,274	13	99 606	59 820,579	1 445 900,650	24,171	23,706
14	99 525	57 473,357	1 359 276,732	23,651	23,186	14	99 598	57 515,241	1 386 080,072	24,099	23,635
15	99 513	55 256,017	1 301 803,375	23,559	23,095	15	99 589	55 298,014	1 328 564,831	24,026	23,561
16	99 497	53 122,528	1 246 547,358	23,466	23,001	16	99 577	53 165,012	1 273 266,817	23,949	23,485
17	99 475	51 067,673	1 193 424,831	23,369	22,905	17	99 564	51 113,669	1 220 101,805	23,870	23,406
18	99 448	49 090,439	1 142 357,158	23,270	22,806	18	99 551	49 141,386	1 168 988,136	23,788	23,323
19	99 410	47 184,125	1 093 266,719	23,170	22,705	19	99 535	47 243,663	1 119 846,750	23,704	23,239
20	99 370	45 351,043	1 046 082,594	23,066	22,602	20	99 519	45 419,132	1 072 603,087	23,616	23,151
21	99 329	43 588,778	1 000 731,551	22,958	22,494	21	99 503	43 665,094	1 027 183,955	23,524	23,059
22	99 289	41 895,335	957 142,773	22,846	22,381	22	99 486	41 978,539	983 518,860	23,429	22,964
23	99 247	40 267,088	915 247,437	22,729	22,265	23	99 469	40 357,207	941 540,322	23,330	22,865
24	99 205	38 702,084	874 980,349	22,608	22,143	24	99 453	38 798,660	901 183,115	23,227	22,762
25	99 160	37 196,497	836 278,265	22,483	22,018	25	99 436	37 300,276	862 384,455	23,120	22,655
26	99 116	35 750,065	799 081,768	22,352	21,887	26	99 417	35 858,677	825 084,179	23,009	22,545
27	99 072	34 359,915	763 331,703	22,216	21,751	27	99 399	34 473,351	789 225,502	22,894	22,429
28	99 028	33 023,521	728 971,789	22,074	21,609	28	99 379	33 140,501	754 752,151	22,774	22,309
29	98 982	31 738,699	695 948,268	21,927	21,463	29	99 355	31 858,282	721 611,650	22,651	22,186
30	98 933	30 502,924	664 209,569	21,775	21,310	30	99 330	30 625,405	689 753,368	22,522	22,057
31	98 881	29 314,245	633 706,646	21,618	21,153	31	99 302	29 439,177	659 127,964	22,389	21,925
32	98 824	28 170,605	604 392,400	21,455	20,990	32	99 270	28 297,786	629 688,787	22,252	21,787
33	98 764	27 070,573	576 221,795	21,286	20,821	33	99 237	27 200,270	601 391,001	22,110	21,645
34	98 695	26 011,148	549 151,222	21,112	20,647	34	99 202	26 144,946	574 190,731	21,962	21,497
35	98 625	24 993,143	523 140,074	20,931	20,467	35	99 164	25 129,773	548 045,785	21,809	21,344
36	98 551	24 013,724	498 146,931	20,744	20,279	36	99 118	24 151,960	522 916,012	21,651	21,186
37	98 464	23 069,728	474 133,207	20,552	20,087	37	99 071	23 211,965	498 764,052	21,487	21,023
38	98 365	22 160,303	451 063,479	20,355	19,890	38	99 021	22 307,927	475 552,087	21,318	20,853
39	98 266	21 286,334	428 903,176	20,149	19,684	39	98 966	21 438,044	453 244,160	21,142	20,677
40	98 152	20 443,996	407 616,842	19,938	19,473	40	98 901	20 600,092	431 806,116	20,961	20,497
41	98 031	19 633,361	387 172,846	19,720	19,255	41	98 839	19 795,240	411 206,024	20,773	20,308
42	97 888	18 850,844	367 539,485	19,497	19,032	42	98 766	19 019,934	391 410,784	20,579	20,114
43	97 750	18 100,170	348 688,642	19,264	18,800	43	98 687	18 273,642	372 390,850	20,379	19,914
44	97 594	17 376,256	330 588,471	19,025	18,560	44	98 598	17 555,071	354 117,208	20,172	19,707
45	97 425	16 678,970	313 212,215	18,779	18,314	45	98 505	16 863,911	336 562,136	19,958	19,493
46	97 242	16 007,331	296 533,245	18,525	18,060	46	98 399	16 197,856	319 698,226	19,737	19,272
47	97 041	15 359,916	280 525,914	18,264	17,799	47	98 283	15 556,418	303 500,369	19,510	19,045
48	96 815	14 734,714	265 165,998	17,996	17,531	48	98 155	14 938,659	287 943,951	19,275	18,810
49	96 561	14 130,812	250 431,284	17,722	17,258	49	98 006	14 342,303	273 005,292	19,035	18,570

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 4,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	13 547,416	236 300,473	17,442	16,978	50	97 841	13 767,451	258 662,989	18,788	18,323
51	95 968	12 984,503	222 753,057	17,155	16,690	51	97 661	13 213,525	244 895,538	18,534	18,069
52	95 624	12 440,428	209 768,554	16,862	16,397	52	97 458	12 678,930	231 682,013	18,273	17,808
53	95 242	11 914,151	197 328,125	16,563	16,098	53	97 243	12 164,404	219 003,084	18,004	17,539
54	94 812	11 404,203	185 413,975	16,258	15,794	54	97 002	11 667,551	206 838,680	17,728	17,263
55	94 338	10 910,660	174 009,772	15,949	15,484	55	96 735	11 187,900	195 171,129	17,445	16,980
56	93 801	10 431,360	163 099,111	15,635	15,171	56	96 434	10 724,114	183 983,229	17,156	16,691
57	93 207	9 966,625	152 667,752	15,318	14,853	57	96 108	10 276,778	173 259,115	16,859	16,394
58	92 548	9 515,543	142 701,127	14,997	14,532	58	95 747	9 844,400	162 982,337	16,556	16,091
59	91 833	9 078,890	133 185,584	14,670	14,205	59	95 347	9 426,263	153 137,937	16,246	15,781
60	91 035	8 653,844	124 106,694	14,341	13,876	60	94 905	9 021,709	143 711,674	15,930	15,465
61	90 165	8 241,503	115 452,850	14,009	13,544	61	94 418	8 630,246	134 689,965	15,607	15,142
62	89 210	7 840,578	107 211,347	13,674	13,209	62	93 891	8 251,958	126 059,719	15,276	14,812
63	88 162	7 450,409	99 370,768	13,338	12,873	63	93 316	7 886,000	117 807,761	14,939	14,474
64	87 020	7 071,050	91 920,359	13,000	12,535	64	92 685	7 531,432	109 921,761	14,595	14,130
65	85 790	6 702,993	84 849,309	12,658	12,194	65	91 999	7 188,109	102 390,329	14,244	13,780
66	84 473	6 346,239	78 146,316	12,314	11,849	66	91 261	6 856,255	95 202,220	13,885	13,421
67	83 054	5 999,640	71 800,077	11,967	11,503	67	90 462	6 534,817	88 345,964	13,519	13,054
68	81 552	5 664,582	65 800,437	11,616	11,151	68	89 616	6 224,678	81 811,147	13,143	12,678
69	79 951	5 339,748	60 135,856	11,262	10,797	69	88 701	5 924,194	75 586,469	12,759	12,294
70	78 265	5 026,127	54 796,107	10,902	10,437	70	87 677	5 630,568	69 662,276	12,372	11,907
71	76 503	4 724,023	49 769,981	10,536	10,071	71	86 577	5 346,053	64 031,707	11,977	11,513
72	74 595	4 429,054	45 045,958	10,171	9,706	72	85 381	5 069,423	58 685,655	11,576	11,112
73	72 635	4 146,772	40 616,904	9,795	9,330	73	84 104	4 801,582	53 616,232	11,166	10,702
74	70 541	3 872,327	36 470,132	9,418	8,953	74	82 697	4 539,637	48 814,650	10,753	10,288
75	68 341	3 607,283	32 597,805	9,037	8,572	75	81 192	4 285,627	44 275,012	10,331	9,866
76	66 001	3 349,782	28 990,523	8,654	8,190	76	79 559	4 037,884	39 989,386	9,904	9,439
77	63 529	3 100,329	25 640,740	8,270	7,806	77	77 797	3 796,587	35 951,501	9,469	9,005
78	60 972	2 861,061	22 540,411	7,878	7,414	78	75 934	3 563,175	32 154,915	9,024	8,559
79	58 245	2 627,994	19 679,350	7,488	7,024	79	73 868	3 332,914	28 591,739	8,579	8,114
80	55 363	2 401,903	17 051,356	7,099	6,634	80	71 592	3 105,992	25 258,826	8,132	7,667
81	52 275	2 180,684	14 649,454	6,718	6,253	81	69 068	2 881,221	22 152,833	7,689	7,224
82	49 023	1 966,388	12 468,769	6,341	5,876	82	66 277	2 658,438	19 271,612	7,249	6,784
83	45 621	1 759,538	10 502,381	5,969	5,504	83	63 161	2 436,044	16 613,174	6,820	6,355
84	42 017	1 558,208	8 742,843	5,611	5,146	84	59 675	2 213,062	14 177,129	6,406	5,941
85	38 253	1 364,062	7 184,636	5,267	4,802	85	55 869	1 992,207	11 964,067	6,005	5,541
86	34 355	1 177,933	5 820,574	4,941	4,477	86	51 751	1 774,417	9 971,861	5,620	5,155
87	30 415	1 002,748	4 642,641	4,630	4,165	87	47 338	1 560,671	8 197,444	5,253	4,788
88	26 491	839,770	3 639,893	4,334	3,870	88	42 647	1 351,939	6 636,773	4,909	4,444
89	22 604	688,990	2 800,123	4,064	3,599	89	37 815	1 152,653	5 284,834	4,585	4,120
90	18 870	553,055	2 111,133	3,817	3,352	90	32 944	965,561	4 132,182	4,280	3,815
91	15 409	434,261	1 558,078	3,588	3,123	91	28 098	791,837	3 166,620	3,999	3,534
92	12 317	333,762	1 123,817	3,367	2,902	92	23 435	635,047	2 374,783	3,740	3,275
93	9 559	249,057	790,055	3,172	2,707	93	19 031	495,858	1 739,736	3,509	3,044
94	7 217	180,819	540,998	2,992	2,527	94	15 045	376,920	1 243,878	3,300	2,835
95	5 269	126,938	360,179	2,837	2,373	95	11 593	279,263	866,958	3,104	2,640
96	3 736	86,548	233,241	2,695	2,230	96	8 645	200,249	587,695	2,935	2,470
97	2 561	57,042	146,693	2,572	2,107	97	6 230	138,766	387,446	2,792	2,327
98	1 708	36,587	89,651	2,450	1,986	98	4 394	94,102	248,680	2,643	2,178
99	1 107	22,795	53,065	2,328	1,863	99	2 992	61,617	154,578	2,509	2,044
100	686	13,574	30,269	2,230	1,765	100	1 965	38,910	92,961	2,389	1,924

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 4,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 334 663,818	23,347	22,881	0	100 000	100 000,000	2 358 034,215	23,580	23,115
1	99 661	95 598,467	2 234 663,818	23,376	22,910	1	99 711	95 645,864	2 258 034,215	23,608	23,143
2	99 637	91 679,006	2 139 065,350	23,332	22,867	2	99 689	91 726,226	2 162 388,351	23,574	23,109
3	99 624	87 929,794	2 047 386,344	23,284	22,819	3	99 676	87 975,226	2 070 662,125	23,537	23,072
4	99 612	84 335,128	1 959 456,550	23,234	22,769	4	99 666	84 380,292	1 982 686,899	23,497	23,032
5	99 601	80 887,775	1 875 121,422	23,182	22,717	5	99 656	80 932,878	1 898 306,607	23,455	22,990
6	99 592	77 583,141	1 794 233,646	23,127	22,661	6	99 650	77 628,181	1 817 373,729	23,411	22,946
7	99 583	74 413,578	1 716 650,506	23,069	22,604	7	99 642	74 458,046	1 739 745,548	23,365	22,900
8	99 573	71 372,994	1 642 236,928	23,009	22,544	8	99 638	71 419,184	1 665 287,502	23,317	22,852
9	99 566	68 458,089	1 570 863,935	22,946	22,481	9	99 630	68 502,674	1 593 868,318	23,267	22,802
10	99 558	65 661,961	1 502 405,845	22,881	22,416	10	99 625	65 706,506	1 525 365,644	23,215	22,750
11	99 550	62 980,404	1 436 743,884	22,813	22,347	11	99 620	63 024,320	1 459 659,138	23,160	22,695
12	99 543	60 408,682	1 373 763,480	22,741	22,276	12	99 612	60 450,334	1 396 634,818	23,104	22,639
13	99 535	57 940,849	1 313 354,798	22,667	22,202	13	99 606	57 982,267	1 336 184,484	23,045	22,579
14	99 525	55 573,587	1 255 413,949	22,590	22,125	14	99 598	55 614,086	1 278 202,217	22,983	22,518
15	99 513	53 301,411	1 199 840,363	22,510	22,045	15	99 589	53 341,923	1 222 588,131	22,920	22,455
16	99 497	51 120,506	1 146 538,951	22,428	21,963	16	99 577	51 161,389	1 169 246,208	22,854	22,389
17	99 475	49 025,243	1 095 418,446	22,344	21,879	17	99 564	49 069,399	1 118 084,819	22,786	22,321
18	99 448	47 014,073	1 046 393,203	22,257	21,792	18	99 551	47 062,865	1 069 015,420	22,715	22,249
19	99 410	45 080,024	999 379,130	22,169	21,704	19	99 535	45 136,907	1 021 952,555	22,641	22,176
20	99 370	43 224,780	954 299,105	22,078	21,612	20	99 519	43 289,677	976 815,647	22,565	22,099
21	99 329	41 445,510	911 074,325	21,982	21,517	21	99 503	41 518,073	933 525,970	22,485	22,020
22	99 289	39 739,805	869 628,815	21,883	21,418	22	99 486	39 818,728	892 007,897	22,402	21,936
23	99 247	38 103,736	829 889,010	21,780	21,315	23	99 469	38 189,014	852 189,169	22,315	21,850
24	99 205	36 534,988	791 785,274	21,672	21,207	24	99 453	36 626,156	814 000,155	22,225	21,759
25	99 160	35 029,499	755 250,286	21,560	21,095	25	99 436	35 127,232	777 373,999	22,130	21,665
26	99 116	33 586,597	720 220,786	21,444	20,978	26	99 417	33 688,636	742 246,767	22,033	21,567
27	99 072	32 203,162	686 634,190	21,322	20,857	27	99 399	32 309,478	708 558,131	21,930	21,465
28	99 028	30 876,431	654 431,027	21,195	20,730	28	99 379	30 985,805	676 248,653	21,824	21,359
29	98 982	29 603,980	623 554,597	21,063	20,598	29	99 355	29 715,521	645 262,848	21,715	21,249
30	98 933	28 383,094	593 950,616	20,926	20,461	30	99 330	28 497,063	615 547,327	21,600	21,135
31	98 881	27 211,612	565 567,522	20,784	20,319	31	99 302	27 327,582	587 050,264	21,482	21,017
32	98 824	26 087,292	538 355,910	20,637	20,171	32	99 270	26 205,067	559 722,681	21,359	20,894
33	98 764	25 008,494	512 268,618	20,484	20,019	33	99 237	25 128,312	533 517,614	21,232	20,767
34	98 695	23 972,145	487 260,124	20,326	19,861	34	99 202	24 095,454	508 389,302	21,099	20,634
35	98 625	22 978,703	463 287,979	20,162	19,696	35	99 164	23 104,321	484 293,848	20,961	20,496
36	98 551	22 025,280	440 309,276	19,991	19,526	36	99 118	22 152,070	461 189,527	20,819	20,354
37	98 464	21 108,709	418 283,996	19,816	19,350	37	99 071	21 238,855	439 037,458	20,671	20,206
38	98 365	20 227,964	397 175,286	19,635	19,170	38	99 021	20 362,715	417 798,603	20,518	20,053
39	98 266	19 383,608	376 947,322	19,447	18,981	39	98 966	19 521,758	397 435,887	20,359	19,893
40	98 152	18 571,920	357 563,715	19,253	18,788	40	98 901	18 713,723	377 914,129	20,194	19,729
41	98 031	17 792,745	338 991,794	19,052	18,587	41	98 839	17 939,448	359 200,407	20,023	19,558
42	97 888	17 042,620	321 199,049	18,847	18,382	42	98 766	17 195,491	341 260,959	19,846	19,381
43	97 750	16 324,712	304 156,429	18,632	18,166	43	98 687	16 481,167	324 065,468	19,663	19,198
44	97 594	15 634,224	287 831,717	18,410	17,945	44	98 598	15 795,113	307 584,301	19,473	19,008
45	97 425	14 970,856	272 197,493	18,182	17,717	45	98 505	15 136,857	291 789,188	19,277	18,812
46	97 242	14 333,545	257 226,637	17,946	17,481	46	98 399	14 504,148	276 652,331	19,074	18,609
47	97 041	13 720,843	242 893,092	17,702	17,237	47	98 283	13 896,376	262 148,183	18,864	18,399
48	96 815	13 130,793	229 172,250	17,453	16,988	48	98 155	13 312,537	248 251,807	18,648	18,183
49	96 561	12 562,429	216 041,457	17,197	16,732	49	98 006	12 750,447	234 939,270	18,426	17,961

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 4,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	12 014,902	203 479,028	16,936	16,470	50	97 841	12 210,047	222 188,823	18,197	17,732
51	95 968	11 488,052	191 464,126	16,666	16,201	51	97 661	11 690,679	209 978,776	17,961	17,496
52	95 624	10 980,286	179 976,074	16,391	15,926	52	97 458	11 190,795	198 288,097	17,719	17,254
53	95 242	10 490,561	168 995,787	16,109	15,644	53	97 243	10 710,912	187 097,302	17,468	17,003
54	94 812	10 017,465	158 505,227	15,823	15,358	54	97 002	10 248,790	176 386,391	17,210	16,745
55	94 338	9 560,953	148 487,762	15,531	15,065	55	96 735	9 803,897	166 137,601	16,946	16,481
56	93 801	9 119,024	138 926,809	15,235	14,770	56	96 434	9 374,948	156 333,704	16,676	16,210
57	93 207	8 691,862	129 807,785	14,934	14,469	57	96 108	8 962,346	146 958,756	16,397	15,932
58	92 548	8 278,575	121 115,923	14,630	14,165	58	95 747	8 564,682	137 996,410	16,112	15,647
59	91 833	7 879,743	112 837,349	14,320	13,855	59	95 347	8 181,234	129 431,729	15,821	15,355
60	91 035	7 492,825	104 957,606	14,008	13,543	60	94 905	7 811,337	121 250,495	15,522	15,057
61	90 165	7 118,693	97 464,781	13,691	13,226	61	94 418	7 454,474	113 439,158	15,218	14,752
62	89 210	6 756,149	90 346,088	13,372	12,907	62	93 891	7 110,630	105 984,684	14,905	14,440
63	88 162	6 404,548	83 589,939	13,052	12,586	63	93 316	6 778,992	98 874,054	14,585	14,120
64	87 020	6 063,865	77 185,391	12,729	12,264	64	92 685	6 458,672	92 095,061	14,259	13,794
65	85 790	5 734,449	71 121,526	12,403	11,937	65	91 999	6 149,468	85 636,390	13,926	13,461
66	84 473	5 416,224	65 387,077	12,072	11,607	66	91 261	5 851,500	79 486,921	13,584	13,119
67	83 054	5 108,138	59 970,853	11,740	11,275	67	90 462	5 563,792	73 635,422	13,235	12,770
68	81 552	4 811,302	54 862,715	11,403	10,938	68	89 616	5 287,028	68 071,629	12,875	12,410
69	79 951	4 524,523	50 051,413	11,062	10,597	69	88 701	5 019,740	62 784,601	12,508	12,042
70	78 265	4 248,570	45 526,890	10,716	10,251	70	87 677	4 759,502	57 764,861	12,137	11,672
71	76 503	3 983,626	41 278,321	10,362	9,897	71	86 577	4 508,165	53 005,359	11,758	11,292
72	74 595	3 725,931	37 294,695	10,009	9,544	72	85 381	4 264,640	48 497,194	11,372	10,907
73	72 635	3 480,096	33 568,764	9,646	9,181	73	84 104	4 029,633	44 232,554	10,977	10,512
74	70 541	3 241,981	30 088,668	9,281	8,816	74	82 697	3 800,665	40 202,921	10,578	10,113
75	68 341	3 012,838	26 846,687	8,911	8,446	75	81 192	3 579,398	36 402,256	10,170	9,705
76	66 001	2 791,062	23 833,848	8,539	8,074	76	79 559	3 364,394	32 822,858	9,756	9,291
77	63 529	2 577,021	21 042,786	8,166	7,707	77	77 797	3 155,757	29 458,464	9,335	8,870
78	60 972	2 372,437	18 465,765	7,783	7,318	78	75 934	2 954,641	26 302,707	8,902	8,437
79	58 245	2 173,948	16 093,328	7,403	6,938	79	73 868	2 757,077	23 348,066	8,468	8,003
80	55 363	1 982,154	13 919,380	7,022	6,557	80	71 592	2 563,200	20 590,990	8,033	7,568
81	52 275	1 795,280	11 937,226	6,649	6,184	81	69 068	2 372,007	18 027,790	7,600	7,135
82	49 023	1 614,975	10 141,946	6,280	5,815	82	66 277	2 183,349	15 655,783	7,171	6,705
83	45 621	1 441,626	8 526,971	5,915	5,450	83	63 161	1 995,901	13 472,434	6,750	6,285
84	42 017	1 273,610	7 085,345	5,563	5,098	84	59 675	1 808,859	11 476,533	6,345	5,879
85	38 253	1 112,250	5 811,735	5,225	4,760	85	55 869	1 624,437	9 667,674	5,951	5,486
86	34 355	958,178	4 699,485	4,905	4,439	86	51 751	1 443,382	8 043,237	5,572	5,107
87	30 415	813,719	3 741,307	4,598	4,133	87	47 338	1 266,468	6 599,854	5,211	4,746
88	26 491	679,831	2 927,587	4,306	3,841	88	42 647	1 094,453	5 333,386	4,873	4,408
89	22 604	556,430	2 247,757	4,040	3,574	89	37 815	930,885	4 238,933	4,554	4,088
90	18 870	445,577	1 691,327	3,796	3,331	90	32 944	777,919	3 308,048	4,252	3,787
91	15 409	349,030	1 245,750	3,569	3,104	91	28 098	636,426	2 530,129	3,976	3,510
92	12 317	267,612	896,720	3,351	2,886	92	23 435	509,185	1 893,703	3,719	3,254
93	9 559	199,217	629,107	3,158	2,693	93	19 031	396,629	1 384,518	3,491	3,025
94	7 217	144,287	429,891	2,979	2,514	94	15 045	300,769	987,889	3,285	2,819
95	5 269	101,049	285,603	2,826	2,361	95	11 593	222,307	687,120	3,091	2,626
96	3 736	68,731	184,554	2,685	2,220	96	8 645	159,026	464,813	2,923	2,458
97	2 561	45,191	115,823	2,563	2,098	97	6 230	109,936	305,786	2,781	2,316
98	1 708	28,916	70,632	2,443	1,977	98	4 394	74,373	195,850	2,633	2,168
99	1 107	17,973	41,716	2,321	1,856	99	2 992	48,581	121,478	2,501	2,035
100	686	10,677	23,743	2,224	1,759	100	1 965	30,605	72,897	2,382	1,917

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 4,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 225 811,408	22,258	21,793	0	100 000	100 000,000	2 245 804,733	22,458	21,992
1	99 661	95 369,763	2 125 811,408	22,290	21,825	1	99 711	95 417,046	2 145 804,733	22,489	22,023
2	99 637	91 240,875	2 030 441,645	22,254	21,788	2	99 689	91 287,870	2 050 387,687	22,461	21,995
3	99 624	87 300,228	1 939 200,770	22,213	21,747	3	99 676	87 345,334	1 959 099,817	22,429	21,964
4	99 612	83 530,985	1 851 900,542	22,170	21,705	4	99 666	83 575,718	1 871 754,483	22,396	21,930
5	99 601	79 924,836	1 768 369,557	22,125	21,660	5	99 656	79 969,402	1 788 178,765	22,361	21,895
6	99 592	76 476,146	1 688 444,721	22,078	21,612	6	99 650	76 520,544	1 708 209,363	22,324	21,858
7	99 583	73 176,325	1 611 968,575	22,029	21,563	7	99 642	73 220,055	1 631 688,819	22,285	21,819
8	99 573	70 018,387	1 538 792,249	21,977	21,511	8	99 638	70 063,701	1 558 468,764	22,244	21,778
9	99 566	66 998,138	1 468 773,863	21,923	21,457	9	99 630	67 041,772	1 488 405,063	22,201	21,736
10	99 558	64 107,904	1 401 775,725	21,866	21,400	10	99 625	64 151,395	1 421 363,292	22,156	21,691
11	99 550	61 342,709	1 337 667,821	21,806	21,341	11	99 620	61 385,482	1 357 211,897	22,110	21,644
12	99 543	58 697,100	1 276 325,112	21,744	21,279	12	99 612	58 737,571	1 295 826,414	22,061	21,596
13	99 535	56 164,501	1 217 628,012	21,680	21,214	13	99 606	56 204,650	1 237 088,843	22,010	21,545
14	99 525	53 740,939	1 161 463,512	21,612	21,147	14	99 598	53 780,103	1 180 884,194	21,958	21,492
15	99 513	51 420,383	1 107 722,573	21,542	21,077	15	99 589	51 459,465	1 127 104,091	21,903	21,437
16	99 497	49 198,460	1 056 302,190	21,470	21,005	16	99 577	49 237,806	1 075 644,626	21,846	21,380
17	99 475	47 069,101	1 007 103,729	21,396	20,931	17	99 564	47 111,495	1 026 406,819	21,787	21,321
18	99 448	45 030,192	960 034,629	21,320	20,854	18	99 551	45 076,925	979 295,325	21,725	21,259
19	99 410	43 074,459	915 004,437	21,242	20,777	19	99 535	43 128,812	934 218,400	21,661	21,196
20	99 370	41 202,945	871 929,978	21,162	20,696	20	99 519	41 264,806	891 089,588	21,594	21,129
21	99 329	39 412,386	830 727,033	21,078	20,612	21	99 503	39 481,389	849 824,782	21,525	21,059
22	99 289	37 699,947	791 314,648	20,990	20,524	22	99 486	37 774,819	810 343,393	21,452	20,986
23	99 247	36 061,380	753 614,700	20,898	20,432	23	99 469	36 142,087	772 568,574	21,376	20,910
24	99 205	34 493,998	717 553,320	20,802	20,337	24	99 453	34 580,072	736 426,487	21,296	20,831
25	99 160	32 993,490	683 059,322	20,703	20,237	25	99 436	33 085,543	701 846,414	21,213	20,747
26	99 116	31 558,773	650 065,832	20,599	20,133	26	99 417	31 654,651	668 760,872	21,127	20,661
27	99 072	30 186,475	618 507,059	20,490	20,024	27	99 399	30 286,133	637 106,221	21,036	20,571
28	99 028	28 873,587	588 320,585	20,376	19,910	28	99 379	28 975,867	606 820,088	20,942	20,477
29	98 982	27 617,447	559 446,998	20,257	19,791	29	99 355	27 721,503	577 844,221	20,845	20,379
30	98 933	26 415,141	531 829,551	20,134	19,668	30	99 330	26 521,208	550 122,718	20,743	20,277
31	98 881	25 264,298	505 414,410	20,005	19,539	31	99 302	25 371,969	523 601,511	20,637	20,171
32	98 824	24 162,493	480 150,112	19,872	19,406	32	99 270	24 271,579	498 229,541	20,527	20,062
33	98 764	23 107,878	455 987,619	19,733	19,267	33	99 237	23 218,589	473 957,963	20,413	19,947
34	98 695	22 097,298	432 879,741	19,590	19,124	34	99 202	22 210,964	450 739,374	20,294	19,828
35	98 625	21 130,880	410 782,442	19,440	18,974	35	99 164	21 246,396	428 528,410	20,169	19,704
36	98 551	20 205,671	389 651,563	19,284	18,819	36	99 118	20 321,986	407 282,014	20,041	19,576
37	98 464	19 318,495	369 445,892	19,124	18,658	37	99 071	19 437,603	386 960,028	19,908	19,442
38	98 365	18 468,157	350 127,397	18,958	18,493	38	99 021	18 591,185	367 522,425	19,769	19,303
39	98 266	17 654,921	331 659,240	18,786	18,320	39	98 966	17 780,750	348 931,240	19,624	19,158
40	98 152	16 875,154	314 004,319	18,607	18,142	40	98 901	17 004,001	331 150,490	19,475	19,009
41	98 031	16 128,488	297 129,165	18,423	17,957	41	98 839	16 261,469	314 146,489	19,318	18,853
42	97 888	15 411,569	281 000,678	18,233	17,767	42	98 766	15 549,809	297 885,020	19,157	18,691
43	97 750	14 727,050	265 589,109	18,034	17,568	43	98 687	14 868,194	282 335,211	18,989	18,524
44	97 594	14 070,397	250 862,059	17,829	17,363	44	98 598	14 215,193	267 467,017	18,816	18,350
45	97 425	13 441,150	236 791,662	17,617	17,151	45	98 505	13 590,189	253 251,825	18,635	18,169
46	97 242	12 838,171	223 350,512	17,397	16,932	46	98 399	12 990,976	239 661,636	18,448	17,983
47	97 041	12 259,990	210 512,340	17,171	16,705	47	98 283	12 416,835	226 670,660	18,255	17,789
48	96 815	11 704,694	198 252,350	16,938	16,472	48	98 155	11 866,700	214 253,825	18,055	17,589
49	96 561	11 171,269	186 547,656	16,699	16,233	49	98 006	11 338,466	202 387,125	17,850	17,384

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 4,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	10 658,815	175 376,387	16,454	15,988	50	97 841	10 831,934	191 048,659	17,638	17,172
51	95 968	10 167,047	164 717,573	16,201	15,736	51	97 661	10 346,374	180 216,726	17,418	16,953
52	95 624	9 694,421	154 550,526	15,942	15,477	52	97 458	9 880,277	169 870,352	17,193	16,727
53	95 242	9 239,887	144 856,105	15,677	15,212	53	97 243	9 433,968	159 990,075	16,959	16,493
54	94 812	8 802,085	135 616,218	15,407	14,942	54	97 002	9 005,345	150 556,106	16,719	16,253
55	94 338	8 380,863	126 814,132	15,131	14,666	55	96 735	8 593,820	141 550,761	16,471	16,006
56	93 801	7 974,357	118 433,270	14,852	14,386	56	96 434	8 198,156	132 956,942	16,218	15,752
57	93 207	7 582,630	110 458,913	14,567	14,102	57	96 108	7 818,596	124 758,786	15,957	15,491
58	92 548	7 204,808	102 876,283	14,279	13,813	58	95 747	7 453,806	116 940,190	15,689	15,223
59	91 833	6 841,300	95 671,475	13,984	13,519	59	95 347	7 103,059	109 486,384	15,414	14,948
60	91 035	6 489,810	88 830,174	13,688	13,222	60	94 905	6 765,684	102 383,325	15,133	14,667
61	90 165	6 151,010	82 340,364	13,386	12,921	61	94 418	6 441,147	95 617,640	14,845	14,379
62	89 210	5 823,782	76 189,355	13,082	12,617	62	93 891	6 129,345	89 176,494	14,549	14,083
63	88 162	5 507,496	70 365,572	12,776	12,311	63	93 316	5 829,494	83 047,149	14,246	13,780
64	87 020	5 202,056	64 858,076	12,468	12,002	64	92 685	5 540,752	77 217,655	13,936	13,471
65	85 790	4 907,688	59 656,020	12,156	11,690	65	91 999	5 262,872	71 676,904	13,619	13,154
66	84 473	4 624,254	54 748,332	11,839	11,374	66	91 261	4 995,882	66 414,031	13,294	12,828
67	83 054	4 350,783	50 124,079	11,521	11,055	67	90 462	4 738,880	61 418,149	12,960	12,495
68	81 552	4 088,153	45 773,295	11,197	10,731	68	89 616	4 492,377	56 679,269	12,617	12,151
69	79 951	3 835,281	41 685,142	10,869	10,403	69	88 701	4 255,059	52 186,892	12,265	11,799
70	78 265	3 592,749	37 849,861	10,535	10,069	70	87 677	4 024,813	47 931,833	11,909	11,443
71	76 503	3 360,643	34 257,112	10,194	9,728	71	86 577	3 803,152	43 907,020	11,545	11,079
72	74 595	3 135,729	30 896,469	9,853	9,387	72	85 381	3 589,104	40 103,868	11,174	10,708
73	72 635	2 921,828	27 760,740	9,501	9,036	73	84 104	3 383,210	36 514,764	10,793	10,327
74	70 541	2 715,399	24 838,912	9,147	8,682	74	82 697	3 183,338	33 131,554	10,408	9,942
75	68 341	2 517,438	22 123,513	8,788	8,322	75	81 192	2 990,839	29 948,216	10,013	9,548
76	66 001	2 326,550	19 606,075	8,427	7,961	76	79 559	2 804,462	26 957,377	9,612	9,147
77	63 529	2 142,992	17 279,525	8,063	7,598	77	77 797	2 624,255	24 152,915	9,204	8,738
78	60 972	1 968,144	15 136,533	7,691	7,225	78	75 934	2 451,134	21 528,660	8,783	8,318
79	58 245	1 799,166	13 168,389	7,319	6,854	79	73 868	2 281,765	19 077,526	8,361	7,895
80	55 363	1 636,513	11 369,223	6,947	6,482	80	71 592	2 116,237	16 795,761	7,937	7,471
81	52 275	1 478,678	9 732,710	6,582	6,116	81	69 068	1 953,699	14 679,524	7,514	7,048
82	49 023	1 326,989	8 254,032	6,220	5,755	82	66 277	1 794,009	12 725,825	7,094	6,628
83	45 621	1 181,717	6 927,043	5,862	5,396	83	63 161	1 636,064	10 931,816	6,682	6,216
84	42 017	1 041,496	5 745,326	5,516	5,051	84	59 675	1 479,196	9 295,753	6,284	5,819
85	38 253	907,368	4 703,830	5,184	4,718	85	55 869	1 325,207	7 816,557	5,898	5,433
86	34 355	779,807	3 796,463	4,868	4,403	86	51 751	1 174,686	6 491,350	5,526	5,060
87	30 415	660,655	3 016,656	4,566	4,101	87	47 338	1 028,240	5 316,664	5,171	4,705
88	26 491	550,631	2 356,001	4,279	3,813	88	42 647	886,456	4 288,424	4,838	4,372
89	22 604	449,604	1 805,370	4,015	3,550	89	37 815	752,170	3 401,968	4,523	4,057
90	18 870	359,172	1 355,766	3,775	3,309	90	32 944	627,067	2 649,798	4,226	3,760
91	15 409	280,674	996,594	3,551	3,085	91	28 098	511,785	2 022,731	3,952	3,487
92	12 317	214,687	715,920	3,335	2,869	92	23 435	408,484	1 510,946	3,699	3,233
93	9 559	159,435	501,233	3,144	2,678	93	19 031	317,427	1 102,463	3,473	3,008
94	7 217	115,198	341,797	2,967	2,501	94	15 045	240,133	785,036	3,269	2,804
95	5 269	80,484	226,599	2,815	2,350	95	11 593	177,065	544,903	3,077	2,612
96	3 736	54,613	146,115	2,675	2,210	96	8 645	126,359	367,838	2,911	2,445
97	2 561	35,822	91,502	2,554	2,089	97	6 230	87,144	241,479	2,771	2,305
98	1 708	22,866	55,680	2,435	1,969	98	4 394	58,813	154,335	2,624	2,159
99	1 107	14,179	32,814	2,314	1,849	99	2 992	38,325	95,522	2,492	2,027
100	686	8,403	18,635	2,218	1,752	100	1 965	24,086	57,197	2,375	1,909

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 4,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 126 079,318	21,261	20,795	0	100 000	100 000,000	2 143 233,650	21,432	20,966
1	99 661	95 142,150	2 026 079,318	21,295	20,829	1	99 711	95 189,320	2 043 233,650	21,465	20,999
2	99 637	90 805,878	1 930 937,167	21,264	20,798	2	99 689	90 852,648	1 948 044,330	21,442	20,976
3	99 624	86 676,657	1 840 131,290	21,230	20,764	3	99 676	86 721,441	1 857 191,682	21,416	20,950
4	99 612	82 736,403	1 753 454,633	21,193	20,727	4	99 666	82 780,711	1 770 470,240	21,387	20,921
5	99 601	78 975,621	1 670 718,229	21,155	20,689	5	99 656	79 019,657	1 687 689,529	21,358	20,892
6	99 592	75 387,536	1 591 742,608	21,114	20,648	6	99 650	75 431,302	1 608 669,872	21,326	20,860
7	99 583	71 962,528	1 516 355,072	21,071	20,605	7	99 642	72 005,531	1 533 238,570	21,293	20,827
8	99 573	68 692,634	1 444 392,545	21,027	20,561	8	99 638	68 737,090	1 461 233,039	21,258	20,792
9	99 566	65 572,699	1 375 699,911	20,980	20,514	9	99 630	65 615,405	1 392 495,949	21,222	20,756
10	99 558	62 594,211	1 310 127,212	20,930	20,464	10	99 625	62 636,675	1 326 880,544	21,184	20,718
11	99 550	59 751,360	1 247 533,001	20,879	20,413	11	99 620	59 793,024	1 264 243,869	21,144	20,678
12	99 543	57 037,929	1 187 781,641	20,824	20,358	12	99 612	57 077,256	1 204 450,845	21,102	20,636
13	99 535	54 446,663	1 130 743,712	20,768	20,302	13	99 606	54 485,584	1 147 373,589	21,058	20,592
14	99 525	51 972,891	1 076 297,049	20,709	20,243	14	99 598	52 010,766	1 092 888,005	21,013	20,547
15	99 513	49 609,996	1 024 324,158	20,648	20,182	15	99 589	49 647,702	1 040 877,239	20,965	20,499
16	99 497	47 353,017	974 714,162	20,584	20,118	16	99 577	47 390,887	991 229,537	20,916	20,450
17	99 475	45 195,407	927 361,145	20,519	20,053	17	99 564	45 236,113	943 838,650	20,865	20,399
18	99 448	43 134,469	882 165,739	20,452	19,986	18	99 551	43 179,235	898 602,537	20,811	20,345
19	99 410	41 162,595	839 031,270	20,383	19,917	19	99 535	41 214,535	855 423,302	20,755	20,289
20	99 370	39 280,177	797 868,675	20,312	19,846	20	99 519	39 339,151	814 208,767	20,697	20,231
21	99 329	37 483,502	758 588,498	20,238	19,772	21	99 503	37 549,129	774 869,615	20,636	20,170
22	99 289	35 769,300	721 104,996	20,160	19,694	22	99 486	35 840,337	737 320,487	20,572	20,106
23	99 247	34 132,987	685 335,696	20,078	19,612	23	99 469	34 209,378	701 480,150	20,505	20,039
24	99 205	32 571,499	651 202,709	19,993	19,527	24	99 453	32 652,776	667 270,772	20,435	19,969
25	99 160	31 080,266	618 631,210	19,904	19,438	25	99 436	31 166,981	634 617,995	20,362	19,896
26	99 116	29 657,793	587 550,944	19,811	19,345	26	99 417	29 747,896	603 451,015	20,286	19,819
27	99 072	28 300,453	557 893,151	19,713	19,247	27	99 399	28 393,885	573 703,119	20,205	19,739
28	99 028	27 004,988	529 592,698	19,611	19,145	28	99 379	27 100,648	545 309,234	20,122	19,656
29	98 982	25 768,494	502 587,710	19,504	19,038	29	99 355	25 865,583	518 208,586	20,035	19,569
30	98 933	24 587,858	476 819,216	19,392	18,926	30	99 330	24 686,588	492 343,002	19,944	19,478
31	98 881	23 460,500	452 231,358	19,276	18,810	31	99 302	23 560,484	467 656,415	19,849	19,383
32	98 824	22 383,811	428 770,858	19,155	18,689	32	99 270	22 484,866	444 095,931	19,751	19,285
33	98 764	21 355,739	406 387,048	19,029	18,563	33	99 237	21 458,056	421 611,065	19,648	19,182
34	98 695	20 373,047	385 031,309	18,899	18,433	34	99 202	20 477,843	400 153,010	19,541	19,075
35	98 625	19 435,541	364 658,262	18,762	18,296	35	99 164	19 541,789	379 675,167	19,429	18,963
36	98 551	18 540,208	345 222,721	18,620	18,154	36	99 118	18 646,935	360 133,377	19,313	18,847
37	98 464	17 683,852	326 682,513	18,473	18,007	37	99 071	17 792,881	341 486,442	19,192	18,726
38	98 365	16 865,118	308 998,662	18,322	17,856	38	99 021	16 977,468	323 693,561	19,066	18,600
39	98 266	16 083,993	292 133,544	18,163	17,697	39	98 966	16 198,626	306 716,093	18,935	18,469
40	98 152	15 336,918	276 049,551	17,999	17,533	40	98 901	15 454,020	290 517,468	18,799	18,333
41	98 031	14 623,329	260 712,633	17,829	17,363	41	98 839	14 743,900	275 063,448	18,656	18,190
42	97 888	13 939,966	246 089,304	17,654	17,187	42	98 766	14 065,006	260 319,547	18,508	18,042
43	97 750	13 289,018	232 149,338	17,469	17,003	43	98 687	13 416,380	246 254,541	18,355	17,889
44	97 594	12 666,183	218 860,320	17,279	16,813	44	98 598	12 796,528	232 838,161	18,195	17,729
45	97 425	12 070,856	206 194,137	17,082	16,616	45	98 505	12 204,701	220 041,634	18,029	17,563
46	97 242	11 501,834	194 123,281	16,878	16,412	46	98 399	11 638,733	207 836,933	17,857	17,391
47	97 041	10 957,621	182 621,447	16,666	16,200	47	98 283	11 097,805	196 198,200	17,679	17,213
48	96 815	10 436,346	171 663,826	16,449	15,983	48	98 155	10 580,797	185 100,396	17,494	17,028
49	96 561	9 936,952	161 227,480	16,225	15,759	49	98 006	10 085,675	174 519,599	17,304	16,838

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 4,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	9 458,491	151 290,528	15,995	15,529	50	97 841	9 612,115	164 433,924	17,107	16,641
51	95 968	9 000,570	141 832,037	15,758	15,292	51	97 661	9 159,323	154 821,809	16,903	16,437
52	95 624	8 561,687	132 831,467	15,515	15,049	52	97 458	8 725,827	145 662,487	16,693	16,227
53	95 242	8 140,787	124 269,780	15,265	14,799	53	97 243	8 311,782	136 936,660	16,475	16,009
54	94 812	7 736,554	116 128,993	15,010	14,544	54	97 002	7 915,208	128 624,878	16,250	15,784
55	94 338	7 348,741	108 392,439	14,750	14,284	55	96 735	7 535,472	120 709,670	16,019	15,553
56	93 801	6 975,609	101 043,698	14,485	14,019	56	96 434	7 171,379	113 174,198	15,781	15,315
57	93 207	6 617,114	94 068,089	14,216	13,750	57	96 108	6 823,034	106 002,819	15,536	15,070
58	92 548	6 272,395	87 450,974	13,942	13,476	58	95 747	6 489,169	99 179,785	15,284	14,818
59	91 833	5 941,716	81 178,579	13,662	13,196	59	95 347	6 169,056	92 690,616	15,025	14,559
60	91 035	5 622,993	75 236,863	13,380	12,914	60	94 905	5 862,020	86 521,560	14,760	14,294
61	90 165	5 316,725	69 613,870	13,093	12,627	61	94 418	5 567,510	80 659,541	14,488	14,022
62	89 210	5 021,867	64 297,145	12,803	12,337	62	93 891	5 285,354	75 092,031	14,208	13,742
63	88 162	4 737,798	59 275,278	12,511	12,045	63	93 316	5 014,795	69 806,677	13,920	13,454
64	87 020	4 464,364	54 537,481	12,216	11,750	64	92 685	4 755,030	64 791,882	13,626	13,160
65	85 790	4 201,688	50 073,117	11,917	11,451	65	91 999	4 505,777	60 036,853	13,324	12,858
66	84 473	3 949,578	45 871,429	11,614	11,148	66	91 261	4 266,987	55 531,076	13,014	12,548
67	83 054	3 707,138	41 921,851	11,308	10,842	67	90 462	4 037,821	51 264,089	12,696	12,230
68	81 552	3 475,048	38 214,712	10,997	10,531	68	89 616	3 818,649	47 226,268	12,367	11,901
69	79 951	3 252,318	34 739,665	10,682	10,216	69	88 701	3 608,290	43 407,619	12,030	11,564
70	78 265	3 039,380	31 487,347	10,360	9,894	70	87 677	3 404,895	39 799,329	11,689	11,223
71	76 503	2 836,239	28 447,967	10,030	9,564	71	86 577	3 209,697	36 394,433	11,339	10,873
72	74 595	2 640,104	25 611,728	9,701	9,235	72	85 381	3 021,820	33 184,736	10,982	10,516
73	72 635	2 454,142	22 971,624	9,360	8,894	73	84 104	2 841,671	30 162,915	10,614	10,148
74	70 541	2 275,311	20 517,482	9,017	8,551	74	82 697	2 667,411	27 321,244	10,243	9,777
75	68 341	2 104,400	18 242,171	8,669	8,203	75	81 192	2 500,129	24 653,833	9,861	9,395
76	66 001	1 940,189	16 137,771	8,318	7,852	76	79 559	2 338,736	22 153,704	9,473	9,007
77	63 529	1 782,848	14 197,582	7,963	7,497	77	77 797	2 183,233	19 814,968	9,076	8,610
78	60 972	1 633,477	12 414,734	7,600	7,134	78	75 934	2 034,338	17 631,735	8,667	8,201
79	58 245	1 489,669	10 781,256	7,237	6,771	79	73 868	1 889,250	15 597,397	8,256	7,790
80	55 363	1 351,761	9 291,588	6,874	6,408	80	71 592	1 748,014	13 708,147	7,842	7,376
81	52 275	1 218,475	7 939,826	6,516	6,050	81	69 068	1 609,906	11 960,133	7,429	6,963
82	49 023	1 090,869	6 721,351	6,161	5,695	82	66 277	1 474,789	10 350,227	7,018	6,552
83	45 621	969,128	5 630,483	5,810	5,344	83	63 161	1 341,738	8 875,438	6,615	6,149
84	42 017	852,093	4 661,355	5,470	5,004	84	59 675	1 210,195	7 533,700	6,225	5,759
85	38 253	740,586	3 809,261	5,144	4,678	85	55 869	1 081,622	6 323,505	5,846	5,380
86	34 355	634,952	3 068,676	4,833	4,367	86	51 751	956,481	5 241,883	5,480	5,014
87	30 415	536,650	2 433,723	4,535	4,069	87	47 338	835,239	4 285,402	5,131	4,665
88	26 491	446,210	1 897,073	4,252	3,786	88	42 647	718,350	3 450,163	4,803	4,337
89	22 604	363,472	1 450,863	3,992	3,526	89	37 815	608,074	2 731,813	4,493	4,027
90	18 870	289,671	1 087,391	3,754	3,288	90	32 944	505,729	2 123,738	4,199	3,733
91	15 409	225,823	797,719	3,532	3,066	91	28 098	411,768	1 618,010	3,929	3,463
92	12 317	172,319	571,896	3,319	2,853	92	23 435	327,870	1 206,241	3,679	3,213
93	9 559	127,666	399,577	3,130	2,664	93	19 031	254,175	878,371	3,456	2,990
94	7 217	92,023	271,911	2,955	2,489	94	15 045	191,824	624,196	3,254	2,788
95	5 269	64,140	179,888	2,805	2,339	95	11 593	141,106	432,371	3,064	2,598
96	3 736	43,418	115,748	2,666	2,200	96	8 645	100,458	291,265	2,899	2,433
97	2 561	28,411	72,330	2,546	2,080	97	6 230	69,116	190,807	2,761	2,295
98	1 708	18,092	43,919	2,427	1,961	98	4 394	46,534	121,691	2,615	2,149
99	1 107	11,192	25,827	2,308	1,842	99	2 992	30,252	75,157	2,484	2,018
100	686	6,617	14,635	2,212	1,746	100	1 965	18,967	44,905	2,368	1,902

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 5,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 034 476,217	20,345	19,878	0	100 000	100 000,000	2 049 239,245	20,492	20,026
1	99 661	94 915,621	1 934 476,217	20,381	19,915	1	99 711	94 962,679	1 949 239,245	20,526	20,060
2	99 637	90 373,983	1 839 560,595	20,355	19,889	2	99 689	90 420,531	1 854 276,566	20,507	20,041
3	99 624	86 059,011	1 749 186,612	20,325	19,859	3	99 676	86 103,476	1 763 856,035	20,485	20,019
4	99 612	81 951,247	1 663 127,601	20,294	19,828	4	99 666	81 995,135	1 677 752,559	20,462	19,995
5	99 601	78 039,902	1 581 176,353	20,261	19,795	5	99 656	78 083,416	1 595 757,424	20,437	19,970
6	99 592	74 316,961	1 503 136,452	20,226	19,760	6	99 650	74 360,106	1 517 674,008	20,410	19,943
7	99 583	70 771,685	1 428 819,491	20,189	19,723	7	99 642	70 813,977	1 443 313,902	20,382	19,915
8	99 573	67 395,055	1 358 047,806	20,151	19,684	8	99 638	67 438,671	1 372 499,925	20,352	19,885
9	99 566	64 180,878	1 290 652,751	20,110	19,643	9	99 630	64 222,677	1 305 061,254	20,321	19,854
10	99 558	61 119,739	1 226 471,873	20,067	19,600	10	99 625	61 161,203	1 240 838,577	20,288	19,822
11	99 550	58 204,941	1 165 352,133	20,022	19,555	11	99 620	58 245,527	1 179 677,373	20,254	19,787
12	99 543	55 429,446	1 107 147,192	19,974	19,508	12	99 612	55 467,664	1 121 431,847	20,218	19,751
13	99 535	52 785,275	1 051 717,746	19,924	19,458	13	99 606	52 823,008	1 065 964,182	20,180	19,714
14	99 525	50 267,019	998 932,471	19,873	19,406	14	99 598	50 303,651	1 013 141,174	20,141	19,674
15	99 513	47 867,437	948 665,452	19,819	19,352	15	99 589	47 903,819	962 837,523	20,099	19,633
16	99 497	45 580,950	900 798,015	19,763	19,296	16	99 577	45 617,403	914 933,704	20,057	19,590
17	99 475	43 400,502	855 217,065	19,705	19,239	17	99 564	43 439,592	869 316,301	20,012	19,546
18	99 448	41 322,790	811 816,563	19,646	19,179	18	99 551	41 365,676	825 876,709	19,965	19,499
19	99 410	39 339,847	770 493,772	19,586	19,119	19	99 535	39 389,487	784 511,033	19,917	19,450
20	99 370	37 451,402	731 153,925	19,523	19,056	20	99 519	37 507,631	745 121,546	19,866	19,399
21	99 329	35 653,284	693 702,523	19,457	18,991	21	99 503	35 715,707	707 613,914	19,812	19,346
22	99 289	33 941,775	658 049,238	19,388	18,921	22	99 486	34 009,183	671 898,208	19,756	19,290
23	99 247	32 311,949	624 107,463	19,315	18,849	23	99 469	32 384,264	637 889,025	19,697	19,231
24	99 205	30 760,354	591 795,515	19,239	18,773	24	99 453	30 837,112	605 504,761	19,636	19,169
25	99 160	29 282,156	561 035,161	19,160	18,693	25	99 436	29 363,853	574 667,649	19,571	19,104
26	99 116	27 875,450	531 753,005	19,076	18,610	26	99 417	27 960,138	545 303,796	19,503	19,036
27	99 072	26 536,349	503 877,556	18,988	18,522	27	99 399	26 623,956	517 343,658	19,432	18,965
28	99 028	25 261,347	477 341,207	18,896	18,430	28	99 379	25 350,830	490 719,702	19,357	18,891
29	98 982	24 047,298	452 079,861	18,800	18,333	29	99 355	24 137,902	465 368,871	19,280	18,813
30	98 933	22 890,890	428 032,563	18,699	18,232	30	99 330	22 982,805	441 230,969	19,198	18,732
31	98 881	21 789,334	405 141,673	18,594	18,127	31	99 302	21 882,196	418 248,164	19,114	18,647
32	98 824	20 739,843	383 352,339	18,484	18,017	32	99 270	20 833,476	396 365,967	19,025	18,559
33	98 764	19 740,165	362 612,495	18,369	17,903	33	99 237	19 834,741	375 532,491	18,933	18,467
34	98 695	18 786,976	342 872,330	18,251	17,784	34	99 202	18 883,614	355 697,750	18,836	18,370
35	98 625	17 879,784	324 085,354	18,126	17,659	35	99 164	17 977,528	336 814,136	18,735	18,269
36	98 551	17 015,510	306 205,570	17,996	17,529	36	99 118	17 113,460	318 836,608	18,631	18,164
37	98 464	16 190,936	289 190,060	17,861	17,395	37	99 071	16 290,762	301 723,148	18,521	18,055
38	98 365	15 404,557	272 999,123	17,722	17,256	38	99 021	15 507,177	285 432,386	18,406	17,940
39	98 266	14 656,101	257 594,566	17,576	17,110	39	98 966	14 760,557	269 925,209	18,287	17,821
40	98 152	13 942,074	242 938,466	17,425	16,958	40	98 901	14 048,526	255 164,652	18,163	17,697
41	98 031	13 261,733	228 996,391	17,267	16,801	41	98 839	13 371,078	241 116,126	18,033	17,566
42	97 888	12 611,899	215 734,658	17,106	16,639	42	98 766	12 725,026	227 745,048	17,897	17,431
43	97 750	11 994,341	203 122,759	16,935	16,468	43	98 687	12 109,294	215 020,021	17,757	17,290
44	97 594	11 404,966	191 128,418	16,758	16,292	44	98 598	11 522,332	202 910,727	17,610	17,144
45	97 425	10 843,039	179 723,452	16,575	16,109	45	98 505	10 963,270	191 388,395	17,457	16,991
46	97 242	10 307,297	168 880,413	16,385	15,918	46	98 399	10 429,978	180 425,125	17,299	16,832
47	97 041	9 796,224	158 573,116	16,187	15,721	47	98 283	9 921,550	169 995,147	17,134	16,668
48	96 815	9 307,984	148 776,892	15,984	15,517	48	98 155	9 436,817	160 073,598	16,963	16,496
49	96 561	8 841,482	139 468,907	15,774	15,308	49	98 006	8 973,810	150 636,781	16,786	16,320

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 5,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	8 395,730	130 627,425	15,559	15,092	50	97 841	8 532,093	141 662,971	16,604	16,137
51	95 968	7 970,240	122 231,695	15,336	14,870	51	97 661	8 110,819	133 130,878	16,414	15,948
52	95 624	7 563,545	114 261,455	15,107	14,640	52	97 458	7 708,550	125 020,059	16,218	15,752
53	95 242	7 174,592	106 697,910	14,872	14,405	53	97 243	7 325,292	117 311,509	16,015	15,548
54	94 812	6 802,101	99 523,317	14,631	14,165	54	97 002	6 959,177	109 986,217	15,804	15,338
55	94 338	6 445,747	92 721,216	14,385	13,918	55	96 735	6 609,533	103 027,040	15,588	15,121
56	93 801	6 103,897	86 275,469	14,134	13,668	56	96 434	6 275,201	96 417,507	15,365	14,898
57	93 207	5 776,415	80 171,572	13,879	13,413	57	96 108	5 956,173	90 142,305	15,134	14,668
58	92 548	5 462,456	74 395,157	13,619	13,153	58	95 747	5 651,238	84 186,133	14,897	14,431
59	91 833	5 162,156	68 932,702	13,353	12,887	59	95 347	5 359,668	78 534,895	14,653	14,187
60	91 035	4 873,618	63 770,546	13,085	12,618	60	94 905	5 080,790	73 175,227	14,402	13,936
61	90 165	4 597,195	58 896,928	12,811	12,345	61	94 418	4 814,040	68 094,437	14,145	13,679
62	89 210	4 331,902	54 299,733	12,535	12,068	62	93 891	4 559,188	63 280,397	13,880	13,413
63	88 162	4 077,131	49 967,831	12,256	11,789	63	93 316	4 315,502	58 721,209	13,607	13,141
64	87 020	3 832,679	45 890,700	11,974	11,507	64	92 685	4 082,217	54 405,707	13,327	12,861
65	85 790	3 598,582	42 058,021	11,687	11,221	65	91 999	3 859,022	50 323,490	13,040	12,574
66	84 473	3 374,606	38 459,439	11,397	10,930	66	91 261	3 645,807	46 464,468	12,745	12,278
67	83 054	3 159,919	35 084,833	11,103	10,637	67	90 462	3 441,788	42 818,661	12,441	11,974
68	81 552	2 955,035	31 924,915	10,804	10,337	68	89 616	3 247,219	39 376,873	12,126	11,660
69	79 951	2 759,050	28 969,880	10,500	10,034	69	88 701	3 061,033	36 129,654	11,803	11,337
70	78 265	2 572,268	26 210,830	10,190	9,723	70	87 677	2 881,609	33 068,621	11,476	11,009
71	76 503	2 394,632	23 638,562	9,871	9,405	71	86 577	2 709,943	30 187,012	11,139	10,673
72	74 595	2 223,729	21 243,930	9,553	9,087	72	85 381	2 545,244	27 477,069	10,795	10,329
73	72 635	2 062,173	19 020,201	9,223	8,757	73	84 104	2 387,807	24 931,825	10,441	9,975
74	70 541	1 907,353	16 958,028	8,891	8,424	74	82 697	2 236,043	22 544,018	10,082	9,616
75	68 341	1 759,881	15 050,675	8,552	8,086	75	81 192	2 090,823	20 307,975	9,713	9,247
76	66 001	1 618,690	13 290,795	8,211	7,744	76	79 559	1 951,196	18 217,151	9,336	8,870
77	63 529	1 483,880	11 672,105	7,866	7,400	77	77 797	1 817,123	16 265,955	8,951	8,485
78	60 972	1 356,320	10 188,225	7,512	7,045	78	75 934	1 689,166	14 448,832	8,554	8,087
79	58 245	1 233,967	8 831,904	7,157	6,691	79	73 868	1 564,960	12 759,666	8,153	7,687
80	55 363	1 117,066	7 597,937	6,802	6,335	80	71 592	1 444,520	11 194,706	7,750	7,283
81	52 275	1 004,523	6 480,872	6,452	5,985	81	69 068	1 327,223	9 750,186	7,346	6,880
82	49 023	897,182	5 476,348	6,104	5,638	82	66 277	1 212,936	8 422,963	6,944	6,478
83	45 621	795,159	4 579,166	5,759	5,292	83	63 161	1 100,881	7 210,027	6,549	6,083
84	42 017	697,469	3 784,007	5,425	4,959	84	59 675	990,588	6 109,145	6,167	5,701
85	38 253	604,752	3 086,539	5,104	4,637	85	55 869	883,238	5 118,558	5,795	5,329
86	34 355	517,259	2 481,787	4,798	4,332	86	51 751	779,190	4 235,319	5,436	4,969
87	30 415	436,137	1 964,527	4,504	4,038	87	47 338	678,801	3 456,130	5,092	4,625
88	26 491	361,773	1 528,390	4,225	3,758	88	42 647	582,415	2 777,328	4,769	4,302
89	22 604	293,990	1 166,617	3,968	3,502	89	37 815	491,833	2 194,913	4,463	3,996
90	18 870	233,739	872,627	3,733	3,267	90	32 944	408,078	1 703,080	4,173	3,707
91	15 409	181,785	638,888	3,515	3,048	91	28 098	331,470	1 295,002	3,907	3,440
92	12 317	138,385	457,103	3,303	2,837	92	23 435	263,304	963,532	3,659	3,193
93	9 559	102,281	318,718	3,116	2,650	93	19 031	203,635	700,228	3,439	2,972
94	7 217	73,550	216,437	2,943	2,476	94	15 045	153,316	496,592	3,239	2,773
95	5 269	51,142	142,887	2,794	2,328	95	11 593	112,511	343,276	3,051	2,585
96	3 736	34,537	91,745	2,656	2,190	96	8 645	79,909	230,765	2,888	2,421
97	2 561	22,546	57,208	2,537	2,071	97	6 230	54,847	150,855	2,750	2,284
98	1 708	14,323	34,662	2,420	1,954	98	4 394	36,840	96,008	2,606	2,140
99	1 107	8,839	20,339	2,301	1,835	99	2 992	23,892	59,168	2,476	2,010
100	686	5,213	11,500	2,206	1,740	100	1 965	14,944	35,276	2,361	1,894

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 5,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 950 136,501	19,501	19,035	0	100 000	100 000,000	1 962 881,286	19,629	19,162
1	99 661	94 690,168	1 850 136,501	19,539	19,072	1	99 711	94 737,114	1 862 881,286	19,664	19,197
2	99 637	89 945,163	1 755 446,333	19,517	19,050	2	99 689	89 991,490	1 768 144,172	19,648	19,181
3	99 624	85 447,219	1 665 501,170	19,492	19,025	3	99 676	85 491,368	1 678 152,682	19,629	19,163
4	99 612	81 175,383	1 580 053,950	19,465	18,998	4	99 666	81 218,855	1 592 661,313	19,610	19,143
5	99 601	77 117,455	1 498 878,567	19,436	18,970	5	99 656	77 160,455	1 511 442,458	19,588	19,122
6	99 592	73 264,082	1 421 761,113	19,406	18,939	6	99 650	73 306,615	1 434 282,004	19,566	19,099
7	99 583	69 603,311	1 348 497,031	19,374	18,907	7	99 642	69 644,905	1 360 975,389	19,542	19,075
8	99 573	66 124,985	1 278 893,720	19,341	18,874	8	99 638	66 167,779	1 291 330,484	19,516	19,049
9	99 566	62 821,804	1 212 768,735	19,305	18,838	9	99 630	62 862,718	1 225 162,704	19,489	19,023
10	99 558	59 683,384	1 149 946,931	19,267	18,801	10	99 625	59 723,873	1 162 299,986	19,461	18,994
11	99 550	56 702,080	1 090 263,547	19,228	18,761	11	99 620	56 741,618	1 102 576,113	19,432	18,965
12	99 543	53 869,987	1 033 561,466	19,186	18,719	12	99 612	53 907,130	1 045 834,495	19,401	18,934
13	99 535	51 178,355	979 691,479	19,143	18,676	13	99 606	51 214,939	991 927,364	19,368	18,901
14	99 525	48 620,996	928 513,124	19,097	18,630	14	99 598	48 656,429	940 712,425	19,334	18,867
15	99 513	46 190,014	879 892,128	19,049	18,583	15	99 589	46 225,121	892 055,997	19,298	18,831
16	99 497	43 879,178	833 702,114	19,000	18,533	16	99 577	43 914,270	845 830,875	19,261	18,794
17	99 475	41 680,897	789 822,935	18,949	18,482	17	99 564	41 718,438	801 916,605	19,222	18,755
18	99 448	39 591,243	748 142,038	18,897	18,430	18	99 551	39 632,332	760 198,166	19,181	18,714
19	99 410	37 601,863	708 550,794	18,844	18,377	19	99 535	37 649,310	720 565,834	19,139	18,672
20	99 370	35 711,819	670 948,931	18,788	18,321	20	99 519	35 765,436	682 916,524	19,094	18,628
21	99 329	33 916,469	635 237,112	18,729	18,263	21	99 503	33 975,850	647 151,088	19,047	18,581
22	99 289	32 211,640	601 320,643	18,668	18,201	22	99 486	32 275,612	613 175,237	18,998	18,531
23	99 247	30 592,053	569 109,003	18,603	18,136	23	99 469	30 660,519	580 899,626	18,946	18,479
24	99 205	29 053,870	538 516,950	18,535	18,068	24	99 453	29 126,370	550 239,107	18,891	18,425
25	99 160	27 591,983	509 463,080	18,464	17,997	25	99 436	27 668,965	521 112,737	18,834	18,367
26	99 116	26 204,081	481 871,098	18,389	17,922	26	99 417	26 283,692	493 443,772	18,774	18,307
27	99 072	24 886,018	455 667,016	18,310	17,843	27	99 399	24 968,178	467 160,080	18,710	18,243
28	99 028	23 634,039	430 780,998	18,227	17,760	28	99 379	23 717,758	442 191,903	18,644	18,177
29	98 982	22 444,758	407 146,959	18,140	17,673	29	99 355	22 529,324	418 474,145	18,575	18,108
30	98 933	21 314,665	384 702,201	18,049	17,582	30	99 330	21 400,252	395 944,820	18,502	18,035
31	98 881	20 240,768	363 387,536	17,953	17,486	31	99 302	20 327,031	374 544,569	18,426	17,959
32	98 824	19 220,102	343 146,768	17,854	17,387	32	99 270	19 306,874	354 217,538	18,347	17,880
33	98 764	18 250,224	323 926,665	17,749	17,282	33	99 237	18 337,662	334 910,664	18,264	17,797
34	98 695	17 327,723	305 676,441	17,641	17,174	34	99 202	17 416,855	316 573,002	18,176	17,709
35	98 625	16 451,825	288 348,718	17,527	17,060	35	99 164	16 541,762	299 156,147	18,085	17,618
36	98 551	15 619,387	271 896,893	17,408	16,941	36	99 118	15 709,300	282 614,385	17,990	17,523
37	98 464	14 827,167	256 277,506	17,284	16,818	37	99 071	14 918,584	266 905,085	17,891	17,424
38	98 365	14 073,516	241 450,340	17,156	16,690	38	99 021	14 167,269	251 986,501	17,787	17,320
39	98 266	13 357,926	227 376,824	17,022	16,555	39	98 966	13 453,130	237 819,232	17,678	17,211
40	98 152	12 676,962	214 018,898	16,883	16,416	40	98 901	12 773,754	224 366,103	17,565	17,098
41	98 031	12 029,713	201 341,936	16,737	16,270	41	98 839	12 128,900	211 592,348	17,445	16,979
42	97 888	11 413,075	189 312,223	16,587	16,121	42	98 766	11 515,449	199 463,449	17,321	16,855
43	97 750	10 828,437	177 899,149	16,429	15,962	43	98 687	10 932,216	187 948,000	17,192	16,725
44	97 594	10 271,894	167 070,712	16,265	15,798	44	98 598	10 377,600	177 015,784	17,057	16,591
45	97 425	9 742,598	156 798,818	16,094	15,627	45	98 505	9 850,627	166 638,184	16,917	16,450
46	97 242	9 239,229	147 056,219	15,917	15,450	46	98 399	9 349,198	156 787,557	16,770	16,303
47	97 041	8 760,257	137 816,991	15,732	15,265	47	98 283	8 872,329	147 438,360	16,618	16,151
48	96 815	8 303,878	129 056,733	15,542	15,075	48	98 155	8 418,813	138 566,030	16,459	15,992
49	96 561	7 868,965	120 752,855	15,345	14,879	49	98 006	7 986,737	130 147,217	16,295	15,829

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 5,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	7 454,495	112 883,890	15,143	14,676	50	97 841	7 575,570	122 160,480	16,126	15,659
51	95 968	7 059,896	105 429,395	14,934	14,467	51	97 661	7 184,419	114 584,910	15,949	15,482
52	95 624	6 683,740	98 369,499	14,718	14,251	52	97 458	6 811,877	107 400,491	15,767	15,300
53	95 242	6 324,971	91 685,759	14,496	14,029	53	97 243	6 457,825	100 588,614	15,576	15,109
54	94 812	5 982,347	85 360,788	14,269	13,802	54	97 002	6 120,493	94 130,789	15,380	14,913
55	94 338	5 655,473	79 378,441	14,036	13,569	55	96 735	5 799,178	88 010,297	15,176	14,710
56	93 801	5 342,814	73 722,968	13,799	13,332	56	96 434	5 492,759	82 211,118	14,967	14,500
57	93 207	5 044,156	68 380,154	13,556	13,090	57	96 108	5 201,126	76 718,359	14,750	14,284
58	92 548	4 758,666	63 335,998	13,310	12,843	58	95 747	4 923,125	71 517,233	14,527	14,060
59	91 833	4 486,376	58 577,332	13,057	12,590	59	95 347	4 658,031	66 594,108	14,297	13,830
60	91 035	4 225,549	54 090,957	12,801	12,334	60	94 905	4 405,172	61 936,077	14,060	13,593
61	90 165	3 976,415	49 865,408	12,540	12,073	61	94 418	4 163,979	57 530,904	13,816	13,350
62	89 210	3 738,046	45 888,992	12,276	11,809	62	93 891	3 934,174	53 366,925	13,565	13,098
63	88 162	3 509,845	42 150,946	12,009	11,543	63	93 316	3 715,049	49 432,751	13,306	12,839
64	87 020	3 291,569	38 641,101	11,739	11,273	64	92 685	3 505,876	45 717,702	13,040	12,574
65	85 790	3 083,181	35 349,533	11,465	10,998	65	91 999	3 306,320	42 211,826	12,767	12,300
66	84 473	2 884,416	32 266,352	11,186	10,720	66	91 261	3 116,223	38 905,506	12,485	12,018
67	83 054	2 694,498	29 381,936	10,904	10,438	67	90 462	2 934,852	35 789,283	12,195	11,728
68	81 552	2 513,806	26 687,437	10,616	10,150	68	89 616	2 762,364	32 854,431	11,894	11,427
69	79 951	2 341,510	24 173,631	10,324	9,857	69	88 701	2 597,792	30 092,068	11,584	11,117
70	78 265	2 177,809	21 832,121	10,025	9,558	70	87 677	2 439,713	27 494,275	11,269	10,803
71	76 503	2 022,598	19 654,312	9,717	9,251	71	86 577	2 288,922	25 054,563	10,946	10,479
72	74 595	1 873,785	17 631,713	9,410	8,943	72	85 381	2 144,704	22 765,641	10,615	10,148
73	72 635	1 733,526	15 757,928	9,090	8,623	73	84 104	2 007,264	20 620,937	10,273	9,806
74	70 541	1 599,571	14 024,402	8,768	8,301	74	82 697	1 875,221	18 613,673	9,926	9,459
75	68 341	1 472,390	12 424,832	8,439	7,972	75	81 192	1 749,270	16 738,451	9,569	9,102
76	66 001	1 351,047	10 952,442	8,107	7,640	76	79 559	1 628,575	14 989,181	9,204	8,737
77	63 529	1 235,586	9 601,395	7,771	7,304	77	77 797	1 513,068	13 360,606	8,830	8,363
78	60 972	1 126,687	8 365,809	7,425	6,958	78	75 934	1 403,180	11 847,538	8,443	7,977
79	58 245	1 022,614	7 239,122	7,079	6,612	79	73 868	1 296,915	10 444,358	8,053	7,586
80	55 363	923,537	6 216,508	6,731	6,264	80	71 592	1 194,261	9 147,443	7,660	7,193
81	52 275	828,520	5 292,971	6,388	5,922	81	69 068	1 094,679	7 953,182	7,265	6,799
82	49 023	738,228	4 464,451	6,048	5,581	82	66 277	998,040	6 858,503	6,872	6,405
83	45 621	652,726	3 726,223	5,709	5,242	83	63 161	903,686	5 860,463	6,485	6,018
84	42 017	571,175	3 073,497	5,381	4,914	84	59 675	811,217	4 956,777	6,110	5,643
85	38 253	494,071	2 502,322	5,065	4,598	85	55 869	721,588	4 145,560	5,745	5,278
86	34 355	421,587	2 008,251	4,764	4,297	86	51 751	635,070	3 423,972	5,391	4,925
87	30 415	354,625	1 586,665	4,474	4,007	87	47 338	551,936	2 788,901	5,053	4,586
88	26 491	293,460	1 232,040	4,198	3,732	88	42 647	472,439	2 236,965	4,735	4,268
89	22 604	237,910	938,580	3,945	3,478	89	37 815	398,014	1 764,526	4,433	3,967
90	18 870	188,703	700,670	3,713	3,246	90	32 944	329,451	1 366,512	4,148	3,681
91	15 409	146,411	511,967	3,497	3,030	91	28 098	266,967	1 037,061	3,885	3,418
92	12 317	111,191	365,556	3,288	2,821	92	23 435	211,563	770,094	3,640	3,173
93	9 559	81,987	254,365	3,103	2,636	93	19 031	163,231	558,531	3,422	2,955
94	7 217	58,817	172,378	2,931	2,464	94	15 045	122,604	395,300	3,224	2,757
95	5 269	40,800	113,561	2,783	2,317	95	11 593	89,759	272,696	3,038	2,571
96	3 736	27,487	72,761	2,647	2,180	96	8 645	63,599	182,936	2,876	2,410
97	2 561	17,901	45,274	2,529	2,062	97	6 230	43,549	119,338	2,740	2,274
98	1 708	11,346	27,372	2,413	1,946	98	4 394	29,181	75,789	2,597	2,130
99	1 107	6,985	16,027	2,295	1,828	99	2 992	18,880	46,608	2,469	2,002
100	686	4,110	9,042	2,200	1,733	100	1 965	11,781	27,728	2,354	1,887

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 5,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 872 302,624	18,723	18,256	0	100 000	100 000,000	1 883 340,532	18,833	18,366
1	99 661	94 465,784	1 772 302,624	18,761	18,294	1	99 711	94 512,619	1 783 340,532	18,869	18,402
2	99 637	89 519,388	1 677 836,840	18,743	18,276	2	99 689	89 565,496	1 688 827,913	18,856	18,389
3	99 624	84 841,213	1 588 317,452	18,721	18,254	3	99 676	84 885,049	1 599 262,417	18,840	18,373
4	99 612	80 408,679	1 503 476,239	18,698	18,231	4	99 666	80 451,740	1 514 377,368	18,823	18,356
5	99 601	76 208,061	1 423 067,560	18,673	18,206	5	99 656	76 250,554	1 433 925,628	18,805	18,338
6	99 592	72 228,564	1 346 859,499	18,647	18,180	6	99 650	72 270,496	1 357 675,074	18,786	18,319
7	99 583	68 456,929	1 274 630,935	18,619	18,152	7	99 642	68 497,838	1 285 404,578	18,766	18,298
8	99 573	64 881,778	1 206 174,006	18,590	18,123	8	99 638	64 923,768	1 216 906,740	18,744	18,276
9	99 566	61 494,632	1 141 292,228	18,559	18,092	9	99 630	61 534,682	1 151 982,972	18,721	18,254
10	99 558	58 284,072	1 079 797,596	18,526	18,059	10	99 625	58 323,612	1 090 448,291	18,697	18,229
11	99 550	55 241,452	1 021 513,523	18,492	18,025	11	99 620	55 279,972	1 032 124,678	18,671	18,204
12	99 543	52 357,947	966 272,071	18,455	17,988	12	99 612	52 394,048	976 844,706	18,644	18,177
13	99 535	49 623,993	913 914,124	18,417	17,950	13	99 606	49 659,466	924 450,659	18,616	18,149
14	99 525	47 032,589	864 290,131	18,376	17,909	14	99 598	47 066,863	874 791,193	18,586	18,119
15	99 513	44 575,145	817 257,543	18,334	17,867	15	99 589	44 609,025	827 724,329	18,555	18,088
16	99 497	42 244,756	772 682,397	18,291	17,823	16	99 577	42 278,541	783 115,304	18,523	18,056
17	99 475	40 033,266	730 437,641	18,246	17,779	17	99 564	40 069,323	740 836,763	18,489	18,022
18	99 448	37 936,106	690 404,375	18,199	17,732	18	99 551	37 975,477	700 767,440	18,453	17,986
19	99 410	35 944,514	652 468,269	18,152	17,685	19	99 535	35 989,870	662 791,963	18,416	17,949
20	99 370	34 056,881	616 523,755	18,103	17,636	20	99 519	34 108,014	626 802,093	18,377	17,910
21	99 329	32 268,083	582 466,874	18,051	17,584	21	99 503	32 324,579	592 694,080	18,336	17,869
22	99 289	30 573,490	550 198,791	17,996	17,529	22	99 486	30 634,209	560 369,501	18,292	17,825
23	99 247	28 967,463	519 625,300	17,938	17,471	23	99 469	29 032,293	529 735,292	18,246	17,779
24	99 205	27 445,773	490 657,838	17,877	17,410	24	99 453	27 514,260	500 702,999	18,198	17,731
25	99 160	26 003,034	463 212,064	17,814	17,347	25	99 436	26 075,583	473 188,739	18,147	17,680
26	99 116	24 636,540	437 209,030	17,746	17,279	26	99 417	24 711,387	447 113,156	18,093	17,626
27	99 072	23 341,880	412 572,491	17,675	17,208	27	99 399	23 418,941	422 401,769	18,037	17,570
28	99 028	22 115,054	389 230,611	17,600	17,133	28	99 379	22 193,393	398 982,827	17,978	17,510
29	98 982	20 952,441	367 115,557	17,521	17,054	29	99 355	21 031,385	376 789,435	17,916	17,448
30	98 933	19 850,336	346 163,116	17,439	16,971	30	99 330	19 930,042	355 758,050	17,850	17,383
31	98 881	18 805,548	326 312,780	17,352	16,885	31	99 302	18 885,693	335 828,008	17,782	17,315
32	98 824	17 814,939	307 507,232	17,261	16,794	32	99 270	17 895,367	316 942,314	17,711	17,244
33	98 764	16 875,882	289 692,294	17,166	16,699	33	99 237	16 956,735	299 046,948	17,636	17,169
34	98 695	15 984,882	272 816,412	17,067	16,600	34	99 202	16 067,106	282 090,212	17,557	17,090
35	98 625	15 140,899	256 831,530	16,963	16,496	35	99 164	15 223,670	266 023,106	17,474	17,007
36	98 551	14 340,728	241 690,631	16,853	16,386	36	99 118	14 423,281	250 799,437	17,389	16,921
37	98 464	13 581,103	227 349,904	16,740	16,273	37	99 071	13 664,837	236 376,156	17,298	16,831
38	98 365	12 860,241	213 768,801	16,622	16,155	38	99 021	12 945,912	222 711,319	17,203	16,736
39	98 266	12 177,417	200 908,560	16,498	16,031	39	98 966	12 264,207	209 765,408	17,104	16,637
40	98 152	11 529,248	188 731,143	16,370	15,903	40	98 901	11 617,277	197 501,200	17,001	16,533
41	98 031	10 914,673	177 201,895	16,235	15,768	41	98 839	11 004,665	185 883,923	16,891	16,424
42	97 888	10 330,652	166 287,222	16,096	15,629	42	98 766	10 423,317	174 879,258	16,778	16,311
43	97 750	9 778,235	155 956,570	15,949	15,482	43	98 687	9 871,950	164 455,941	16,659	16,192
44	97 594	9 253,689	146 178,335	15,797	15,330	44	98 598	9 348,917	154 583,991	16,535	16,068
45	97 425	8 756,062	136 924,645	15,638	15,171	45	98 505	8 853,151	145 235,074	16,405	15,938
46	97 242	8 283,987	128 168,584	15,472	15,005	46	98 399	8 382,586	136 381,923	16,270	15,802
47	97 041	7 835,923	119 884,597	15,299	14,832	47	98 283	7 936,170	127 999,337	16,129	15,661
48	96 815	7 410,098	112 048,674	15,121	14,654	48	98 155	7 512,662	120 063,167	15,981	15,514
49	96 561	7 005,356	104 638,576	14,937	14,470	49	98 006	7 110,203	112 550,506	15,829	15,362

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 5,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	6 620,647	97 633,220	14,747	14,280	50	97 841	6 728,179	105 440,303	15,671	15,204
51	95 968	6 255,330	91 012,573	14,550	14,082	51	97 661	6 365,662	98 712,124	15,507	15,040
52	95 624	5 908,008	84 757,243	14,346	13,879	52	97 458	6 021,273	92 346,462	15,337	14,870
53	95 242	5 577,630	78 849,235	14,137	13,670	53	97 243	5 694,786	86 325,189	15,159	14,691
54	94 812	5 262,989	73 271,605	13,922	13,455	54	97 002	5 384,523	80 630,403	14,974	14,507
55	94 338	4 963,630	68 008,616	13,701	13,234	55	96 735	5 089,756	75 245,880	14,784	14,317
56	93 801	4 678,107	63 044,986	13,477	13,009	56	96 434	4 809,398	70 156,124	14,587	14,120
57	93 207	4 406,139	58 366,879	13,247	12,780	57	96 108	4 543,255	65 346,726	14,383	13,916
58	92 548	4 146,910	53 960,740	13,012	12,545	58	95 747	4 290,227	60 803,471	14,173	13,705
59	91 833	3 900,360	49 813,830	12,772	12,304	59	95 347	4 049,594	56 513,244	13,955	13,488
60	91 035	3 664,898	45 913,470	12,528	12,061	60	94 905	3 820,688	52 463,651	13,731	13,264
61	90 165	3 440,647	42 248,572	12,279	11,812	61	94 418	3 602,939	48 642,963	13,501	13,034
62	89 210	3 226,730	38 807,925	12,027	11,560	62	93 891	3 396,030	45 040,024	13,263	12,795
63	88 162	3 022,564	35 581,195	11,772	11,305	63	93 316	3 199,280	41 643,994	13,017	12,549
64	87 020	2 827,875	32 558,631	11,513	11,046	64	92 685	3 011,992	38 444,714	12,764	12,297
65	85 790	2 642,567	29 730,756	11,251	10,784	65	91 999	2 833,817	35 432,722	12,504	12,036
66	84 473	2 466,349	27 088,190	10,983	10,516	66	91 261	2 664,557	32 598,905	12,234	11,767
67	83 054	2 298,498	24 621,841	10,712	10,245	67	90 462	2 503,528	29 934,347	11,957	11,490
68	81 552	2 139,280	22 323,343	10,435	9,968	68	89 616	2 350,805	27 430,820	11,669	11,202
69	79 951	1 987,932	20 184,063	10,153	9,686	69	88 701	2 205,515	25 080,014	11,372	10,904
70	78 265	1 844,569	18 196,131	9,865	9,398	70	87 677	2 066,397	22 874,500	11,070	10,603
71	76 503	1 709,049	16 351,562	9,568	9,100	71	86 577	1 934,086	20 808,103	10,759	10,291
72	74 595	1 579,553	14 642,513	9,270	8,803	72	85 381	1 807,931	18 874,017	10,440	9,972
73	72 635	1 457,855	13 062,960	8,960	8,493	73	84 104	1 688,063	17 066,086	10,110	9,643
74	70 541	1 342,014	11 605,104	8,648	8,180	74	82 697	1 573,281	15 378,023	9,774	9,307
75	68 341	1 232,384	10 263,090	8,328	7,861	75	81 192	1 464,132	13 804,742	9,429	8,961
76	66 001	1 128,141	9 030,706	8,005	7,538	76	79 559	1 359,880	12 340,610	9,075	8,608
77	63 529	1 029,285	7 902,565	7,678	7,211	77	77 797	1 260,437	10 980,730	8,712	8,245
78	60 972	936,345	6 873,280	7,341	6,873	78	75 934	1 166,127	9 720,293	8,336	7,868
79	58 245	847,840	5 936,935	7,002	6,535	79	73 868	1 075,260	8 554,166	7,955	7,488
80	55 363	763,881	5 089,096	6,662	6,195	80	71 592	987,804	7 478,906	7,571	7,104
81	52 275	683,666	4 325,214	6,327	5,859	81	69 068	903,291	6 491,102	7,186	6,719
82	49 023	607,717	3 641,548	5,992	5,525	82	66 277	821,597	5 587,811	6,801	6,334
83	45 621	536,058	3 033,831	5,660	5,192	83	63 161	742,161	4 766,214	6,422	5,955
84	42 017	467,971	2 497,774	5,337	4,870	84	59 675	664,642	4 024,053	6,054	5,587
85	38 253	403,840	2 029,802	5,026	4,559	85	55 869	589,806	3 359,411	5,696	5,229
86	34 355	343,777	1 625,963	4,730	4,263	86	51 751	517,859	2 769,605	5,348	4,881
87	30 415	288,488	1 282,186	4,444	3,977	87	47 338	449,001	2 251,746	5,015	4,548
88	26 491	238,165	993,698	4,172	3,705	88	42 647	383,420	1 802,745	4,702	4,235
89	22 604	192,624	755,533	3,922	3,455	89	37 815	322,253	1 419,325	4,404	3,937
90	18 870	152,422	562,909	3,693	3,226	90	32 944	266,109	1 097,072	4,123	3,655
91	15 409	117,981	410,487	3,479	3,012	91	28 098	215,128	830,964	3,863	3,395
92	12 317	89,388	292,506	3,272	2,805	92	23 435	170,078	615,836	3,621	3,154
93	9 559	65,754	203,118	3,089	2,622	93	19 031	130,912	445,759	3,405	2,938
94	7 217	47,059	137,364	2,919	2,452	94	15 045	98,096	314,847	3,210	2,742
95	5 269	32,567	90,305	2,773	2,306	95	11 593	71,647	216,751	3,025	2,558
96	3 736	21,889	57,738	2,638	2,171	96	8 645	50,645	145,104	2,865	2,398
97	2 561	14,221	35,849	2,521	2,054	97	6 230	34,596	94,459	2,730	2,263
98	1 708	8,992	21,628	2,405	1,938	98	4 394	23,127	59,863	2,588	2,121
99	1 107	5,523	12,636	2,288	1,821	99	2 992	14,928	36,735	2,461	1,994
100	686	3,242	7,114	2,194	1,727	100	1 965	9,293	21,807	2,347	1,879

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 5,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 800 310,099	18,003	17,536	0	100 000	100 000,000	1 809 901,423	18,099	17,631
1	99 661	94 242,461	1 700 310,099	18,042	17,574	1	99 711	94 289,185	1 709 901,423	18,135	17,667
2	99 637	89 096,629	1 606 067,638	18,026	17,559	2	99 689	89 142,519	1 615 612,238	18,124	17,656
3	99 624	84 240,924	1 516 971,009	18,008	17,540	3	99 676	84 284,449	1 526 469,719	18,111	17,643
4	99 612	79 651,005	1 432 730,085	17,988	17,520	4	99 666	79 693,661	1 442 185,270	18,097	17,629
5	99 601	75 311,505	1 353 079,080	17,966	17,499	5	99 656	75 353,498	1 362 491,609	18,081	17,614
6	99 592	71 210,081	1 277 767,575	17,944	17,476	6	99 650	71 251,422	1 287 138,111	18,065	17,597
7	99 583	67 332,075	1 206 557,494	17,920	17,452	7	99 642	67 372,312	1 215 886,689	18,047	17,580
8	99 573	63 664,805	1 139 225,419	17,894	17,427	8	99 638	63 706,007	1 148 514,377	18,028	17,561
9	99 566	60 198,540	1 075 560,614	17,867	17,399	9	99 630	60 237,746	1 084 808,370	18,009	17,541
10	99 558	56 920,764	1 015 362,073	17,838	17,371	10	99 625	56 959,380	1 024 570,624	17,988	17,520
11	99 550	53 821,774	958 441,309	17,808	17,340	11	99 620	53 859,303	967 611,244	17,966	17,498
12	99 543	50 891,777	904 619,535	17,775	17,308	12	99 612	50 926,866	913 751,941	17,942	17,475
13	99 535	48 120,351	853 727,758	17,742	17,274	13	99 606	48 154,750	862 825,074	17,918	17,450
14	99 525	45 499,650	805 607,407	17,706	17,238	14	99 598	45 532,807	814 670,325	17,892	17,424
15	99 513	43 020,358	760 107,757	17,669	17,201	15	99 589	43 053,056	769 137,517	17,865	17,397
16	99 497	40 674,867	717 087,399	17,630	17,162	16	99 577	40 707,397	726 084,461	17,837	17,369
17	99 475	38 454,436	676 412,532	17,590	17,122	17	99 564	38 489,071	685 377,065	17,807	17,339
18	99 448	36 353,837	637 958,096	17,549	17,081	18	99 551	36 391,566	646 887,994	17,776	17,308
19	99 410	34 363,881	601 604,259	17,507	17,039	19	99 535	34 407,242	610 496,428	17,743	17,276
20	99 370	32 482,283	567 240,378	17,463	16,995	20	99 519	32 531,051	576 089,186	17,709	17,241
21	99 329	30 703,432	534 758,095	17,417	16,949	21	99 503	30 757,188	543 558,134	17,673	17,205
22	99 289	29 022,235	504 054,663	17,368	16,900	22	99 486	29 079,873	512 800,946	17,634	17,167
23	99 247	27 432,689	475 032,427	17,316	16,849	23	99 469	27 494,084	483 721,073	17,594	17,126
24	99 205	25 930,177	447 599,738	17,262	16,794	24	99 453	25 994,882	456 226,989	17,551	17,083
25	99 160	24 509,030	421 669,562	17,205	16,737	25	99 436	24 577,410	430 232,107	17,505	17,038
26	99 116	23 166,151	397 160,532	17,144	16,676	26	99 417	23 236,532	405 654,697	17,458	16,990
27	99 072	21 896,872	373 994,381	17,080	16,612	27	99 399	21 969,163	382 418,165	17,407	16,939
28	99 028	20 696,950	352 097,509	17,012	16,544	28	99 379	20 770,265	360 449,002	17,354	16,887
29	98 982	19 562,531	331 400,559	16,941	16,473	29	99 355	19 636,238	339 678,737	17,299	16,831
30	98 933	18 489,721	311 838,028	16,865	16,398	30	99 330	18 563,965	320 042,499	17,240	16,772
31	98 881	17 475,137	293 348,307	16,787	16,319	31	99 302	17 549,612	301 478,535	17,179	16,711
32	98 824	16 515,473	275 873,170	16,704	16,236	32	99 270	16 590,034	283 928,922	17,114	16,647
33	98 764	15 607,927	259 357,698	16,617	16,149	33	99 237	15 682,706	267 338,888	17,047	16,579
34	98 695	14 748,922	243 749,770	16,527	16,059	34	99 202	14 824,788	251 656,182	16,975	16,508
35	98 625	13 937,170	229 000,849	16,431	15,963	35	99 164	14 013,360	236 831,394	16,900	16,433
36	98 551	13 169,406	215 063,679	16,331	15,863	36	99 118	13 245,217	222 818,034	16,823	16,355
37	98 464	12 442,342	201 894,273	16,226	15,759	37	99 071	12 519,055	209 572,818	16,740	16,273
38	98 365	11 754,071	189 451,931	16,118	15,650	38	99 021	11 832,372	197 053,763	16,654	16,186
39	98 266	11 103,667	177 697,860	16,004	15,536	39	98 966	11 182,805	185 221,391	16,563	16,095
40	98 152	10 487,798	166 594,193	15,885	15,417	40	98 901	10 567,876	174 038,586	16,469	16,001
41	98 031	9 905,266	156 106,395	15,760	15,292	41	98 839	9 986,936	163 470,710	16,368	15,901
42	97 888	9 353,093	146 201,129	15,631	15,164	42	98 766	9 436,989	153 483,774	16,264	15,796
43	97 750	8 832,021	136 848,036	15,495	15,027	43	98 687	8 916,667	144 046,785	16,155	15,687
44	97 594	8 338,474	128 016,016	15,352	14,885	44	98 598	8 424,284	135 130,119	16,041	15,573
45	97 425	7 871,411	119 677,541	15,204	14,737	45	98 505	7 958,691	126 705,835	15,920	15,453
46	97 242	7 429,426	111 806,131	15,049	14,582	46	98 399	7 517,853	118 747,144	15,795	15,328
47	97 041	7 010,970	104 376,705	14,888	14,420	47	98 283	7 100,663	111 229,290	15,665	15,197
48	96 815	6 614,301	97 365,735	14,720	14,253	48	98 155	6 705,850	104 128,628	15,528	15,060
49	96 561	6 238,243	90 751,434	14,548	14,080	49	98 006	6 331,609	97 422,778	15,387	14,919

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 5,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	5 881,724	84 513,191	14,369	13,901	50	97 841	5 977,254	91 091,169	15,240	14,772
51	95 968	5 544,041	78 631,467	14,183	13,715	51	97 661	5 641,828	85 113,915	15,086	14,619
52	95 624	5 223,835	73 087,426	13,991	13,524	52	97 458	5 323,983	79 472,087	14,927	14,460
53	95 242	4 920,057	67 863,591	13,793	13,326	53	97 243	5 023,401	74 148,104	14,761	14,293
54	94 812	4 631,535	62 943,534	13,590	13,123	54	97 002	4 738,487	69 124,703	14,588	14,120
55	94 338	4 357,767	58 311,999	13,381	12,914	55	96 735	4 468,498	64 386,215	14,409	13,941
56	93 801	4 097,386	53 954,232	13,168	12,700	56	96 434	4 212,378	59 917,717	14,224	13,757
57	93 207	3 850,056	49 856,846	12,950	12,482	57	96 108	3 969,866	55 705,339	14,032	13,564
58	92 548	3 614,976	46 006,791	12,727	12,259	58	95 747	3 739,910	51 735,473	13,833	13,366
59	91 833	3 392,014	42 391,814	12,498	12,030	59	95 347	3 521,798	47 995,563	13,628	13,161
60	91 035	3 179,705	38 999,801	12,265	11,798	60	94 905	3 314,871	44 473,766	13,416	12,949
61	90 165	2 978,086	35 820,095	12,028	11,560	61	94 418	3 118,559	41 158,895	13,198	12,730
62	89 210	2 786,325	32 842,010	11,787	11,319	62	93 891	2 932,518	38 040,336	12,972	12,504
63	88 162	2 603,855	30 055,684	11,543	11,075	63	93 316	2 756,090	35 107,818	12,738	12,271
64	87 020	2 430,376	27 451,829	11,295	10,828	64	92 685	2 588,614	32 351,727	12,498	12,030
65	85 790	2 265,747	25 021,453	11,043	10,576	65	91 999	2 429,726	29 763,114	12,250	11,782
66	84 473	2 109,658	22 755,706	10,786	10,319	66	91 261	2 279,201	27 333,388	11,993	11,525
67	83 054	1 961,434	20 646,048	10,526	10,058	67	90 462	2 136,397	25 054,187	11,727	11,260
68	81 552	1 821,249	18 684,614	10,259	9,792	68	89 616	2 001,328	22 917,790	11,451	10,984
69	79 951	1 688,400	16 863,365	9,988	9,520	69	88 701	1 873,198	20 916,462	11,166	10,699
70	78 265	1 562,935	15 174,965	9,709	9,242	70	87 677	1 750,893	19 043,263	10,876	10,409
71	76 503	1 444,682	13 612,031	9,422	8,955	71	86 577	1 634,909	17 292,370	10,577	10,109
72	74 595	1 332,062	12 167,348	9,134	8,667	72	85 381	1 524,656	15 657,461	10,270	9,802
73	72 635	1 226,525	10 835,287	8,834	8,367	73	84 104	1 420,204	14 132,805	9,951	9,484
74	70 541	1 126,397	9 608,762	8,531	8,063	74	82 697	1 320,506	12 712,601	9,627	9,159
75	68 341	1 031,935	8 482,365	8,220	7,752	75	81 192	1 225,989	11 392,095	9,292	8,825
76	66 001	942,414	7 450,430	7,906	7,438	76	79 559	1 136,002	10 166,106	8,949	8,481
77	63 529	857,800	6 508,016	7,587	7,119	77	77 797	1 050,441	9 030,104	8,596	8,129
78	60 972	778,499	5 650,216	7,258	6,790	78	75 934	969,546	7 979,664	8,230	7,763
79	58 245	703,248	4 871,717	6,927	6,460	79	73 868	891,884	7 010,118	7,860	7,392
80	55 363	632,110	4 168,469	6,595	6,127	80	71 592	817,405	6 118,234	7,485	7,017
81	52 275	564,395	3 536,359	6,266	5,798	81	69 068	745,704	5 300,829	7,108	6,641
82	49 023	500,509	2 971,964	5,938	5,470	82	66 277	676,659	4 555,125	6,732	6,264
83	45 621	440,448	2 471,455	5,611	5,144	83	63 161	609,791	3 878,466	6,360	5,893
84	42 017	383,596	2 031,007	5,295	4,827	84	59 675	544,807	3 268,675	6,000	5,532
85	38 253	330,245	1 647,411	4,988	4,521	85	55 869	482,321	2 723,868	5,647	5,180
86	34 355	280,463	1 317,166	4,696	4,229	86	51 751	422,484	2 241,547	5,306	4,838
87	30 415	234,801	1 036,703	4,415	3,948	87	47 338	365,442	1 819,063	4,978	4,510
88	26 491	193,384	801,902	4,147	3,679	88	42 647	311,328	1 453,620	4,669	4,202
89	22 604	156,037	608,518	3,900	3,432	89	37 815	261,043	1 142,292	4,376	3,908
90	18 870	123,178	452,482	3,673	3,206	90	32 944	215,054	881,249	4,098	3,630
91	15 409	95,120	329,303	3,462	2,994	91	28 098	173,443	666,196	3,841	3,373
92	12 317	71,897	234,183	3,257	2,790	92	23 435	136,798	492,753	3,602	3,134
93	9 559	52,762	162,287	3,076	2,608	93	19 031	105,047	355,956	3,389	2,921
94	7 217	37,672	109,524	2,907	2,440	94	15 045	78,529	250,909	3,195	2,728
95	5 269	26,009	71,852	2,763	2,295	95	11 593	57,220	172,380	3,013	2,545
96	3 736	17,440	45,843	2,629	2,161	96	8 645	40,351	115,161	2,854	2,386
97	2 561	11,304	28,403	2,513	2,045	97	6 230	27,499	74,810	2,720	2,253
98	1 708	7,130	17,099	2,398	1,930	98	4 394	18,340	47,310	2,580	2,112
99	1 107	4,369	9,969	2,282	1,814	99	2 992	11,810	28,971	2,453	1,986
100	686	2,559	5,600	2,189	1,721	100	1 965	7,334	17,161	2,340	1,872

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 6,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 733 574,751	17,336	16,868	0	100 000	100 000,000	1 741 937,448	17,419	16,951
1	99 661	94 020,191	1 633 574,751	17,375	16,907	1	99 711	94 066,805	1 641 937,448	17,455	16,987
2	99 637	88 676,857	1 539 554,560	17,361	16,893	2	99 689	88 722,531	1 547 870,643	17,446	16,978
3	99 624	83 646,284	1 450 877,703	17,345	16,877	3	99 676	83 689,502	1 459 148,112	17,435	16,967
4	99 612	78 902,235	1 367 231,418	17,328	16,860	4	99 666	78 944,489	1 375 458,609	17,423	16,955
5	99 601	74 427,577	1 288 329,184	17,310	16,842	5	99 656	74 469,078	1 296 514,120	17,410	16,942
6	99 592	70 208,314	1 213 901,607	17,290	16,822	6	99 650	70 249,074	1 222 045,043	17,396	16,928
7	99 583	66 228,295	1 143 693,292	17,269	16,801	7	99 642	66 267,872	1 151 795,969	17,381	16,913
8	99 573	62 473,452	1 077 464,997	17,247	16,779	8	99 638	62 513,883	1 085 528,097	17,365	16,897
9	99 566	58 932,730	1 014 991,546	17,223	16,755	9	99 630	58 971,111	1 023 014,214	17,348	16,880
10	99 558	55 592,452	956 058,816	17,198	16,730	10	99 625	55 630,166	964 043,104	17,330	16,862
11	99 550	52 441,804	900 466,364	17,171	16,703	11	99 620	52 478,371	908 412,937	17,310	16,842
12	99 543	49 469,981	848 024,559	17,142	16,674	12	99 612	49 504,090	855 934,566	17,290	16,822
13	99 535	46 665,662	798 554,578	17,112	16,644	13	99 606	46 699,020	806 430,476	17,269	16,801
14	99 525	44 020,118	751 888,917	17,081	16,613	14	99 598	44 052,198	759 731,455	17,246	16,778
15	99 513	41 523,283	707 868,798	17,048	16,580	15	99 589	41 554,843	715 679,257	17,223	16,755
16	99 497	39 166,820	666 345,515	17,013	16,545	16	99 577	39 198,144	674 124,414	17,198	16,730
17	99 475	36 941,381	627 178,695	16,978	16,510	17	99 564	36 974,653	634 926,271	17,172	16,704
18	99 448	34 841,067	590 237,314	16,941	16,473	18	99 551	34 877,226	597 951,617	17,144	16,677
19	99 410	32 856,244	555 396,247	16,904	16,436	19	99 535	32 897,703	563 074,391	17,116	16,648
20	99 370	30 983,948	522 540,003	16,865	16,397	20	99 519	31 030,467	530 176,689	17,086	16,618
21	99 329	29 218,079	491 556,055	16,824	16,356	21	99 503	29 269,234	499 146,222	17,054	16,586
22	99 289	27 553,077	462 337,976	16,780	16,312	22	99 486	27 607,796	469 876,988	17,020	16,552
23	99 247	25 982,571	434 784,900	16,734	16,266	23	99 469	26 040,721	442 269,191	16,984	16,516
24	99 205	24 501,560	408 802,328	16,685	16,217	24	99 453	24 562,700	416 228,470	16,946	16,478
25	99 160	23 104,091	384 300,769	16,633	16,165	25	99 436	23 168,552	391 665,770	16,905	16,437
26	99 116	21 786,685	361 196,678	16,579	16,111	26	99 417	21 852,875	368 497,218	16,863	16,395
27	99 072	20 544,420	339 409,992	16,521	16,053	27	99 399	20 612,245	346 644,343	16,817	16,349
28	99 028	19 372,811	318 865,573	16,459	15,991	28	99 379	19 441,436	326 032,098	16,770	16,302
29	98 982	18 267,784	299 492,762	16,395	15,927	29	99 355	18 336,612	306 590,662	16,720	16,252
30	98 933	17 225,256	281 224,978	16,326	15,858	30	99 330	17 294,422	288 254,049	16,667	16,199
31	98 881	16 241,660	263 999,722	16,254	15,787	31	99 302	16 310,879	270 959,627	16,612	16,144
32	98 824	15 313,531	247 758,062	16,179	15,711	32	99 270	15 382,667	254 648,749	16,554	16,086
33	98 764	14 437,902	232 444,530	16,100	15,632	33	99 237	14 507,075	239 266,082	16,493	16,025
34	98 695	13 611,113	218 006,628	16,017	15,549	34	99 202	13 681,127	224 759,007	16,428	15,960
35	98 625	12 831,649	204 395,515	15,929	15,461	35	99 164	12 901,795	211 077,880	16,360	15,892
36	98 551	12 096,190	191 563,867	15,837	15,369	36	99 118	12 165,822	198 176,085	16,290	15,822
37	98 464	11 401,422	179 467,677	15,741	15,273	37	99 071	11 471,717	186 010,263	16,215	15,747
38	98 365	10 745,329	168 066,255	15,641	15,173	38	99 021	10 816,910	174 538,546	16,136	15,668
39	98 266	10 126,803	157 320,926	15,535	15,067	39	98 966	10 198,978	163 721,635	16,053	15,585
40	98 152	9 542,557	147 194,124	15,425	14,957	40	98 901	9 615,417	153 522,657	15,966	15,498
41	98 031	8 991,271	137 651,567	15,309	14,842	41	98 839	9 065,405	143 907,240	15,874	15,406
42	97 888	8 470,025	128 660,296	15,190	14,722	42	98 766	8 546,000	134 841,835	15,778	15,310
43	97 750	7 979,286	120 190,271	15,063	14,595	43	98 687	8 055,760	126 295,835	15,678	15,210
44	97 594	7 515,624	112 210,985	14,930	14,462	44	98 598	7 592,966	118 240,075	15,572	15,104
45	97 425	7 077,918	104 695,360	14,792	14,324	45	98 505	7 156,400	110 647,109	15,461	14,993
46	97 242	6 664,733	97 617,442	14,647	14,179	46	98 399	6 744,059	103 490,709	15,345	14,877
47	97 041	6 274,514	90 952,709	14,496	14,028	47	98 283	6 354,785	96 746,650	15,224	14,756
48	96 815	5 905,552	84 678,195	14,339	13,871	48	98 155	5 987,291	90 391,865	15,097	14,629
49	96 561	5 556,654	78 772,643	14,176	13,708	49	98 006	5 639,818	84 404,574	14,966	14,498

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 6,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	5 226,731	73 215,989	14,008	13,540	50	97 841	5 311,623	78 764,755	14,829	14,361
51	95 968	4 915,034	67 989,258	13,833	13,365	51	97 661	5 001,726	73 453,132	14,686	14,218
52	95 624	4 620,234	63 074,224	13,652	13,184	52	97 458	4 708,811	68 451,407	14,537	14,069
53	95 242	4 341,294	58 453,990	13,465	12,997	53	97 243	4 432,482	63 742,596	14,381	13,913
54	94 812	4 077,073	54 112,696	13,272	12,804	54	97 002	4 171,222	59 310,114	14,219	13,751
55	94 338	3 827,032	50 035,623	13,074	12,606	55	96 735	3 924,277	55 138,892	14,051	13,583
56	93 801	3 589,876	46 208,591	12,872	12,404	56	96 434	3 690,625	51 214,616	13,877	13,409
57	93 207	3 365,225	42 618,715	12,664	12,196	57	96 108	3 469,948	47 523,990	13,696	13,228
58	92 548	3 152,297	39 253,489	12,452	11,984	58	95 747	3 261,240	44 054,042	13,508	13,040
59	91 833	2 950,895	36 101,193	12,234	11,766	59	95 347	3 063,801	40 792,802	13,314	12,846
60	91 035	2 759,672	33 150,298	12,012	11,544	60	94 905	2 876,983	37 729,001	13,114	12,646
61	90 165	2 578,590	30 390,626	11,786	11,318	61	94 418	2 700,220	34 852,019	12,907	12,439
62	89 210	2 406,864	27 812,035	11,555	11,087	62	93 891	2 533,147	32 151,799	12,692	12,224
63	88 162	2 243,939	25 405,172	11,322	10,854	63	93 316	2 375,131	29 618,652	12,470	12,002
64	87 020	2 089,499	23 161,233	11,085	10,617	64	92 685	2 225,543	27 243,520	12,241	11,773
65	85 790	1 943,366	21 071,734	10,843	10,375	65	91 999	2 084,013	25 017,978	12,005	11,537
66	84 473	1 805,218	19 128,368	10,596	10,128	66	91 261	1 950,295	22 933,965	11,759	11,291
67	83 054	1 674,426	17 323,150	10,346	9,878	67	90 462	1 823,787	20 983,670	11,506	11,038
68	81 552	1 551,087	15 648,724	10,089	9,621	68	89 616	1 704,453	19 159,882	11,241	10,773
69	79 951	1 434,553	14 097,637	9,827	9,359	69	88 701	1 591,567	17 455,429	10,967	10,499
70	78 265	1 324,819	12 663,084	9,558	9,090	70	87 677	1 484,142	15 863,862	10,689	10,221
71	76 503	1 221,695	11 338,265	9,281	8,813	71	86 577	1 382,560	14 379,720	10,401	9,933
72	74 595	1 123,800	10 116,571	9,002	8,534	72	85 381	1 286,283	12 997,160	10,104	9,636
73	72 635	1 032,323	8 992,770	8,711	8,243	73	84 104	1 195,336	11 710,877	9,797	9,329
74	70 541	945,813	7 960,447	8,417	7,949	74	82 697	1 108,803	10 515,541	9,484	9,016
75	68 341	864,452	7 014,634	8,115	7,647	75	81 192	1 027,010	9 406,738	9,159	8,691
76	66 001	787,598	6 150,183	7,809	7,341	76	79 559	949,384	8 379,728	8,826	8,359
77	63 529	715,193	5 362,585	7,498	7,030	77	77 797	875,808	7 430,344	8,484	8,016
78	60 972	647,545	4 647,392	7,177	6,709	78	75 934	806,455	6 554,536	8,128	7,660
79	58 245	583,572	3 999,846	6,854	6,386	79	73 868	740,107	5 748,081	7,767	7,299
80	55 363	523,303	3 416,274	6,528	6,060	80	71 592	676,703	5 007,974	7,401	6,933
81	52 275	466,142	2 892,971	6,206	5,738	81	69 068	615,888	4 331,271	7,033	6,565
82	49 023	412,403	2 426,829	5,885	5,417	82	66 277	557,544	3 715,382	6,664	6,196
83	45 621	362,059	2 014,426	5,564	5,096	83	63 161	501,263	3 157,838	6,300	5,832
84	42 017	314,581	1 652,367	5,253	4,785	84	59 675	446,788	2 656,575	5,946	5,478
85	38 253	270,190	1 337,785	4,951	4,483	85	55 869	394,611	2 209,787	5,600	5,132
86	34 355	228,920	1 067,595	4,664	4,196	86	51 751	344,841	1 815,176	5,264	4,796
87	30 415	191,197	838,676	4,386	3,918	87	47 338	297,578	1 470,335	4,941	4,473
88	26 491	157,101	647,478	4,121	3,653	88	42 647	252,915	1 172,757	4,637	4,169
89	22 604	126,461	490,377	3,878	3,410	89	37 815	211,565	919,842	4,348	3,880
90	18 870	99,596	363,916	3,654	3,186	90	32 944	173,881	708,277	4,073	3,605
91	15 409	76,728	264,320	3,445	2,977	91	28 098	139,906	534,396	3,820	3,352
92	12 317	57,858	187,593	3,242	2,774	92	23 435	110,086	394,490	3,583	3,115
93	9 559	42,360	129,735	3,063	2,595	93	19 031	84,336	284,403	3,372	2,904
94	7 217	30,174	87,375	2,896	2,428	94	15 045	62,897	200,067	3,181	2,713
95	5 269	20,783	57,201	2,752	2,284	95	11 593	45,722	137,170	3,000	2,532
96	3 736	13,903	36,419	2,620	2,152	96	8 645	32,167	91,448	2,843	2,375
97	2 561	8,990	22,516	2,505	2,037	97	6 230	21,870	59,282	2,711	2,243
98	1 708	5,657	13,526	2,391	1,923	98	4 394	14,551	37,411	2,571	2,103
99	1 107	3,458	7,869	2,275	1,807	99	2 992	9,348	22,861	2,446	1,978
100	686	2,020	4,410	2,183	1,715	100	1 965	5,792	13,513	2,333	1,865

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 6,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 671 581,857	16,716	16,247	0	100 000	100 000,000	1 678 898,739	16,789	16,321
1	99 661	93 798,967	1 571 581,857	16,755	16,286	1	99 711	93 845,471	1 578 898,739	16,824	16,356
2	99 637	88 260,045	1 477 782,890	16,744	16,275	2	99 689	88 305,504	1 485 053,268	16,817	16,349
3	99 624	83 057,228	1 389 522,845	16,730	16,261	3	99 676	83 100,142	1 396 747,763	16,808	16,340
4	99 612	78 162,242	1 306 465,617	16,715	16,246	4	99 666	78 204,101	1 313 647,621	16,798	16,329
5	99 601	73 556,070	1 228 303,375	16,699	16,231	5	99 656	73 597,084	1 235 443,521	16,787	16,318
6	99 592	69 222,950	1 154 747,305	16,682	16,213	6	99 650	69 263,137	1 161 846,437	16,774	16,306
7	99 583	65 145,146	1 085 524,355	16,663	16,195	7	99 642	65 184,075	1 092 583,299	16,762	16,293
8	99 573	61 307,120	1 020 379,209	16,644	16,175	8	99 638	61 346,796	1 027 399,224	16,747	16,279
9	99 566	57 696,424	959 072,090	16,623	16,154	9	99 630	57 734,000	966 052,428	16,733	16,264
10	99 558	54 298,158	901 375,665	16,600	16,132	10	99 625	54 334,994	908 318,428	16,717	16,249
11	99 550	51 100,343	847 077,507	16,577	16,108	11	99 620	51 135,975	853 983,434	16,700	16,232
12	99 543	48 091,117	795 977,164	16,551	16,083	12	99 612	48 124,275	802 847,459	16,683	16,214
13	99 535	45 258,221	747 886,047	16,525	16,057	13	99 606	45 290,573	754 723,184	16,664	16,196
14	99 525	42 592,014	702 627,827	16,497	16,028	14	99 598	42 623,053	709 432,610	16,644	16,176
15	99 513	40 081,649	660 035,813	16,467	15,999	15	99 589	40 112,114	666 809,558	16,624	16,155
16	99 497	37 718,042	619 954,164	16,437	15,968	16	99 577	37 748,207	626 697,444	16,602	16,134
17	99 475	35 491,216	582 236,122	16,405	15,937	17	99 564	35 523,182	588 949,238	16,579	16,111
18	99 448	33 394,591	546 744,906	16,372	15,904	18	99 551	33 429,248	553 426,055	16,555	16,087
19	99 410	31 418,071	513 350,315	16,339	15,871	19	99 535	31 457,715	519 996,807	16,530	16,062
20	99 370	29 558,017	481 932,244	16,305	15,836	20	99 519	29 602,395	488 539,092	16,503	16,035
21	99 329	27 807,831	452 374,227	16,268	15,800	21	99 503	27 856,517	458 936,697	16,475	16,007
22	99 289	26 161,490	424 566,397	16,229	15,760	22	99 486	26 213,447	431 080,180	16,445	15,977
23	99 247	24 612,257	398 404,906	16,187	15,719	23	99 469	24 667,340	404 866,734	16,413	15,945
24	99 205	23 154,743	373 792,650	16,143	15,675	24	99 453	23 212,523	380 199,394	16,379	15,911
25	99 160	21 782,717	350 637,906	16,097	15,629	25	99 436	21 843,491	356 986,871	16,343	15,875
26	99 116	20 492,326	328 855,189	16,048	15,579	26	99 417	20 554,583	335 143,380	16,305	15,837
27	99 072	19 278,396	308 362,863	15,995	15,527	27	99 399	19 342,042	314 588,797	16,265	15,796
28	99 028	18 136,212	289 084,468	15,940	15,471	28	99 379	18 200,456	295 246,755	16,222	15,754
29	98 982	17 061,481	270 948,255	15,881	15,412	29	99 355	17 125,765	277 046,298	16,177	15,709
30	98 933	16 049,943	253 886,774	15,819	15,350	30	99 330	16 114,389	259 920,534	16,130	15,661
31	98 881	15 097,851	237 836,832	15,753	15,285	31	99 302	15 162,195	243 806,144	16,080	15,612
32	98 824	14 201,591	222 738,981	15,684	15,216	32	99 270	14 265,706	228 643,949	16,028	15,559
33	98 764	13 358,038	208 537,390	15,611	15,143	33	99 237	13 422,037	214 378,243	15,972	15,504
34	98 695	12 563,456	195 179,352	15,535	15,067	34	99 202	12 628,081	200 956,206	15,913	15,445
35	98 625	11 816,120	182 615,895	15,455	14,986	35	99 164	11 880,715	188 328,125	15,852	15,383
36	98 551	11 112,658	170 799,775	15,370	14,901	36	99 118	11 176,628	176 447,410	15,787	15,319
37	98 464	10 449,736	159 687,118	15,281	14,813	37	99 071	10 514,163	165 270,781	15,719	15,251
38	98 365	9 825,234	149 237,382	15,189	14,721	38	99 021	9 890,687	154 756,618	15,647	15,178
39	98 266	9 237,884	139 412,148	15,091	14,623	39	98 966	9 303,723	144 865,931	15,571	15,102
40	98 152	8 684,440	130 174,264	14,989	14,521	40	98 901	8 750,748	135 562,208	15,491	15,023
41	98 031	8 163,475	121 489,824	14,882	14,414	41	98 839	8 230,784	126 811,460	15,407	14,939
42	97 888	7 672,124	113 326,349	14,771	14,303	42	98 766	7 740,942	118 580,676	15,319	14,850
43	97 750	7 210,608	105 654,225	14,653	14,184	43	98 687	7 279,714	110 839,734	15,226	14,757
44	97 594	6 775,632	98 443,617	14,529	14,061	44	98 598	6 845,359	103 560,019	15,129	14,660
45	97 425	6 366,009	91 667,985	14,400	13,931	45	98 505	6 436,597	96 714,660	15,026	14,557
46	97 242	5 980,278	85 301,976	14,264	13,796	46	98 399	6 051,457	90 278,063	14,918	14,450
47	97 041	5 616,887	79 321,698	14,122	13,654	47	98 283	5 688,745	84 226,606	14,806	14,337
48	96 815	5 274,156	73 704,811	13,975	13,506	48	98 155	5 347,156	78 537,861	14,688	14,219
49	96 561	4 950,884	68 430,656	13,822	13,354	49	98 006	5 024,982	73 190,706	14,565	14,097

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 6,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	4 645,971	63 479,772	13,663	13,195	50	97 841	4 721,430	68 165,724	14,438	13,969
51	95 968	4 358,628	58 833,801	13,498	13,030	51	97 661	4 435,505	63 444,293	14,304	13,835
52	95 624	4 087,560	54 475,173	13,327	12,859	52	97 458	4 165,925	59 008,788	14,165	13,696
53	95 242	3 831,743	50 387,613	13,150	12,682	53	97 243	3 912,227	54 842,863	14,018	13,550
54	94 812	3 590,067	46 555,871	12,968	12,500	54	97 002	3 672,970	50 930,636	13,866	13,398
55	94 338	3 361,964	42 965,803	12,780	12,312	55	96 735	3 447,391	47 257,667	13,708	13,240
56	93 801	3 146,207	39 603,839	12,588	12,119	56	96 434	3 234,505	43 810,275	13,545	13,076
57	93 207	2 942,381	36 457,632	12,391	11,922	57	96 108	3 033,946	40 575,770	13,374	12,906
58	92 548	2 749,722	33 515,251	12,189	11,720	58	95 747	2 844,752	37 541,824	13,197	12,729
59	91 833	2 567,985	30 765,529	11,980	11,512	59	95 347	2 666,240	34 697,072	13,013	12,545
60	91 035	2 395,924	28 197,544	11,769	11,301	60	94 905	2 497,772	32 030,832	12,824	12,355
61	90 165	2 233,443	25 801,620	11,552	11,084	61	94 418	2 338,792	29 533,060	12,627	12,159
62	89 210	2 079,797	23 568,177	11,332	10,864	62	93 891	2 188,920	27 194,268	12,424	11,955
63	88 162	1 934,449	21 488,380	11,108	10,640	63	93 316	2 047,548	25 005,348	12,212	11,744
64	87 020	1 797,072	19 553,930	10,881	10,413	64	92 685	1 914,076	22 957,800	11,994	11,526
65	85 790	1 667,458	17 756,858	10,649	10,181	65	91 999	1 788,137	21 043,724	11,769	11,300
66	84 473	1 545,279	16 089,401	10,412	9,944	66	91 261	1 669,465	19 255,587	11,534	11,066
67	83 054	1 429,947	14 544,122	10,171	9,703	67	90 462	1 557,501	17 586,122	11,291	10,823
68	81 552	1 321,500	13 114,175	9,924	9,455	68	89 616	1 452,165	16 028,621	11,038	10,569
69	79 951	1 219,339	11 792,675	9,671	9,203	69	88 701	1 352,798	14 576,456	10,775	10,307
70	78 265	1 123,418	10 573,336	9,412	8,943	70	87 677	1 258,520	13 223,658	10,507	10,039
71	76 503	1 033,533	9 449,918	9,143	8,675	71	86 577	1 169,622	11 965,137	10,230	9,762
72	74 595	948,479	8 416,385	8,874	8,405	72	85 381	1 085,614	10 795,515	9,944	9,476
73	72 635	869,223	7 467,905	8,591	8,123	73	84 104	1 006,481	9 709,901	9,647	9,179
74	70 541	794,507	6 598,682	8,305	7,837	74	82 697	931,423	8 703,420	9,344	8,876
75	68 341	724,453	5 804,175	8,012	7,543	75	81 192	860,685	7 771,998	9,030	8,562
76	66 001	658,493	5 079,722	7,714	7,246	76	79 559	793,758	6 911,312	8,707	8,239
77	63 529	596,550	4 421,229	7,411	6,943	77	77 797	730,520	6 117,554	8,374	7,906
78	60 972	538,853	3 824,680	7,098	6,629	78	75 934	671,089	5 387,034	8,027	7,559
79	58 245	484,476	3 285,827	6,782	6,314	79	73 868	614,429	4 715,944	7,675	7,207
80	55 363	433,419	2 801,351	6,463	5,995	80	71 592	560,470	4 101,515	7,318	6,850
81	52 275	385,167	2 367,932	6,148	5,679	81	69 068	508,901	3 541,045	6,958	6,490
82	49 023	339,962	1 982,765	5,832	5,364	82	66 277	459,608	3 032,145	6,597	6,129
83	45 621	297,758	1 642,803	5,517	5,049	83	63 161	412,240	2 572,537	6,240	5,772
84	42 017	258,104	1 345,045	5,211	4,743	84	59 675	366,575	2 160,296	5,893	5,425
85	38 253	221,161	1 086,941	4,915	4,446	85	55 869	323,004	1 793,721	5,553	5,085
86	34 355	186,939	865,780	4,631	4,163	86	51 751	281,601	1 470,717	5,223	4,754
87	30 415	155,767	678,842	4,358	3,890	87	47 338	242,434	1 189,116	4,905	4,437
88	26 491	127,687	523,075	4,097	3,628	88	42 647	205,563	946,681	4,605	4,137
89	22 604	102,543	395,388	3,856	3,387	89	37 815	171,550	741,119	4,320	3,852
90	18 870	80,568	292,845	3,635	3,166	90	32 944	140,662	569,569	4,049	3,581
91	15 409	61,923	212,277	3,428	2,960	91	28 098	112,911	428,907	3,799	3,330
92	12 317	46,584	150,354	3,228	2,759	92	23 435	88,636	315,996	3,565	3,097
93	9 559	34,026	103,769	3,050	2,581	93	19 031	67,743	227,360	3,356	2,888
94	7 217	24,180	69,743	2,884	2,416	94	15 045	50,404	159,617	3,167	2,698
95	5 269	16,615	45,563	2,742	2,274	95	11 593	36,554	109,213	2,988	2,519
96	3 736	11,089	28,948	2,611	2,142	96	8 645	25,656	72,659	2,832	2,364
97	2 561	7,154	17,859	2,497	2,028	97	6 230	17,402	47,003	2,701	2,233
98	1 708	4,491	10,706	2,384	1,915	98	4 394	11,551	29,601	2,563	2,094
99	1 107	2,739	6,215	2,269	1,801	99	2 992	7,403	18,049	2,438	1,970
100	686	1,596	3,476	2,177	1,709	100	1 965	4,576	10,646	2,326	1,858

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 6,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 613 876,878	16,139	15,670	0	100 000	100 000,000	1 620 301,540	16,203	15,734
1	99 661	93 578,782	1 513 876,878	16,178	15,709	1	99 711	93 625,176	1 520 301,540	16,238	15,769
2	99 637	87 846,165	1 420 298,097	16,168	15,699	2	99 689	87 891,411	1 426 676,363	16,232	15,764
3	99 624	82 473,690	1 332 451,932	16,156	15,687	3	99 676	82 516,302	1 338 784,952	16,224	15,756
4	99 612	77 430,905	1 249 978,242	16,143	15,674	4	99 666	77 472,371	1 256 268,650	16,216	15,747
5	99 601	72 696,779	1 172 547,337	16,129	15,661	5	99 656	72 737,314	1 178 796,279	16,206	15,737
6	99 592	68 253,683	1 099 850,558	16,114	15,645	6	99 650	68 293,307	1 106 058,964	16,196	15,727
7	99 583	64 082,195	1 031 596,875	16,098	15,629	7	99 642	64 120,489	1 037 765,657	16,185	15,716
8	99 573	60 165,227	967 514,680	16,081	15,612	8	99 638	60 204,164	973 645,168	16,172	15,704
9	99 566	56 488,869	907 349,453	16,062	15,594	9	99 630	56 525,658	913 441,003	16,160	15,691
10	99 558	53 036,934	850 860,585	16,043	15,574	10	99 625	53 072,914	856 915,345	16,146	15,677
11	99 550	49 796,229	797 823,651	16,022	15,553	11	99 620	49 830,952	803 842,431	16,131	15,663
12	99 543	46 753,791	748 027,422	15,999	15,531	12	99 612	46 786,028	754 011,480	16,116	15,647
13	99 535	43 896,387	701 273,631	15,976	15,507	13	99 606	43 927,766	707 225,452	16,100	15,631
14	99 525	41 213,435	657 377,243	15,951	15,482	14	99 598	41 243,469	663 297,686	16,082	15,614
15	99 513	38 693,280	616 163,809	15,924	15,456	15	99 589	38 722,689	622 054,217	16,064	15,596
16	99 497	36 326,072	577 470,529	15,897	15,428	16	99 577	36 355,123	583 331,528	16,045	15,577
17	99 475	34 101,188	541 144,457	15,869	15,400	17	99 564	34 131,902	546 976,405	16,025	15,557
18	99 448	32 011,357	507 043,269	15,839	15,371	18	99 551	32 044,579	512 844,503	16,004	15,535
19	99 410	30 046,010	475 031,913	15,810	15,341	19	99 535	30 083,923	480 799,924	15,982	15,513
20	99 370	28 200,831	444 985,903	15,779	15,310	20	99 519	28 243,172	450 716,001	15,958	15,490
21	99 329	26 468,727	416 785,072	15,746	15,278	21	99 503	26 515,069	422 472,830	15,933	15,465
22	99 289	24 843,213	390 316,344	15,711	15,242	22	99 486	24 892,551	395 957,761	15,907	15,438
23	99 247	23 317,181	365 473,131	15,674	15,205	23	99 469	23 369,366	371 065,210	15,878	15,410
24	99 205	21 884,867	342 155,950	15,634	15,166	24	99 453	21 939,478	347 695,844	15,848	15,379
25	99 160	20 539,758	320 271,083	15,593	15,124	25	99 436	20 597,064	325 756,366	15,816	15,347
26	99 116	19 277,640	299 731,325	15,548	15,079	26	99 417	19 336,207	305 159,301	15,782	15,313
27	99 072	18 093,094	280 453,685	15,501	15,032	27	99 399	18 152,826	285 823,095	15,745	15,277
28	99 028	16 981,180	262 360,592	15,450	14,981	28	99 379	17 041,332	267 670,268	15,707	15,238
29	98 982	15 937,395	245 379,412	15,396	14,928	29	99 355	15 997,443	250 628,936	15,667	15,198
30	98 933	14 957,307	229 442,018	15,340	14,871	30	99 330	15 017,366	234 631,493	15,624	15,155
31	98 881	14 037,003	214 484,710	15,280	14,811	31	99 302	14 096,826	219 614,127	15,579	15,110
32	98 824	13 172,724	200 447,707	15,217	14,748	32	99 270	13 232,194	205 517,301	15,532	15,063
33	98 764	12 361,199	187 274,983	15,150	14,681	33	99 237	12 420,422	192 285,106	15,481	15,013
34	98 695	11 598,622	174 913,785	15,081	14,612	34	99 202	11 658,284	179 864,684	15,428	14,959
35	98 625	10 883,071	163 315,163	15,006	14,538	35	99 164	10 942,566	168 206,401	15,372	14,903
36	98 551	10 211,131	152 432,091	14,928	14,459	36	99 118	10 269,912	157 263,835	15,313	14,844
37	98 464	9 579,449	142 220,960	14,846	14,378	37	99 071	9 638,511	146 993,923	15,251	14,782
38	98 365	8 985,815	132 641,511	14,761	14,292	38	99 021	9 045,676	137 355,411	15,185	14,716
39	98 266	8 428,813	123 655,695	14,671	14,202	39	98 966	8 488,886	128 309,736	15,115	14,646
40	98 152	7 905,240	115 226,883	14,576	14,107	40	98 901	7 965,599	119 820,850	15,042	14,574
41	98 031	7 413,574	107 321,643	14,476	14,008	41	98 839	7 474,700	111 855,251	14,965	14,496
42	97 888	6 951,004	99 908,069	14,373	13,904	42	98 766	7 013,353	104 380,551	14,883	14,414
43	97 750	6 517,531	92 957,065	14,263	13,794	43	98 687	6 579,995	97 367,198	14,797	14,329
44	97 594	6 109,989	86 439,534	14,147	13,679	44	98 598	6 172,865	90 787,203	14,707	14,239
45	97 425	5 727,131	80 329,545	14,026	13,557	45	98 505	5 790,635	84 614,337	14,612	14,144
46	97 242	5 367,482	74 602,414	13,899	13,430	46	98 399	5 431,368	78 823,702	14,513	14,044
47	97 041	5 029,493	69 234,932	13,766	13,297	47	98 283	5 093,836	73 392,335	14,408	13,939
48	96 815	4 711,518	64 205,439	13,627	13,159	48	98 155	4 776,730	68 298,498	14,298	13,829
49	96 561	4 412,350	59 493,922	13,484	13,015	49	98 006	4 478,388	63 521,768	14,184	13,715

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 6,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	4 130,884	55 081,572	13,334	12,865	50	97 841	4 197,978	59 043,380	14,065	13,596
51	95 968	3 866,301	50 950,687	13,178	12,709	51	97 661	3 934,495	54 845,402	13,940	13,471
52	95 624	3 617,340	47 084,386	13,016	12,548	52	97 458	3 686,690	50 910,907	13,809	13,341
53	95 242	3 382,991	43 467,046	12,849	12,380	53	97 243	3 454,050	47 224,217	13,672	13,203
54	94 812	3 162,179	40 084,055	12,676	12,207	54	97 002	3 235,201	43 770,167	13,529	13,061
55	94 338	2 954,311	36 921,876	12,498	12,029	55	96 735	3 029,380	40 534,967	13,381	12,912
56	93 801	2 758,226	33 967,565	12,315	11,846	56	96 434	2 835,635	37 505,586	13,227	12,758
57	93 207	2 573,480	31 209,338	12,127	11,659	57	96 108	2 653,565	34 669,951	13,065	12,597
58	92 548	2 399,330	28 635,858	11,935	11,466	58	95 747	2 482,251	32 016,386	12,898	12,429
59	91 833	2 235,491	26 236,528	11,736	11,268	59	95 347	2 321,024	29 534,135	12,725	12,256
60	91 035	2 080,813	24 001,037	11,534	11,066	60	94 905	2 169,265	27 213,111	12,545	12,076
61	90 165	1 935,147	21 920,225	11,327	10,859	61	94 418	2 026,426	25 043,846	12,359	11,890
62	89 210	1 797,792	19 985,077	11,116	10,648	62	93 891	1 892,119	23 017,419	12,165	11,696
63	88 162	1 668,227	18 187,285	10,902	10,433	63	93 316	1 765,761	21 125,301	11,964	11,495
64	87 020	1 546,118	16 519,058	10,684	10,215	64	92 685	1 646,783	19 359,540	11,756	11,287
65	85 790	1 431,236	14 972,940	10,462	9,993	65	91 999	1 534,819	17 712,757	11,541	11,072
66	84 473	1 323,252	13 541,704	10,234	9,765	66	91 261	1 429,596	16 177,938	11,316	10,848
67	83 054	1 221,617	12 218,451	10,002	9,533	67	90 462	1 330,588	14 748,342	11,084	10,615
68	81 552	1 126,319	10 996,834	9,764	9,295	68	89 616	1 237,686	13 417,754	10,841	10,372
69	79 951	1 036,808	9 870,514	9,520	9,051	69	88 701	1 150,288	12 180,068	10,589	10,120
70	78 265	953,004	8 833,707	9,269	8,801	70	87 677	1 067,612	11 029,780	10,331	9,863
71	76 503	874,696	7 880,703	9,010	8,541	71	86 577	989,870	9 962,168	10,064	9,595
72	74 595	800,829	7 006,007	8,748	8,280	72	85 381	916,615	8 972,298	9,789	9,320
73	72 635	732,188	6 205,178	8,475	8,006	73	84 104	847,807	8 055,682	9,502	9,033
74	70 541	667,680	5 472,991	8,197	7,728	74	82 697	782,740	7 207,875	9,209	8,740
75	68 341	607,379	4 805,311	7,912	7,443	75	81 192	721,596	6 425,136	8,904	8,435
76	66 001	550,783	4 197,931	7,622	7,153	76	79 559	663,923	5 703,540	8,591	8,122
77	63 529	497,800	3 647,149	7,327	6,858	77	77 797	609,594	5 039,617	8,267	7,798
78	60 972	448,599	3 149,349	7,020	6,552	78	75 934	558,687	4 430,023	7,929	7,461
79	58 245	402,383	2 700,750	6,712	6,243	79	73 868	510,316	3 871,337	7,586	7,117
80	55 363	359,132	2 298,367	6,400	5,931	80	71 592	464,407	3 361,021	7,237	6,768
81	52 275	318,401	1 939,235	6,091	5,622	81	69 068	420,687	2 896,614	6,885	6,417
82	49 023	280,372	1 620,834	5,781	5,312	82	66 277	379,047	2 475,927	6,532	6,063
83	45 621	244,990	1 340,462	5,471	5,003	83	63 161	339,184	2 096,880	6,182	5,713
84	42 017	211,865	1 095,472	5,171	4,702	84	59 675	300,903	1 757,697	5,841	5,373
85	38 253	181,114	883,607	4,879	4,410	85	55 869	264,516	1 456,794	5,507	5,039
86	34 355	152,729	702,493	4,600	4,131	86	51 751	230,068	1 192,278	5,182	4,714
87	30 415	126,963	549,764	4,330	3,861	87	47 338	197,604	962,209	4,869	4,401
88	26 491	103,831	422,801	4,072	3,603	88	42 647	167,157	764,605	4,574	4,105
89	22 604	83,189	318,970	3,834	3,366	89	37 815	139,172	597,448	4,293	3,824
90	18 870	65,208	235,781	3,616	3,147	90	32 944	113,845	458,277	4,025	3,557
91	15 409	50,000	170,573	3,411	2,943	91	28 098	91,171	344,431	3,778	3,309
92	12 317	37,527	120,573	3,213	2,744	92	23 435	71,402	253,260	3,547	3,078
93	9 559	27,346	83,046	3,037	2,568	93	19 031	54,443	181,859	3,340	2,872
94	7 217	19,387	55,700	2,873	2,404	94	15 045	40,413	127,415	3,153	2,684
95	5 269	13,291	36,313	2,732	2,263	95	11 593	29,239	87,002	2,976	2,507
96	3 736	8,849	23,023	2,602	2,133	96	8 645	20,474	57,763	2,821	2,353
97	2 561	5,695	14,174	2,489	2,020	97	6 230	13,855	37,289	2,691	2,223
98	1 708	3,567	8,478	2,377	1,908	98	4 394	9,175	23,434	2,554	2,085
99	1 107	2,170	4,911	2,263	1,794	99	2 992	5,867	14,259	2,430	1,962
100	686	1,262	2,741	2,172	1,703	100	1 965	3,618	8,392	2,320	1,851

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 6,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 560 057,532	15,601	15,131	0	100 000	100 000,000	1 565 719,247	15,657	15,188
1	99 661	93 359,627	1 460 057,532	15,639	15,170	1	99 711	93 405,914	1 465 719,247	15,692	15,223
2	99 637	87 435,190	1 366 697,904	15,631	15,162	2	99 689	87 480,224	1 372 313,334	15,687	15,218
3	99 624	81 895,605	1 279 262,715	15,621	15,152	3	99 676	81 937,919	1 284 833,110	15,681	15,211
4	99 612	76 708,101	1 197 367,110	15,609	15,140	4	99 666	76 749,180	1 202 895,191	15,673	15,204
5	99 601	71 849,507	1 120 659,009	15,597	15,128	5	99 656	71 889,569	1 126 146,010	15,665	15,196
6	99 592	67 300,212	1 048 809,502	15,584	15,115	6	99 650	67 339,283	1 054 256,441	15,656	15,187
7	99 583	63 039,019	981 509,290	15,570	15,101	7	99 642	63 076,690	986 917,158	15,646	15,177
8	99 573	59 047,206	918 470,271	15,555	15,086	8	99 638	59 085,420	923 840,468	15,636	15,167
9	99 566	55 309,329	859 423,065	15,538	15,069	9	99 630	55 345,351	864 755,048	15,625	15,156
10	99 558	51 807,859	804 113,735	15,521	15,052	10	99 625	51 843,006	809 409,697	15,613	15,144
11	99 550	48 528,338	752 305,876	15,502	15,033	11	99 620	48 562,177	757 566,691	15,600	15,131
12	99 543	45 456,660	703 777,538	15,482	15,013	12	99 612	45 488,002	709 004,514	15,587	15,117
13	99 535	42 578,582	658 320,878	15,461	14,992	13	99 606	42 609,019	663 516,512	15,572	15,103
14	99 525	39 882,553	615 742,296	15,439	14,970	14	99 598	39 911,617	620 907,494	15,557	15,088
15	99 513	37 356,090	575 859,743	15,415	14,946	15	99 589	37 384,482	580 995,877	15,541	15,072
16	99 497	34 988,556	538 503,654	15,391	14,922	16	99 577	35 016,538	543 611,394	15,524	15,055
17	99 475	32 768,670	503 515,098	15,366	14,897	17	99 564	32 798,184	508 594,857	15,507	15,038
18	99 448	30 688,461	470 746,428	15,340	14,870	18	99 551	30 720,311	475 796,673	15,488	15,019
19	99 410	28 736,876	440 057,966	15,313	14,844	19	99 535	28 773,137	445 076,362	15,468	14,999
20	99 370	26 908,928	411 321,090	15,286	14,817	20	99 519	26 949,328	416 303,225	15,448	14,979
21	99 329	25 197,025	384 412,162	15,256	14,787	21	99 503	25 241,140	389 353,896	15,425	14,956
22	99 289	23 594,224	359 215,137	15,225	14,756	22	99 486	23 641,081	364 112,756	15,402	14,933
23	99 247	22 093,051	335 620,914	15,191	14,722	23	99 469	22 142,496	340 471,675	15,376	14,907
24	99 205	20 687,370	313 527,862	15,156	14,686	24	99 453	20 738,993	318 329,178	15,349	14,880
25	99 160	19 370,393	292 840,492	15,118	14,649	25	99 436	19 424,437	297 590,185	15,320	14,851
26	99 116	18 137,552	273 470,099	15,078	14,608	26	99 417	18 192,656	278 165,749	15,290	14,821
27	99 072	16 983,194	255 332,547	15,034	14,565	27	99 399	17 039,263	259 973,093	15,257	14,788
28	99 028	15 902,160	238 349,352	14,988	14,519	28	99 379	15 958,491	242 933,830	15,223	14,754
29	98 982	14 889,747	222 447,192	14,940	14,470	29	99 355	14 945,848	226 975,339	15,187	14,717
30	98 933	13 941,360	207 557,445	14,888	14,419	30	99 330	13 997,340	212 029,491	15,148	14,679
31	98 881	13 052,925	193 616,085	14,833	14,364	31	99 302	13 108,554	198 032,151	15,107	14,638
32	98 824	12 220,550	180 563,160	14,775	14,306	32	99 270	12 275,722	184 923,597	15,064	14,595
33	98 764	11 440,829	168 342,610	14,714	14,245	33	99 237	11 495,642	172 647,875	15,019	14,549
34	98 695	10 709,890	156 901,781	14,650	14,181	34	99 202	10 764,980	161 152,233	14,970	14,501
35	98 625	10 025,633	146 191,891	14,582	14,113	35	99 164	10 080,440	150 387,253	14,919	14,450
36	98 551	9 384,603	136 166,258	14,510	14,040	36	99 118	9 438,626	140 306,812	14,865	14,396
37	98 464	8 783,434	126 781,654	14,434	13,965	37	99 071	8 837,588	130 868,186	14,808	14,339
38	98 365	8 219,833	117 998,220	14,355	13,886	38	99 021	8 274,591	122 030,598	14,748	14,279
39	98 266	7 692,254	109 778,387	14,271	13,802	39	98 966	7 747,078	113 756,007	14,684	14,215
40	98 152	7 197,539	102 086,133	14,183	13,714	40	98 901	7 252,494	106 008,929	14,617	14,148
41	98 031	6 734,081	94 888,594	14,091	13,622	41	98 839	6 789,604	98 756,435	14,545	14,076
42	97 888	6 299,121	88 154,513	13,995	13,526	42	98 766	6 355,623	91 966,831	14,470	14,001
43	97 750	5 892,468	81 855,393	13,892	13,422	43	98 687	5 948,942	85 611,207	14,391	13,922
44	97 594	5 511,074	75 962,924	13,784	13,315	44	98 598	5 567,787	79 662,266	14,308	13,839
45	97 425	5 153,648	70 451,850	13,670	13,201	45	98 505	5 210,793	74 094,478	14,219	13,750
46	97 242	4 818,700	65 298,202	13,551	13,082	46	98 399	4 876,054	68 883,686	14,127	13,658
47	97 041	4 504,693	60 479,502	13,426	12,957	47	98 283	4 562,323	64 007,632	14,030	13,560
48	96 815	4 210,014	55 974,809	13,296	12,827	48	98 155	4 268,286	59 445,309	13,927	13,458
49	96 561	3 933,457	51 764,795	13,160	12,691	49	98 006	3 992,328	55 177,023	13,821	13,352

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 6,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	3 673,916	47 831,337	13,019	12,550	50	97 841	3 733,587	51 184,695	13,709	13,240
51	95 968	3 430,549	44 157,421	12,872	12,403	51	97 661	3 491,057	47 451,108	13,592	13,123
52	95 624	3 202,130	40 726,873	12,719	12,250	52	97 458	3 263,520	43 960,051	13,470	13,001
53	95 242	2 987,667	37 524,742	12,560	12,091	53	97 243	3 050,422	40 696,531	13,341	12,872
54	94 812	2 786,118	34 537,075	12,396	11,927	54	97 002	2 850,456	37 646,109	13,207	12,738
55	94 338	2 596,875	31 750,957	12,227	11,757	55	96 735	2 662,862	34 795,653	13,067	12,598
56	93 801	2 418,836	29 154,081	12,053	11,584	56	96 434	2 486,720	32 132,791	12,922	12,453
57	93 207	2 251,537	26 735,245	11,874	11,405	57	96 108	2 321,603	29 646,071	12,770	12,301
58	92 548	2 094,257	24 483,708	11,691	11,222	58	95 747	2 166,635	27 324,468	12,611	12,142
59	91 833	1 946,680	22 389,451	11,501	11,032	59	95 347	2 021,163	25 157,833	12,447	11,978
60	91 035	1 807,742	20 442,771	11,308	10,839	60	94 905	1 884,587	23 136,670	12,277	11,808
61	90 165	1 677,255	18 635,029	11,110	10,641	61	94 418	1 756,370	21 252,083	12,100	11,631
62	89 210	1 554,556	16 957,774	10,908	10,439	62	93 891	1 636,120	19 495,713	11,916	11,447
63	88 162	1 439,143	15 403,218	10,703	10,234	63	93 316	1 523,283	17 859,593	11,724	11,255
64	87 020	1 330,678	13 964,075	10,494	10,025	64	92 685	1 417,316	16 336,310	11,526	11,057
65	85 790	1 228,919	12 633,397	10,280	9,811	65	91 999	1 317,860	14 918,994	11,321	10,851
66	84 473	1 133,539	11 404,477	10,061	9,592	66	91 261	1 224,636	13 601,134	11,106	10,637
67	83 054	1 044,025	10 270,938	9,838	9,369	67	90 462	1 137,153	12 376,498	10,884	10,415
68	81 552	960,326	9 226,914	9,608	9,139	68	89 616	1 055,280	11 239,345	10,651	10,181
69	79 951	881,936	8 266,588	9,373	8,904	69	88 701	978,466	10 184,064	10,408	9,939
70	78 265	808,752	7 384,651	9,131	8,662	70	87 677	906,012	9 205,598	10,161	9,691
71	76 503	740,558	6 575,899	8,880	8,411	71	86 577	838,071	8 299,586	9,903	9,434
72	74 595	676,431	5 835,341	8,627	8,158	72	85 381	774,232	7 461,515	9,637	9,168
73	72 635	617,005	5 158,909	8,361	7,892	73	84 104	714,435	6 687,283	9,360	8,891
74	70 541	561,327	4 541,905	8,091	7,622	74	82 697	658,059	5 972,848	9,076	8,607
75	68 341	509,436	3 980,578	7,814	7,345	75	81 192	605,234	5 314,789	8,781	8,312
76	66 001	460,884	3 471,142	7,531	7,062	76	79 559	555,557	4 709,555	8,477	8,008
77	63 529	415,573	3 010,259	7,244	6,774	77	77 797	508,901	4 153,998	8,163	7,694
78	60 972	373,622	2 594,685	6,945	6,476	78	75 934	465,310	3 645,097	7,834	7,365
79	58 245	334,345	2 221,063	6,643	6,174	79	73 868	424,029	3 179,787	7,499	7,030
80	55 363	297,709	1 886,718	6,337	5,868	80	71 592	384,979	2 755,758	7,158	6,689
81	52 275	263,327	1 589,009	6,034	5,565	81	69 068	347,919	2 370,779	6,814	6,345
82	49 023	231,332	1 325,682	5,731	5,262	82	66 277	312,748	2 022,860	6,468	5,999
83	45 621	201,665	1 094,350	5,427	4,957	83	63 161	279,202	1 710,112	6,125	5,656
84	42 017	173,990	892,684	5,131	4,662	84	59 675	247,111	1 430,911	5,791	5,321
85	38 253	148,388	718,695	4,843	4,374	85	55 869	216,720	1 183,800	5,462	4,993
86	34 355	124,839	570,307	4,568	4,099	86	51 751	188,055	967,080	5,143	4,673
87	30 415	103,535	445,468	4,303	3,833	87	47 338	161,141	779,025	4,834	4,365
88	26 491	84,474	341,933	4,048	3,579	88	42 647	135,993	617,884	4,543	4,074
89	22 604	67,521	257,460	3,813	3,344	89	37 815	112,960	481,891	4,266	3,797
90	18 870	52,803	189,939	3,597	3,128	90	32 944	92,187	368,931	4,002	3,533
91	15 409	40,393	137,136	3,395	2,926	91	28 098	73,653	276,744	3,757	3,288
92	12 317	30,245	96,743	3,199	2,729	92	23 435	57,548	203,091	3,529	3,060
93	9 559	21,988	66,497	3,024	2,555	93	19 031	43,777	145,543	3,325	2,856
94	7 217	15,552	44,509	2,862	2,393	94	15 045	32,419	101,766	3,139	2,670
95	5 269	10,637	28,957	2,722	2,253	95	11 593	23,401	69,347	2,963	2,494
96	3 736	7,065	18,320	2,593	2,124	96	8 645	16,348	45,946	2,811	2,341
97	2 561	4,537	11,255	2,481	2,012	97	6 230	11,037	29,599	2,682	2,213
98	1 708	2,835	6,718	2,370	1,901	98	4 394	7,291	18,562	2,546	2,077
99	1 107	1,721	3,883	2,257	1,787	99	2 992	4,651	11,271	2,423	1,954
100	686	0,998	2,162	2,166	1,697	100	1 965	2,862	6,619	2,313	1,844

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 7,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 509 767,006	15,098	14,628	0	100 000	100 000,000	1 514 774,772	15,148	14,678
1	99 661	93 141,497	1 409 767,006	15,136	14,666	1	99 711	93 187,676	1 414 774,772	15,182	14,712
2	99 637	87 027,091	1 316 625,509	15,129	14,659	2	99 689	87 071,915	1 321 587,096	15,178	14,709
3	99 624	81 322,911	1 229 598,418	15,120	14,650	3	99 676	81 364,929	1 234 515,181	15,173	14,703
4	99 612	75 993,711	1 148 275,507	15,110	14,641	4	99 666	76 034,408	1 153 150,252	15,166	14,697
5	99 601	71 014,056	1 072 281,796	15,100	14,630	5	99 656	71 053,653	1 077 115,844	15,159	14,690
6	99 592	66 362,245	1 001 267,739	15,088	14,618	6	99 650	66 400,772	1 006 062,191	15,151	14,682
7	99 583	62 015,205	934 905,494	15,075	14,606	7	99 642	62 052,265	939 661,419	15,143	14,674
8	99 573	57 952,503	872 890,289	15,062	14,593	8	99 638	57 990,009	877 609,154	15,134	14,664
9	99 566	54 157,093	814 937,785	15,048	14,578	9	99 630	54 192,364	819 619,145	15,124	14,655
10	99 558	50 610,043	760 780,692	15,032	14,563	10	99 625	50 644,377	765 426,781	15,114	14,644
11	99 550	47 295,584	710 170,649	15,016	14,546	11	99 620	47 328,562	714 782,404	15,103	14,633
12	99 543	44 198,425	662 875,065	14,998	14,528	12	99 612	44 228,900	667 453,842	15,091	14,621
13	99 535	41 303,283	618 676,640	14,979	14,509	13	99 606	41 332,808	623 224,942	15,078	14,609
14	99 525	38 597,612	577 373,357	14,959	14,489	14	99 598	38 625,739	581 892,134	15,065	14,595
15	99 513	36 068,078	538 775,746	14,938	14,468	15	99 589	36 095,492	543 266,395	15,051	14,581
16	99 497	33 703,245	502 707,668	14,916	14,446	16	99 577	33 730,199	507 170,903	15,036	14,567
17	99 475	31 491,157	469 004,423	14,893	14,424	17	99 564	31 519,520	473 440,704	15,021	14,551
18	99 448	29 423,140	437 513,266	14,870	14,400	18	99 551	29 453,676	441 921,184	15,004	14,534
19	99 410	27 487,648	408 090,126	14,846	14,377	19	99 535	27 522,332	412 467,508	14,987	14,517
20	99 370	25 679,024	380 602,478	14,822	14,352	20	99 519	25 717,578	384 945,175	14,968	14,499
21	99 329	23 989,185	354 923,454	14,795	14,326	21	99 503	24 031,186	359 227,597	14,948	14,479
22	99 289	22 410,731	330 934,269	14,767	14,297	22	99 486	22 455,238	335 196,412	14,927	14,458
23	99 247	20 935,828	308 523,538	14,737	14,267	23	99 469	20 982,683	312 741,174	14,905	14,435
24	99 205	19 557,973	287 587,710	14,704	14,235	24	99 453	19 606,777	291 758,490	14,880	14,411
25	99 160	18 270,106	268 029,738	14,670	14,201	25	99 436	18 321,080	272 151,714	14,855	14,385
26	99 116	17 067,324	249 759,631	14,634	14,164	26	99 417	17 119,176	253 830,633	14,827	14,358
27	99 072	15 943,741	232 692,307	14,595	14,125	27	99 399	15 996,378	236 711,457	14,798	14,328
28	99 028	14 893,991	216 748,566	14,553	14,083	28	99 379	14 946,751	220 715,079	14,767	14,297
29	98 982	13 913,180	201 854,574	14,508	14,039	29	99 355	13 965,601	205 768,328	14,734	14,264
30	98 933	12 996,557	187 941,394	14,461	13,991	30	99 330	13 048,743	191 802,727	14,699	14,229
31	98 881	12 139,901	174 944,837	14,411	13,941	31	99 302	12 191,638	178 753,984	14,662	14,193
32	98 824	11 339,193	162 804,937	14,358	13,888	32	99 270	11 390,386	166 562,345	14,623	14,154
33	98 764	10 590,903	151 465,744	14,301	13,832	33	99 237	10 641,644	155 171,959	14,582	14,112
34	98 695	9 891,100	140 874,841	14,243	13,773	34	99 202	9 941,979	144 530,315	14,537	14,068
35	98 625	9 237,523	130 983,740	14,180	13,710	35	99 164	9 288,022	134 588,336	14,491	14,021
36	98 551	8 626,681	121 746,218	14,113	13,643	36	99 118	8 676,341	125 300,314	14,442	13,972
37	98 464	8 055,199	113 119,537	14,043	13,574	37	99 071	8 104,863	116 623,973	14,389	13,920
38	98 365	7 520,713	105 064,338	13,970	13,500	38	99 021	7 570,814	108 519,110	14,334	13,864
39	98 266	7 021,563	97 543,624	13,892	13,422	39	98 966	7 071,606	100 948,297	14,275	13,806
40	98 152	6 554,631	90 522,062	13,810	13,341	40	98 901	6 604,678	93 876,691	14,214	13,744
41	98 031	6 118,242	83 967,431	13,724	13,255	41	98 839	6 168,688	87 272,013	14,148	13,678
42	97 888	5 709,688	77 849,189	13,635	13,165	42	98 766	5 760,903	81 103,325	14,078	13,609
43	97 750	5 328,609	72 139,501	13,538	13,069	43	98 687	5 379,678	75 342,422	14,005	13,535
44	97 594	4 972,066	66 810,892	13,437	12,968	44	98 598	5 023,233	69 962,744	13,928	13,458
45	97 425	4 638,734	61 838,826	13,331	12,861	45	98 505	4 690,170	64 939,511	13,846	13,376
46	97 242	4 327,118	57 200,091	13,219	12,749	46	98 399	4 378,621	60 249,341	13,760	13,290
47	97 041	4 035,694	52 872,973	13,101	12,632	47	98 283	4 087,323	55 870,720	13,669	13,200
48	96 815	3 762,883	48 837,279	12,979	12,509	48	98 155	3 814,965	51 783,396	13,574	13,104
49	96 561	3 507,483	45 074,397	12,851	12,381	49	98 006	3 559,979	47 968,431	13,474	13,005

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 7,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	3 268,395	41 566,913	12,718	12,248	50	97 841	3 321,480	44 408,453	13,370	12,901
51	95 968	3 044,759	38 298,518	12,579	12,109	51	97 661	3 098,463	41 086,973	13,260	12,791
52	95 624	2 835,388	35 253,759	12,433	11,964	52	97 458	2 889,747	37 988,510	13,146	12,676
53	95 242	2 639,307	32 418,370	12,283	11,813	53	97 243	2 694,744	35 098,763	13,025	12,555
54	94 812	2 455,507	29 779,064	12,127	11,658	54	97 002	2 512,211	32 404,018	12,899	12,429
55	94 338	2 283,373	27 323,556	11,966	11,497	55	96 735	2 341,394	29 891,808	12,767	12,297
56	93 801	2 121,858	25 040,183	11,801	11,332	56	96 434	2 181,408	27 550,414	12,630	12,160
57	93 207	1 970,485	22 918,325	11,631	11,161	57	96 108	2 031,805	25 369,006	12,486	12,016
58	92 548	1 828,556	20 947,840	11,456	10,986	58	95 747	1 891,750	23 337,201	12,336	11,867
59	91 833	1 695,731	19 119,284	11,275	10,805	59	95 347	1 760,612	21 445,451	12,181	11,711
60	91 035	1 571,024	17 423,553	11,091	10,621	60	94 905	1 637,806	19 684,839	12,019	11,550
61	90 165	1 454,219	15 852,530	10,901	10,432	61	94 418	1 522,813	18 047,033	11,851	11,382
62	89 210	1 344,686	14 398,311	10,708	10,238	62	93 891	1 415,239	16 524,220	11,676	11,206
63	88 162	1 241,945	13 053,625	10,511	10,041	63	93 316	1 314,556	15 108,981	11,494	11,024
64	87 020	1 145,660	11 811,680	10,310	9,840	64	92 685	1 220,252	13 794,425	11,305	10,835
65	85 790	1 055,578	10 666,019	10,104	9,635	65	91 999	1 131,973	12 574,173	11,108	10,639
66	84 473	971,376	9 610,441	9,894	9,424	66	91 261	1 049,441	11 442,200	10,903	10,434
67	83 054	892,577	8 639,065	9,679	9,209	67	90 462	972,197	10 392,759	10,690	10,220
68	81 552	819,102	7 746,488	9,457	8,988	68	89 616	900,092	9 420,562	10,466	9,997
69	79 951	750,482	6 927,386	9,231	8,761	69	88 701	832,624	8 520,470	10,233	9,764
70	78 265	686,598	6 176,903	8,996	8,527	70	87 677	769,169	7 687,846	9,995	9,525
71	76 503	627,236	5 490,305	8,753	8,284	71	86 577	709,826	6 918,677	9,747	9,277
72	74 595	571,583	4 863,069	8,508	8,039	72	85 381	654,225	6 208,851	9,490	9,021
73	72 635	520,149	4 291,486	8,250	7,781	73	84 104	602,285	5 554,626	9,223	8,753
74	70 541	472,106	3 771,337	7,988	7,519	74	82 697	553,463	4 952,340	8,948	8,478
75	68 341	427,462	3 299,231	7,718	7,249	75	81 192	507,845	4 398,877	8,662	8,192
76	66 001	385,819	2 871,769	7,443	6,974	76	79 559	465,072	3 891,032	8,367	7,897
77	63 529	347,076	2 485,950	7,163	6,693	77	77 797	425,020	3 425,960	8,061	7,591
78	60 972	311,310	2 138,875	6,871	6,401	78	75 934	387,706	3 000,939	7,740	7,271
79	58 245	277,933	1 827,565	6,576	6,106	79	73 868	352,484	2 613,233	7,414	6,944
80	55 363	246,900	1 549,632	6,276	5,807	80	71 592	319,275	2 260,749	7,081	6,611
81	52 275	217,875	1 302,732	5,979	5,510	81	69 068	287,866	1 941,474	6,744	6,275
82	49 023	190,956	1 084,857	5,681	5,212	82	66 277	258,161	1 653,607	6,405	5,936
83	45 621	166,078	893,901	5,382	4,913	83	63 161	229,932	1 395,446	6,069	5,599
84	42 017	142,951	727,823	5,091	4,622	84	59 675	203,028	1 165,514	5,741	5,271
85	38 253	121,632	584,872	4,809	4,339	85	55 869	177,643	962,486	5,418	4,949
86	34 355	102,090	463,240	4,538	4,068	86	51 751	153,786	784,843	5,103	4,634
87	30 415	84,470	361,150	4,275	3,806	87	47 338	131,469	631,057	4,800	4,331
88	26 491	68,758	276,680	4,024	3,554	88	42 647	110,693	499,588	4,513	4,044
89	22 604	54,831	207,922	3,792	3,323	89	37 815	91,730	388,896	4,240	3,770
90	18 870	42,779	153,092	3,579	3,109	90	32 944	74,686	297,166	3,979	3,509
91	15 409	32,648	110,313	3,379	2,909	91	28 098	59,531	222,480	3,737	3,268
92	12 317	24,389	77,664	3,184	2,715	92	23 435	46,405	162,948	3,511	3,042
93	9 559	17,689	53,275	3,012	2,542	93	19 031	35,218	116,543	3,309	2,840
94	7 217	12,483	35,586	2,851	2,381	94	15 045	26,020	81,325	3,125	2,656
95	5 269	8,517	23,104	2,713	2,243	95	11 593	18,738	55,305	2,952	2,482
96	3 736	5,644	14,586	2,584	2,115	96	8 645	13,060	36,567	2,800	2,331
97	2 561	3,616	8,942	2,473	2,004	97	6 230	8,796	23,508	2,672	2,203
98	1 708	2,254	5,326	2,363	1,893	98	4 394	5,798	14,711	2,537	2,068
99	1 107	1,365	3,072	2,250	1,781	99	2 992	3,690	8,914	2,416	1,946
100	686	0,790	1,707	2,161	1,691	100	1 965	2,265	5,224	2,307	1,837

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 7,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 462 688,134	14,627	14,157	0	100 000	100 000,000	1 467 134,015	14,671	14,201
1	99 661	92 924,384	1 362 688,134	14,664	14,195	1	99 711	92 970,455	1 367 134,015	14,705	14,235
2	99 637	86 621,843	1 269 763,750	14,659	14,189	2	99 689	86 666,459	1 274 163,561	14,702	14,232
3	99 624	80 755,544	1 183 141,906	14,651	14,181	3	99 676	80 797,269	1 187 497,102	14,697	14,227
4	99 612	75 287,619	1 102 386,363	14,642	14,172	4	99 666	75 327,938	1 106 699,833	14,692	14,222
5	99 601	70 190,236	1 027 098,744	14,633	14,163	5	99 656	70 229,374	1 031 371,896	14,686	14,216
6	99 592	65 439,494	956 908,507	14,623	14,153	6	99 650	65 477,485	961 142,522	14,679	14,209
7	99 583	61 010,351	891 469,014	14,612	14,142	7	99 642	61 046,810	895 665,037	14,672	14,202
8	99 573	56 880,580	830 458,662	14,600	14,130	8	99 638	56 917,392	834 618,227	14,664	14,194
9	99 566	53 031,467	773 578,082	14,587	14,117	9	99 630	53 066,004	777 700,836	14,655	14,185
10	99 558	49 442,620	720 546,616	14,573	14,103	10	99 625	49 476,162	724 634,831	14,646	14,176
11	99 550	46 096,912	671 103,996	14,559	14,089	11	99 620	46 129,055	675 158,669	14,636	14,166
12	99 543	42 977,833	625 007,084	14,543	14,073	12	99 612	43 007,466	629 029,614	14,626	14,156
13	99 535	40 069,024	582 029,251	14,526	14,056	13	99 606	40 097,667	586 022,148	14,615	14,145
14	99 525	37 356,924	541 960,226	14,508	14,038	14	99 598	37 384,147	545 924,481	14,603	14,133
15	99 513	34 827,328	504 603,302	14,489	14,019	15	99 589	34 853,798	508 540,333	14,591	14,121
16	99 497	32 467,986	469 775,975	14,469	13,999	16	99 577	32 493,952	473 686,535	14,578	14,108
17	99 475	30 266,258	437 307,989	14,449	13,979	17	99 564	30 293,518	441 192,583	14,564	14,094
18	99 448	28 212,762	407 041,732	14,428	13,958	18	99 551	28 242,042	410 899,066	14,549	14,079
19	99 410	26 295,452	378 828,970	14,407	13,937	19	99 535	26 328,632	382 657,024	14,534	14,064
20	99 370	24 508,010	352 533,518	14,384	13,915	20	99 519	24 544,806	356 328,392	14,517	14,048
21	99 329	22 841,862	328 025,508	14,361	13,891	21	99 503	22 881,854	331 783,586	14,500	14,030
22	99 289	21 289,160	305 183,646	14,335	13,865	22	99 486	21 331,439	308 901,732	14,481	14,011
23	99 247	19 841,710	283 894,486	14,308	13,838	23	99 469	19 886,117	287 570,292	14,461	13,991
24	99 205	18 492,655	264 052,776	14,279	13,809	24	99 453	18 538,801	267 684,176	14,439	13,969
25	99 160	17 234,671	245 560,120	14,248	13,778	25	99 436	17 282,756	249 145,374	14,416	13,946
26	99 116	16 062,526	228 325,449	14,215	13,745	26	99 417	16 111,325	231 862,618	14,391	13,921
27	99 072	14 970,114	212 262,924	14,179	13,709	27	99 399	15 019,537	215 751,293	14,365	13,895
28	99 028	13 951,871	197 292,810	14,141	13,671	28	99 379	14 001,293	200 731,756	14,337	13,867
29	98 982	13 002,721	183 340,939	14,100	13,630	29	99 355	13 051,712	186 730,463	14,307	13,837
30	98 933	12 117,768	170 338,218	14,057	13,587	30	99 330	12 166,425	173 678,752	14,275	13,805
31	98 881	11 292,651	158 220,450	14,011	13,541	31	99 302	11 340,778	161 512,327	14,242	13,772
32	98 824	10 523,238	146 927,799	13,962	13,492	32	99 270	10 570,747	150 171,548	14,206	13,736
33	98 764	9 805,883	136 404,561	13,910	13,441	33	99 237	9 852,864	139 600,801	14,169	13,699
34	98 695	9 136,605	126 598,678	13,856	13,386	34	99 202	9 183,602	129 747,937	14,128	13,658
35	98 625	8 512,992	117 462,073	13,798	13,328	35	99 164	8 559,530	120 564,335	14,085	13,615
36	98 551	7 931,529	108 949,081	13,736	13,266	36	99 118	7 977,187	112 004,806	14,041	13,571
37	98 464	7 388,834	101 017,553	13,672	13,202	37	99 071	7 434,390	104 027,619	13,993	13,523
38	98 365	6 882,483	93 628,719	13,604	13,134	38	99 021	6 928,332	96 593,229	13,942	13,472
39	98 266	6 410,713	86 746,236	13,531	13,062	39	98 966	6 456,404	89 664,897	13,888	13,418
40	98 152	5 970,454	80 335,522	13,456	12,986	40	98 901	6 016,040	83 208,494	13,831	13,361
41	98 031	5 559,967	74 365,069	13,375	12,905	41	98 839	5 605,810	77 192,454	13,770	13,300
42	97 888	5 176,598	68 805,101	13,292	12,822	42	98 766	5 223,031	71 586,644	13,706	13,236
43	97 750	4 819,837	63 628,504	13,201	12,731	43	98 687	4 866,030	66 363,613	13,638	13,168
44	97 594	4 486,854	58 808,667	13,107	12,637	44	98 598	4 533,027	61 497,583	13,567	13,097
45	97 425	4 176,293	54 321,814	13,007	12,537	45	98 505	4 222,601	56 964,556	13,490	13,020
46	97 242	3 886,661	50 145,521	12,902	12,432	46	98 399	3 932,922	52 741,955	13,410	12,940
47	97 041	3 616,451	46 258,859	12,791	12,321	47	98 283	3 662,717	48 809,034	13,326	12,856
48	96 815	3 364,121	42 642,408	12,676	12,206	48	98 155	3 410,684	45 146,316	13,237	12,767
49	96 561	3 128,477	39 278,287	12,555	12,085	49	98 006	3 175,300	41 735,632	13,144	12,674

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 7,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	2 908,428	36 149,810	12,429	11,959	50	97 841	2 955,667	38 560,332	13,046	12,576
51	95 968	2 703,107	33 241,382	12,297	11,828	51	97 661	2 750,785	35 604,666	12,943	12,474
52	95 624	2 511,362	30 538,274	12,160	11,690	52	97 458	2 559,509	32 853,881	12,836	12,366
53	95 242	2 332,239	28 026,912	12,017	11,547	53	97 243	2 381,227	30 294,372	12,722	12,252
54	94 812	2 164,766	25 694,673	11,869	11,400	54	97 002	2 214,756	27 913,145	12,603	12,133
55	94 338	2 008,321	23 529,907	11,716	11,246	55	96 735	2 059,352	25 698,389	12,479	12,009
56	93 801	1 861,912	21 521,585	11,559	11,089	56	96 434	1 914,166	23 639,037	12,350	11,880
57	93 207	1 725,052	19 659,674	11,397	10,927	57	96 108	1 778,735	21 724,871	12,214	11,744
58	92 548	1 597,069	17 934,621	11,230	10,760	58	95 747	1 652,264	19 946,136	12,072	11,602
59	91 833	1 477,607	16 337,552	11,057	10,587	59	95 347	1 534,143	18 293,872	11,924	11,455
60	91 035	1 365,751	14 859,945	10,880	10,411	60	94 905	1 423,807	16 759,729	11,771	11,301
61	90 165	1 261,260	13 494,194	10,699	10,229	61	94 418	1 320,753	15 335,922	11,612	11,142
62	89 210	1 163,543	12 232,934	10,514	10,044	62	93 891	1 224,592	14 015,169	11,445	10,975
63	88 162	1 072,138	11 069,391	10,325	9,855	63	93 316	1 134,821	12 790,577	11,271	10,801
64	87 020	986,712	9 997,253	10,132	9,662	64	92 685	1 050,955	11 655,757	11,091	10,621
65	85 790	907,008	9 010,541	9,934	9,464	65	91 999	972,651	10 604,802	10,903	10,433
66	84 473	832,712	8 103,533	9,731	9,262	66	91 261	899,633	9 632,151	10,707	10,237
67	83 054	763,378	7 270,820	9,525	9,055	67	90 462	831,473	8 732,518	10,502	10,033
68	81 552	698,906	6 507,442	9,311	8,841	68	89 616	768,011	7 901,045	10,288	9,818
69	79 951	638,863	5 808,537	9,092	8,622	69	88 701	708,787	7 133,034	10,064	9,594
70	78 265	583,118	5 169,674	8,866	8,396	70	87 677	653,243	6 424,246	9,834	9,364
71	76 503	531,460	4 586,557	8,630	8,160	71	86 577	601,440	5 771,003	9,595	9,125
72	74 595	483,176	4 055,096	8,393	7,923	72	85 381	553,036	5 169,564	9,348	8,878
73	72 635	438,673	3 571,920	8,143	7,673	73	84 104	507,943	4 616,528	9,089	8,619
74	70 541	397,227	3 133,247	7,888	7,418	74	82 697	465,680	4 108,585	8,823	8,353
75	68 341	358,825	2 736,020	7,625	7,155	75	81 192	426,302	3 642,904	8,545	8,075
76	66 001	323,114	2 377,195	7,357	6,887	76	79 559	389,487	3 216,602	8,259	7,789
77	63 529	289,990	2 054,081	7,083	6,613	77	77 797	355,114	2 827,115	7,961	7,491
78	60 972	259,500	1 764,091	6,798	6,328	78	75 934	323,183	2 472,001	7,649	7,179
79	58 245	231,138	1 504,591	6,509	6,040	79	73 868	293,137	2 148,818	7,330	6,861
80	55 363	204,851	1 273,453	6,216	5,747	80	71 592	264,901	1 855,681	7,005	6,535
81	52 275	180,348	1 068,601	5,925	5,455	81	69 068	238,284	1 590,780	6,676	6,206
82	49 023	157,697	888,253	5,633	5,163	82	66 277	213,197	1 352,496	6,344	5,874
83	45 621	136,833	730,556	5,339	4,869	83	63 161	189,442	1 139,298	6,014	5,544
84	42 017	117,504	593,723	5,053	4,583	84	59 675	166,886	949,856	5,692	5,222
85	38 253	99,746	476,219	4,774	4,304	85	55 869	145,679	782,970	5,375	4,905
86	34 355	83,526	376,473	4,507	4,037	86	51 751	125,822	637,291	5,065	4,595
87	30 415	68,949	292,947	4,249	3,779	87	47 338	107,312	511,469	4,766	4,296
88	26 491	55,993	223,998	4,000	3,531	88	42 647	90,142	404,158	4,484	4,014
89	22 604	44,547	168,005	3,771	3,302	89	37 815	74,526	314,015	4,214	3,744
90	18 870	34,675	123,458	3,560	3,091	90	32 944	60,537	239,490	3,956	3,486
91	15 409	26,402	88,784	3,363	2,893	91	28 098	48,141	178,952	3,717	3,247
92	12 317	19,677	62,382	3,170	2,700	92	23 435	37,439	130,811	3,494	3,024
93	9 559	14,238	42,705	2,999	2,529	93	19 031	28,347	93,372	3,294	2,824
94	7 217	10,024	28,467	2,840	2,370	94	15 045	20,895	65,025	3,112	2,642
95	5 269	6,824	18,443	2,703	2,233	95	11 593	15,012	44,131	2,940	2,470
96	3 736	4,511	11,620	2,576	2,106	96	8 645	10,438	29,119	2,790	2,320
97	2 561	2,883	7,108	2,465	1,995	97	6 230	7,014	18,680	2,663	2,193
98	1 708	1,793	4,225	2,356	1,886	98	4 394	4,612	11,666	2,529	2,059
99	1 107	1,083	2,432	2,244	1,775	99	2 992	2,929	7,054	2,409	1,939
100	686	0,626	1,348	2,155	1,685	100	1 965	1,793	4,125	2,300	1,830

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 7,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 418 538,384	14,185	13,715	0	100 000	100 000,000	1 422 500,290	14,225	13,755
1	99 661	92 708,281	1 318 538,384	14,222	13,752	1	99 711	92 754,245	1 322 500,290	14,258	13,788
2	99 637	86 219,420	1 225 830,102	14,218	13,747	2	99 689	86 263,828	1 229 746,045	14,256	13,785
3	99 624	80 193,442	1 139 610,683	14,211	13,740	3	99 676	80 234,877	1 143 482,217	14,252	13,781
4	99 612	74 589,708	1 059 417,240	14,203	13,733	4	99 666	74 629,653	1 063 247,341	14,247	13,777
5	99 601	69 377,858	984 827,532	14,195	13,725	5	99 656	69 416,543	988 617,688	14,242	13,772
6	99 592	64 531,677	915 449,674	14,186	13,716	6	99 650	64 569,141	919 201,145	14,236	13,766
7	99 583	60 024,062	850 917,997	14,176	13,706	7	99 642	60 059,931	854 632,004	14,230	13,759
8	99 573	55 830,910	790 893,935	14,166	13,696	8	99 638	55 867,043	794 572,073	14,223	13,752
9	99 566	51 931,775	735 063,025	14,154	13,684	9	99 630	51 965,597	738 705,030	14,215	13,745
10	99 558	48 304,750	683 131,250	14,142	13,672	10	99 625	48 337,521	686 739,434	14,207	13,737
11	99 550	44 931,305	634 826,500	14,129	13,659	11	99 620	44 962,636	638 401,913	14,198	13,728
12	99 543	41 793,675	589 895,194	14,114	13,644	12	99 612	41 822,491	593 439,278	14,189	13,719
13	99 535	38 874,395	548 101,520	14,099	13,629	13	99 606	38 902,184	551 616,787	14,180	13,709
14	99 525	36 158,867	509 227,125	14,083	13,613	14	99 598	36 185,218	512 714,603	14,169	13,699
15	99 513	33 632,000	473 068,257	14,066	13,596	15	99 589	33 657,563	476 529,385	14,158	13,688
16	99 497	31 280,719	439 436,257	14,048	13,578	16	99 577	31 305,736	442 871,822	14,147	13,676
17	99 475	29 091,690	408 155,538	14,030	13,560	17	99 564	29 117,892	411 566,086	14,134	13,664
18	99 448	27 054,821	379 063,848	14,011	13,541	18	99 551	27 082,899	382 448,194	14,121	13,651
19	99 410	25 157,561	352 009,027	13,992	13,522	19	99 535	25 189,305	355 365,295	14,108	13,638
20	99 370	23 392,939	326 851,466	13,972	13,502	20	99 519	23 428,060	330 175,990	14,093	13,623
21	99 329	21 751,894	303 458,528	13,951	13,481	21	99 503	21 789,977	306 747,930	14,077	13,607
22	99 289	20 226,136	281 706,634	13,928	13,458	22	99 486	20 266,305	284 957,952	14,061	13,590
23	99 247	18 807,122	261 480,498	13,903	13,433	23	99 469	18 849,213	264 691,648	14,043	13,572
24	99 205	17 487,646	242 673,376	13,877	13,407	24	99 453	17 531,284	245 842,434	14,023	13,553
25	99 160	16 260,126	225 185,730	13,849	13,379	25	99 436	16 305,492	228 311,150	14,002	13,532
26	99 116	15 119,018	208 925,603	13,819	13,348	26	99 417	15 164,951	212 005,658	13,980	13,510
27	99 072	14 058,005	193 806,585	13,786	13,316	27	99 399	14 104,417	196 840,707	13,956	13,486
28	99 028	13 071,333	179 748,580	13,751	13,281	28	99 379	13 117,636	182 736,290	13,931	13,460
29	98 982	12 153,755	166 677,247	13,714	13,244	29	99 355	12 199,548	169 618,655	13,904	13,433
30	98 933	11 300,241	154 523,492	13,674	13,204	30	99 330	11 345,616	157 419,107	13,875	13,405
31	98 881	10 506,301	143 223,250	13,632	13,162	31	99 302	10 551,077	146 073,491	13,844	13,374
32	98 824	9 767,697	132 716,949	13,587	13,117	32	99 270	9 811,795	135 522,414	13,812	13,342
33	98 764	9 080,679	122 949,252	13,540	13,069	33	99 237	9 124,185	125 710,619	13,778	13,307
34	98 695	8 441,221	113 868,573	13,490	13,019	34	99 202	8 484,641	116 586,434	13,741	13,271
35	98 625	7 846,780	105 427,352	13,436	12,965	35	99 164	7 889,676	108 101,792	13,702	13,231
36	98 551	7 293,820	97 580,572	13,379	12,908	36	99 118	7 335,807	100 212,116	13,661	13,190
37	98 464	6 778,957	90 286,752	13,319	12,848	37	99 071	6 820,752	92 876,309	13,617	13,146
38	98 365	6 299,716	83 507,795	13,256	12,786	38	99 021	6 341,682	86 055,557	13,570	13,100
39	98 266	5 854,246	77 208,080	13,188	12,718	39	98 966	5 895,970	79 713,875	13,520	13,050
40	98 152	5 439,523	71 353,833	13,118	12,647	40	98 901	5 481,055	73 817,904	13,468	12,998
41	98 031	5 053,759	65 914,311	13,043	12,572	41	98 839	5 095,428	68 336,849	13,411	12,941
42	97 888	4 694,351	60 860,552	12,965	12,494	42	98 766	4 736,459	63 241,421	13,352	12,882
43	97 750	4 360,661	56 166,201	12,880	12,410	43	98 687	4 402,453	58 504,963	13,289	12,819
44	97 594	4 049,960	51 805,540	12,792	12,321	44	98 598	4 091,637	54 102,510	13,223	12,752
45	97 425	3 760,872	47 755,581	12,698	12,228	45	98 505	3 802,574	50 010,872	13,152	12,682
46	97 242	3 491,911	43 994,708	12,599	12,129	46	98 399	3 533,473	46 208,299	13,077	12,607
47	97 041	3 241,589	40 502,797	12,495	12,024	47	98 283	3 283,059	42 674,825	12,998	12,528
48	96 815	3 008,401	37 261,208	12,386	11,915	48	98 155	3 050,040	39 391,766	12,915	12,445
49	96 561	2 791,168	34 252,807	12,272	11,802	49	98 006	2 832,943	36 341,725	12,828	12,358

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 7,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	2 588,810	31 461,639	12,153	11,683	50	97 841	2 630,857	33 508,783	12,737	12,267
51	95 968	2 400,457	28 872,829	12,028	11,558	51	97 661	2 442,797	30 877,926	12,640	12,170
52	95 624	2 224,994	26 472,372	11,898	11,427	52	97 458	2 267,650	28 435,129	12,539	12,069
53	95 242	2 061,491	24 247,378	11,762	11,292	53	97 243	2 104,792	26 167,479	12,432	11,962
54	94 812	1 909,010	22 185,886	11,622	11,151	54	97 002	1 953,093	24 062,687	12,320	11,850
55	94 338	1 766,929	20 276,877	11,476	11,005	55	96 735	1 811,827	22 109,593	12,203	11,733
56	93 801	1 634,308	18 509,947	11,326	10,856	56	96 434	1 680,175	20 297,766	12,081	11,610
57	93 207	1 510,657	16 875,639	11,171	10,701	57	96 108	1 557,668	18 617,592	11,952	11,482
58	92 548	1 395,328	15 364,982	11,012	10,541	58	95 747	1 443,551	17 059,924	11,818	11,348
59	91 833	1 287,954	13 969,654	10,846	10,376	59	95 347	1 337,233	15 616,373	11,678	11,208
60	91 035	1 187,686	12 681,700	10,678	10,207	60	94 905	1 238,173	14 279,140	11,532	11,062
61	90 165	1 094,268	11 494,014	10,504	10,034	61	94 418	1 145,884	13 040,967	11,381	10,910
62	89 210	1 007,141	10 399,746	10,326	9,856	62	93 891	1 059,984	11 895,083	11,222	10,752
63	88 162	925,864	9 392,604	10,145	9,674	63	93 316	979,995	10 835,100	11,056	10,586
64	87 020	850,111	8 466,740	9,960	9,489	64	92 685	905,461	9 855,104	10,884	10,414
65	85 790	779,625	7 616,629	9,770	9,299	65	91 999	836,049	8 949,644	10,705	10,234
66	84 473	714,099	6 837,004	9,574	9,104	66	91 261	771,487	8 113,595	10,517	10,047
67	83 054	653,118	6 122,905	9,375	8,905	67	90 462	711,377	7 342,108	10,321	9,851
68	81 552	596,567	5 469,787	9,169	8,698	68	89 616	655,554	6 630,731	10,115	9,644
69	79 951	544,048	4 873,220	8,957	8,487	69	88 701	603,595	5 975,177	9,899	9,429
70	78 265	495,421	4 329,172	8,738	8,268	70	87 677	555,001	5 371,582	9,679	9,208
71	76 503	450,483	3 833,751	8,510	8,040	71	86 577	509,799	4 816,581	9,448	8,978
72	74 595	408,603	3 383,268	8,280	7,810	72	85 381	467,681	4 306,782	9,209	8,739
73	72 635	370,106	2 974,665	8,037	7,567	73	84 104	428,549	3 839,101	8,958	8,488
74	70 541	334,359	2 604,559	7,790	7,319	74	82 697	391,978	3 410,552	8,701	8,231
75	68 341	301,332	2 270,200	7,534	7,064	75	81 192	357,997	3 018,574	8,432	7,962
76	66 001	270,712	1 968,868	7,273	6,803	76	79 559	326,321	2 660,576	8,153	7,683
77	63 529	242,395	1 698,156	7,006	6,535	77	77 797	296,831	2 334,256	7,864	7,394
78	60 972	216,405	1 455,761	6,727	6,257	78	75 934	269,512	2 037,425	7,560	7,089
79	58 245	192,305	1 239,356	6,445	5,974	79	73 868	243,887	1 767,914	7,249	6,779
80	55 363	170,038	1 047,052	6,158	5,687	80	71 592	219,882	1 524,026	6,931	6,461
81	52 275	149,351	877,014	5,872	5,402	81	69 068	197,329	1 304,144	6,609	6,139
82	49 023	130,289	727,663	5,585	5,115	82	66 277	176,143	1 106,815	6,284	5,813
83	45 621	112,788	597,374	5,296	4,826	83	63 161	156,153	930,671	5,960	5,490
84	42 017	96,631	484,585	5,015	4,545	84	59 675	137,241	774,519	5,644	5,173
85	38 253	81,837	387,955	4,741	4,270	85	55 869	119,522	637,278	5,332	4,862
86	34 355	68,369	306,118	4,477	4,007	86	51 751	102,990	517,756	5,027	4,557
87	30 415	56,306	237,749	4,222	3,752	87	47 338	87,635	414,766	4,733	4,263
88	26 491	45,619	181,443	3,977	3,507	88	42 647	73,442	327,131	4,454	3,984
89	22 604	36,210	135,823	3,751	3,281	89	37 815	60,578	253,689	4,188	3,718
90	18 870	28,119	99,614	3,543	3,072	90	32 944	49,093	193,111	3,934	3,463
91	15 409	21,361	71,494	3,347	2,877	91	28 098	38,949	144,018	3,698	3,227
92	12 317	15,883	50,133	3,156	2,686	92	23 435	30,220	105,069	3,477	3,007
93	9 559	11,466	34,251	2,987	2,517	93	19 031	22,828	74,849	3,279	2,809
94	7 217	8,053	22,785	2,829	2,359	94	15 045	16,788	52,021	3,099	2,628
95	5 269	5,470	14,731	2,693	2,223	95	11 593	12,033	35,233	2,928	2,458
96	3 736	3,608	9,262	2,567	2,097	96	8 645	8,348	23,200	2,779	2,309
97	2 561	2,300	5,654	2,458	1,987	97	6 230	5,596	14,853	2,654	2,184
98	1 708	1,427	3,353	2,349	1,879	98	4 394	3,671	9,256	2,521	2,051
99	1 107	0,860	1,926	2,238	1,768	99	2 992	2,326	5,585	2,401	1,931
100	686	0,496	1,066	2,150	1,679	100	1 965	1,421	3,259	2,294	1,824

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 7,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 377 065,543	13,771	13,300	0	100 000	100 000,000	1 380 609,527	13,806	13,335
1	99 661	92 493,181	1 277 065,543	13,807	13,336	1	99 711	92 539,037	1 280 609,527	13,839	13,368
2	99 637	85 819,794	1 184 572,363	13,803	13,332	2	99 689	85 863,996	1 188 070,490	13,837	13,366
3	99 624	79 636,545	1 098 752,569	13,797	13,326	3	99 676	79 677,692	1 102 206,494	13,833	13,363
4	99 612	73 899,866	1 019 116,024	13,790	13,320	4	99 666	73 939,441	1 022 528,802	13,829	13,359
5	99 601	68 576,737	945 216,158	13,783	13,313	5	99 656	68 614,975	948 589,361	13,825	13,354
6	99 592	63 638,519	876 639,421	13,775	13,305	6	99 650	63 675,464	879 974,386	13,820	13,349
7	99 583	59 055,952	813 000,902	13,767	13,296	7	99 642	59 091,243	816 298,922	13,814	13,344
8	99 573	54 802,982	753 944,950	13,757	13,287	8	99 638	54 838,449	757 207,678	13,808	13,337
9	99 566	50 857,363	699 141,968	13,747	13,276	9	99 630	50 890,485	702 369,229	13,802	13,331
10	99 558	47 195,620	648 284,605	13,736	13,265	10	99 625	47 227,638	651 478,745	13,794	13,324
11	99 550	43 797,778	601 088,985	13,724	13,254	11	99 620	43 828,318	604 251,107	13,787	13,316
12	99 543	40 644,780	557 291,207	13,711	13,241	12	99 612	40 672,805	560 422,789	13,779	13,308
13	99 535	37 718,035	516 646,427	13,698	13,227	13	99 606	37 744,997	519 749,985	13,770	13,299
14	99 525	35 001,883	478 928,392	13,683	13,212	14	99 598	35 027,391	482 004,988	13,761	13,290
15	99 513	32 480,334	443 926,509	13,668	13,197	15	99 589	32 505,021	446 977,597	13,751	13,280
16	99 497	30 139,476	411 446,175	13,651	13,181	16	99 577	30 163,580	414 472,576	13,741	13,270
17	99 475	27 965,275	381 306,699	13,635	13,164	17	99 564	27 990,463	384 308,996	13,730	13,259
18	99 448	25 946,931	353 341,424	13,618	13,147	18	99 551	25 973,860	356 318,533	13,718	13,248
19	99 410	24 071,384	327 394,492	13,601	13,130	19	99 535	24 101,757	330 344,674	13,706	13,236
20	99 370	22 331,016	303 323,109	13,583	13,112	20	99 519	22 364,544	306 242,916	13,693	13,223
21	99 329	20 716,289	280 992,093	13,564	13,093	21	99 503	20 752,560	283 878,373	13,679	13,209
22	99 289	19 218,478	260 275,803	13,543	13,072	22	99 486	19 256,646	263 125,813	13,664	13,193
23	99 247	17 828,697	241 057,325	13,521	13,050	23	99 469	17 868,599	243 869,167	13,648	13,177
24	99 205	16 539,402	223 228,627	13,497	13,026	24	99 453	16 580,674	226 000,568	13,630	13,160
25	99 160	15 342,762	206 689,225	13,471	13,001	25	99 436	15 385,569	209 419,894	13,611	13,141
26	99 116	14 232,933	191 346,463	13,444	12,973	26	99 417	14 276,174	194 034,326	13,591	13,121
27	99 072	13 203,398	177 113,530	13,414	12,944	27	99 399	13 246,988	179 758,152	13,570	13,099
28	99 028	12 248,222	163 910,132	13,382	12,912	28	99 379	12 291,610	166 511,164	13,547	13,076
29	98 982	11 362,002	151 661,910	13,348	12,878	29	99 355	11 404,811	154 219,554	13,522	13,052
30	98 933	10 539,579	140 299,908	13,312	12,841	30	99 330	10 581,900	142 814,743	13,496	13,025
31	98 881	9 776,347	129 760,328	13,273	12,802	31	99 302	9 818,012	132 232,843	13,468	12,998
32	98 824	9 067,971	119 983,982	13,232	12,761	32	99 270	9 108,910	122 414,832	13,439	12,968
33	98 764	8 410,609	110 916,011	13,188	12,717	33	99 237	8 450,905	113 305,922	13,408	12,937
34	98 695	7 800,197	102 505,402	13,141	12,671	34	99 202	7 840,320	104 855,017	13,374	12,903
35	98 625	7 234,075	94 705,205	13,092	12,621	35	99 164	7 273,621	97 014,697	13,338	12,867
36	98 551	6 708,690	87 471,130	13,038	12,568	36	99 118	6 747,308	89 741,076	13,300	12,830
37	98 464	6 220,664	80 762,440	12,983	12,512	37	99 071	6 259,017	82 993,767	13,260	12,789
38	98 365	5 767,479	74 541,777	12,924	12,454	38	99 021	5 805,900	76 734,750	13,217	12,746
39	98 266	5 347,210	68 774,298	12,862	12,391	39	98 966	5 385,320	70 928,851	13,171	12,700
40	98 152	4 956,878	63 427,088	12,796	12,325	40	98 901	4 994,725	65 543,531	13,123	12,652
41	98 031	4 594,657	58 470,211	12,726	12,255	41	98 839	4 632,541	60 548,806	13,070	12,600
42	97 888	4 257,997	53 875,553	12,653	12,182	42	98 766	4 296,191	55 916,265	13,015	12,545
43	97 750	3 946,147	49 617,557	12,574	12,103	43	98 687	3 983,967	51 620,074	12,957	12,486
44	97 594	3 656,477	45 671,409	12,491	12,020	44	98 598	3 694,105	47 636,107	12,895	12,425
45	97 425	3 387,599	42 014,932	12,403	11,932	45	98 505	3 425,161	43 942,002	12,829	12,359
46	97 242	3 138,034	38 627,334	12,309	11,839	46	98 399	3 175,385	40 516,841	12,760	12,289
47	97 041	2 906,322	35 489,299	12,211	11,740	47	98 283	2 943,503	37 341,456	12,686	12,215
48	96 815	2 690,993	32 582,978	12,108	11,637	48	98 155	2 728,240	34 397,954	12,608	12,137
49	96 561	2 490,887	29 891,984	12,001	11,530	49	98 006	2 528,168	31 669,714	12,527	12,056

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 7,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	2 304,939	27 401,097	11,888	11,417	50	97 841	2 342,376	29 141,546	12,441	11,970
51	95 968	2 132,281	25 096,158	11,770	11,299	51	97 661	2 169,890	26 799,171	12,350	11,880
52	95 624	1 971,835	22 963,877	11,646	11,175	52	97 458	2 009,638	24 629,280	12,256	11,785
53	95 242	1 822,696	20 992,042	11,517	11,046	53	97 243	1 860,981	22 619,643	12,155	11,684
54	94 812	1 683,962	19 169,346	11,383	10,913	54	97 002	1 722,848	20 758,661	12,049	11,578
55	94 338	1 555,014	17 485,384	11,245	10,774	55	96 735	1 594,527	19 035,813	11,938	11,468
56	93 801	1 434,962	15 930,370	11,102	10,631	56	96 434	1 475,234	17 441,286	11,823	11,352
57	93 207	1 323,316	14 495,409	10,954	10,483	57	96 108	1 364,497	15 966,053	11,701	11,230
58	92 548	1 219,453	13 172,093	10,802	10,331	58	95 747	1 261,597	14 601,556	11,574	11,103
59	91 833	1 123,002	11 952,640	10,643	10,173	59	95 347	1 165,969	13 339,959	11,441	10,970
60	91 035	1 033,172	10 829,638	10,482	10,011	60	94 905	1 077,091	12 173,990	11,303	10,832
61	90 165	949,699	9 796,466	10,315	9,845	61	94 418	994,496	11 096,899	11,158	10,688
62	89 210	872,055	8 846,767	10,145	9,674	62	93 891	917,810	10 102,403	11,007	10,536
63	88 162	799,819	7 974,712	9,971	9,500	63	93 316	846,581	9 184,593	10,849	10,378
64	87 020	732,676	7 174,892	9,793	9,322	64	92 685	780,379	8 338,012	10,685	10,214
65	85 790	670,367	6 442,217	9,610	9,139	65	91 999	718,884	7 557,633	10,513	10,042
66	84 473	612,599	5 771,849	9,422	8,951	66	91 261	661,831	6 838,749	10,333	9,862
67	83 054	558,986	5 159,250	9,230	8,759	67	90 462	608,849	6 176,919	10,145	9,675
68	81 552	509,401	4 600,264	9,031	8,560	68	89 616	559,769	5 568,070	9,947	9,476
69	79 951	463,478	4 090,863	8,826	8,356	69	88 701	514,206	5 008,301	9,740	9,269
70	78 265	421,073	3 627,385	8,615	8,144	70	87 677	471,712	4 494,094	9,527	9,057
71	76 503	381,990	3 206,312	8,394	7,923	71	86 577	432,288	4 022,383	9,305	8,834
72	74 595	345,674	2 824,321	8,170	7,700	72	85 381	395,653	3 590,094	9,074	8,603
73	72 635	312,380	2 478,647	7,935	7,464	73	84 104	361,707	3 194,441	8,832	8,361
74	70 541	281,553	2 166,267	7,694	7,223	74	82 697	330,073	2 832,734	8,582	8,111
75	68 341	253,154	1 884,714	7,445	6,974	75	81 192	300,759	2 502,661	8,321	7,850
76	66 001	226,901	1 631,560	7,191	6,720	76	79 559	273,511	2 201,902	8,051	7,580
77	63 529	202,696	1 404,659	6,930	6,459	77	77 797	248,216	1 928,391	7,769	7,298
78	60 972	180,543	1 201,963	6,658	6,187	78	75 934	224,848	1 680,175	7,472	7,002
79	58 245	160,064	1 021,420	6,381	5,911	79	73 868	202,999	1 455,327	7,169	6,698
80	55 363	141,202	861,357	6,100	5,630	80	71 592	182,593	1 252,328	6,859	6,388
81	52 275	123,735	720,155	5,820	5,349	81	69 068	163,485	1 069,735	6,543	6,073
82	49 023	107,693	596,420	5,538	5,067	82	66 277	145,594	906,250	6,225	5,754
83	45 621	93,010	488,727	5,255	4,784	83	63 161	128,771	760,656	5,907	5,436
84	42 017	79,501	395,716	4,977	4,507	84	59 675	112,913	631,885	5,596	5,126
85	38 253	67,174	316,215	4,707	4,237	85	55 869	98,107	518,972	5,290	4,819
86	34 355	55,989	249,041	4,448	3,977	86	51 751	84,341	420,865	4,990	4,519
87	30 415	46,003	193,053	4,196	3,726	87	47 338	71,599	336,525	4,700	4,229
88	26 491	37,186	147,049	3,954	3,484	88	42 647	59,865	264,926	4,425	3,955
89	22 604	29,447	109,864	3,731	3,260	89	37 815	49,264	205,061	4,163	3,692
90	18 870	22,815	80,417	3,525	3,054	90	32 944	39,831	155,797	3,911	3,441
91	15 409	17,291	57,602	3,331	2,861	91	28 098	31,528	115,966	3,678	3,208
92	12 317	12,827	40,311	3,143	2,672	92	23 435	24,405	84,438	3,460	2,989
93	9 559	9,238	27,485	2,975	2,504	93	19 031	18,393	60,032	3,264	2,793
94	7 217	6,474	18,246	2,819	2,348	94	15 045	13,495	41,639	3,086	2,615
95	5 269	4,386	11,773	2,684	2,213	95	11 593	9,650	28,145	2,916	2,446
96	3 736	2,887	7,386	2,559	2,088	96	8 645	6,679	18,495	2,769	2,298
97	2 561	1,836	4,499	2,450	1,980	97	6 230	4,467	11,816	2,645	2,174
98	1 708	1,137	2,663	2,343	1,872	98	4 394	2,924	7,348	2,513	2,042
99	1 107	0,684	1,526	2,232	1,762	99	2 992	1,848	4,424	2,394	1,924
100	686	0,393	0,843	2,144	1,674	100	1 965	1,126	2,576	2,287	1,817

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 8,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 338 044,000	13,380	12,909	0	100 000	100 000,000	1 341 226,170	13,412	12,941
1	99 661	92 279,076	1 238 044,000	13,416	12,945	1	99 711	92 324,827	1 241 226,170	13,444	12,973
2	99 637	85 422,940	1 145 764,923	13,413	12,942	2	99 689	85 466,937	1 148 901,343	13,443	12,972
3	99 624	79 084,793	1 060 341,984	13,408	12,937	3	99 676	79 125,655	1 063 434,406	13,440	12,969
4	99 612	73 217,980	981 257,191	13,402	12,931	4	99 666	73 257,190	984 308,751	13,436	12,965
5	99 601	67 786,690	908 039,211	13,396	12,924	5	99 656	67 824,488	911 051,561	13,432	12,961
6	99 592	62 759,750	840 252,521	13,388	12,917	6	99 650	62 796,185	843 227,073	13,428	12,957
7	99 583	58 105,647	777 492,771	13,381	12,910	7	99 642	58 140,370	780 430,888	13,423	12,952
8	99 573	53 796,297	719 387,124	13,372	12,901	8	99 638	53 831,112	722 290,518	13,418	12,947
9	99 566	49 807,592	665 590,827	13,363	12,892	9	99 630	49 840,030	668 459,406	13,412	12,941
10	99 558	46 114,439	615 783,235	13,353	12,882	10	99 625	46 145,723	618 619,376	13,406	12,935
11	99 550	42 695,375	569 668,796	13,343	12,872	11	99 620	42 725,146	572 473,652	13,399	12,928
12	99 543	39 530,022	526 973,421	13,331	12,860	12	99 612	39 557,278	529 748,506	13,392	12,921
13	99 535	36 598,632	487 443,398	13,319	12,848	13	99 606	36 624,795	490 191,228	13,384	12,913
14	99 525	33 884,473	450 844,766	13,305	12,834	14	99 598	33 909,167	453 566,433	13,376	12,905
15	99 513	31 370,637	416 960,293	13,291	12,820	15	99 589	31 394,480	419 657,267	13,367	12,896
16	99 497	29 042,371	385 589,656	13,277	12,806	16	99 577	29 065,598	388 262,787	13,358	12,887
17	99 475	26 884,935	356 547,285	13,262	12,791	17	99 564	26 909,150	359 197,189	13,349	12,877
18	99 448	24 886,821	329 662,350	13,246	12,775	18	99 551	24 912,649	332 288,039	13,338	12,867
19	99 410	23 034,458	304 775,529	13,231	12,760	19	99 535	23 063,523	307 375,390	13,327	12,856
20	99 370	21 319,595	281 741,071	13,215	12,744	20	99 519	21 351,604	284 311,867	13,316	12,845
21	99 329	19 732,220	260 421,475	13,198	12,727	21	99 503	19 766,768	262 960,263	13,303	12,832
22	99 289	18 263,185	240 689,255	13,179	12,708	22	99 486	18 299,455	243 193,495	13,290	12,819
23	99 247	16 903,267	222 426,070	13,159	12,688	23	99 469	16 941,097	224 894,040	13,275	12,804
24	99 205	15 644,597	205 522,803	13,137	12,666	24	99 453	15 683,635	207 952,943	13,259	12,788
25	99 160	14 479,102	189 878,207	13,114	12,643	25	99 436	14 519,499	192 269,307	13,242	12,771
26	99 116	13 400,655	175 399,105	13,089	12,618	26	99 417	13 441,367	177 749,808	13,224	12,753
27	99 072	12 402,546	161 998,450	13,062	12,591	27	99 399	12 443,492	164 308,441	13,204	12,733
28	99 028	11 478,674	149 595,904	13,033	12,561	28	99 379	11 519,335	151 864,949	13,183	12,712
29	98 982	10 623,486	138 117,230	13,001	12,530	29	99 355	10 663,513	140 345,614	13,161	12,690
30	98 933	9 831,708	127 493,744	12,968	12,497	30	99 330	9 871,186	129 682,102	13,137	12,666
31	98 881	9 098,626	117 662,036	12,932	12,461	31	99 302	9 137,403	119 810,915	13,112	12,641
32	98 824	8 419,821	108 563,410	12,894	12,423	32	99 270	8 457,834	110 673,513	13,085	12,614
33	98 764	7 791,368	100 143,589	12,853	12,382	33	99 237	7 828,697	102 215,679	13,057	12,585
34	98 695	7 209,172	92 352,221	12,810	12,339	34	99 202	7 246,255	94 386,982	13,026	12,555
35	98 625	6 670,468	85 143,049	12,764	12,293	35	99 164	6 706,933	87 140,727	12,993	12,522
36	98 551	6 171,696	78 472,581	12,715	12,244	36	99 118	6 207,224	80 433,794	12,958	12,487
37	98 464	5 709,487	72 300,885	12,663	12,192	37	99 071	5 744,689	74 226,570	12,921	12,450
38	98 365	5 281,288	66 591,398	12,609	12,138	38	99 021	5 316,470	68 481,882	12,881	12,410
39	98 266	4 885,113	61 310,110	12,550	12,079	39	98 966	4 919,930	63 165,411	12,839	12,368
40	98 152	4 518,030	56 424,997	12,489	12,018	40	98 901	4 552,527	58 245,481	12,794	12,323
41	98 031	4 178,184	51 906,966	12,423	11,952	41	98 839	4 212,634	53 692,954	12,746	12,275
42	97 888	3 863,077	47 728,782	12,355	11,884	42	98 766	3 897,728	49 480,320	12,695	12,224
43	97 750	3 571,863	43 865,706	12,281	11,810	43	98 687	3 606,095	45 582,592	12,640	12,169
44	97 594	3 302,006	40 293,843	12,203	11,732	44	98 598	3 335,987	41 976,497	12,583	12,112
45	97 425	3 052,112	36 991,837	12,120	11,649	45	98 505	3 085,955	38 640,510	12,521	12,050
46	97 242	2 820,719	33 939,724	12,032	11,561	46	98 399	2 854,292	35 554,556	12,457	11,985
47	97 041	2 606,389	31 119,006	11,940	11,468	47	98 283	2 639,733	32 700,264	12,388	11,917
48	96 815	2 407,696	28 512,616	11,842	11,371	48	98 155	2 441,022	30 060,530	12,315	11,844
49	96 561	2 223,498	26 104,920	11,740	11,269	49	98 006	2 256,776	27 619,509	12,238	11,767

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 8,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	2 052,748	23 881,422	11,634	11,163	50	97 841	2 086,089	25 362,732	12,158	11,687
51	95 968	1 894,585	21 828,674	11,522	11,051	51	97 661	1 928,002	23 276,644	12,073	11,602
52	95 624	1 747,969	19 934,089	11,404	10,933	52	97 458	1 781,480	21 348,642	11,984	11,513
53	95 242	1 612,022	18 186,120	11,282	10,811	53	97 243	1 645,882	19 567,162	11,889	11,418
54	94 812	1 485,876	16 574,098	11,154	10,683	54	97 002	1 520,188	17 921,280	11,789	11,318
55	94 338	1 368,920	15 088,222	11,022	10,551	55	96 735	1 403,704	16 401,092	11,684	11,213
56	93 801	1 260,311	13 719,302	10,886	10,415	56	96 434	1 295,681	14 997,387	11,575	11,104
57	93 207	1 159,563	12 458,991	10,745	10,274	57	96 108	1 195,648	13 701,706	11,460	10,989
58	92 548	1 066,079	11 299,428	10,599	10,128	58	95 747	1 102,923	12 506,059	11,339	10,868
59	91 833	979,486	10 233,349	10,448	9,977	59	95 347	1 016,963	11 403,136	11,213	10,742
60	91 035	899,051	9 253,863	10,293	9,822	60	94 905	937,268	10 386,173	11,081	10,610
61	90 165	824,501	8 354,813	10,133	9,662	61	94 418	863,392	9 448,905	10,944	10,473
62	89 210	755,340	7 530,312	9,969	9,498	62	93 891	794,971	8 585,514	10,800	10,329
63	88 162	691,168	6 774,972	9,802	9,316	63	93 316	731,578	7 790,543	10,649	10,178
64	87 020	631,680	6 083,804	9,631	9,160	64	92 685	672,808	7 058,965	10,492	10,021
65	85 790	576,623	5 452,124	9,455	8,984	65	91 999	618,355	6 386,157	10,328	9,857
66	84 473	525,713	4 875,501	9,274	8,803	66	91 261	567,962	5 767,803	10,155	9,684
67	83 054	478,594	4 349,788	9,089	8,618	67	90 462	521,285	5 199,840	9,975	9,504
68	81 552	435,131	3 871,194	8,897	8,426	68	89 616	478,155	4 678,555	9,785	9,314
69	79 951	394,986	3 436,063	8,699	8,228	69	88 701	438,218	4 200,400	9,585	9,114
70	78 265	358,018	3 041,077	8,494	8,023	70	87 677	401,073	3 762,182	9,380	8,909
71	76 503	324,035	2 683,059	8,280	7,809	71	86 577	366,702	3 361,109	9,166	8,695
72	74 595	292,551	2 359,024	8,064	7,593	72	85 381	334,849	2 994,407	8,943	8,472
73	72 635	263,761	2 066,473	7,835	7,364	73	84 104	305,411	2 659,558	8,708	8,237
74	70 541	237,182	1 802,713	7,601	7,130	74	82 697	278,055	2 354,147	8,466	7,995
75	68 341	212,764	1 565,531	7,358	6,887	75	81 192	252,774	2 076,093	8,213	7,742
76	66 001	190,259	1 352,767	7,110	6,639	76	79 559	229,341	1 823,318	7,950	7,479
77	63 529	169,569	1 162,508	6,856	6,385	77	77 797	207,650	1 593,977	7,676	7,205
78	60 972	150,687	992,939	6,589	6,118	78	75 934	187,666	1 386,327	7,387	6,916
79	58 245	133,285	842,252	6,319	5,848	79	73 868	169,037	1 198,662	7,091	6,620
80	55 363	117,307	708,967	6,044	5,573	80	71 592	151,694	1 029,625	6,788	6,316
81	52 275	102,558	591,661	5,769	5,298	81	69 068	135,504	877,931	6,479	6,008
82	49 023	89,054	489,103	5,492	5,021	82	66 277	120,396	742,427	6,167	5,695
83	45 621	76,735	400,049	5,213	4,742	83	63 161	106,238	622,031	5,855	5,384
84	42 017	65,438	323,313	4,941	4,470	84	59 675	92,939	515,793	5,550	5,079
85	38 253	55,163	257,875	4,675	4,204	85	55 869	80,565	422,854	5,249	4,778
86	34 355	45,872	202,712	4,419	3,948	86	51 751	69,100	342,288	4,953	4,482
87	30 415	37,603	156,841	4,171	3,700	87	47 338	58,525	273,188	4,668	4,197
88	26 491	30,325	119,237	3,932	3,461	88	42 647	48,820	214,662	4,397	3,926
89	22 604	23,959	88,912	3,711	3,240	89	37 815	40,082	165,842	4,138	3,667
90	18 870	18,520	64,953	3,507	3,036	90	32 944	32,333	125,760	3,890	3,419
91	15 409	14,003	46,434	3,316	2,845	91	28 098	25,533	93,427	3,659	3,188
92	12 317	10,364	32,431	3,129	2,658	92	23 435	19,719	67,894	3,443	2,972
93	9 559	7,447	22,067	2,963	2,492	93	19 031	14,827	48,175	3,249	2,778
94	7 217	5,206	14,620	2,808	2,337	94	15 045	10,853	33,348	3,073	2,602
95	5 269	3,520	9,413	2,674	2,203	95	11 593	7,743	22,495	2,905	2,434
96	3 736	2,311	5,894	2,500	2,079	96	8 645	5,347	14,752	2,759	2,288
97	2 561	1,467	3,583	2,443	1,972	97	6 230	3,568	9,405	2,636	2,165
98	1 708	0,906	2,116	2,336	1,865	98	4 394	2,330	5,837	2,505	2,034
99	1 107	0,543	1,210	2,227	1,756	99	2 992	1,469	3,507	2,387	1,916
100	686	0,312	0,667	2,139	1,668	100	1 965	0,893	2,038	2,281	1,810

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 8,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 301 271,515	13,013	12,541	0	100 000	100 000,000	1 304 139,627	13,041	12,570
1	99 661	92 065,961	1 201 271,515	13,048	12,577	1	99 711	92 111,605	1 204 139,627	13,073	12,601
2	99 637	85 028,832	1 109 205,555	13,045	12,574	2	99 689	85 072,627	1 112 028,021	13,072	12,600
3	99 624	78 538,126	1 024 176,723	13,041	12,569	3	99 676	78 578,705	1 026 955,394	13,069	12,598
4	99 612	72 543,941	945 638,597	13,035	12,564	4	99 666	72 582,790	948 376,689	13,066	12,595
5	99 601	67 007,541	873 094,656	13,030	12,558	5	99 656	67 044,904	875 793,899	13,063	12,591
6	99 592	61 895,105	806 087,115	13,023	12,552	6	99 650	61 931,038	808 748,995	13,059	12,587
7	99 583	57 172,778	744 192,009	13,017	12,545	7	99 642	57 206,944	746 817,956	13,055	12,583
8	99 573	52 810,367	687 019,231	13,009	12,538	8	99 638	52 844,544	689 611,013	13,050	12,578
9	99 566	48 781,843	634 208,865	13,001	12,529	9	99 630	48 813,613	636 766,468	13,045	12,573
10	99 558	45 060,441	585 427,022	12,992	12,521	10	99 625	45 091,010	587 952,856	13,039	12,568
11	99 550	41 623,173	540 366,581	12,982	12,511	11	99 620	41 652,197	542 861,846	13,033	12,562
12	99 543	38 448,311	498 743,408	12,972	12,500	12	99 612	38 474,821	501 209,649	13,027	12,556
13	99 535	35 514,926	460 295,097	12,961	12,489	13	99 606	35 540,314	462 734,828	13,020	12,549
14	99 525	32 805,197	424 780,171	12,949	12,477	14	99 598	32 829,103	427 194,515	13,013	12,541
15	99 513	30 301,288	391 974,974	12,936	12,464	15	99 589	30 324,319	394 365,411	13,005	12,533
16	99 497	27 987,601	361 673,686	12,923	12,451	16	99 577	28 009,984	364 041,093	12,997	12,525
17	99 475	25 848,685	333 686,085	12,909	12,438	17	99 564	25 871,966	336 031,109	12,988	12,517
18	99 448	23 872,326	307 837,400	12,895	12,424	18	99 551	23 897,101	310 159,142	12,979	12,508
19	99 410	22 044,444	283 965,074	12,881	12,410	19	99 535	22 072,261	286 262,041	12,969	12,498
20	99 370	20 356,165	261 920,630	12,867	12,395	20	99 519	20 386,728	264 189,781	12,959	12,487
21	99 329	18 797,012	241 564,465	12,851	12,380	21	99 503	18 829,922	243 803,053	12,948	12,476
22	99 289	17 357,422	222 767,453	12,834	12,363	22	99 486	17 391,894	224 973,131	12,936	12,464
23	99 247	16 027,848	205 410,031	12,816	12,344	23	99 469	16 063,719	207 581,238	12,922	12,451
24	99 205	14 800,104	189 382,183	12,796	12,325	24	99 453	14 837,036	191 517,519	12,908	12,437
25	99 160	13 665,889	174 582,079	12,775	12,304	25	99 436	13 704,017	176 680,483	12,893	12,421
26	99 116	12 618,802	160 916,190	12,752	12,281	26	99 417	12 657,139	162 976,466	12,876	12,405
27	99 072	11 651,955	148 297,388	12,727	12,256	27	99 399	11 690,423	150 319,327	12,858	12,387
28	99 028	10 759,090	136 645,432	12,700	12,229	28	99 379	10 797,202	138 628,904	12,839	12,368
29	98 982	9 934,516	125 886,343	12,672	12,200	29	99 355	9 971,947	127 831,702	12,819	12,348
30	98 933	9 172,854	115 951,827	12,641	12,169	30	99 330	9 209,687	117 859,755	12,797	12,326
31	98 881	8 469,293	106 778,972	12,608	12,136	31	99 302	8 505,388	108 650,068	12,774	12,303
32	98 824	7 819,340	98 309,679	12,573	12,101	32	99 270	7 854,641	100 144,680	12,750	12,278
33	98 764	7 218,996	90 490,339	12,535	12,064	33	99 237	7 253,582	92 290,039	12,723	12,252
34	98 695	6 664,143	83 271,344	12,495	12,024	34	99 202	6 698,422	85 036,457	12,695	12,224
35	98 625	6 151,926	76 607,201	12,453	11,981	35	99 164	6 185,556	78 338,034	12,665	12,193
36	98 551	5 678,781	70 455,275	12,407	11,935	36	99 118	5 711,472	72 152,478	12,633	12,161
37	98 464	5 241,355	64 776,494	12,359	11,887	37	99 071	5 273,670	66 441,007	12,599	12,127
38	98 365	4 837,068	59 535,139	12,308	11,837	38	99 021	4 869,291	61 167,336	12,562	12,090
39	98 266	4 463,883	54 698,071	12,253	11,782	39	98 966	4 495,698	56 298,045	12,523	12,051
40	98 152	4 118,918	50 234,188	12,196	11,725	40	98 901	4 150,367	51 802,348	12,481	12,010
41	98 031	3 800,296	46 115,270	12,135	11,663	41	98 839	3 831,630	47 651,980	12,436	11,965
42	97 888	3 505,573	42 314,974	12,071	11,599	42	98 766	3 537,018	43 820,350	12,389	11,918
43	97 750	3 233,824	38 809,401	12,001	11,530	43	98 687	3 264,817	40 283,333	12,339	11,867
44	97 594	2 982,602	35 575,577	11,928	11,456	44	98 598	3 013,295	37 018,516	12,285	11,814
45	97 425	2 750,513	32 592,975	11,850	11,378	45	98 505	2 781,012	34 005,221	12,228	11,756
46	97 242	2 536,115	29 842,462	11,767	11,296	46	98 399	2 566,301	31 224,209	12,167	11,696
47	97 041	2 337,999	27 306,347	11,679	11,208	47	98 283	2 367,909	28 657,908	12,103	11,631
48	96 815	2 154,778	24 968,348	11,587	11,116	48	98 155	2 184,603	26 289,999	12,034	11,563
49	96 561	1 985,333	22 813,570	11,491	11,020	49	98 006	2 015,047	24 105,396	11,963	11,491

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 8,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	1 828,640	20 828,237	11,390	10,919	50	97 841	1 858,340	22 090,350	11,887	11,416
51	95 968	1 683,846	18 999,597	11,283	10,812	51	97 661	1 713,546	20 232,009	11,807	11,336
52	95 624	1 549,951	17 315,751	11,172	10,700	52	97 458	1 579,666	18 518,463	11,723	11,252
53	95 242	1 426,104	15 765,800	11,055	10,584	53	97 243	1 456,059	16 938,797	11,633	11,162
54	94 812	1 311,470	14 339,696	10,934	10,463	54	97 002	1 341,755	15 482,739	11,539	11,068
55	94 338	1 205,452	13 028,226	10,808	10,336	55	96 735	1 236,082	14 140,984	11,440	10,969
56	93 801	1 107,249	11 822,774	10,678	10,206	56	96 434	1 138,324	12 904,901	11,337	10,865
57	93 207	1 016,384	10 715,525	10,543	10,071	57	96 108	1 048,013	11 766,578	11,228	10,756
58	92 548	932,285	9 699,141	10,404	9,932	58	95 747	964,505	10 718,565	11,113	10,642
59	91 833	854,581	8 766,856	10,259	9,787	59	95 347	887,279	9 754,060	10,993	10,522
60	91 035	782,592	7 912,275	10,110	9,639	60	94 905	815,859	8 866,781	10,868	10,397
61	90 165	716,041	7 129,683	9,957	9,486	61	94 418	749,816	8 050,922	10,737	10,266
62	89 210	654,463	6 413,642	9,800	9,328	62	93 891	688,801	7 301,106	10,600	10,128
63	88 162	597,479	5 759,179	9,639	9,168	63	93 316	632,411	6 612,305	10,456	9,984
64	87 020	544,793	5 161,701	9,475	9,003	64	92 685	580,264	5 979,894	10,305	9,834
65	85 790	496,160	4 616,907	9,305	8,834	65	91 999	532,069	5 399,631	10,148	9,677
66	84 473	451,310	4 120,747	9,131	8,659	66	91 261	487,580	4 867,562	9,983	9,512
67	83 054	409,911	3 669,437	8,952	8,480	67	90 462	446,475	4 379,982	9,810	9,339
68	81 552	371,824	3 259,526	8,766	8,295	68	89 616	408,589	3 933,507	9,627	9,156
69	79 951	336,741	2 887,702	8,575	8,104	69	88 701	373,598	3 524,918	9,435	8,964
70	78 265	304,519	2 550,962	8,377	7,906	70	87 677	341,140	3 151,320	9,238	8,766
71	76 503	274,978	2 246,443	8,170	7,698	71	86 577	311,185	2 810,180	9,031	8,559
72	74 595	247,686	1 971,465	7,960	7,488	72	85 381	283,498	2 498,995	8,815	8,343
73	72 635	222,796	1 723,779	7,737	7,266	73	84 104	257,977	2 215,497	8,588	8,117
74	70 541	199,882	1 500,983	7,509	7,038	74	82 697	234,328	1 957,520	8,354	7,882
75	68 341	178,891	1 301,101	7,273	6,802	75	81 192	212,531	1 723,193	8,108	7,637
76	66 001	159,599	1 122,210	7,031	6,560	76	79 559	192,383	1 510,662	7,852	7,381
77	63 529	141,914	962,611	6,783	6,312	77	77 797	173,785	1 318,279	7,586	7,114
78	60 972	125,820	820,697	6,523	6,051	78	75 934	156,697	1 144,494	7,304	6,832
79	58 245	111,033	694,876	6,258	5,787	79	73 868	140,816	987,797	7,015	6,543
80	55 363	97,497	583,843	5,988	5,517	80	71 592	126,077	846,980	6,718	6,247
81	52 275	85,042	486,346	5,719	5,247	81	69 068	112,361	720,904	6,416	5,945
82	49 023	73,674	401,304	5,447	4,976	82	66 277	99,603	608,542	6,110	5,638
83	45 621	63,336	327,630	5,173	4,701	83	63 161	87,687	508,939	5,804	5,333
84	42 017	53,887	264,294	4,905	4,433	84	59 675	76,533	421,252	5,504	5,033
85	38 253	45,321	210,408	4,643	4,171	85	55 869	66,191	344,719	5,208	4,737
86	34 355	37,600	165,087	4,391	3,919	86	51 751	56,640	278,528	4,918	4,446
87	30 415	30,751	127,487	4,146	3,674	87	47 338	47,861	221,888	4,636	4,165
88	26 491	24,742	96,736	3,910	3,438	88	42 647	39,832	174,027	4,369	3,898
89	22 604	19,503	71,993	3,691	3,220	89	37 815	32,627	134,195	4,113	3,642
90	18 870	15,040	52,491	3,490	3,019	90	32 944	26,258	101,567	3,868	3,397
91	15 409	11,346	37,450	3,301	2,829	91	28 098	20,689	75,309	3,640	3,169
92	12 317	8,378	26,104	3,116	2,644	92	23 435	15,941	54,620	3,426	2,955
93	9 559	6,006	17,726	2,951	2,480	93	19 031	11,958	38,680	3,235	2,763
94	7 217	4,189	11,720	2,798	2,326	94	15 045	8,733	26,722	3,060	2,588
95	5 269	2,826	7,531	2,665	2,194	95	11 593	6,216	17,989	2,894	2,422
96	3 736	1,851	4,705	2,542	2,071	96	8 645	4,282	11,772	2,749	2,278
97	2 561	1,172	2,854	2,435	1,964	97	6 230	2,851	7,490	2,627	2,156
98	1 708	0,722	1,682	2,329	1,858	98	4 394	1,858	4,639	2,497	2,026
99	1 107	0,432	0,960	2,221	1,749	99	2 992	1,169	2,781	2,380	1,909
100	686	0,247	0,528	2,134	1,662	100	1 965	0,709	1,613	2,275	1,804

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 8,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 266 566,442	12,666	12,194	0	100 000	100 000,000	1 269 161,219	12,692	12,220
1	99 661	91 853,827	1 166 566,442	12,700	12,228	1	99 711	91 899,367	1 169 161,219	12,722	12,250
2	99 637	84 637,445	1 074 712,615	12,698	12,226	2	99 689	84 681,039	1 077 261,853	12,721	12,250
3	99 624	77 996,486	990 075,169	12,694	12,222	3	99 676	78 036,785	992 580,814	12,719	12,248
4	99 612	71 877,640	912 078,684	12,689	12,218	4	99 666	71 916,133	914 544,029	12,717	12,245
5	99 601	66 239,114	840 201,043	12,684	12,213	5	99 656	66 276,049	842 627,896	12,714	12,242
6	99 592	61 044,327	773 961,929	12,679	12,207	6	99 650	61 079,766	776 351,847	12,710	12,239
7	99 583	56 256,986	712 917,602	12,673	12,201	7	99 642	56 290,605	715 272,081	12,707	12,235
8	99 573	51 844,718	656 660,616	12,666	12,194	8	99 638	51 878,271	658 981,477	12,702	12,231
9	99 566	47 779,511	604 815,898	12,658	12,187	9	99 630	47 810,628	607 103,206	12,698	12,226
10	99 558	44 032,881	557 036,386	12,650	12,179	10	99 625	44 062,753	559 292,578	12,693	12,221
11	99 550	40 580,278	513 003,505	12,642	12,170	11	99 620	40 608,575	515 229,824	12,688	12,216
12	99 543	37 398,593	472 423,227	12,632	12,160	12	99 612	37 424,380	474 621,250	12,682	12,210
13	99 535	34 465,698	435 024,633	12,622	12,150	13	99 606	34 490,336	437 196,870	12,676	12,204
14	99 525	31 762,669	400 558,935	12,611	12,139	14	99 598	31 785,815	402 706,534	12,669	12,198
15	99 513	29 270,732	368 796,266	12,599	12,128	15	99 589	29 292,980	370 920,719	12,662	12,191
16	99 497	26 973,441	339 525,534	12,587	12,116	16	99 577	26 995,013	341 627,739	12,655	12,183
17	99 475	24 854,629	312 552,093	12,575	12,103	17	99 564	24 877,015	314 632,726	12,648	12,176
18	99 448	22 901,384	287 697,464	12,562	12,091	18	99 551	22 925,152	289 755,711	12,639	12,167
19	99 410	21 099,119	264 796,080	12,550	12,078	19	99 535	21 125,743	266 830,559	12,631	12,159
20	99 370	19 438,346	243 696,961	12,537	12,065	20	99 519	19 467,530	245 704,817	12,621	12,149
21	99 329	17 908,133	224 258,615	12,523	12,051	21	99 503	17 939,487	226 237,286	12,611	12,139
22	99 289	16 498,516	206 350,481	12,507	12,035	22	99 486	16 531,282	208 297,799	12,600	12,128
23	99 247	15 199,631	189 851,965	12,491	12,019	23	99 469	15 233,648	191 766,517	12,588	12,117
24	99 205	14 002,990	174 652,334	12,473	12,001	24	99 453	14 037,933	176 532,869	12,575	12,104
25	99 160	12 900,070	160 649,344	12,453	11,982	25	99 436	12 936,061	162 494,936	12,561	12,090
26	99 116	11 884,214	147 749,274	12,432	11,961	26	99 417	11 920,319	149 558,875	12,547	12,075
27	99 072	10 948,366	135 865,060	12,410	11,938	27	99 399	10 984,511	137 638,555	12,530	12,058
28	99 028	10 086,122	124 916,694	12,385	11,913	28	99 379	10 121,850	126 654,044	12,513	12,041
29	98 982	9 291,665	114 830,572	12,358	11,887	29	99 355	9 326,674	116 532,194	12,495	12,023
30	98 933	8 559,522	105 538,907	12,330	11,858	30	99 330	8 593,892	107 205,520	12,475	12,003
31	98 881	7 884,794	96 979,385	12,300	11,828	31	99 302	7 918,397	98 611,629	12,453	11,982
32	98 824	7 262,923	89 094,591	12,267	11,795	32	99 270	7 295,712	90 693,231	12,431	11,959
33	98 764	6 689,849	81 831,669	12,232	11,760	33	99 237	6 721,900	83 397,519	12,407	11,935
34	98 695	6 161,436	75 141,820	12,196	11,724	34	99 202	6 193,130	76 675,619	12,381	11,909
35	98 625	5 674,752	68 980,384	12,156	11,684	35	99 164	5 705,774	70 482,489	12,353	11,881
36	98 551	5 226,238	63 305,632	12,113	11,641	36	99 118	5 256,323	64 776,715	12,324	11,852
37	98 464	4 812,555	58 079,394	12,068	11,597	37	99 071	4 842,227	59 520,392	12,292	11,820
38	98 365	4 431,110	53 266,839	12,021	11,549	38	99 021	4 460,629	54 678,165	12,258	11,786
39	98 266	4 079,823	48 835,729	11,970	11,498	39	98 966	4 108,900	50 217,536	12,222	11,750
40	98 152	3 755,864	44 755,906	11,916	11,444	40	98 901	3 784,541	46 108,636	12,183	11,712
41	98 031	3 457,342	41 000,042	11,859	11,387	41	98 839	3 485,848	42 324,095	12,142	11,670
42	97 888	3 181,867	37 542,700	11,799	11,327	42	98 766	3 210,408	38 838,247	12,098	11,626
43	97 750	2 928,448	34 360,833	11,733	11,262	43	98 687	2 956,514	35 627,839	12,051	11,579
44	97 594	2 694,726	31 432,385	11,664	11,193	44	98 598	2 722,457	32 671,325	12,001	11,529
45	97 425	2 479,313	28 737,659	11,591	11,119	45	98 505	2 506,804	29 948,868	11,947	11,475
46	97 242	2 280,786	26 258,346	11,513	11,041	46	98 399	2 307,933	27 442,064	11,890	11,419
47	97 041	2 097,771	23 977,560	11,430	10,958	47	98 283	2 124,608	25 134,131	11,830	11,358
48	96 815	1 928,922	21 879,789	11,343	10,871	48	98 155	1 955,620	23 009,523	11,766	11,294
49	96 561	1 773,142	19 950,868	11,252	10,780	49	98 006	1 799,680	21 053,903	11,699	11,227

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 8,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	1 629,433	18 177,725	11,156	10,684	50	97 841	1 655,898	19 254,223	11,628	11,156
51	95 968	1 496,956	16 548,292	11,055	10,583	51	97 661	1 523,359	17 598,325	11,552	11,081
52	95 624	1 374,746	15 051,337	10,948	10,477	52	97 458	1 401,102	16 074,965	11,473	11,001
53	95 242	1 261,984	13 676,590	10,837	10,366	53	97 243	1 288,492	14 673,863	11,388	10,917
54	94 812	1 157,869	12 414,606	10,722	10,250	54	97 002	1 184,607	13 385,371	11,299	10,828
55	94 338	1 061,816	11 256,737	10,601	10,130	55	96 735	1 088,796	12 200,765	11,206	10,734
56	93 801	973,067	10 194,921	10,477	10,005	56	96 434	1 000,376	11 111,968	11,108	10,636
57	93 207	891,155	9 221,855	10,348	9,876	57	96 108	918,887	10 111,593	11,004	10,532
58	92 548	815,535	8 330,700	10,215	9,743	58	95 747	843,720	9 192,705	10,895	10,424
59	91 833	745,839	7 515,165	10,076	9,604	59	95 347	774,376	8 348,986	10,782	10,310
60	91 035	681,436	6 769,326	9,934	9,462	60	94 905	710,403	7 574,610	10,662	10,191
61	90 165	622,051	6 087,889	9,787	9,315	61	94 418	651,393	6 864,206	10,538	10,066
62	89 210	567,246	5 465,838	9,636	9,164	62	93 891	597,008	6 212,814	10,407	9,935
63	88 162	516,663	4 898,592	9,481	9,009	63	93 316	546,869	5 615,806	10,269	9,797
64	87 020	470,018	4 381,930	9,323	8,851	64	92 685	500,620	5 068,936	10,125	9,654
65	85 790	427,074	3 911,912	9,160	8,688	65	91 999	457,982	4 568,316	9,975	9,503
66	84 473	387,574	3 484,838	8,991	8,520	66	91 261	418,721	4 110,334	9,816	9,345
67	83 054	351,210	3 097,265	8,819	8,347	67	90 462	382,538	3 691,613	9,650	9,179
68	81 552	317,843	2 746,055	8,640	8,168	68	89 616	349,270	3 309,075	9,474	9,002
69	79 951	287,190	2 428,212	8,455	7,983	69	88 701	318,623	2 959,805	9,289	8,818
70	78 265	259,111	2 141,022	8,263	7,791	70	87 677	290,271	2 641,181	9,099	8,627
71	76 503	233,436	1 881,911	8,062	7,590	71	86 577	264,173	2 350,910	8,899	8,427
72	74 595	209,783	1 648,475	7,858	7,386	72	85 381	240,114	2 086,736	8,691	8,219
73	72 635	188,266	1 438,692	7,642	7,170	73	84 104	217,995	1 846,622	8,471	7,999
74	70 541	168,515	1 250,426	7,420	6,948	74	82 697	197,555	1 628,627	8,244	7,772
75	68 341	150,470	1 081,911	7,190	6,718	75	81 192	178,766	1 431,072	8,005	7,533
76	66 001	133,934	931,441	6,954	6,483	76	79 559	161,446	1 252,306	7,757	7,285
77	63 529	118,819	797,507	6,712	6,240	77	77 797	145,503	1 090,860	7,497	7,025
78	60 972	105,101	678,688	6,457	5,986	78	75 934	130,893	945,358	7,222	6,751
79	58 245	92,536	573,587	6,199	5,727	79	73 868	117,357	814,464	6,940	6,468
80	55 363	81,067	481,051	5,934	5,462	80	71 592	104,831	697,107	6,650	6,178
81	52 275	70,548	399,984	5,670	5,198	81	69 068	93,211	592,277	6,354	5,882
82	49 023	60,977	329,436	5,403	4,931	82	66 277	82,437	499,065	6,054	5,582
83	45 621	52,299	268,460	5,133	4,661	83	63 161	72,408	416,628	5,754	5,282
84	42 017	44,394	216,160	4,869	4,397	84	59 675	63,052	344,221	5,459	4,988
85	38 253	37,251	171,766	4,611	4,139	85	55 869	54,405	281,169	5,168	4,696
86	34 355	30,834	134,515	4,363	3,891	86	51 751	46,448	226,764	4,882	4,410
87	30 415	25,160	103,681	4,121	3,649	87	47 338	39,158	180,316	4,605	4,133
88	26 491	20,197	78,521	3,888	3,416	88	42 647	32,514	141,158	4,341	3,870
89	22 604	15,883	58,324	3,672	3,200	89	37 815	26,572	108,644	4,089	3,617
90	18 870	12,221	42,441	3,473	3,001	90	32 944	21,336	82,072	3,847	3,375
91	15 409	9,198	30,221	3,286	2,814	91	28 098	16,771	60,736	3,621	3,150
92	12 317	6,776	21,023	3,103	2,631	92	23 435	12,893	43,965	3,410	2,938
93	9 559	4,847	14,247	2,940	2,468	93	19 031	9,649	31,073	3,220	2,748
94	7 217	3,373	9,401	2,787	2,315	94	15 045	7,031	21,423	3,047	2,575
95	5 269	2,270	6,028	2,656	2,184	95	11 593	4,993	14,393	2,883	2,411
96	3 736	1,483	3,758	2,534	2,062	96	8 645	3,432	9,400	2,739	2,267
97	2 561	0,937	2,275	2,428	1,956	97	6 230	2,279	5,968	2,618	2,146
98	1 708	0,576	1,338	2,323	1,851	98	4 394	1,482	3,689	2,490	2,018
99	1 107	0,344	0,762	2,215	1,743	99	2 992	0,930	2,207	2,373	1,902
100	686	0,196	0,418	2,129	1,657	100	1 965	0,563	1,277	2,269	1,797

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 8,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 233 765,297	12,338	11,865	0	100 000	100 000,000	1 236 121,542	12,361	11,889
1	99 661	91 642,669	1 133 765,297	12,372	11,899	1	99 711	91 688,104	1 136 121,542	12,391	11,919
2	99 637	84 248,755	1 042 122,628	12,370	11,897	2	99 689	84 292,148	1 044 433,438	12,391	11,918
3	99 624	77 459,814	957 873,873	12,366	11,894	3	99 676	77 499,836	960 141,290	12,389	11,917
4	99 612	71 218,972	880 414,059	12,362	11,890	4	99 666	71 257,112	882 641,454	12,387	11,915
5	99 601	65 481,238	809 195,086	12,358	11,885	5	99 656	65 517,750	811 384,342	12,384	11,912
6	99 592	60 207,160	743 713,849	12,353	11,880	6	99 650	60 242,113	745 866,592	12,381	11,909
7	99 583	55 357,921	683 506,688	12,347	11,875	7	99 642	55 391,002	685 624,479	12,378	11,906
8	99 573	50 898,888	628 148,767	12,341	11,869	8	99 638	50 931,829	630 233,477	12,374	11,902
9	99 566	46 800,011	577 249,879	12,334	11,862	9	99 630	46 830,490	579 301,648	12,370	11,898
10	99 558	43 031,039	530 449,868	12,327	11,855	10	99 625	43 060,231	532 471,158	12,366	11,894
11	99 550	39 565,825	487 418,829	12,319	11,847	11	99 620	39 593,413	489 410,927	12,361	11,889
12	99 543	36 379,853	447 853,005	12,310	11,838	12	99 612	36 404,937	449 817,513	12,356	11,884
13	99 535	33 449,777	411 473,152	12,301	11,829	13	99 606	33 473,688	413 412,576	12,350	11,878
14	99 525	30 755,557	378 023,375	12,291	11,819	14	99 598	30 777,970	379 938,888	12,345	11,872
15	99 513	28 277,478	347 267,818	12,281	11,809	15	99 589	28 298,971	349 160,918	12,338	11,866
16	99 497	25 998,238	318 990,339	12,270	11,798	16	99 577	26 019,030	320 861,947	12,332	11,860
17	99 475	23 900,959	292 992,102	12,259	11,786	17	99 564	23 922,486	294 842,918	12,325	11,853
18	99 448	21 972,033	269 091,143	12,247	11,775	18	99 551	21 994,836	270 920,432	12,317	11,845
19	99 410	20 196,369	247 119,110	12,236	11,764	19	99 535	20 221,854	248 925,596	12,310	11,838
20	99 370	18 563,880	226 922,741	12,224	11,752	20	99 519	18 591,752	228 703,742	12,301	11,829
21	99 329	17 063,191	208 358,861	12,211	11,739	21	99 503	17 093,065	210 111,991	12,292	11,820
22	99 289	15 683,944	191 295,670	12,197	11,725	22	99 486	15 715,092	193 018,925	12,282	11,810
23	99 247	14 415,972	175 611,726	12,182	11,710	23	99 469	14 448,235	177 303,833	12,272	11,799
24	99 205	13 250,496	161 195,754	12,165	11,693	24	99 453	13 283,560	162 855,598	12,260	11,788
25	99 160	12 178,783	147 945,259	12,148	11,676	25	99 436	12 212,762	149 572,038	12,247	11,775
26	99 116	11 193,934	135 766,476	12,129	11,656	26	99 417	11 227,942	137 359,276	12,234	11,762
27	99 072	10 288,737	124 572,542	12,108	11,635	27	99 399	10 322,704	126 131,334	12,219	11,747
28	99 028	9 456,653	114 283,805	12,085	11,613	28	99 379	9 490,151	115 808,629	12,203	11,731
29	98 982	8 691,750	104 827,152	12,061	11,588	29	99 355	8 724,499	106 318,478	12,186	11,714
30	98 933	7 988,471	96 135,402	12,034	11,562	30	99 330	8 020,548	97 593,979	12,168	11,696
31	98 881	7 341,841	88 146,930	12,006	11,534	31	99 302	7 373,131	89 573,431	12,149	11,676
32	98 824	6 747,246	80 805,089	11,976	11,504	32	99 270	6 777,707	82 200,300	12,128	11,656
33	98 764	6 200,574	74 057,843	11,944	11,472	33	99 237	6 230,281	75 422,593	12,106	11,634
34	98 695	5 697,680	67 857,269	11,910	11,437	34	99 202	5 726,988	69 192,312	12,082	11,610
35	98 625	5 235,564	62 159,590	11,873	11,400	35	99 164	5 264,185	63 465,324	12,056	11,584
36	98 551	4 810,677	56 924,026	11,833	11,361	36	99 118	4 838,370	58 201,139	12,029	11,557
37	98 464	4 419,704	52 113,349	11,791	11,319	37	99 071	4 446,954	53 362,770	12,000	11,528
38	98 365	4 060,042	47 693,645	11,747	11,275	38	99 021	4 087,088	48 915,816	11,968	11,496
39	98 266	3 729,578	43 633,603	11,699	11,227	39	98 966	3 756,160	44 828,727	11,935	11,463
40	98 152	3 425,538	39 904,025	11,649	11,177	40	98 901	3 451,693	41 072,568	11,899	11,427
41	98 031	3 146,021	36 478,487	11,595	11,123	41	98 839	3 171,961	37 620,875	11,860	11,388
42	97 888	2 888,696	33 332,466	11,539	11,067	42	98 766	2 914,608	34 448,914	11,819	11,347
43	97 750	2 652,515	30 443,770	11,477	11,005	43	98 687	2 677,937	31 534,307	11,776	11,303
44	97 594	2 435,205	27 791,255	11,412	10,940	44	98 598	2 460,265	28 856,370	11,729	11,257
45	97 425	2 235,386	25 356,050	11,343	10,871	45	98 505	2 260,173	26 396,106	11,679	11,207
46	97 242	2 051,664	23 120,664	11,269	10,797	46	98 399	2 076,084	24 135,933	11,626	11,154
47	97 041	1 882,696	21 069,000	11,191	10,719	47	98 283	1 906,782	22 059,849	11,569	11,097
48	96 815	1 727,179	19 186,303	11,108	10,636	48	98 155	1 751,085	20 153,067	11,509	11,037
49	96 561	1 584,042	17 459,125	11,022	10,550	49	98 006	1 607,750	18 401,982	11,446	10,974

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 8,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	1 452,313	15 875,083	10,931	10,459	50	97 841	1 475,901	16 794,232	11,379	10,907
51	95 968	1 331,169	14 422,770	10,835	10,362	51	97 661	1 354,648	15 318,331	11,308	10,836
52	95 624	1 219,684	13 091,601	10,734	10,261	52	97 458	1 243,067	13 963,683	11,233	10,761
53	95 242	1 117,066	11 871,918	10,628	10,156	53	97 243	1 140,530	12 720,617	11,153	10,681
54	94 812	1 022,551	10 754,851	10,518	10,045	54	97 002	1 046,164	11 580,087	11,069	10,597
55	94 338	935,567	9 732,300	10,403	9,930	55	96 735	959,340	10 533,923	10,980	10,508
56	93 801	855,400	8 796,733	10,284	9,812	56	96 434	879,406	9 574,583	10,888	10,415
57	93 207	781,592	7 941,333	10,160	9,688	57	96 108	805,915	8 695,176	10,789	10,317
58	92 548	713,625	7 159,741	10,033	9,561	58	95 747	738,288	7 889,261	10,686	10,214
59	91 833	651,138	6 446,116	9,900	9,428	59	95 347	676,052	7 150,974	10,578	10,105
60	91 035	593,545	5 794,978	9,763	9,291	60	94 905	618,776	6 474,922	10,464	9,992
61	90 165	540,574	5 201,433	9,622	9,150	61	94 418	566,072	5 856,147	10,345	9,873
62	89 210	491,814	4 660,860	9,477	9,005	62	93 891	517,618	5 290,075	10,220	9,748
63	88 162	446,927	4 169,046	9,328	8,856	63	93 316	473,057	4 772,456	10,089	9,616
64	87 020	405,644	3 722,119	9,176	8,704	64	92 685	432,054	4 299,399	9,951	9,479
65	85 790	367,734	3 316,475	9,019	8,547	65	91 999	394,348	3 867,345	9,807	9,335
66	84 473	332,955	2 948,741	8,856	8,384	66	91 261	359,713	3 472,997	9,655	9,183
67	83 054	301,022	2 615,787	8,690	8,218	67	90 462	327,874	3 113,285	9,495	9,023
68	81 552	271,797	2 314,765	8,517	8,044	68	89 616	298,672	2 785,411	9,326	8,854
69	79 951	245,020	2 042,968	8,338	7,866	69	88 701	271,838	2 486,739	9,148	8,676
70	78 265	220,556	1 797,947	8,152	7,680	70	87 677	247,080	2 214,901	8,964	8,492
71	76 503	198,245	1 577,392	7,957	7,485	71	86 577	224,348	1 967,821	8,771	8,299
72	74 595	177,748	1 379,147	7,759	7,287	72	85 381	203,447	1 743,473	8,570	8,097
73	72 635	159,150	1 201,399	7,549	7,077	73	84 104	184,282	1 540,026	8,357	7,885
74	70 541	142,126	1 042,249	7,333	6,861	74	82 697	166,618	1 355,745	8,137	7,665
75	68 341	126,615	900,123	7,109	6,637	75	81 192	150,425	1 189,126	7,905	7,433
76	66 001	112,441	773,508	6,879	6,407	76	79 559	135,539	1 038,701	7,664	7,191
77	63 529	99,523	661,066	6,642	6,170	77	77 797	121,873	903,163	7,411	6,939
78	60 972	87,830	561,544	6,394	5,921	78	75 934	109,384	781,290	7,143	6,670
79	58 245	77,152	473,713	6,140	5,668	79	73 868	97,847	671,905	6,867	6,395
80	55 363	67,434	396,562	5,881	5,409	80	71 592	87,202	574,059	6,583	6,111
81	52 275	58,549	329,127	5,621	5,149	81	69 068	77,358	486,857	6,294	5,821
82	49 023	50,490	270,578	5,359	4,887	82	66 277	68,259	409,499	5,999	5,527
83	45 621	43,205	220,088	5,094	4,622	83	63 161	59,817	341,239	5,705	5,233
84	42 017	36,590	176,883	4,834	4,362	84	59 675	51,968	281,423	5,415	4,943
85	38 253	30,632	140,292	4,580	4,108	85	55 869	44,738	229,455	5,129	4,657
86	34 355	25,297	109,660	4,335	3,863	86	51 751	38,107	184,716	4,847	4,375
87	30 415	20,594	84,363	4,096	3,624	87	47 338	32,053	146,609	4,574	4,102
88	26 491	16,494	63,769	3,866	3,394	88	42 647	26,553	114,556	4,314	3,842
89	22 604	12,941	47,275	3,653	3,181	89	37 815	21,650	88,003	4,065	3,593
90	18 870	9,934	34,334	3,456	2,984	90	32 944	17,344	66,353	3,826	3,354
91	15 409	7,460	24,399	3,271	2,799	91	28 098	13,602	49,009	3,603	3,131
92	12 317	5,483	16,940	3,090	2,617	92	23 435	10,432	35,407	3,394	2,922
93	9 559	3,913	11,457	2,928	2,456	93	19 031	7,790	24,975	3,206	2,734
94	7 217	2,717	7,544	2,777	2,305	94	15 045	5,663	17,185	3,035	2,562
95	5 269	1,824	4,827	2,647	2,175	95	11 593	4,012	11,522	2,872	2,399
96	3 736	1,189	3,004	2,526	2,054	96	8 645	2,751	7,510	2,729	2,257
97	2 561	0,750	1,814	2,421	1,949	97	6 230	1,823	4,758	2,610	2,137
98	1 708	0,460	1,065	2,316	1,844	98	4 394	1,182	2,935	2,482	2,010
99	1 107	0,274	0,605	2,209	1,737	99	2 992	0,740	1,752	2,366	1,894
100	686	0,156	0,331	2,123	1,651	100	1 965	0,447	1,012	2,263	1,791

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 9,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 202 720,662	12,027	11,555	0	100 000	100 000,000	1 204 868,176	12,049	11,576
1	99 661	91 432,479	1 102 720,662	12,060	11,588	1	99 711	91 477,810	1 104 868,176	12,078	11,605
2	99 637	83 862,736	1 011 288,183	12,059	11,586	2	99 689	83 905,930	1 013 390,366	12,078	11,605
3	99 624	76 928,055	927 425,447	12,056	11,583	3	99 676	76 967,803	929 484,435	12,076	11,604
4	99 612	70 567,832	850 497,392	12,052	11,580	4	99 666	70 605,623	852 516,633	12,074	11,602
5	99 601	64 733,743	779 929,560	12,048	11,576	5	99 656	64 769,838	781 911,010	12,072	11,600
6	99 592	59 383,358	715 195,817	12,044	11,571	6	99 650	59 417,832	717 141,172	12,069	11,597
7	99 583	54 475,239	655 812,459	12,039	11,566	7	99 642	54 507,793	657 723,339	12,067	11,594
8	99 573	49 972,427	601 337,220	12,033	11,561	8	99 638	50 004,767	603 215,547	12,063	11,591
9	99 566	45 842,771	551 364,794	12,027	11,555	9	99 630	45 872,627	553 210,779	12,060	11,587
10	99 558	42 054,213	505 522,022	12,021	11,548	10	99 625	42 082,742	507 338,152	12,056	11,583
11	99 550	38 578,973	463 467,810	12,013	11,541	11	99 620	38 605,874	465 255,410	12,051	11,579
12	99 543	35 391,107	424 888,837	12,006	11,533	12	99 612	35 415,509	426 649,535	12,047	11,574
13	99 535	32 466,031	389 497,729	11,997	11,525	13	99 606	32 489,240	391 234,026	12,042	11,569
14	99 525	29 782,582	357 031,698	11,988	11,515	14	99 598	29 804,286	358 744,787	12,037	11,564
15	99 513	27 320,094	327 249,116	11,978	11,506	15	99 589	27 340,859	328 940,501	12,031	11,559
16	99 497	25 060,411	299 929,021	11,968	11,496	16	99 577	25 080,453	301 599,641	12,025	11,553
17	99 475	22 985,945	274 868,610	11,958	11,486	17	99 564	23 006,648	276 519,188	12,019	11,547
18	99 448	21 082,401	251 882,665	11,948	11,475	18	99 551	21 104,280	253 512,540	12,012	11,540
19	99 410	19 334,186	230 800,264	11,937	11,465	19	99 535	19 358,582	232 408,260	12,005	11,533
20	99 370	17 730,628	211 466,078	11,927	11,454	20	99 519	17 757,248	213 049,677	11,998	11,525
21	99 329	16 259,919	193 735,451	11,915	11,442	21	99 503	16 288,387	195 292,429	11,990	11,517
22	99 289	14 911,323	177 475,532	11,902	11,430	22	99 486	14 940,937	179 004,043	11,981	11,508
23	99 247	13 674,378	162 564,209	11,888	11,416	23	99 469	13 704,982	164 063,106	11,971	11,498
24	99 205	12 540,029	148 889,831	11,873	11,401	24	99 453	12 571,321	150 358,125	11,960	11,488
25	99 160	11 499,344	136 349,802	11,857	11,385	25	99 436	11 531,428	137 786,803	11,949	11,476
26	99 116	10 545,197	124 850,458	11,840	11,367	26	99 417	10 577,235	126 255,376	11,937	11,464
27	99 072	9 670,230	114 305,261	11,820	11,348	27	99 399	9 702,155	115 678,141	11,923	11,450
28	99 028	8 867,780	104 635,031	11,799	11,327	28	99 379	8 899,193	105 975,986	11,908	11,436
29	98 982	8 131,815	95 767,250	11,777	11,304	29	99 355	8 162,454	97 076,793	11,893	11,421
30	98 933	7 456,701	87 635,435	11,753	11,280	30	99 330	7 486,642	88 914,339	11,876	11,404
31	98 881	6 837,397	80 178,734	11,726	11,254	31	99 302	6 866,537	81 427,697	11,859	11,386
32	98 824	6 269,243	73 341,337	11,699	11,226	32	99 270	6 297,546	74 561,160	11,840	11,367
33	98 764	5 748,085	67 072,094	11,669	11,196	33	99 237	5 775,625	68 263,614	11,819	11,347
34	98 695	5 269,776	61 324,009	11,637	11,164	34	99 202	5 296,883	62 487,989	11,797	11,325
35	98 625	4 831,259	56 054,233	11,602	11,130	35	99 164	4 857,670	57 191,106	11,773	11,301
36	98 551	4 429,001	51 222,974	11,565	11,093	36	99 118	4 454,497	52 333,436	11,748	11,276
37	98 464	4 059,716	46 793,973	11,526	11,054	37	99 071	4 084,746	47 878,939	11,721	11,249
38	98 365	3 720,794	42 734,257	11,485	11,013	38	99 021	3 745,581	43 794,193	11,692	11,220
39	98 266	3 410,104	39 013,463	11,441	10,968	39	98 966	3 434,409	40 048,612	11,661	11,188
40	98 152	3 124,924	35 603,359	11,393	10,921	40	98 901	3 148,784	36 614,204	11,628	11,155
41	98 031	2 863,355	32 478,435	11,343	10,870	41	98 839	2 886,963	33 465,420	11,592	11,119
42	97 888	2 623,120	29 615,080	11,290	10,817	42	98 766	2 646,649	30 578,457	11,554	11,081
43	97 750	2 403,128	26 991,960	11,232	10,759	43	98 687	2 426,159	27 931,808	11,513	11,040
44	97 594	2 201,188	24 588,833	11,171	10,698	44	98 598	2 223,840	25 505,649	11,469	10,997
45	97 425	2 015,938	22 387,644	11,105	10,633	45	98 505	2 038,291	23 281,808	11,422	10,950
46	97 242	1 846,008	20 371,706	11,036	10,563	46	98 399	1 867,980	21 243,517	11,372	10,900
47	97 041	1 690,092	18 525,698	10,961	10,489	47	98 283	1 711,714	19 375,537	11,319	10,847
48	96 815	1 546,928	16 835,606	10,883	10,411	48	98 155	1 568,339	17 663,823	11,263	10,790
49	96 561	1 415,475	15 288,678	10,801	10,329	49	98 006	1 436,660	16 095,484	11,203	10,731

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 9,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	1 294,788	13 873,203	10,715	10,242	50	97 841	1 315,817	14 658,824	11,140	10,668
51	95 968	1 184,061	12 578,415	10,623	10,151	51	97 661	1 204,946	13 343,006	11,074	10,601
52	95 624	1 082,408	11 394,354	10,527	10,054	52	97 458	1 103,160	12 138,060	11,003	10,530
53	95 242	989,067	10 311,945	10,426	9,953	53	97 243	1 009,842	11 034,901	10,927	10,455
54	94 812	903,305	9 322,879	10,321	9,848	54	97 002	924,164	10 025,059	10,848	10,375
55	94 338	824,570	8 419,574	10,211	9,738	55	96 735	845,522	9 100,895	10,764	10,291
56	93 801	752,184	7 595,004	10,097	9,625	56	96 434	773,294	8 255,373	10,676	10,203
57	93 207	685,706	6 842,820	9,979	9,507	57	96 108	707,045	7 482,079	10,582	10,110
58	92 548	624,641	6 157,114	9,857	9,384	58	95 747	646,228	6 775,034	10,484	10,011
59	91 833	568,639	5 532,473	9,729	9,257	59	95 347	590,396	6 128,806	10,381	9,908
60	91 035	517,154	4 963,834	9,598	9,126	60	94 905	539,137	5 538,410	10,273	9,800
61	90 165	469,920	4 446,681	9,463	8,990	61	94 418	492,085	4 999,273	10,159	9,687
62	89 210	426,552	3 976,761	9,323	8,850	62	93 891	448,933	4 507,187	10,040	9,567
63	88 162	386,733	3 550,209	9,180	8,707	63	93 316	409,343	4 058,255	9,914	9,442
64	87 020	350,205	3 163,476	9,033	8,561	64	92 685	373,006	3 648,911	9,782	9,310
65	85 790	316,748	2 813,271	8,882	8,409	65	91 999	339,672	3 275,906	9,644	9,172
66	84 473	286,133	2 496,524	8,725	8,252	66	91 261	309,128	2 936,234	9,498	9,026
67	83 054	258,097	2 210,391	8,564	8,092	67	90 462	281,120	2 627,106	9,345	8,873
68	81 552	232,505	1 952,293	8,397	7,924	68	89 616	255,495	2 345,986	9,182	8,710
69	79 951	209,119	1 719,788	8,224	7,751	69	88 701	232,007	2 090,491	9,010	8,538
70	78 265	187,807	1 510,669	8,044	7,571	70	87 677	210,393	1 858,484	8,833	8,361
71	76 503	168,422	1 322,862	7,854	7,382	71	86 577	190,598	1 648,091	8,647	8,174
72	74 595	150,662	1 154,440	7,662	7,190	72	85 381	172,445	1 457,493	8,452	7,979
73	72 635	134,589	1 003,778	7,458	6,986	73	84 104	155,842	1 285,048	8,246	7,773
74	70 541	119,916	869,189	7,248	6,776	74	82 697	140,581	1 129,206	8,032	7,560
75	68 341	106,584	749,273	7,030	6,557	75	81 192	126,627	988,625	7,807	7,335
76	66 001	94,436	642,689	6,806	6,333	76	79 559	113,834	861,997	7,572	7,100
77	63 529	83,394	548,253	6,574	6,102	77	77 797	102,122	748,163	7,326	6,854
78	60 972	73,428	464,859	6,331	5,858	78	75 934	91,447	646,041	7,065	6,592
79	58 245	64,352	391,431	6,083	5,610	79	73 868	81,614	554,593	6,795	6,323
80	55 363	56,118	327,079	5,828	5,356	80	71 592	72,568	472,979	6,518	6,045
81	52 275	48,612	270,961	5,574	5,101	81	69 068	64,229	400,411	6,234	5,762
82	49 023	41,824	222,348	5,316	4,844	82	66 277	56,544	336,182	5,945	5,473
83	45 621	35,708	180,524	5,056	4,583	83	63 161	49,437	279,638	5,656	5,184
84	42 017	30,172	144,816	4,800	4,327	84	59 675	42,852	230,201	5,372	4,899
85	38 253	25,201	114,644	4,549	4,077	85	55 869	36,806	187,349	5,090	4,618
86	34 355	20,764	89,443	4,308	3,835	86	51 751	31,278	150,543	4,813	4,340
87	30 415	16,865	68,679	4,072	3,600	87	47 338	26,249	119,265	4,544	4,071
88	26 491	13,476	51,814	3,845	3,372	88	42 647	21,695	93,016	4,287	3,815
89	22 604	10,549	38,338	3,634	3,162	89	37 815	17,648	71,321	4,041	3,569
90	18 870	8,079	27,789	3,439	2,967	90	32 944	14,106	53,673	3,805	3,332
91	15 409	6,053	19,710	3,256	2,784	91	28 098	11,037	39,567	3,585	3,112
92	12 317	4,439	13,657	3,077	2,604	92	23 435	8,446	28,530	3,378	2,905
93	9 559	3,160	9,218	2,917	2,444	93	19 031	6,292	20,084	3,192	2,719
94	7 217	2,189	6,057	2,767	2,294	94	15 045	4,563	13,792	3,022	2,550
95	5 269	1,466	3,868	2,638	2,165	95	11 593	3,226	9,229	2,861	2,388
96	3 736	0,954	2,402	2,518	2,045	96	8 645	2,207	6,003	2,720	2,247
97	2 561	0,600	1,448	2,414	1,941	97	6 230	1,459	3,796	2,601	2,128
98	1 708	0,367	0,848	2,310	1,837	98	4 394	0,944	2,336	2,474	2,002
99	1 107	0,218	0,481	2,204	1,731	99	2 992	0,590	1,392	2,360	1,887
100	686	0,124	0,263	2,118	1,646	100	1 965	0,355	0,802	2,257	1,784

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 9,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 173 299,349	11,733	11,260	0	100 000	100 000,000	1 175 263,701	11,753	11,280
1	99 661	91 223,252	1 073 299,349	11,766	11,293	1	99 711	91 268,479	1 075 263,701	11,781	11,308
2	99 637	83 479,364	982 076,097	11,764	11,291	2	99 689	83 522,361	983 995,222	11,781	11,308
3	99 624	76 401,153	898 596,733	11,762	11,289	3	99 676	76 440,628	900 472,862	11,780	11,307
4	99 612	69 924,116	822 195,580	11,758	11,285	4	99 666	69 961,562	824 032,234	11,778	11,305
5	99 601	63 996,464	752 271,465	11,755	11,282	5	99 656	64 032,148	754 070,672	11,776	11,304
6	99 592	58 572,676	688 275,000	11,751	11,278	6	99 650	58 606,680	690 038,523	11,774	11,301
7	99 583	53 608,606	629 702,325	11,746	11,273	7	99 642	53 640,641	631 431,844	11,772	11,299
8	99 573	49 064,893	576 093,719	11,741	11,269	8	99 638	49 096,647	577 791,202	11,768	11,296
9	99 566	44 907,237	527 028,826	11,736	11,263	9	99 630	44 936,484	528 694,556	11,765	11,292
10	99 558	41 101,723	482 121,589	11,730	11,257	10	99 625	41 129,607	483 758,072	11,762	11,289
11	99 550	37 618,913	441 019,866	11,723	11,250	11	99 620	37 645,144	442 628,465	11,758	11,285
12	99 543	34 431,408	403 400,953	11,716	11,243	12	99 612	34 455,148	404 983,321	11,754	11,281
13	99 535	31 513,373	368 969,545	11,708	11,235	13	99 606	31 535,900	370 528,173	11,749	11,276
14	99 525	28 842,512	337 456,173	11,700	11,227	14	99 598	28 863,531	338 992,274	11,745	11,272
15	99 513	26 397,207	308 613,661	11,691	11,218	15	99 589	26 417,270	310 128,743	11,740	11,267
16	99 497	24 158,448	282 216,454	11,682	11,209	16	99 577	24 177,768	283 711,472	11,734	11,261
17	99 475	22 107,939	258 058,006	11,673	11,200	17	99 564	22 127,851	259 533,704	11,729	11,256
18	99 448	20 230,704	235 950,067	11,663	11,190	18	99 551	20 251,700	237 405,853	11,723	11,250
19	99 410	18 510,659	215 719,362	11,654	11,181	19	99 535	18 534,016	217 154,153	11,717	11,244
20	99 370	16 936,558	197 208,703	11,644	11,171	20	99 519	16 961,986	198 620,136	11,710	11,237
21	99 329	15 496,173	180 272,145	11,633	11,160	21	99 503	15 523,304	181 658,150	11,702	11,229
22	99 289	14 178,403	164 775,972	11,622	11,149	22	99 486	14 206,561	166 134,846	11,694	11,221
23	99 247	12 972,503	150 597,569	11,609	11,136	23	99 469	13 001,536	151 928,284	11,685	11,212
24	99 205	11 869,155	137 625,066	11,595	11,122	24	99 453	11 898,773	138 926,748	11,676	11,203
25	99 160	10 859,239	125 755,911	11,581	11,108	25	99 436	10 889,536	127 027,976	11,665	11,192
26	99 116	9 935,416	114 896,672	11,564	11,091	26	99 417	9 965,601	116 138,439	11,654	11,181
27	99 072	9 090,195	104 961,256	11,547	11,074	27	99 399	9 120,206	106 172,838	11,641	11,169
28	99 028	8 316,803	95 871,061	11,527	11,054	28	99 379	8 346,263	97 052,633	11,628	11,155
29	98 982	7 609,113	87 554,258	11,506	11,034	29	99 355	7 637,782	88 706,369	11,614	11,141
30	98 933	6 961,427	79 945,145	11,484	11,011	30	99 330	6 989,380	81 068,587	11,599	11,126
31	98 881	6 368,651	72 983,718	11,460	10,987	31	99 302	6 395,793	74 079,207	11,582	11,110
32	98 824	5 826,084	66 615,067	11,434	10,961	32	99 270	5 852,387	67 683,415	11,565	11,092
33	98 764	5 329,543	60 788,983	11,406	10,933	33	99 237	5 355,077	61 831,027	11,546	11,073
34	98 695	4 874,880	55 459,440	11,377	10,904	34	99 202	4 899,955	56 475,951	11,526	11,053
35	98 625	4 458,997	50 584,560	11,344	10,871	35	99 164	4 483,373	51 575,995	11,504	11,031
36	98 551	4 078,380	46 125,564	11,310	10,837	36	99 118	4 101,857	47 092,623	11,481	11,008
37	98 464	3 729,774	42 047,184	11,273	10,800	37	99 071	3 752,770	42 990,765	11,456	10,983
38	98 365	3 410,575	38 317,410	11,235	10,762	38	99 021	3 433,295	39 237,995	11,429	10,956
39	98 266	3 118,636	34 906,834	11,193	10,720	39	98 966	3 140,863	35 804,700	11,400	10,927
40	98 152	2 851,291	31 788,198	11,149	10,676	40	98 901	2 873,061	32 663,836	11,369	10,896
41	98 031	2 606,647	28 936,907	11,101	10,628	41	98 839	2 628,139	29 790,775	11,335	10,862
42	97 888	2 382,486	26 330,260	11,052	10,579	42	98 766	2 403,856	27 162,635	11,300	10,827
43	97 750	2 177,680	23 947,774	10,997	10,524	43	98 687	2 198,551	24 758,779	11,261	10,788
44	97 594	1 990,121	21 770,094	10,939	10,466	44	98 598	2 010,601	22 560,228	11,221	10,748
45	97 425	1 818,463	19 779,972	10,877	10,404	45	98 505	1 838,626	20 549,627	11,177	10,704
46	97 242	1 661,369	17 961,510	10,811	10,338	46	98 399	1 681,143	18 711,000	11,130	10,657
47	97 041	1 517,567	16 300,141	10,741	10,268	47	98 283	1 536,981	17 029,857	11,080	10,607
48	96 815	1 385,838	14 782,574	10,667	10,194	48	98 155	1 405,020	15 492,876	11,027	10,554
49	96 561	1 265,173	13 396,736	10,589	10,116	49	98 006	1 284,108	14 087,856	10,971	10,498

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 9,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	1 154,652	12 131,563	10,507	10,034	50	97 841	1 173,406	12 803,748	10,912	10,439
51	95 968	1 053,494	10 976,910	10,420	9,947	51	97 661	1 072,075	11 630,342	10,848	10,376
52	95 624	960,846	9 923,417	10,328	9,855	52	97 458	979,267	10 558,267	10,782	10,309
53	95 242	875,979	8 962,571	10,231	9,759	53	97 243	894,378	9 579,000	10,710	10,237
54	94 812	798,192	8 086,592	10,131	9,658	54	97 002	816,624	8 684,622	10,635	10,162
55	94 338	726,951	7 288,401	10,026	9,553	55	96 735	745,423	7 867,998	10,555	10,082
56	93 801	661,617	6 561,450	9,917	9,444	56	96 434	680,186	7 122,575	10,472	9,999
57	93 207	601,764	5 899,832	9,804	9,331	57	96 108	620,490	6 442,389	10,383	9,910
58	92 548	546,920	5 298,068	9,687	9,214	58	95 747	565,821	5 821,899	10,289	9,816
59	91 833	496,746	4 751,149	9,565	9,092	59	95 347	515,752	5 256,078	10,191	9,718
60	91 035	450,736	4 254,403	9,439	8,966	60	94 905	469,897	4 740,326	10,088	9,615
61	90 165	408,632	3 803,666	9,308	8,835	61	94 418	427,906	4 270,429	9,980	9,507
62	89 210	370,071	3 395,035	9,174	8,701	62	93 891	389,488	3 842,523	9,866	9,393
63	88 162	334,757	3 024,963	9,036	8,563	63	93 316	354,328	3 453,034	9,745	9,272
64	87 020	302,444	2 690,206	8,895	8,422	64	92 685	322,136	3 098,706	9,619	9,146
65	85 790	272,924	2 387,762	8,749	8,276	65	91 999	292,676	2 776,570	9,487	9,014
66	84 473	245,981	2 114,838	8,598	8,125	66	91 261	265,749	2 483,894	9,347	8,874
67	83 054	221,372	1 868,857	8,442	7,969	67	90 462	241,118	2 218,145	9,199	8,726
68	81 552	198,965	1 647,486	8,280	7,807	68	89 616	218,638	1 977,026	9,042	8,570
69	79 951	178,542	1 448,521	8,113	7,640	69	88 701	198,084	1 758,388	8,877	8,404
70	78 265	159,980	1 269,978	7,938	7,465	70	87 677	179,219	1 560,304	8,706	8,233
71	76 503	143,138	1 109,998	7,755	7,282	71	86 577	161,986	1 381,085	8,526	8,053
72	74 595	127,752	966,860	7,568	7,095	72	85 381	146,223	1 219,099	8,337	7,864
73	72 635	113,862	839,108	7,370	6,897	73	84 104	131,842	1 072,876	8,138	7,665
74	70 541	101,217	725,246	7,165	6,692	74	82 697	118,659	941,034	7,931	7,458
75	68 341	89,758	624,029	6,952	6,479	75	81 192	106,637	822,375	7,712	7,239
76	66 001	79,345	534,271	6,734	6,261	76	79 559	95,644	715,739	7,483	7,010
77	63 529	69,907	454,926	6,508	6,035	77	77 797	85,607	620,094	7,244	6,771
78	60 972	61,412	385,019	6,269	5,796	78	75 934	76,483	534,488	6,988	6,515
79	58 245	53,699	323,607	6,026	5,553	79	73 868	68,103	458,005	6,725	6,252
80	55 363	46,720	269,908	5,777	5,304	80	71 592	60,416	389,902	6,454	5,981
81	52 275	40,379	223,187	5,527	5,054	81	69 068	53,351	329,486	6,176	5,703
82	49 023	34,661	182,808	5,274	4,801	82	66 277	46,860	276,135	5,893	5,420
83	45 621	29,525	148,147	5,018	4,545	83	63 161	40,876	229,275	5,609	5,136
84	42 017	24,890	118,622	4,766	4,293	84	59 675	35,350	188,399	5,329	4,857
85	38 253	20,742	93,732	4,519	4,046	85	55 869	30,293	153,049	5,052	4,579
86	34 355	17,051	72,991	4,281	3,808	86	51 751	25,685	122,755	4,779	4,306
87	30 415	13,817	55,940	4,049	3,576	87	47 338	21,505	97,071	4,514	4,041
88	26 491	11,016	42,122	3,824	3,351	88	42 647	17,734	75,565	4,261	3,788
89	22 604	8,603	31,107	3,616	3,143	89	37 815	14,393	57,831	4,018	3,545
90	18 870	6,574	22,503	3,423	2,950	90	32 944	11,478	43,438	3,785	3,312
91	15 409	4,914	15,929	3,242	2,769	91	28 098	8,960	31,961	3,567	3,094
92	12 317	3,595	11,015	3,064	2,591	92	23 435	6,841	23,000	3,362	2,889
93	9 559	2,554	7,420	2,905	2,432	93	19 031	5,085	16,160	3,178	2,705
94	7 217	1,765	4,866	2,757	2,284	94	15 045	3,679	11,075	3,010	2,537
95	5 269	1,180	3,101	2,629	2,156	95	11 593	2,595	7,396	2,850	2,377
96	3 736	0,766	1,922	2,510	2,037	96	8 645	1,771	4,801	2,710	2,237
97	2 561	0,480	1,156	2,407	1,934	97	6 230	1,169	3,029	2,592	2,119
98	1 708	0,293	0,676	2,304	1,831	98	4 394	0,754	1,861	2,467	1,994
99	1 107	0,174	0,382	2,198	1,725	99	2 992	0,470	1,106	2,353	1,880
100	686	0,099	0,208	2,113	1,640	100	1 965	0,283	0,636	2,251	1,778

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 9,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 145 380,795	11,454	10,980	0	100 000	100 000,000	1 147 183,977	11,472	10,999
1	99 661	91 014,979	1 045 380,795	11,486	11,013	1	99 711	91 060,103	1 047 183,977	11,500	11,027
2	99 637	83 098,615	954 365,816	11,485	11,011	2	99 689	83 141,416	956 123,874	11,500	11,027
3	99 624	75 879,051	871 267,201	11,482	11,009	3	99 676	75 918,256	872 982,458	11,499	11,026
4	99 612	69 287,723	795 388,150	11,479	11,006	4	99 666	69 324,828	797 064,202	11,498	11,024
5	99 601	63 269,239	726 100,427	11,476	11,003	5	99 656	63 304,518	727 739,373	11,496	11,023
6	99 592	57 774,876	662 831,188	11,473	10,999	6	99 650	57 808,417	664 434,855	11,494	11,020
7	99 583	52 757,693	605 056,312	11,469	10,995	7	99 642	52 789,220	606 626,438	11,491	11,018
8	99 573	48 175,859	552 298,619	11,464	10,991	8	99 638	48 207,037	553 837,218	11,489	11,015
9	99 566	43 992,868	504 122,760	11,459	10,986	9	99 630	44 021,519	505 630,181	11,486	11,013
10	99 558	40 172,910	460 129,892	11,454	10,980	10	99 625	40 200,164	461 608,662	11,483	11,009
11	99 550	36 684,857	419 956,982	11,448	10,974	11	99 620	36 710,437	421 408,498	11,479	11,006
12	99 543	33 499,837	383 272,125	11,441	10,968	12	99 612	33 522,935	384 698,061	11,476	11,002
13	99 535	30 590,750	349 772,288	11,434	10,961	13	99 606	30 612,618	351 175,126	11,472	10,998
14	99 525	27 934,162	319 181,537	11,426	10,953	14	99 598	27 954,519	320 562,508	11,467	10,994
15	99 513	25 507,499	291 247,375	11,418	10,945	15	99 589	25 526,886	292 607,989	11,463	10,989
16	99 497	23 290,899	265 739,876	11,410	10,936	16	99 577	23 309,526	267 081,103	11,458	10,985
17	99 475	21 265,364	242 448,977	11,401	10,928	17	99 564	21 284,517	243 771,577	11,453	10,980
18	99 448	19 415,245	221 183,614	11,392	10,919	18	99 551	19 435,395	222 487,061	11,448	10,974
19	99 410	17 723,973	201 768,369	11,384	10,911	19	99 535	17 746,338	203 051,666	11,442	10,969
20	99 370	16 179,745	184 044,395	11,375	10,902	20	99 519	16 204,037	185 305,328	11,436	10,962
21	99 329	14 769,926	167 864,650	11,365	10,892	21	99 503	14 795,785	169 101,291	11,429	10,956
22	99 289	13 483,061	153 094,724	11,355	10,881	22	99 486	13 509,839	154 305,505	11,422	10,948
23	99 247	12 308,136	139 611,663	11,343	10,870	23	99 469	12 335,682	140 795,667	11,414	10,940
24	99 205	11 235,584	127 303,527	11,330	10,857	24	99 453	11 263,620	128 459,985	11,405	10,932
25	99 160	10 256,107	116 067,943	11,317	10,844	25	99 436	10 284,722	117 196,364	11,395	10,922
26	99 116	9 362,171	105 811,836	11,302	10,829	26	99 417	9 390,614	106 911,643	11,385	10,912
27	99 072	8 546,160	96 449,665	11,286	10,812	27	99 399	8 574,375	97 521,029	11,374	10,900
28	99 028	7 801,202	87 903,505	11,268	10,795	28	99 379	7 828,837	88 946,654	11,361	10,888
29	98 982	7 121,090	80 102,303	11,249	10,775	29	99 355	7 147,921	81 117,818	11,348	10,875
30	98 933	6 500,071	72 981,213	11,228	10,754	30	99 330	6 526,171	73 969,897	11,334	10,861
31	98 881	5 933,003	66 481,142	11,205	10,732	31	99 302	5 958,288	67 443,726	11,319	10,846
32	98 824	5 415,159	60 548,139	11,181	10,708	32	99 270	5 439,607	61 485,438	11,303	10,830
33	98 764	4 942,330	55 132,980	11,155	10,682	33	99 237	4 966,009	56 045,831	11,286	10,813
34	98 695	4 510,379	50 190,650	11,128	10,655	34	99 202	4 533,579	51 079,823	11,267	10,794
35	98 625	4 116,173	45 680,272	11,098	10,624	35	99 164	4 138,674	46 546,243	11,247	10,773
36	98 551	3 756,224	41 564,099	11,065	10,592	36	99 118	3 777,847	42 407,569	11,225	10,752
37	98 464	3 427,312	37 807,876	11,031	10,558	37	99 071	3 448,443	38 629,722	11,202	10,729
38	98 365	3 126,843	34 380,564	10,995	10,522	38	99 021	3 147,673	35 181,279	11,177	10,704
39	98 266	2 852,663	31 253,721	10,956	10,483	39	98 966	2 872,994	32 033,606	11,150	10,677
40	98 152	2 602,164	28 401,058	10,914	10,441	40	98 901	2 622,032	29 160,612	11,121	10,648
41	98 031	2 373,464	25 798,894	10,870	10,396	41	98 839	2 393,034	26 538,580	11,090	10,617
42	97 888	2 164,403	23 425,430	10,823	10,350	42	98 766	2 183,817	24 145,547	11,057	10,583
43	97 750	1 973,827	21 261,028	10,771	10,298	43	98 687	1 992,744	21 961,730	11,021	10,548
44	97 594	1 799,707	19 287,201	10,717	10,244	44	98 598	1 818,228	19 968,985	10,983	10,509
45	97 425	1 640,719	17 487,493	10,658	10,185	45	98 505	1 658,911	18 150,758	10,941	10,468
46	97 242	1 495,557	15 846,774	10,596	10,123	46	98 399	1 513,358	16 491,846	10,898	10,424
47	97 041	1 362,988	14 351,217	10,529	10,056	47	98 283	1 380,425	14 978,488	10,851	10,377
48	96 815	1 241,836	12 988,229	10,459	9,986	48	98 155	1 259,024	13 598,063	10,800	10,327
49	96 561	1 131,121	11 746,393	10,385	9,911	49	98 006	1 148,050	12 339,038	10,748	10,275

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 9,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	1 029,953	10 615,272	10,307	9,833	50	97 841	1 046,682	11 190,989	10,692	10,219
51	95 968	937,574	9 585,319	10,224	9,750	51	97 661	954,111	10 144,307	10,632	10,159
52	95 624	853,168	8 647,745	10,136	9,663	52	97 458	869,525	9 190,196	10,569	10,096
53	95 242	776,036	7 794,576	10,044	9,571	53	97 243	792,336	8 320,671	10,501	10,028
54	94 812	705,509	7 018,541	9,948	9,475	54	97 002	721,801	7 528,335	10,430	9,957
55	94 338	641,074	6 313,031	9,848	9,374	55	96 735	657,364	6 806,534	10,354	9,881
56	93 801	582,126	5 671,957	9,744	9,270	56	96 434	598,464	6 149,170	10,275	9,802
57	93 207	528,255	5 089,831	9,635	9,162	57	96 108	544,694	5 550,706	10,191	9,717
58	92 548	479,014	4 561,576	9,523	9,050	58	95 747	495,569	5 006,013	10,102	9,628
59	91 833	434,077	4 082,562	9,405	8,932	59	95 347	450,685	4 510,444	10,008	9,535
60	91 035	392,973	3 648,485	9,284	8,811	60	94 905	409,677	4 059,758	9,910	9,436
61	90 165	355,450	3 255,512	9,159	8,686	61	94 418	372,217	3 650,081	9,806	9,333
62	89 210	321,174	2 900,062	9,030	8,556	62	93 891	338,025	3 277,864	9,697	9,224
63	88 162	289,862	2 578,888	8,897	8,424	63	93 316	306,809	2 939,839	9,582	9,109
64	87 020	261,285	2 289,027	8,761	8,287	64	92 685	278,296	2 633,031	9,461	8,988
65	85 790	235,244	2 027,742	8,620	8,146	65	91 999	252,269	2 354,734	9,334	8,861
66	84 473	211,536	1 792,498	8,474	8,000	66	91 261	228,536	2 102,465	9,200	8,726
67	83 054	189,938	1 580,962	8,324	7,850	67	90 462	206,881	1 873,929	9,058	8,585
68	81 552	170,324	1 391,023	8,167	7,694	68	89 616	187,165	1 667,048	8,907	8,434
69	79 951	152,492	1 220,700	8,005	7,532	69	88 701	169,182	1 479,883	8,747	8,274
70	78 265	136,326	1 068,208	7,836	7,362	70	87 677	152,721	1 310,700	8,582	8,109
71	76 503	121,696	931,882	7,657	7,184	71	86 577	137,720	1 157,980	8,408	7,935
72	74 595	108,366	810,186	7,476	7,003	72	85 381	124,034	1 020,259	8,226	7,752
73	72 635	96,364	701,819	7,283	6,810	73	84 104	111,580	896,225	8,032	7,559
74	70 541	85,466	605,456	7,084	6,611	74	82 697	100,194	784,645	7,831	7,358
75	68 341	75,617	519,989	6,877	6,403	75	81 192	89,837	684,450	7,619	7,145
76	66 001	66,693	444,372	6,663	6,190	76	79 559	80,392	594,613	7,396	6,923
77	63 529	58,626	377,679	6,442	5,969	77	77 797	71,792	514,221	7,163	6,689
78	60 972	51,384	319,054	6,209	5,736	78	75 934	63,994	442,429	6,914	6,440
79	58 245	44,827	267,670	5,971	5,498	79	73 868	56,852	378,436	6,657	6,183
80	55 363	38,913	222,843	5,727	5,253	80	71 592	50,320	321,584	6,391	5,918
81	52 275	33,554	183,930	5,482	5,008	81	69 068	44,334	271,265	6,119	5,645
82	49 023	28,737	150,375	5,233	4,759	82	66 277	38,851	226,931	5,841	5,368
83	45 621	24,423	121,638	4,981	4,507	83	63 161	33,813	188,080	5,562	5,089
84	42 017	20,542	97,215	4,733	4,259	84	59 675	29,175	154,267	5,288	4,814
85	38 253	17,079	76,674	4,489	4,016	85	55 869	24,944	125,092	5,015	4,542
86	34 355	14,008	59,594	4,254	3,781	86	51 751	21,101	100,148	4,746	4,273
87	30 415	11,326	45,586	4,025	3,552	87	47 338	17,627	79,047	4,484	4,011
88	26 491	9,008	34,261	3,803	3,330	88	42 647	14,503	61,420	4,235	3,762
89	22 604	7,020	25,252	3,597	3,124	89	37 815	11,744	46,917	3,995	3,522
90	18 870	5,352	18,232	3,407	2,934	90	32 944	9,344	35,173	3,764	3,291
91	15 409	3,991	12,881	3,227	2,754	91	28 098	7,278	25,830	3,549	3,076
92	12 317	2,913	8,890	3,051	2,578	92	23 435	5,543	18,552	3,347	2,873
93	9 559	2,065	5,976	2,894	2,421	93	19 031	4,111	13,009	3,164	2,691
94	7 217	1,424	3,911	2,747	2,274	94	15 045	2,968	8,898	2,998	2,525
95	5 269	0,949	2,487	2,620	2,147	95	11 593	2,089	5,930	2,839	2,366
96	3 736	0,615	1,538	2,502	2,029	96	8 645	1,422	3,841	2,701	2,227
97	2 561	0,385	0,923	2,400	1,926	97	6 230	0,936	2,419	2,584	2,111
98	1 708	0,234	0,539	2,297	1,824	98	4 394	0,603	1,483	2,459	1,986
99	1 107	0,139	0,304	2,192	1,719	99	2 992	0,375	0,880	2,346	1,873
100	686	0,078	0,165	2,108	1,635	100	1 965	0,225	0,505	2,245	1,772

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 9,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 118 855,672	11,189	10,715	0	100 000	100 000,000	1 120 516,633	11,205	10,731
1	99 661	90 807,656	1 018 855,672	11,220	10,746	1	99 711	90 852,677	1 020 516,633	11,233	10,759
2	99 637	82 720,465	928 048,017	11,219	10,745	2	99 689	82 763,071	929 663,956	11,233	10,759
3	99 624	75 361,696	845 327,552	11,217	10,743	3	99 676	75 400,634	846 900,885	11,232	10,758
4	99 612	68 658,553	769 965,856	11,214	10,741	4	99 666	68 695,322	771 500,252	11,231	10,757
5	99 601	62 551,908	701 307,303	11,212	10,738	5	99 656	62 586,787	702 804,930	11,229	10,756
6	99 592	56 989,725	638 755,394	11,208	10,735	6	99 650	57 022,811	640 218,143	11,227	10,754
7	99 583	51 922,181	581 765,669	11,205	10,731	7	99 642	51 953,209	583 195,332	11,225	10,752
8	99 573	47 304,907	529 843,488	11,201	10,727	8	99 638	47 335,521	531 242,123	11,223	10,749
9	99 566	43 099,138	482 538,581	11,196	10,722	9	99 630	43 127,207	483 906,602	11,220	10,747
10	99 558	39 267,133	439 439,443	11,191	10,717	10	99 625	39 293,772	440 779,395	11,218	10,744
11	99 550	35 776,045	400 172,310	11,185	10,712	11	99 620	35 800,991	401 485,622	11,214	10,741
12	99 543	32 595,510	364 396,265	11,179	10,706	12	99 612	32 617,984	365 684,631	11,211	10,737
13	99 535	29 697,152	331 800,755	11,173	10,699	13	99 606	29 718,381	333 066,647	11,207	10,734
14	99 525	27 056,394	302 103,603	11,166	10,692	14	99 598	27 076,111	303 348,266	11,204	10,730
15	99 513	24 649,705	275 047,209	11,158	10,685	15	99 589	24 668,440	276 272,155	11,199	10,726
16	99 497	22 456,377	250 397,504	11,150	10,677	16	99 577	22 474,337	251 603,715	11,195	10,721
17	99 475	20 456,713	227 941,127	11,143	10,669	17	99 564	20 475,138	229 129,378	11,191	10,717
18	99 448	18 634,404	207 484,414	11,134	10,661	18	99 551	18 653,743	208 654,240	11,186	10,712
19	99 410	16 972,402	188 850,010	11,127	10,653	19	99 535	16 993,818	190 000,497	11,181	10,707
20	99 370	15 458,363	171 877,608	11,119	10,645	20	99 519	15 481,571	173 006,679	11,175	10,701
21	99 329	14 079,256	156 419,246	11,110	10,636	21	99 503	14 103,906	157 525,108	11,169	10,695
22	99 289	12 823,291	142 339,990	11,100	10,626	22	99 486	12 848,758	143 421,202	11,162	10,689
23	99 247	11 679,194	129 516,699	11,090	10,616	23	99 469	11 705,332	130 572,444	11,155	10,681
24	99 205	10 637,163	117 837,505	11,078	10,604	24	99 453	10 663,706	118 867,112	11,147	10,673
25	99 160	9 687,736	107 200,342	11,066	10,592	25	99 436	9 714,765	108 203,405	11,138	10,664
26	99 116	8 823,196	97 512,606	11,052	10,578	26	99 417	8 850,001	98 488,640	11,129	10,655
27	99 072	8 035,815	88 689,411	11,037	10,563	27	99 399	8 062,345	89 638,639	11,118	10,645
28	99 028	7 318,635	80 653,595	11,020	10,547	28	99 379	7 344,560	81 576,294	11,107	10,633
29	98 982	6 665,375	73 334,960	11,002	10,529	29	99 355	6 690,489	74 231,734	11,095	10,621
30	98 933	6 070,239	66 669,585	10,983	10,509	30	99 330	6 094,613	67 541,245	11,082	10,608
31	98 881	5 528,048	60 599,346	10,962	10,488	31	99 302	5 551,608	61 446,632	11,068	10,595
32	98 824	5 034,057	55 071,298	10,940	10,466	32	99 270	5 056,784	55 895,024	11,053	10,580
33	98 764	4 584,038	50 037,241	10,916	10,442	33	99 237	4 606,000	50 838,241	11,037	10,564
34	98 695	4 173,871	45 453,203	10,890	10,416	34	99 202	4 195,341	46 232,240	11,020	10,546
35	98 625	3 800,399	41 279,332	10,862	10,388	35	99 164	3 821,175	42 036,899	11,001	10,527
36	98 551	3 460,164	37 478,932	10,832	10,358	36	99 118	3 480,083	38 215,724	10,981	10,508
37	98 464	3 149,985	34 018,768	10,800	10,326	37	99 071	3 169,406	34 735,641	10,960	10,486
38	98 365	2 867,283	30 868,783	10,766	10,292	38	99 021	2 886,383	31 566,235	10,936	10,463
39	98 266	2 609,904	28 001,501	10,729	10,255	39	98 966	2 628,505	28 679,852	10,911	10,437
40	98 152	2 375,299	25 391,597	10,690	10,216	40	98 901	2 393,435	26 051,347	10,885	10,411
41	98 031	2 161,603	23 016,299	10,648	10,174	41	98 839	2 179,425	23 657,912	10,855	10,381
42	97 888	1 966,712	20 854,696	10,604	10,130	42	98 766	1 984,353	21 478,487	10,824	10,350
43	97 750	1 789,458	18 887,984	10,555	10,081	43	98 687	1 806,608	19 494,134	10,790	10,317
44	97 594	1 627,886	17 098,526	10,504	10,030	44	98 598	1 644,638	17 687,525	10,755	10,281
45	97 425	1 480,695	15 470,640	10,448	9,975	45	98 505	1 497,114	16 042,888	10,716	10,242
46	97 242	1 346,617	13 989,945	10,389	9,915	46	98 399	1 362,645	14 545,774	10,675	10,201
47	97 041	1 224,455	12 643,327	10,326	9,852	47	98 283	1 240,120	13 183,129	10,631	10,157
48	96 815	1 113,075	11 418,872	10,259	9,785	48	98 155	1 128,482	11 943,009	10,583	10,110
49	96 561	1 011,530	10 305,797	10,188	9,715	49	98 006	1 026,669	10 814,527	10,534	10,060

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 9,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	918,961	9 294,267	10,114	9,640	50	97 841	933,886	9 787,858	10,481	10,007
51	95 968	834,631	8 375,306	10,035	9,561	51	97 661	849,353	8 853,971	10,424	9,951
52	95 624	757,763	7 540,675	9,951	9,478	52	97 458	772,291	8 004,619	10,365	9,891
53	95 242	687,686	6 782,911	9,863	9,390	53	97 243	702,130	7 232,328	10,301	9,827
54	94 812	623,765	6 095,226	9,772	9,298	54	97 002	638,169	6 530,198	10,233	9,759
55	94 338	565,504	5 471,461	9,675	9,202	55	96 735	579,873	5 892,029	10,161	9,687
56	93 801	512,335	4 905,957	9,576	9,102	56	96 434	526,714	5 312,156	10,085	9,612
57	93 207	463,864	4 393,622	9,472	8,998	57	96 108	478,299	4 785,442	10,005	9,531
58	92 548	419,667	3 929,758	9,364	8,890	58	95 747	434,170	4 307,143	9,920	9,447
59	91 833	379,431	3 510,092	9,251	8,777	59	95 347	393,948	3 872,973	9,831	9,357
60	91 035	342,719	3 130,661	9,135	8,661	60	94 905	357,287	3 479,024	9,737	9,264
61	90 165	309,289	2 787,942	9,014	8,540	61	94 418	323,877	3 121,737	9,639	9,165
62	89 210	278,827	2 478,654	8,890	8,416	62	93 891	293,456	2 797,860	9,534	9,060
63	88 162	251,070	2 199,827	8,762	8,288	63	93 316	265,749	2 504,404	9,424	8,950
64	87 020	225,802	1 948,757	8,630	8,157	64	92 685	240,504	2 238,655	9,308	8,835
65	85 790	202,834	1 722,955	8,494	8,021	65	91 999	217,514	1 998,151	9,186	8,713
66	84 473	181,978	1 520,120	8,353	7,880	66	91 261	196,602	1 780,637	9,057	8,583
67	83 054	163,025	1 338,143	8,208	7,734	67	90 462	177,568	1 584,035	8,921	8,447
68	81 552	145,857	1 175,117	8,057	7,583	68	89 616	160,279	1 406,467	8,775	8,301
69	79 951	130,289	1 029,260	7,900	7,426	69	88 701	144,550	1 246,188	8,621	8,147
70	78 265	116,212	898,971	7,736	7,262	70	87 677	130,187	1 101,639	8,462	7,988
71	76 503	103,504	782,759	7,563	7,089	71	86 577	117,133	971,451	8,294	7,820
72	74 595	91,957	679,255	7,387	6,913	72	85 381	105,253	854,318	8,117	7,643
73	72 635	81,586	587,298	7,199	6,725	73	84 104	94,469	749,066	7,929	7,456
74	70 541	72,194	505,713	7,005	6,531	74	82 697	84,636	654,597	7,734	7,261
75	68 341	63,730	433,518	6,802	6,329	75	81 192	75,714	569,962	7,528	7,054
76	66 001	56,080	369,788	6,594	6,120	76	79 559	67,599	494,248	7,311	6,838
77	63 529	49,184	313,709	6,378	5,905	77	77 797	60,230	426,648	7,084	6,610
78	60 972	43,010	264,524	6,150	5,677	78	75 934	53,565	366,418	6,841	6,367
79	58 245	37,437	221,514	5,917	5,443	79	73 868	47,479	312,853	6,589	6,116
80	55 363	32,424	184,077	5,677	5,204	80	71 592	41,928	265,374	6,329	5,856
81	52 275	27,895	151,654	5,437	4,963	81	69 068	36,856	223,446	6,063	5,589
82	49 023	23,836	123,759	5,192	4,718	82	66 277	32,225	186,590	5,790	5,317
83	45 621	20,211	99,923	4,944	4,470	83	63 161	27,982	154,365	5,517	5,043
84	42 017	16,961	79,712	4,700	4,226	84	59 675	24,089	126,383	5,247	4,773
85	38 253	14,070	62,751	4,460	3,986	85	55 869	20,549	102,295	4,978	4,504
86	34 355	11,513	48,681	4,228	3,755	86	51 751	17,343	81,746	4,713	4,240
87	30 415	9,287	37,168	4,002	3,528	87	47 338	14,455	64,403	4,455	3,982
88	26 491	7,370	27,880	3,783	3,309	88	42 647	11,866	49,948	4,209	3,736
89	22 604	5,730	20,510	3,579	3,106	89	37 815	9,587	38,082	3,972	3,499
90	18 870	4,359	14,780	3,391	2,917	90	32 944	7,610	28,495	3,745	3,271
91	15 409	3,243	10,421	3,213	2,739	91	28 098	5,914	20,886	3,532	3,058
92	12 317	2,362	7,178	3,039	2,565	92	23 435	4,494	14,972	3,331	2,858
93	9 559	1,670	4,816	2,883	2,409	93	19 031	3,325	10,478	3,151	2,677
94	7 217	1,149	3,145	2,737	2,264	94	15 045	2,395	7,152	2,986	2,512
95	5 269	0,764	1,996	2,612	2,138	95	11 593	1,682	4,757	2,829	2,355
96	3 736	0,494	1,232	2,494	2,021	96	8 645	1,143	3,075	2,691	2,218
97	2 561	0,308	0,738	2,393	1,919	97	6 230	0,750	1,933	2,576	2,102
98	1 708	0,187	0,430	2,291	1,817	98	4 394	0,482	1,182	2,452	1,978
99	1 107	0,111	0,242	2,187	1,713	99	2 992	0,299	0,700	2,340	1,866
100	686	0,062	0,131	2,103	1,630	100	1 965	0,179	0,401	2,239	1,765

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 10,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 093 624,655	10,936	10,462	0	100 000	100 000,000	1 095 159,762	10,952	10,478
1	99 661	90 601,275	993 624,655	10,967	10,493	1	99 711	90 646,194	995 159,762	10,979	10,504
2	99 637	82 344,890	903 023,380	10,966	10,492	2	99 689	82 387,302	904 513,568	10,979	10,505
3	99 624	74 849,033	820 678,490	10,964	10,490	3	99 676	74 887,706	822 126,266	10,978	10,504
4	99 612	68 036,509	745 829,458	10,962	10,488	4	99 666	68 072,945	747 238,560	10,977	10,503
5	99 601	61 844,315	677 792,948	10,960	10,486	5	99 656	61 878,799	679 165,615	10,976	10,502
6	99 592	56 216,995	615 948,633	10,957	10,483	6	99 650	56 249,631	617 286,816	10,974	10,500
7	99 583	51 101,757	559 731,638	10,953	10,479	7	99 642	51 132,295	561 037,184	10,972	10,498
8	99 573	46 451,628	508 629,881	10,950	10,476	8	99 638	46 481,690	509 904,890	10,970	10,496
9	99 566	42 225,537	462 178,253	10,945	10,471	9	99 630	42 253,037	463 423,199	10,968	10,494
10	99 558	38 383,770	419 952,716	10,941	10,467	10	99 625	38 409,810	421 170,162	10,965	10,491
11	99 550	34 891,738	381 568,946	10,936	10,462	11	99 620	34 916,068	382 760,352	10,962	10,488
12	99 543	31 717,570	346 677,207	10,930	10,456	12	99 612	31 739,439	347 844,284	10,959	10,485
13	99 535	28 831,602	314 959,638	10,924	10,450	13	99 606	28 852,212	316 104,845	10,956	10,482
14	99 525	26 208,111	286 128,036	10,918	10,443	14	99 598	26 227,210	287 252,633	10,952	10,478
15	99 513	23 822,612	259 919,924	10,911	10,437	15	99 589	23 840,719	261 025,423	10,949	10,475
16	99 497	21 653,554	236 097,312	10,903	10,429	16	99 577	21 670,872	237 184,704	10,945	10,471
17	99 475	19 680,548	214 443,757	10,896	10,422	17	99 564	19 698,274	215 513,832	10,941	10,467
18	99 448	17 886,637	194 763,209	10,889	10,415	18	99 551	17 905,200	195 815,558	10,936	10,462
19	99 410	16 254,302	176 876,572	10,882	10,408	19	99 535	16 274,812	177 910,358	10,932	10,458
20	99 370	14 770,676	160 622,270	10,874	10,400	20	99 519	14 792,852	161 635,546	10,927	10,453
21	99 329	13 422,346	145 851,594	10,866	10,392	21	99 503	13 445,846	146 842,694	10,921	10,447
22	99 289	12 197,198	132 429,248	10,857	10,383	22	99 486	12 221,421	133 396,847	10,915	10,441
23	99 247	11 083,713	120 232,051	10,848	10,374	23	99 469	11 108,519	121 175,426	10,908	10,434
24	99 205	10 071,869	109 148,338	10,837	10,363	24	99 453	10 097,002	110 066,908	10,901	10,427
25	99 160	9 152,050	99 076,469	10,826	10,352	25	99 436	9 177,585	99 969,906	10,893	10,419
26	99 116	8 316,371	89 924,419	10,813	10,339	26	99 417	8 341,637	90 792,322	10,884	10,410
27	99 072	7 557,005	81 608,048	10,799	10,325	27	99 399	7 581,954	82 450,685	10,875	10,401
28	99 028	6 866,915	74 051,043	10,784	10,310	28	99 379	6 891,240	74 868,731	10,864	10,390
29	98 982	6 239,763	67 184,127	10,767	10,293	29	99 355	6 263,273	67 977,490	10,853	10,379
30	98 933	5 669,713	60 944,365	10,749	10,275	30	99 330	5 692,479	61 714,218	10,841	10,367
31	98 881	5 151,563	55 274,651	10,730	10,256	31	99 302	5 173,518	56 021,738	10,829	10,355
32	98 824	4 680,552	50 123,088	10,709	10,235	32	99 270	4 701,684	50 848,221	10,815	10,341
33	98 764	4 252,448	45 442,536	10,686	10,212	33	99 237	4 272,822	46 146,537	10,800	10,326
34	98 695	3 863,152	41 190,088	10,662	10,188	34	99 202	3 883,023	41 873,715	10,784	10,310
35	98 625	3 509,488	37 326,936	10,636	10,162	35	99 164	3 528,673	37 990,692	10,766	10,292
36	98 551	3 188,035	33 817,448	10,608	10,134	36	99 118	3 206,387	34 462,019	10,748	10,274
37	98 464	2 895,654	30 629,413	10,578	10,104	37	99 071	2 913,507	31 255,632	10,728	10,254
38	98 365	2 629,787	27 733,759	10,546	10,072	38	99 021	2 647,306	28 342,124	10,706	10,232
39	98 266	2 388,286	25 103,972	10,511	10,037	39	98 966	2 405,308	25 694,819	10,683	10,208
40	98 152	2 168,662	22 715,686	10,475	10,000	40	98 901	2 185,221	23 289,511	10,658	10,184
41	98 031	1 969,071	20 547,024	10,435	9,961	41	98 839	1 985,307	21 104,290	10,630	10,156
42	97 888	1 787,468	18 577,952	10,393	9,919	42	98 766	1 803,501	19 118,983	10,601	10,127
43	97 750	1 622,672	16 790,484	10,347	9,873	43	98 687	1 638,224	17 315,482	10,570	10,096
44	97 594	1 472,804	15 167,812	10,299	9,825	44	98 598	1 487,960	15 677,258	10,536	10,062
45	97 425	1 336,591	13 695,008	10,246	9,772	45	98 505	1 351,412	14 189,298	10,500	10,026
46	97 242	1 212,800	12 358,417	10,190	9,716	46	98 399	1 227,235	12 837,886	10,461	9,987
47	97 041	1 100,271	11 145,617	10,130	9,656	47	98 283	1 114,347	11 610,651	10,419	9,945
48	96 815	997,914	10 045,346	10,066	9,592	48	98 155	1 011,726	10 496,304	10,375	9,901
49	96 561	904,814	9 047,432	9,999	9,525	49	98 006	918,356	9 484,578	10,328	9,854

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 10,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	820,142	8 142,619	9,928	9,454	50	97 841	833,463	8 566,223	10,278	9,804
51	95 968	743,188	7 322,476	9,853	9,379	51	97 661	756,296	7 732,760	10,225	9,750
52	95 624	673,208	6 579,288	9,773	9,299	52	97 458	686,115	6 976,463	10,168	9,694
53	95 242	609,562	5 906,080	9,689	9,215	53	97 243	622,365	6 290,349	10,107	9,633
54	94 812	551,646	5 296,518	9,601	9,127	54	97 002	564,384	5 667,983	10,043	9,569
55	94 338	498,984	4 744,873	9,509	9,035	55	96 735	511,664	5 103,599	9,975	9,500
56	93 801	451,043	4 245,888	9,413	8,939	56	96 434	463,701	4 591,935	9,903	9,429
57	93 207	407,442	3 794,846	9,314	8,840	57	96 108	420,121	4 128,234	9,826	9,352
58	92 548	367,783	3 387,404	9,210	8,736	58	95 747	380,493	3 708,113	9,746	9,271
59	91 833	331,766	3 019,621	9,102	8,628	59	95 347	344,459	3 327,620	9,660	9,186
60	91 035	298,984	2 687,855	8,990	8,516	60	94 905	311,694	2 983,160	9,571	9,097
61	90 165	269,207	2 388,871	8,874	8,400	61	94 418	281,905	2 671,467	9,476	9,002
62	89 210	242,141	2 119,664	8,754	8,280	62	93 891	254,846	2 389,561	9,376	8,902
63	88 162	217,541	1 877,523	8,631	8,157	63	93 316	230,260	2 134,716	9,271	8,797
64	87 020	195,203	1 659,982	8,504	8,030	64	92 685	207,912	1 904,456	9,160	8,686
65	85 790	174,949	1 464,779	8,373	7,899	65	91 999	187,611	1 696,544	9,043	8,569
66	84 473	156,603	1 289,830	8,236	7,762	66	91 261	169,188	1 508,933	8,919	8,445
67	83 054	139,975	1 133,228	8,096	7,622	67	90 462	152,460	1 339,745	8,787	8,313
68	81 552	124,949	993,253	7,949	7,475	68	89 616	137,303	1 187,285	8,647	8,173
69	79 951	111,359	868,304	7,797	7,323	69	88 701	123,548	1 049,981	8,499	8,025
70	78 265	99,101	756,945	7,638	7,164	70	87 677	111,019	926,434	8,345	7,871
71	76 503	88,064	657,844	7,470	6,996	71	86 577	99,660	815,414	8,182	7,708
72	74 595	78,062	569,780	7,299	6,825	72	85 381	89,348	715,755	8,011	7,537
73	72 635	69,100	491,718	7,116	6,642	73	84 104	80,011	626,407	7,829	7,355
74	70 541	61,007	422,618	6,927	6,453	74	82 697	71,520	546,395	7,640	7,166
75	68 341	53,732	361,611	6,730	6,256	75	81 192	63,836	474,875	7,439	6,965
76	66 001	47,174	307,879	6,526	6,052	76	79 559	56,865	411,039	7,228	6,754
77	63 529	41,280	260,705	6,316	5,841	77	77 797	50,550	354,174	7,006	6,532
78	60 972	36,016	219,425	6,092	5,618	78	75 934	44,855	303,624	6,769	6,295
79	58 245	31,278	183,409	5,864	5,390	79	73 868	39,668	258,769	6,523	6,049
80	55 363	27,028	152,131	5,629	5,155	80	71 592	34,950	219,102	6,269	5,795
81	52 275	23,200	125,104	5,392	4,918	81	69 068	30,653	184,151	6,008	5,534
82	49 023	19,779	101,904	5,152	4,678	82	66 277	26,740	153,499	5,740	5,266
83	45 621	16,733	82,125	4,908	4,434	83	63 161	23,166	126,759	5,472	4,998
84	42 017	14,010	65,392	4,667	4,193	84	59 675	19,898	103,592	5,206	4,732
85	38 253	11,596	51,382	4,431	3,957	85	55 869	16,935	83,694	4,942	4,468
86	34 355	9,467	39,786	4,203	3,729	86	51 751	14,261	66,759	4,681	4,207
87	30 415	7,620	30,319	3,979	3,505	87	47 338	11,859	52,498	4,427	3,953
88	26 491	6,033	22,700	3,763	3,288	88	42 647	9,713	40,639	4,184	3,710
89	22 604	4,680	16,666	3,561	3,087	89	37 815	7,829	30,926	3,950	3,476
90	18 870	3,552	11,987	3,375	2,901	90	32 944	6,201	23,097	3,725	3,251
91	15 409	2,637	8,435	3,199	2,725	91	28 098	4,808	16,896	3,514	3,040
92	12 317	1,916	5,798	3,026	2,552	92	23 435	3,645	12,089	3,316	2,842
93	9 559	1,352	3,882	2,872	2,398	93	19 031	2,691	8,443	3,137	2,663
94	7 217	0,928	2,531	2,728	2,254	94	15 045	1,934	5,752	2,974	2,500
95	5 269	0,616	1,603	2,603	2,129	95	11 593	1,355	3,818	2,818	2,344
96	3 736	0,397	0,987	2,487	2,013	96	8 645	0,918	2,463	2,682	2,208
97	2 561	0,247	0,590	2,386	1,912	97	6 230	0,602	1,545	2,567	2,093
98	1 708	0,150	0,343	2,285	1,811	98	4 394	0,386	0,943	2,444	1,970
99	1 107	0,088	0,193	2,181	1,707	99	2 992	0,239	0,557	2,333	1,859
100	686	0,050	0,104	2,098	1,624	100	1 965	0,143	0,318	2,233	1,759

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 10,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 069 597,348	10,696	10,222	0	100 000	100 000,000	1 071 020,768	10,710	10,236
1	99 661	90 395,830	969 597,348	10,726	10,252	1	99 711	90 440,647	971 020,768	10,737	10,262
2	99 637	81 971,867	879 201,518	10,726	10,251	2	99 689	82 014,087	880 580,121	10,737	10,263
3	99 624	74 341,009	797 229,651	10,724	10,250	3	99 676	74 379,420	798 566,034	10,736	10,262
4	99 612	67 421,494	722 888,641	10,722	10,248	4	99 666	67 457,600	724 186,614	10,735	10,261
5	99 601	61 146,305	655 467,147	10,720	10,245	5	99 656	61 180,400	656 729,013	10,734	10,260
6	99 592	55 456,461	594 320,843	10,717	10,242	6	99 650	55 488,656	595 548,614	10,733	10,258
7	99 583	50 296,115	538 864,382	10,714	10,239	7	99 642	50 326,172	540 059,958	10,731	10,257
8	99 573	45 615,626	488 568,267	10,711	10,236	8	99 638	45 645,147	489 733,786	10,729	10,255
9	99 566	41 371,566	442 952,641	10,707	10,232	9	99 630	41 398,510	444 088,639	10,727	10,253
10	99 558	37 522,218	401 581,074	10,702	10,228	10	99 625	37 547,673	402 690,129	10,725	10,250
11	99 550	34 031,223	364 058,856	10,698	10,223	11	99 620	34 054,953	365 142,456	10,722	10,248
12	99 543	30 865,190	330 027,633	10,693	10,218	12	99 612	30 886,471	331 087,503	10,719	10,245
13	99 535	27 993,158	299 162,443	10,687	10,213	13	99 606	28 013,169	300 201,032	10,716	10,242
14	99 525	25 388,260	271 169,285	10,681	10,206	14	99 598	25 406,762	272 187,863	10,713	10,239
15	99 513	23 025,056	245 781,024	10,675	10,200	15	99 589	23 042,556	246 781,101	10,710	10,235
16	99 497	20 881,158	222 755,969	10,668	10,193	16	99 577	20 897,858	223 738,544	10,706	10,232
17	99 475	18 935,495	201 874,810	10,661	10,187	17	99 564	18 952,550	202 840,686	10,703	10,228
18	99 448	17 170,473	182 939,315	10,654	10,180	18	99 551	17 188,293	183 888,136	10,698	10,224
19	99 410	15 568,113	165 768,842	10,648	10,174	19	99 535	15 587,758	166 699,844	10,694	10,220
20	99 370	14 115,040	150 200,729	10,641	10,167	20	99 519	14 136,232	151 112,086	10,690	10,215
21	99 329	12 797,474	136 085,689	10,634	10,159	21	99 503	12 819,880	136 975,854	10,685	10,210
22	99 289	11 602,992	123 288,215	10,626	10,151	22	99 486	11 626,035	124 155,974	10,679	10,205
23	99 247	10 519,843	111 685,223	10,617	10,142	23	99 469	10 543,387	112 529,939	10,673	10,199
24	99 205	9 537,799	101 165,380	10,607	10,132	24	99 453	9 561,599	101 986,552	10,666	10,192
25	99 160	8 647,102	91 627,581	10,596	10,122	25	99 436	8 671,227	92 424,953	10,659	10,184
26	99 116	7 839,712	82 980,480	10,585	10,110	26	99 417	7 863,530	83 753,726	10,651	10,176
27	99 072	7 107,716	75 140,768	10,572	10,097	27	99 399	7 131,182	75 890,196	10,642	10,168
28	99 028	6 444,009	68 033,051	10,558	10,083	28	99 379	6 466,836	68 759,014	10,633	10,158
29	98 982	5 842,203	61 589,043	10,542	10,068	29	99 355	5 864,215	62 292,179	10,622	10,148
30	98 933	5 296,436	55 746,840	10,525	10,051	30	99 330	5 317,703	56 427,964	10,611	10,137
31	98 881	4 801,486	50 450,404	10,507	10,033	31	99 302	4 821,949	51 110,262	10,600	10,125
32	98 824	4 352,591	45 648,918	10,488	10,013	32	99 270	4 372,242	46 288,312	10,587	10,112
33	98 764	3 945,517	41 296,327	10,467	9,992	33	99 237	3 964,420	41 916,070	10,573	10,099
34	98 695	3 576,191	37 350,810	10,444	9,970	34	99 202	3 594,587	37 951,650	10,558	10,084
35	98 625	3 241,431	33 774,619	10,420	9,945	35	99 164	3 259,151	34 357,064	10,542	10,067
36	98 551	2 937,854	30 533,187	10,393	9,919	36	99 118	2 954,766	31 097,913	10,525	10,050
37	98 464	2 662,367	27 595,334	10,365	9,891	37	99 071	2 678,782	28 143,147	10,506	10,032
38	98 365	2 412,436	24 932,967	10,335	9,861	38	99 021	2 428,507	25 464,365	10,486	10,011
39	98 266	2 185,928	22 520,530	10,303	9,828	39	98 966	2 201,507	23 035,858	10,464	9,989
40	98 152	1 980,411	20 334,603	10,268	9,793	40	98 901	1 995,533	20 834,351	10,440	9,966
41	98 031	1 794,069	18 354,191	10,230	9,756	41	98 839	1 808,861	18 838,818	10,415	9,940
42	97 888	1 624,912	16 560,123	10,191	9,717	42	98 766	1 639,488	17 029,958	10,387	9,913
43	97 750	1 471,758	14 935,210	10,148	9,673	43	98 687	1 485,864	15 390,470	10,358	9,883
44	97 594	1 332,800	13 463,452	10,102	9,627	44	98 598	1 346,515	13 904,606	10,326	9,852
45	97 425	1 206,792	12 130,653	10,052	9,578	45	98 505	1 220,174	12 558,091	10,292	9,818
46	97 242	1 092,539	10 923,860	9,999	9,524	46	98 399	1 105,543	11 337,918	10,256	9,781
47	97 041	988,921	9 831,321	9,941	9,467	47	98 283	1 001,573	10 232,375	10,216	9,742
48	96 815	894,889	8 842,400	9,881	9,407	48	98 155	907,275	9 230,802	10,174	9,700
49	96 561	809,561	7 947,511	9,817	9,343	49	98 006	821,677	8 323,526	10,130	9,655

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 10,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	732,139	7 137,950	9,749	9,275	50	97 841	744,030	7 501,849	10,083	9,608
51	95 968	661,938	6 405,811	9,677	9,203	51	97 661	673,613	6 757,819	10,032	9,558
52	95 624	598,249	5 743,873	9,601	9,127	52	97 458	609,718	6 084,206	9,979	9,504
53	95 242	540,461	5 145,624	9,521	9,046	53	97 243	551,813	5 474,488	9,921	9,446
54	94 812	488,001	4 605,163	9,437	8,962	54	97 002	499,270	4 922,675	9,860	9,385
55	94 338	440,415	4 117,162	9,348	8,874	55	96 735	451,606	4 423,404	9,795	9,320
56	93 801	397,197	3 676,747	9,257	8,782	56	96 434	408,345	3 971,799	9,727	9,252
57	93 207	357,988	3 279,550	9,161	8,687	57	96 108	369,128	3 563,454	9,654	9,179
58	92 548	322,410	2 921,562	9,062	8,587	58	95 747	333,553	3 194,326	9,577	9,102
59	91 833	290,177	2 599,152	8,957	8,483	59	95 347	301,279	2 860,773	9,495	9,021
60	91 035	260,912	2 308,975	8,850	8,375	60	94 905	272,003	2 559,494	9,410	8,935
61	90 165	234,394	2 048,064	8,738	8,263	61	94 418	245,450	2 287,491	9,320	8,845
62	89 210	210,350	1 813,670	8,622	8,148	62	93 891	221,386	2 042,042	9,224	8,749
63	88 162	188,551	1 603,320	8,503	8,029	63	93 316	199,575	1 820,655	9,123	8,648
64	87 020	168,806	1 414,769	8,381	7,907	64	92 685	179,796	1 621,080	9,016	8,542
65	85 790	150,948	1 245,963	8,254	7,780	65	91 999	161,872	1 441,284	8,904	8,429
66	84 473	134,812	1 095,016	8,123	7,648	66	91 261	145,646	1 279,412	8,784	8,310
67	83 054	120,224	960,203	7,987	7,512	67	90 462	130,949	1 133,765	8,658	8,184
68	81 552	107,076	839,979	7,845	7,370	68	89 616	117,663	1 002,817	8,523	8,048
69	79 951	95,213	732,903	7,697	7,223	69	88 701	105,635	885,154	8,379	7,905
70	78 265	84,541	637,690	7,543	7,069	70	87 677	94,707	779,519	8,231	7,756
71	76 503	74,955	553,149	7,380	6,905	71	86 577	84,824	684,812	8,073	7,599
72	74 595	66,291	478,195	7,214	6,739	72	85 381	75,875	599,987	7,908	7,433
73	72 635	58,547	411,904	7,035	6,561	73	84 104	67,792	524,112	7,731	7,257
74	70 541	51,573	353,357	6,852	6,377	74	82 697	60,461	456,320	7,547	7,073
75	68 341	45,320	301,784	6,659	6,185	75	81 192	53,842	395,859	7,352	6,878
76	66 001	39,699	256,464	6,460	5,986	76	79 559	47,854	342,017	7,147	6,673
77	63 529	34,660	216,765	6,254	5,780	77	77 797	42,443	294,164	6,931	6,456
78	60 972	30,172	182,106	6,036	5,561	78	75 934	37,576	251,721	6,699	6,225
79	58 245	26,143	151,934	5,812	5,337	79	73 868	33,155	214,145	6,459	5,984
80	55 363	22,539	125,792	5,581	5,107	80	71 592	29,146	180,990	6,210	5,735
81	52 275	19,303	103,253	5,349	4,875	81	69 068	25,504	151,844	5,954	5,479
82	49 023	16,419	83,950	5,113	4,638	82	66 277	22,198	126,340	5,691	5,217
83	45 621	13,859	67,530	4,873	4,398	83	63 161	19,188	104,142	5,427	4,953
84	42 017	11,578	53,671	4,636	4,161	84	59 675	16,443	84,954	5,166	4,692
85	38 253	9,561	42,093	4,403	3,928	85	55 869	13,963	68,510	4,906	4,432
86	34 355	7,788	32,533	4,177	3,703	86	51 751	11,732	54,547	4,650	4,175
87	30 415	6,254	24,745	3,957	3,482	87	47 338	9,734	42,815	4,399	3,924
88	26 491	4,941	18,491	3,743	3,268	88	42 647	7,954	33,082	4,159	3,685
89	22 604	3,824	13,550	3,544	3,069	89	37 815	6,397	25,128	3,928	3,454
90	18 870	2,895	9,726	3,359	2,885	90	32 944	5,055	18,731	3,706	3,231
91	15 409	2,145	6,831	3,185	2,711	91	28 098	3,910	13,676	3,497	3,023
92	12 317	1,555	4,686	3,014	2,540	92	23 435	2,958	9,766	3,301	2,827
93	9 559	1,094	3,132	2,861	2,387	93	19 031	2,179	6,808	3,124	2,650
94	7 217	0,750	2,037	2,718	2,244	94	15 045	1,562	4,629	2,962	2,488
95	5 269	0,496	1,288	2,594	2,120	95	11 593	1,092	3,066	2,808	2,334
96	3 736	0,319	0,791	2,479	2,005	96	8 645	0,739	1,974	2,673	2,198
97	2 561	0,198	0,472	2,379	1,904	97	6 230	0,483	1,236	2,559	2,085
98	1 708	0,120	0,274	2,279	1,804	98	4 394	0,309	0,753	2,437	1,963
99	1 107	0,071	0,154	2,176	1,702	99	2 992	0,191	0,444	2,327	1,852
100	686	0,040	0,083	2,094	1,619	100	1 965	0,114	0,253	2,227	1,753

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 10,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 046 691,340	10,467	9,992	0	100 000	100 000,000	1 048 015,365	10,480	10,005
1	99 661	90 191,314	946 691,340	10,496	10,022	1	99 711	90 236,030	948 015,365	10,506	10,031
2	99 637	81 601,373	856 500,026	10,496	10,021	2	99 689	81 643,403	857 779,335	10,506	10,032
3	99 624	73 837,573	774 898,653	10,495	10,020	3	99 676	73 875,724	776 135,932	10,506	10,031
4	99 612	66 813,412	701 061,079	10,493	10,018	4	99 666	66 849,193	702 260,208	10,505	10,030
5	99 601	60 457,727	634 247,667	10,491	10,016	5	99 656	60 491,438	635 411,016	10,504	10,029
6	99 592	54 707,903	573 789,940	10,488	10,013	6	99 650	54 739,664	574 919,577	10,503	10,028
7	99 583	49 504,957	519 082,037	10,485	10,011	7	99 642	49 534,540	520 179,914	10,501	10,027
8	99 573	44 796,512	469 577,080	10,482	10,008	8	99 638	44 825,503	470 645,374	10,500	10,025
9	99 566	40 536,742	424 780,568	10,479	10,004	9	99 630	40 563,143	425 819,871	10,498	10,023
10	99 558	36 681,890	384 243,826	10,475	10,000	10	99 625	36 706,775	385 256,728	10,496	10,021
11	99 550	33 193,809	347 561,936	10,471	9,996	11	99 620	33 216,954	348 549,953	10,493	10,018
12	99 543	30 037,570	314 368,127	10,466	9,991	12	99 612	30 058,280	315 332,999	10,491	10,016
13	99 535	27 180,914	284 330,558	10,461	9,986	13	99 606	27 200,345	285 274,718	10,488	10,013
14	99 525	24 595,827	257 149,643	10,455	9,980	14	99 598	24 613,751	258 074,374	10,485	10,010
15	99 513	22 255,917	232 553,816	10,449	9,974	15	99 589	22 272,833	233 460,623	10,482	10,007
16	99 497	20 137,971	210 297,899	10,443	9,968	16	99 577	20 154,076	211 187,790	10,479	10,004
17	99 475	18 220,241	190 159,928	10,437	9,962	17	99 564	18 236,651	191 033,714	10,475	10,000
18	99 448	16 484,509	171 939,688	10,430	9,956	18	99 551	16 501,617	172 797,063	10,472	9,997
19	99 410	14 912,349	155 455,178	10,425	9,950	19	99 535	14 931,166	156 295,445	10,468	9,993
20	99 370	13 489,893	140 542,829	10,418	9,944	20	99 519	13 510,147	141 364,279	10,464	9,989
21	99 329	12 203,010	127 052,936	10,412	9,937	21	99 503	12 224,376	127 854,133	10,459	9,984
22	99 289	11 038,982	114 849,926	10,404	9,929	22	99 486	11 060,905	115 629,757	10,454	9,979
23	99 247	9 985,841	103 810,944	10,396	9,921	23	99 469	10 008,189	104 568,852	10,448	9,974
24	99 205	9 033,163	93 825,103	10,387	9,912	24	99 453	9 055,704	94 560,663	10,442	9,967
25	99 160	8 171,063	84 791,941	10,377	9,902	25	99 436	8 193,861	85 504,959	10,435	9,960
26	99 116	7 391,361	76 620,877	10,366	9,891	26	99 417	7 413,817	77 311,099	10,428	9,953
27	99 072	6 686,067	69 229,516	10,354	9,879	27	99 399	6 708,141	69 897,282	10,420	9,945
28	99 028	6 048,018	62 543,449	10,341	9,866	28	99 379	6 069,442	63 189,141	10,411	9,936
29	98 982	5 470,788	56 495,431	10,327	9,852	29	99 355	5 491,401	57 119,699	10,402	9,927
30	98 933	4 948,497	51 024,643	10,311	9,836	30	99 330	4 968,367	51 628,298	10,391	9,917
31	98 881	4 475,913	46 076,146	10,294	9,819	31	99 302	4 494,988	46 659,931	10,380	9,906
32	98 824	4 048,276	41 600,233	10,276	9,801	32	99 270	4 066,553	42 164,943	10,369	9,894
33	98 764	3 661,360	37 551,957	10,256	9,781	33	99 237	3 678,902	38 098,390	10,356	9,881
34	98 695	3 311,125	33 890,596	10,235	9,761	34	99 202	3 328,157	34 419,488	10,342	9,867
35	98 625	2 994,388	30 579,471	10,212	9,737	35	99 164	3 010,757	31 091,331	10,327	9,852
36	98 551	2 707,807	27 585,084	10,187	9,712	36	99 118	2 723,395	28 080,574	10,311	9,836
37	98 464	2 448,340	24 877,277	10,161	9,686	37	99 071	2 463,435	25 357,179	10,293	9,819
38	98 365	2 213,482	22 428,936	10,133	9,658	38	99 021	2 228,228	22 893,744	10,274	9,800
39	98 266	2 001,116	20 215,454	10,102	9,627	39	98 966	2 015,378	20 665,516	10,254	9,779
40	98 152	1 808,874	18 214,338	10,069	9,595	40	98 901	1 822,685	18 650,138	10,232	9,757
41	98 031	1 634,964	16 405,465	10,034	9,559	41	98 839	1 648,444	16 827,453	10,208	9,733
42	97 888	1 477,459	14 770,501	9,997	9,522	42	98 766	1 490,711	15 179,009	10,182	9,708
43	97 750	1 335,175	13 293,042	9,956	9,481	43	98 687	1 347,972	13 688,297	10,155	9,680
44	97 594	1 206,377	11 957,867	9,912	9,437	44	98 598	1 218,791	12 340,326	10,125	9,650
45	97 425	1 089,851	10 751,490	9,865	9,390	45	98 505	1 101,935	11 121,534	10,093	9,618
46	97 242	984,437	9 661,639	9,814	9,340	46	98 399	996,154	10 019,599	10,058	9,583
47	97 041	889,055	8 677,203	9,760	9,285	47	98 283	900,429	9 023,446	10,021	9,546
48	96 815	802,699	7 788,148	9,702	9,228	48	98 155	813,809	8 123,016	9,981	9,507
49	96 561	724,518	6 985,449	9,642	9,167	49	98 006	735,362	7 309,207	9,940	9,465

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 10,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	653,747	6 260,931	9,577	9,102	50	97 841	664,365	6 573,846	9,895	9,420
51	95 968	589,725	5 607,184	9,508	9,033	51	97 661	600,126	5 909,481	9,847	9,372
52	95 624	531,778	5 017,459	9,435	8,960	52	97 458	541,973	5 309,355	9,796	9,322
53	95 242	479,324	4 485,681	9,358	8,884	53	97 243	489,392	4 767,381	9,741	9,267
54	94 812	431,819	4 006,357	9,278	8,803	54	97 002	441,791	4 277,989	9,683	9,208
55	94 338	388,830	3 574,537	9,193	8,718	55	96 735	398,710	3 836,198	9,622	9,147
56	93 801	349,881	3 185,708	9,105	8,630	56	96 434	359,700	3 437,488	9,557	9,082
57	93 207	314,629	2 835,827	9,013	8,538	57	96 108	324,420	3 077,788	9,487	9,012
58	92 548	282,719	2 521,198	8,918	8,443	58	95 747	292,490	2 753,368	9,414	8,939
59	91 833	253,878	2 238,479	8,817	8,342	59	95 347	263,592	2 460,878	9,336	8,861
60	91 035	227,758	1 984,601	8,714	8,239	60	94 905	237,439	2 197,286	9,254	8,779
61	90 165	204,146	1 756,843	8,606	8,131	61	94 418	213,776	1 959,847	9,168	8,693
62	89 210	182,791	1 552,697	8,494	8,020	62	93 891	192,381	1 746,071	9,076	8,601
63	88 162	163,477	1 369,906	8,380	7,905	63	93 316	173,035	1 553,690	8,979	8,504
64	87 020	146,027	1 206,429	8,262	7,787	64	92 685	155,534	1 380,655	8,877	8,402
65	85 790	130,283	1 060,403	8,139	7,664	65	91 999	139,712	1 225,121	8,769	8,294
66	84 473	116,093	930,120	8,012	7,537	66	91 261	125,423	1 085,409	8,654	8,179
67	83 054	103,297	814,027	7,880	7,406	67	90 462	112,511	959,986	8,532	8,058
68	81 552	91,791	710,730	7,743	7,268	68	89 616	100,867	847,475	8,402	7,927
69	79 951	81,437	618,939	7,600	7,125	69	88 701	90,351	746,608	8,263	7,789
70	78 265	72,145	537,501	7,450	6,975	70	87 677	80,821	656,258	8,120	7,645
71	76 503	63,820	465,356	7,292	6,817	71	86 577	72,224	575,436	7,967	7,493
72	74 595	56,315	401,536	7,130	6,655	72	85 381	64,458	503,213	7,807	7,332
73	72 635	49,625	345,221	6,957	6,482	73	84 104	57,461	438,755	7,636	7,161
74	70 541	43,614	295,596	6,777	6,303	74	82 697	51,130	381,294	7,457	6,982
75	68 341	38,239	251,982	6,590	6,115	75	81 192	45,430	330,164	7,268	6,793
76	66 001	33,421	213,742	6,395	5,921	76	79 559	40,286	284,733	7,068	6,593
77	63 529	29,112	180,321	6,194	5,719	77	77 797	35,650	244,447	6,857	6,382
78	60 972	25,285	151,209	5,980	5,505	78	75 934	31,491	208,797	6,630	6,156
79	58 245	21,859	125,924	5,761	5,286	79	73 868	27,723	177,306	6,396	5,921
80	55 363	18,804	104,064	5,534	5,059	80	71 592	24,316	149,584	6,152	5,677
81	52 275	16,068	85,261	5,306	4,832	81	69 068	21,229	125,268	5,901	5,426
82	49 023	13,636	69,193	5,074	4,599	82	66 277	18,435	104,039	5,643	5,169
83	45 621	11,484	55,557	4,838	4,363	83	63 161	15,899	85,603	5,384	4,909
84	42 017	9,572	44,073	4,604	4,130	84	59 675	13,594	69,704	5,127	4,653
85	38 253	7,886	34,501	4,375	3,900	85	55 869	11,518	56,109	4,871	4,397
86	34 355	6,410	26,615	4,152	3,677	86	51 751	9,655	44,591	4,618	4,144
87	30 415	5,135	20,205	3,934	3,460	87	47 338	7,993	34,936	4,371	3,896
88	26 491	4,048	15,070	3,723	3,248	88	42 647	6,516	26,943	4,135	3,660
89	22 604	3,126	11,022	3,526	3,051	89	37 815	5,229	20,427	3,906	3,432
90	18 870	2,361	7,896	3,344	2,869	90	32 944	4,123	15,198	3,686	3,212
91	15 409	1,745	5,535	3,172	2,697	91	28 098	3,182	11,075	3,481	3,006
92	12 317	1,262	3,790	3,002	2,527	92	23 435	2,402	7,893	3,286	2,812
93	9 559	0,887	2,527	2,851	2,376	93	19 031	1,765	5,491	3,111	2,636
94	7 217	0,606	1,641	2,709	2,234	94	15 045	1,263	3,726	2,951	2,476
95	5 269	0,400	1,035	2,586	2,111	95	11 593	0,881	2,464	2,798	2,323
96	3 736	0,257	0,635	2,471	1,997	96	8 645	0,594	1,583	2,664	2,189
97	2 561	0,159	0,378	2,372	1,897	97	6 230	0,388	0,989	2,551	2,076
98	1 708	0,096	0,219	2,273	1,798	98	4 394	0,247	0,601	2,430	1,955
99	1 107	0,056	0,122	2,171	1,696	99	2 992	0,152	0,354	2,320	1,846
100	686	0,032	0,066	2,089	1,614	100	1 965	0,091	0,201	2,222	1,747

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 10,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 024 831,374	10,248	9,773	0	100 000	100 000,000	1 026 066,690	10,261	9,785
1	99 661	89 987,722	924 831,374	10,277	9,802	1	99 711	90 032,337	926 066,690	10,286	9,811
2	99 637	81 233,385	834 843,651	10,277	9,802	2	99 689	81 275,226	836 034,353	10,286	9,811
3	99 624	73 338,672	753 610,266	10,276	9,801	3	99 676	73 376,565	754 759,128	10,286	9,811
4	99 612	66 212,171	680 271,594	10,274	9,799	4	99 666	66 247,629	681 382,563	10,285	9,810
5	99 601	59 778,434	614 059,423	10,272	9,797	5	99 656	59 811,766	615 134,934	10,285	9,809
6	99 592	53 971,107	554 280,989	10,270	9,795	6	99 650	54 002,440	555 323,168	10,283	9,808
7	99 583	48 727,989	500 309,882	10,267	9,792	7	99 642	48 757,108	501 320,728	10,282	9,807
8	99 573	43 993,908	451 581,893	10,265	9,789	8	99 638	44 022,380	452 563,620	10,280	9,805
9	99 566	39 720,594	407 587,985	10,261	9,786	9	99 630	39 746,462	408 541,240	10,279	9,804
10	99 558	35 862,217	367 867,391	10,258	9,783	10	99 625	35 886,546	368 794,777	10,277	9,802
11	99 550	32 378,823	332 005,174	10,254	9,779	11	99 620	32 401,401	332 908,231	10,275	9,799
12	99 543	29 233,937	299 626,351	10,249	9,774	12	99 612	29 254,094	300 506,831	10,272	9,797
13	99 535	26 393,995	270 392,414	10,244	9,769	13	99 606	26 412,862	271 252,737	10,270	9,795
14	99 525	23 829,835	243 998,419	10,239	9,764	14	99 598	23 847,201	244 839,875	10,267	9,792
15	99 513	21 514,123	220 168,584	10,234	9,759	15	99 589	21 530,475	220 992,674	10,264	9,789
16	99 497	19 422,825	198 654,462	10,228	9,753	16	99 577	19 438,358	199 462,200	10,261	9,786
17	99 475	17 533,529	179 231,637	10,222	9,747	17	99 564	17 549,321	180 023,841	10,258	9,783
18	99 448	15 827,408	161 698,107	10,216	9,741	18	99 551	15 843,834	162 474,520	10,255	9,780
19	99 410	14 285,597	145 870,699	10,211	9,736	19	99 535	14 303,623	146 630,686	10,251	9,776
20	99 370	12 893,754	131 585,103	10,205	9,730	20	99 519	12 913,112	132 327,063	10,247	9,772
21	99 329	11 637,411	118 691,349	10,199	9,724	21	99 503	11 657,786	119 413,951	10,243	9,768
22	99 289	10 503,571	107 053,938	10,192	9,717	22	99 486	10 524,431	107 756,165	10,239	9,763
23	99 247	9 480,061	96 550,367	10,185	9,709	23	99 469	9 501,278	97 231,734	10,234	9,758
24	99 205	8 556,278	87 070,306	10,176	9,701	24	99 453	8 577,628	87 730,456	10,228	9,753
25	99 160	7 722,220	78 514,028	10,167	9,692	25	99 436	7 743,765	79 152,828	10,221	9,746
26	99 116	6 969,579	70 791,809	10,157	9,682	26	99 417	6 990,753	71 409,063	10,215	9,740
27	99 072	6 290,301	63 822,230	10,146	9,671	27	99 399	6 311,067	64 418,310	10,207	9,732
28	99 028	5 677,175	57 531,929	10,134	9,659	28	99 379	5 697,286	58 107,242	10,199	9,724
29	98 982	5 123,747	51 854,754	10,120	9,645	29	99 355	5 143,052	52 409,957	10,190	9,715
30	98 933	4 624,125	46 731,007	10,106	9,631	30	99 330	4 642,693	47 266,905	10,181	9,706
31	98 881	4 173,078	42 106,882	10,090	9,615	31	99 302	4 190,862	42 624,212	10,171	9,696
32	98 824	3 765,854	37 933,804	10,073	9,598	32	99 270	3 782,856	38 433,350	10,160	9,685
33	98 764	3 398,243	34 167,950	10,055	9,579	33	99 237	3 414,524	34 650,494	10,148	9,673
34	98 695	3 066,239	30 769,707	10,035	9,560	34	99 202	3 082,012	31 235,970	10,135	9,660
35	98 625	2 766,668	27 703,468	10,013	9,538	35	99 164	2 781,792	28 153,958	10,121	9,646
36	98 551	2 496,234	24 936,800	9,990	9,515	36	99 118	2 510,604	25 372,166	10,106	9,631
37	98 464	2 251,945	22 440,566	9,965	9,490	37	99 071	2 265,830	22 861,562	10,090	9,615
38	98 365	2 031,331	20 188,621	9,939	9,463	38	99 021	2 044,863	20 595,732	10,072	9,597
39	98 266	1 832,295	18 157,290	9,910	9,434	39	98 966	1 845,354	18 550,870	10,053	9,578
40	98 152	1 652,532	16 324,995	9,879	9,404	40	98 901	1 665,150	16 705,515	10,032	9,557
41	98 031	1 490,282	14 672,463	9,845	9,370	41	98 839	1 502,569	15 040,366	10,010	9,535
42	97 888	1 343,675	13 182,181	9,811	9,335	42	98 766	1 355,727	13 537,796	9,986	9,510
43	97 750	1 211,534	11 838,506	9,772	9,296	43	98 687	1 223,145	12 182,069	9,960	9,484
44	97 594	1 092,192	10 626,972	9,730	9,255	44	98 598	1 103,431	10 958,923	9,932	9,457
45	97 425	984,468	9 534,780	9,685	9,210	45	98 505	995,384	9 855,492	9,901	9,426
46	97 242	887,239	8 550,313	9,637	9,162	46	98 399	897,799	8 860,109	9,869	9,394
47	97 041	799,466	7 663,073	9,585	9,110	47	98 283	809,694	7 962,309	9,834	9,359
48	96 815	720,183	6 863,607	9,530	9,055	48	98 155	730,151	7 152,615	9,796	9,321
49	96 561	648,571	6 143,424	9,472	8,997	49	98 006	658,278	6 422,464	9,756	9,281

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 10,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	583,898	5 494,853	9,411	8,935	50	97 841	593,381	5 764,186	9,714	9,239
51	95 968	525,527	4 910,955	9,345	8,870	51	97 661	534,796	5 170,805	9,669	9,194
52	95 624	472,819	4 385,428	9,275	8,800	52	97 458	481,883	4 636,008	9,621	9,145
53	95 242	425,218	3 912,609	9,201	8,726	53	97 243	434,150	4 154,125	9,568	9,093
54	94 812	382,211	3 487,391	9,124	8,649	54	97 002	391,037	3 719,975	9,513	9,038
55	94 338	343,383	3 105,179	9,043	8,568	55	96 735	352,109	3 328,937	9,454	8,979
56	93 801	308,290	2 761,796	8,958	8,483	56	96 434	316,942	2 976,828	9,392	8,917
57	93 207	276,602	2 453,507	8,870	8,395	57	96 108	285,210	2 659,887	9,326	8,851
58	92 548	247,988	2 176,904	8,778	8,303	58	95 747	256,558	2 374,677	9,256	8,781
59	91 833	222,187	1 928,916	8,681	8,206	59	95 347	230,689	2 118,119	9,182	8,707
60	91 035	198,877	1 706,729	8,582	8,107	60	94 905	207,331	1 887,430	9,103	8,628
61	90 165	177,858	1 507,852	8,478	8,003	61	94 418	186,247	1 680,099	9,021	8,546
62	89 210	158,893	1 329,994	8,370	7,895	62	93 891	167,229	1 493,852	8,933	8,458
63	88 162	141,783	1 171,102	8,260	7,785	63	93 316	150,073	1 326,622	8,840	8,365
64	87 020	126,363	1 029,318	8,146	7,671	64	92 685	134,590	1 176,550	8,742	8,267
65	85 790	112,485	902,956	8,027	7,552	65	91 999	120,625	1 041,960	8,638	8,163
66	84 473	100,007	790,471	7,904	7,429	66	91 261	108,044	921,334	8,527	8,052
67	83 054	88,783	690,464	7,777	7,302	67	90 462	96,702	813,290	8,410	7,935
68	81 552	78,716	601,681	7,644	7,169	68	89 616	86,499	716,588	8,284	7,809
69	79 951	69,679	522,966	7,505	7,030	69	88 701	77,306	630,089	8,151	7,675
70	78 265	61,589	453,286	7,360	6,885	70	87 677	68,996	552,783	8,012	7,537
71	76 503	54,359	391,697	7,206	6,731	71	86 577	61,517	483,787	7,864	7,389
72	74 595	47,859	337,338	7,049	6,573	72	85 381	54,778	422,270	7,709	7,234
73	72 635	42,078	289,479	6,880	6,404	73	84 104	48,722	367,492	7,543	7,067
74	70 541	36,898	247,401	6,705	6,230	74	82 697	43,257	318,770	7,369	6,894
75	68 341	32,278	210,503	6,522	6,046	75	81 192	38,347	275,513	7,185	6,710
76	66 001	28,147	178,226	6,332	5,857	76	79 559	33,928	237,166	6,990	6,515
77	63 529	24,463	150,079	6,135	5,660	77	77 797	29,957	203,237	6,784	6,309
78	60 972	21,199	125,616	5,926	5,450	78	75 934	26,401	173,281	6,563	6,088
79	58 245	18,285	104,417	5,710	5,235	79	73 868	23,190	146,879	6,334	5,859
80	55 363	15,694	86,132	5,488	5,013	80	71 592	20,294	123,689	6,095	5,620
81	52 275	13,380	70,438	5,264	4,789	81	69 068	17,678	103,395	5,849	5,374
82	49 023	11,330	57,058	5,036	4,561	82	66 277	15,317	85,717	5,596	5,121
83	45 621	9,520	45,729	4,803	4,328	83	63 161	13,180	70,400	5,341	4,866
84	42 017	7,917	36,209	4,574	4,098	84	59 675	11,244	57,220	5,089	4,614
85	38 253	6,508	28,292	4,347	3,872	85	55 869	9,505	45,976	4,837	4,362
86	34 355	5,277	21,784	4,128	3,653	86	51 751	7,950	36,471	4,588	4,112
87	30 415	4,219	16,506	3,913	3,437	87	47 338	6,566	28,521	4,344	3,869
88	26 491	3,318	12,288	3,704	3,228	88	42 647	5,341	21,955	4,110	3,635
89	22 604	2,556	8,970	3,509	3,034	89	37 815	4,276	16,614	3,885	3,410
90	18 870	1,927	6,414	3,329	2,853	90	32 944	3,364	12,337	3,668	3,192
91	15 409	1,421	4,487	3,158	2,683	91	28 098	2,591	8,974	3,464	2,989
92	12 317	1,025	3,066	2,990	2,515	92	23 435	1,951	6,383	3,272	2,797
93	9 559	0,719	2,041	2,840	2,365	93	19 031	1,431	4,432	3,098	2,623
94	7 217	0,490	1,322	2,699	2,224	94	15 045	1,021	3,002	2,939	2,464
95	5 269	0,323	0,832	2,578	2,102	95	11 593	0,710	1,980	2,788	2,312
96	3 736	0,207	0,509	2,464	1,989	96	8 645	0,478	1,270	2,655	2,180
97	2 561	0,128	0,303	2,365	1,890	97	6 230	0,311	0,792	2,543	2,068
98	1 708	0,077	0,175	2,267	1,792	98	4 394	0,198	0,480	2,423	1,948
99	1 107	0,045	0,098	2,165	1,690	99	2 992	0,122	0,282	2,314	1,839
100	686	0,025	0,053	2,084	1,609	100	1 965	0,072	0,160	2,216	1,741

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 11,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 003 948,608	10,039	9,564	0	100 000	100 000,000	1 005 104,531	10,051	9,576
1	99 661	89 785,047	903 948,608	10,068	9,592	1	99 711	89 829,561	905 104,531	10,076	9,600
2	99 637	80 867,881	814 163,561	10,068	9,592	2	99 689	80 909,533	815 274,970	10,076	9,601
3	99 624	72 844,256	733 295,680	10,067	9,591	3	99 676	72 881,893	734 365,437	10,076	9,601
4	99 612	65 617,677	660 451,424	10,065	9,590	4	99 666	65 652,817	661 483,543	10,075	9,600
5	99 601	59 108,279	594 833,747	10,063	9,588	5	99 656	59 141,237	595 830,726	10,075	9,599
6	99 592	53 245,862	535 725,468	10,061	9,586	6	99 650	53 276,774	536 689,489	10,074	9,598
7	99 583	47 964,926	482 479,606	10,059	9,583	7	99 642	47 993,589	483 412,715	10,072	9,597
8	99 573	43 207,446	434 514,680	10,056	9,581	8	99 638	43 235,408	435 419,126	10,071	9,595
9	99 566	38 922,662	391 307,234	10,053	9,578	9	99 630	38 948,011	392 183,718	10,069	9,594
10	99 558	35 062,647	352 384,572	10,050	9,575	10	99 625	35 086,433	353 235,706	10,068	9,592
11	99 550	31 585,618	317 321,925	10,046	9,571	11	99 620	31 607,642	318 149,273	10,066	9,590
12	99 543	28 453,545	285 736,307	10,042	9,567	12	99 612	28 473,163	286 541,631	10,064	9,588
13	99 535	25 631,555	257 282,762	10,038	9,562	13	99 606	25 649,878	258 068,467	10,061	9,586
14	99 525	23 089,345	231 651,207	10,033	9,557	14	99 598	23 106,171	232 418,590	10,059	9,583
15	99 513	20 798,642	208 561,862	10,028	9,552	15	99 589	20 814,450	209 312,418	10,056	9,581
16	99 497	18 734,603	187 763,220	10,022	9,547	16	99 577	18 749,586	188 497,968	10,053	9,578
17	99 475	16 874,161	169 028,617	10,017	9,541	17	99 564	16 889,360	169 748,382	10,051	9,575
18	99 448	15 197,894	152 154,455	10,012	9,536	18	99 551	15 213,666	152 859,023	10,047	9,572
19	99 410	13 686,511	136 956,562	10,007	9,531	19	99 535	13 703,781	137 645,356	10,044	9,569
20	99 370	12 325,215	123 270,051	10,001	9,526	20	99 519	12 343,719	123 941,575	10,041	9,565
21	99 329	11 099,215	110 944,836	9,996	9,520	21	99 503	11 118,648	111 597,855	10,037	9,561
22	99 289	9 995,249	99 845,621	9,989	9,514	22	99 486	10 015,099	100 479,208	10,033	9,557
23	99 247	9 000,953	89 850,372	9,982	9,507	23	99 469	9 021,098	90 464,109	10,028	9,553
24	99 205	8 105,560	80 849,419	9,975	9,499	24	99 453	8 125,786	81 443,011	10,023	9,547
25	99 160	7 298,961	72 743,859	9,966	9,491	25	99 436	7 319,325	73 317,225	10,017	9,541
26	99 116	6 572,736	65 444,898	9,957	9,481	26	99 417	6 592,705	65 997,900	10,011	9,535
27	99 072	5 918,775	58 872,162	9,947	9,471	27	99 399	5 938,315	59 405,195	10,004	9,528
28	99 028	5 329,831	52 953,387	9,935	9,460	28	99 379	5 348,711	53 466,880	9,996	9,521
29	98 982	4 799,429	47 623,556	9,923	9,447	29	99 355	4 817,512	48 118,168	9,988	9,513
30	98 933	4 321,677	42 824,127	9,909	9,434	30	99 330	4 339,030	43 300,656	9,979	9,504
31	98 881	3 891,346	38 502,450	9,894	9,419	31	99 302	3 907,931	38 961,626	9,970	9,494
32	98 824	3 503,706	34 611,103	9,878	9,403	32	99 270	3 519,525	35 053,696	9,960	9,484
33	98 764	3 154,564	31 107,397	9,861	9,386	33	99 237	3 169,678	31 534,171	9,949	9,473
34	98 695	2 839,957	27 952,833	9,843	9,367	34	99 202	2 854,565	28 364,493	9,937	9,461
35	98 625	2 556,722	25 112,876	9,822	9,347	35	99 164	2 570,699	25 509,928	9,923	9,448
36	98 551	2 301,614	22 556,154	9,800	9,325	36	99 118	2 314,863	22 939,229	9,910	9,434
37	98 464	2 071,695	20 254,540	9,777	9,301	37	99 071	2 084,468	20 624,366	9,894	9,419
38	98 365	1 864,530	18 182,845	9,752	9,276	38	99 021	1 876,951	18 539,898	9,878	9,402
39	98 266	1 678,050	16 318,315	9,725	9,249	39	98 966	1 690,010	16 662,947	9,860	9,384
40	98 152	1 510,011	14 640,265	9,695	9,220	40	98 901	1 521,541	14 972,937	9,841	9,365
41	98 031	1 358,687	13 130,253	9,664	9,188	41	98 839	1 369,890	13 451,396	9,819	9,344
42	97 888	1 222,267	11 771,566	9,631	9,155	42	98 766	1 233,230	12 081,507	9,797	9,321
43	97 750	1 099,583	10 549,300	9,594	9,118	43	98 687	1 110,122	10 848,277	9,772	9,297
44	97 594	989,036	9 449,716	9,554	9,079	44	98 598	999,214	9 738,155	9,746	9,270
45	97 425	889,478	8 460,680	9,512	9,036	45	98 505	899,341	8 738,941	9,717	9,242
46	97 242	799,826	7 571,202	9,466	8,991	46	98 399	809,346	7 839,600	9,686	9,211
47	97 041	719,078	6 771,376	9,417	8,941	47	98 283	728,277	7 030,254	9,653	9,178
48	96 815	646,307	6 052,298	9,364	8,889	48	98 155	655,253	6 301,977	9,618	9,142
49	96 561	580,731	5 405,991	9,309	8,833	49	98 006	589,422	5 646,724	9,580	9,105

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 11,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	521,644	4 825,260	9,250	8,775	50	97 841	530,117	5 057,302	9,540	9,064
51	95 968	468,440	4 303,616	9,187	8,712	51	97 661	476,702	4 527,185	9,497	9,021
52	95 624	420,508	3 835,176	9,120	8,645	52	97 458	428,570	4 050,483	9,451	8,976
53	95 242	377,322	3 414,669	9,050	8,574	53	97 243	385,248	3 621,913	9,402	8,926
54	94 812	338,395	3 037,347	8,976	8,500	54	97 002	346,210	3 236,666	9,349	8,873
55	94 338	303,334	2 698,951	8,898	8,422	55	96 735	311,042	2 890,456	9,293	8,817
56	93 801	271,720	2 395,617	8,817	8,341	56	96 434	279,345	2 579,415	9,234	8,758
57	93 207	243,242	2 123,898	8,732	8,256	57	96 108	250,812	2 300,069	9,171	8,695
58	92 548	217,588	1 880,656	8,643	8,168	58	95 747	225,108	2 049,258	9,103	8,628
59	91 833	194,511	1 663,068	8,550	8,074	59	95 347	201,953	1 824,150	9,033	8,557
60	91 035	173,712	1 468,557	8,454	7,978	60	94 905	181,097	1 622,197	8,958	8,482
61	90 165	155,002	1 294,845	8,354	7,878	61	94 418	162,314	1 441,100	8,878	8,403
62	89 210	138,163	1 139,842	8,250	7,774	62	93 891	145,412	1 278,786	8,794	8,319
63	88 162	123,008	1 001,680	8,143	7,668	63	93 316	130,200	1 133,375	8,705	8,229
64	87 020	109,382	878,672	8,033	7,557	64	92 685	116,504	1 003,175	8,611	8,135
65	85 790	97,150	769,289	7,919	7,443	65	91 999	104,181	886,671	8,511	8,035
66	84 473	86,179	672,140	7,799	7,324	66	91 261	93,105	782,490	8,404	7,929
67	83 054	76,334	585,961	7,676	7,201	67	90 462	83,143	689,386	8,292	7,816
68	81 552	67,526	509,627	7,547	7,072	68	89 616	74,203	606,242	8,170	7,695
69	79 951	59,640	442,100	7,413	6,937	69	88 701	66,167	532,039	8,041	7,565
70	78 265	52,597	382,461	7,272	6,796	70	87 677	58,922	465,872	7,907	7,431
71	76 503	46,318	329,864	7,122	6,646	71	86 577	52,417	406,950	7,764	7,288
72	74 595	40,687	283,546	6,969	6,493	72	85 381	46,570	354,533	7,613	7,137
73	72 635	35,692	242,859	6,804	6,329	73	84 104	41,328	307,964	7,452	6,976
74	70 541	31,228	207,167	6,634	6,159	74	82 697	36,609	266,636	7,283	6,808
75	68 341	27,256	175,940	6,455	5,980	75	81 192	32,381	230,027	7,104	6,628
76	66 001	23,714	148,684	6,270	5,794	76	79 559	28,585	197,646	6,914	6,439
77	63 529	20,564	124,970	6,077	5,602	77	77 797	25,182	169,061	6,714	6,238
78	60 972	17,780	104,406	5,872	5,397	78	75 934	22,143	143,879	6,498	6,022
79	58 245	15,302	86,626	5,661	5,186	79	73 868	19,406	121,735	6,273	5,797
80	55 363	13,103	71,324	5,443	4,968	80	71 592	16,945	102,329	6,039	5,564
81	52 275	11,146	58,221	5,223	4,748	81	69 068	14,727	85,384	5,798	5,322
82	49 023	9,417	47,075	4,999	4,523	82	66 277	12,731	70,657	5,550	5,074
83	45 621	7,895	37,657	4,770	4,294	83	63 161	10,931	57,926	5,299	4,824
84	42 017	6,551	29,762	4,543	4,068	84	59 675	9,304	46,995	5,051	4,576
85	38 253	5,373	23,211	4,320	3,845	85	55 869	7,847	37,691	4,803	4,328
86	34 355	4,347	17,838	4,103	3,628	86	51 751	6,549	29,844	4,557	4,082
87	30 415	3,467	13,491	3,891	3,415	87	47 338	5,397	23,296	4,317	3,841
88	26 491	2,721	10,024	3,684	3,209	88	42 647	4,380	17,899	4,087	3,611
89	22 604	2,091	7,303	3,492	3,017	89	37 815	3,499	13,519	3,864	3,388
90	18 870	1,573	5,212	3,314	2,838	90	32 944	2,746	10,020	3,649	3,173
91	15 409	1,157	3,639	3,145	2,669	91	28 098	2,110	7,274	3,448	2,972
92	12 317	0,833	2,482	2,978	2,503	92	23 435	1,585	5,164	3,257	2,782
93	9 559	0,583	1,649	2,830	2,354	93	19 031	1,160	3,579	3,085	2,610
94	7 217	0,396	1,066	2,690	2,214	94	15 045	0,826	2,419	2,928	2,453
95	5 269	0,261	0,670	2,569	2,094	95	11 593	0,573	1,593	2,778	2,302
96	3 736	0,167	0,409	2,457	1,981	96	8 645	0,385	1,019	2,646	2,170
97	2 561	0,103	0,243	2,359	1,883	97	6 230	0,250	0,634	2,535	2,059
98	1 708	0,062	0,140	2,261	1,785	98	4 394	0,159	0,384	2,416	1,940
99	1 107	0,036	0,078	2,160	1,684	99	2 992	0,098	0,225	2,308	1,832
100	686	0,020	0,042	2,079	1,604	100	1 965	0,058	0,128	2,210	1,735

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 11,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	983 979,972	9,840	9,364	0	100 000	100 000,000	985 064,639	9,851	9,375
1	99 661	89 583,283	883 979,972	9,868	9,392	1	99 711	89 627,697	885 064,639	9,875	9,399
2	99 637	80 504,839	794 396,689	9,868	9,392	2	99 689	80 546,303	795 436,942	9,876	9,400
3	99 624	72 354,274	713 891,851	9,867	9,391	3	99 676	72 391,658	714 890,638	9,875	9,399
4	99 612	65 029,840	641 537,577	9,865	9,389	4	99 666	65 064,666	642 498,980	9,875	9,399
5	99 601	58 447,119	576 507,737	9,864	9,388	5	99 656	58 479,709	577 434,315	9,874	9,398
6	99 592	52 531,962	518 060,618	9,862	9,386	6	99 650	52 562,459	518 954,606	9,873	9,397
7	99 583	47 215,489	465 528,656	9,860	9,384	7	99 642	47 243,704	466 392,147	9,872	9,396
8	99 573	42 436,765	418 313,167	9,857	9,381	8	99 638	42 464,229	419 148,442	9,871	9,395
9	99 566	38 142,501	375 876,402	9,855	9,379	9	99 630	38 167,342	376 684,214	9,869	9,393
10	99 558	34 282,642	337 733,901	9,851	9,376	10	99 625	34 305,900	338 516,872	9,868	9,392
11	99 550	30 813,564	303 451,258	9,848	9,372	11	99 620	30 835,050	304 210,972	9,866	9,390
12	99 543	27 695,671	272 637,695	9,844	9,368	12	99 612	27 714,767	273 375,922	9,864	9,388
13	99 535	24 892,781	244 942,024	9,840	9,364	13	99 606	24 910,576	245 661,155	9,862	9,386
14	99 525	22 373,454	220 049,243	9,835	9,359	14	99 598	22 389,759	220 750,579	9,859	9,384
15	99 513	20 108,486	197 675,788	9,830	9,355	15	99 589	20 123,769	198 360,821	9,857	9,381
16	99 497	18 072,234	177 567,303	9,825	9,350	16	99 577	18 086,687	178 237,051	9,855	9,379
17	99 475	16 240,990	159 495,068	9,821	9,345	17	99 564	16 255,618	160 150,364	9,852	9,376
18	99 448	14 594,750	143 254,078	9,815	9,340	18	99 551	14 609,897	143 894,746	9,849	9,373
19	99 410	13 113,813	128 659,328	9,811	9,335	19	99 535	13 130,360	129 284,849	9,846	9,370
20	99 370	11 782,940	115 545,515	9,806	9,330	20	99 519	11 800,631	116 154,489	9,843	9,367
21	99 329	10 587,037	103 762,575	9,801	9,325	21	99 503	10 605,572	104 353,858	9,840	9,364
22	99 289	9 512,588	93 175,539	9,795	9,319	22	99 486	9 531,480	93 748,285	9,836	9,360
23	99 247	8 547,057	83 662,950	9,789	9,313	23	99 469	8 566,185	84 216,805	9,831	9,355
24	99 205	7 679,519	75 115,894	9,781	9,305	24	99 453	7 698,682	75 650,620	9,826	9,351
25	99 160	6 899,777	67 436,375	9,774	9,298	25	99 436	6 919,027	67 951,938	9,821	9,345
26	99 116	6 199,307	60 536,598	9,765	9,289	26	99 417	6 218,141	61 032,911	9,815	9,339
27	99 072	5 569,955	54 337,291	9,755	9,280	27	99 399	5 588,344	54 814,770	9,809	9,333
28	99 028	5 004,450	48 767,336	9,745	9,269	28	99 379	5 022,177	49 226,426	9,802	9,326
29	98 982	4 496,301	43 762,886	9,733	9,257	29	99 355	4 513,242	44 204,249	9,794	9,318
30	98 933	4 039,625	39 266,585	9,720	9,244	30	99 330	4 055,846	39 691,007	9,786	9,310
31	98 881	3 629,206	35 226,960	9,707	9,231	31	99 302	3 644,673	35 635,161	9,777	9,301
32	98 824	3 260,336	31 597,754	9,692	9,216	32	99 270	3 275,056	31 990,488	9,768	9,292
33	98 764	2 928,849	28 337,417	9,675	9,199	33	99 237	2 942,881	28 715,432	9,758	9,282
34	98 695	2 630,828	25 408,568	9,658	9,182	34	99 202	2 644,360	25 772,551	9,746	9,270
35	98 625	2 363,127	22 777,741	9,639	9,163	35	99 164	2 376,045	23 128,191	9,734	9,258
36	98 551	2 122,555	20 414,614	9,618	9,142	36	99 118	2 134,774	20 752,145	9,721	9,245
37	98 464	1 906,230	18 292,058	9,596	9,120	37	99 071	1 917,983	18 617,371	9,707	9,231
38	98 365	1 711,756	16 385,828	9,573	9,097	38	99 021	1 723,159	16 699,388	9,691	9,215
39	98 266	1 537,094	14 674,072	9,547	9,071	39	98 966	1 548,049	14 976,229	9,674	9,198
40	98 152	1 380,062	13 136,979	9,519	9,043	40	98 901	1 390,599	13 428,180	9,656	9,180
41	98 031	1 238,970	11 756,917	9,489	9,013	41	98 839	1 249,185	12 037,581	9,636	9,160
42	97 888	1 112,065	10 517,947	9,458	8,982	42	98 766	1 122,040	10 788,396	9,615	9,139
43	97 750	998,195	9 405,882	9,423	8,947	43	98 687	1 007,762	9 666,356	9,592	9,116
44	97 594	895,823	8 407,687	9,385	8,910	44	98 598	905,042	8 658,594	9,567	9,091
45	97 425	803,838	7 511,864	9,345	8,869	45	98 505	812,751	7 753,552	9,540	9,064
46	97 242	721,193	6 708,026	9,301	8,825	46	98 399	729,777	6 940,801	9,511	9,035
47	97 041	646,926	5 986,832	9,254	8,778	47	98 283	655,203	6 211,024	9,480	9,004
48	96 815	580,151	5 339,906	9,204	8,728	48	98 155	588,181	5 555,821	9,446	8,970
49	96 561	520,115	4 759,755	9,151	8,675	49	98 006	527,900	4 967,640	9,410	8,934

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 11,25 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	466,147	4 239,640	9,095	8,619	50	97 841	473,718	4 439,740	9,372	8,896
51	95 968	417,662	3 773,493	9,035	8,559	51	97 661	425,028	3 966,023	9,331	8,855
52	95 624	374,083	3 355,831	8,971	8,495	52	97 458	381,255	3 540,994	9,288	8,812
53	95 242	334,911	2 981,748	8,903	8,427	53	97 243	341,945	3 159,740	9,240	8,765
54	94 812	299,684	2 646,838	8,832	8,356	54	97 002	306,605	2 817,794	9,190	8,714
55	94 338	268,030	2 347,153	8,757	8,281	55	96 735	274,841	2 511,189	9,137	8,661
56	93 801	239,556	2 079,123	8,679	8,203	56	96 434	246,279	2 236,349	9,081	8,605
57	93 207	213,967	1 839,567	8,597	8,122	57	96 108	220,626	1 990,070	9,020	8,544
58	92 548	190,970	1 625,600	8,512	8,036	58	95 747	197,570	1 769,444	8,956	8,480
59	91 833	170,333	1 434,629	8,423	7,947	59	95 347	176,850	1 571,874	8,888	8,412
60	91 035	151,778	1 264,297	8,330	7,854	60	94 905	158,230	1 395,023	8,816	8,341
61	90 165	135,126	1 112,519	8,233	7,757	61	94 418	141,500	1 236,794	8,741	8,265
62	89 210	120,175	977,393	8,133	7,657	62	93 891	126,480	1 095,294	8,660	8,184
63	88 162	106,753	857,218	8,030	7,554	63	93 316	112,994	968,814	8,574	8,098
64	87 020	94,714	750,465	7,923	7,448	64	92 685	100,881	855,820	8,483	8,008
65	85 790	83,933	655,751	7,813	7,337	65	91 999	90,008	754,938	8,387	7,912
66	84 473	74,287	571,817	7,697	7,221	66	91 261	80,258	664,930	8,285	7,809
67	83 054	65,653	497,530	7,578	7,102	67	90 462	71,510	584,673	8,176	7,700
68	81 552	57,947	431,876	7,453	6,977	68	89 616	63,677	513,163	8,059	7,583
69	79 951	51,065	373,929	7,323	6,847	69	88 701	56,654	449,486	7,934	7,458
70	78 265	44,933	322,864	7,185	6,710	70	87 677	50,337	392,832	7,804	7,328
71	76 503	39,480	277,931	7,040	6,564	71	86 577	44,679	342,496	7,666	7,190
72	74 595	34,603	238,451	6,891	6,415	72	85 381	39,606	297,817	7,520	7,044
73	72 635	30,286	203,849	6,731	6,255	73	84 104	35,068	258,211	7,363	6,887
74	70 541	26,439	173,563	6,565	6,089	74	82 697	30,995	223,143	7,199	6,723
75	68 341	23,024	147,124	6,390	5,914	75	81 192	27,354	192,148	7,025	6,549
76	66 001	19,987	124,100	6,209	5,733	76	79 559	24,093	164,795	6,840	6,364
77	63 529	17,293	104,113	6,020	5,545	77	77 797	21,177	140,702	6,644	6,168
78	60 972	14,919	86,820	5,820	5,344	78	75 934	18,580	119,525	6,433	5,957
79	58 245	12,810	71,901	5,613	5,137	79	73 868	16,246	100,946	6,213	5,738
80	55 363	10,945	59,091	5,399	4,923	80	71 592	14,154	84,699	5,984	5,508
81	52 275	9,289	48,146	5,183	4,707	81	69 068	12,274	70,546	5,748	5,272
82	49 023	7,831	38,856	4,962	4,486	82	66 277	10,587	58,272	5,504	5,028
83	45 621	6,550	31,026	4,737	4,261	83	63 161	9,069	47,685	5,258	4,782
84	42 017	5,423	24,475	4,513	4,038	84	59 675	7,702	38,617	5,014	4,538
85	38 253	4,438	19,053	4,293	3,817	85	55 869	6,481	30,915	4,770	4,294
86	34 355	3,582	14,615	4,080	3,604	86	51 751	5,397	24,433	4,528	4,052
87	30 415	2,851	11,032	3,870	3,394	87	47 338	4,437	19,037	4,290	3,814
88	26 491	2,232	8,181	3,666	3,190	88	42 647	3,593	14,600	4,063	3,587
89	22 604	1,712	5,949	3,475	2,999	89	37 815	2,864	11,006	3,843	3,367
90	18 870	1,285	4,237	3,299	2,823	90	32 944	2,243	8,142	3,631	3,155
91	15 409	0,943	2,953	3,132	2,656	91	28 098	1,719	5,900	3,431	2,955
92	12 317	0,677	2,010	2,967	2,491	92	23 435	1,289	4,180	3,243	2,767
93	9 559	0,473	1,332	2,819	2,344	93	19 031	0,941	2,891	3,073	2,597
94	7 217	0,321	0,860	2,681	2,205	94	15 045	0,669	1,950	2,917	2,441
95	5 269	0,211	0,539	2,561	2,085	95	11 593	0,463	1,282	2,768	2,292
96	3 736	0,134	0,329	2,449	1,973	96	8 645	0,310	0,819	2,637	2,161
97	2 561	0,083	0,194	2,352	1,876	97	6 230	0,201	0,508	2,527	2,051
98	1 708	0,050	0,112	2,255	1,779	98	4 394	0,127	0,307	2,409	1,933
99	1 107	0,029	0,062	2,155	1,679	99	2 992	0,078	0,180	2,302	1,826
100	686	0,016	0,033	2,074	1,598	100	1 965	0,046	0,102	2,205	1,729

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 11,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	964 867,590	9,649	9,172	0	100 000	100 000,000	965 888,124	9,659	9,183
1	99 661	89 382,424	864 867,590	9,676	9,200	1	99 711	89 426,738	865 888,124	9,683	9,206
2	99 637	80 144,235	775 485,166	9,676	9,200	2	99 689	80 185,514	776 461,386	9,683	9,207
3	99 624	71 868,676	695 340,931	9,675	9,199	3	99 676	71 905,809	696 275,872	9,683	9,207
4	99 612	64 448,571	623 472,255	9,674	9,198	4	99 666	64 483,086	624 370,062	9,683	9,206
5	99 601	57 794,814	559 023,683	9,673	9,196	5	99 656	57 827,040	559 886,976	9,682	9,206
6	99 592	51 829,203	501 228,869	9,671	9,195	6	99 650	51 859,293	502 059,936	9,681	9,205
7	99 583	46 479,405	449 399,666	9,669	9,193	7	99 642	46 507,180	450 200,644	9,680	9,204
8	99 573	41 681,514	402 920,261	9,667	9,190	8	99 638	41 708,489	403 693,463	9,679	9,203
9	99 566	37 379,677	361 238,747	9,664	9,188	9	99 630	37 404,021	361 984,974	9,678	9,201
10	99 558	33 521,683	323 859,070	9,661	9,185	10	99 625	33 544,424	324 580,954	9,676	9,200
11	99 550	30 062,051	290 337,388	9,658	9,182	11	99 620	30 083,013	291 036,530	9,674	9,198
12	99 543	26 959,617	260 275,337	9,654	9,178	12	99 612	26 978,206	260 953,517	9,673	9,196
13	99 535	24 176,888	233 315,720	9,650	9,174	13	99 606	24 194,171	233 975,312	9,671	9,194
14	99 525	21 681,293	209 138,832	9,646	9,170	14	99 598	21 697,093	209 781,141	9,669	9,192
15	99 513	19 442,703	187 457,539	9,642	9,165	15	99 589	19 457,481	188 084,048	9,666	9,190
16	99 497	17 434,692	168 014,836	9,637	9,161	16	99 577	17 448,635	168 626,567	9,664	9,188
17	99 475	15 632,920	150 580,144	9,632	9,156	17	99 564	15 647,000	151 177,931	9,662	9,186
18	99 448	14 016,817	134 947,224	9,628	9,151	18	99 551	14 031,364	135 530,932	9,659	9,183
19	99 410	12 566,284	120 930,407	9,623	9,147	19	99 535	12 582,140	121 499,568	9,657	9,180
20	99 370	11 265,662	108 364,123	9,619	9,143	20	99 519	11 282,576	108 917,427	9,654	9,177
21	99 329	10 099,564	97 098,461	9,614	9,138	21	99 503	10 117,246	97 634,851	9,650	9,174
22	99 289	9 054,241	86 998,897	9,609	9,132	22	99 486	9 072,223	87 517,605	9,647	9,170
23	99 247	8 116,991	77 944,656	9,603	9,126	23	99 469	8 135,157	78 445,382	9,643	9,166
24	99 205	7 276,754	69 827,665	9,596	9,120	24	99 453	7 294,912	70 310,225	9,638	9,162
25	99 160	6 523,247	62 550,911	9,589	9,113	25	99 436	6 541,447	63 015,313	9,633	9,157
26	99 116	5 847,862	56 027,664	9,581	9,105	26	99 417	5 865,628	56 473,866	9,628	9,152
27	99 072	5 242,408	50 179,802	9,572	9,096	27	99 399	5 259,715	50 608,238	9,622	9,146
28	99 028	4 699,597	44 937,394	9,562	9,086	28	99 379	4 716,244	45 348,522	9,615	9,139
29	98 982	4 212,935	40 237,797	9,551	9,075	29	99 355	4 228,809	40 632,278	9,608	9,132
30	98 933	3 776,553	36 024,862	9,539	9,063	30	99 330	3 791,718	36 403,469	9,601	9,125
31	98 881	3 385,255	32 248,309	9,526	9,050	31	99 302	3 399,682	32 611,752	9,593	9,116
32	98 824	3 034,361	28 863,054	9,512	9,036	32	99 270	3 048,060	29 212,070	9,584	9,108
33	98 764	2 719,738	25 828,693	9,497	9,020	33	99 237	2 732,768	26 164,009	9,574	9,098
34	98 695	2 437,517	23 108,955	9,481	9,004	34	99 202	2 450,055	23 431,241	9,564	9,087
35	98 625	2 184,577	20 671,439	9,462	8,986	35	99 164	2 196,520	20 981,187	9,552	9,076
36	98 551	1 957,783	18 486,861	9,443	8,966	36	99 118	1 969,053	18 784,667	9,540	9,064
37	98 464	1 754,308	16 529,079	9,422	8,946	37	99 071	1 765,125	16 815,614	9,527	9,050
38	98 365	1 571,801	14 774,770	9,400	8,924	38	99 021	1 582,272	15 050,490	9,512	9,036
39	98 266	1 408,255	13 202,969	9,375	8,899	39	98 966	1 418,292	13 468,218	9,496	9,020
40	98 152	1 261,551	11 794,714	9,349	8,873	40	98 901	1 271,183	12 049,926	9,479	9,003
41	98 031	1 130,035	10 533,163	9,321	8,845	41	98 839	1 139,353	10 778,743	9,460	8,984
42	97 888	1 012,014	9 403,128	9,291	8,815	42	98 766	1 021,092	9 639,390	9,440	8,964
43	97 750	906,352	8 391,114	9,258	8,782	43	98 687	915,039	8 618,298	9,419	8,942
44	97 594	811,576	7 484,762	9,223	8,746	44	98 598	819,927	7 703,260	9,395	8,919
45	97 425	726,608	6 673,186	9,184	8,708	45	98 505	734,665	6 883,333	9,369	8,893
46	97 242	650,442	5 946,578	9,142	8,666	46	98 399	658,184	6 148,667	9,342	8,866
47	97 041	582,153	5 296,136	9,098	8,621	47	98 283	589,600	5 490,483	9,312	8,836
48	96 815	520,893	4 713,983	9,050	8,574	48	98 155	528,103	4 900,883	9,280	8,804
49	96 561	465,942	4 193,090	8,999	8,523	49	98 006	472,916	4 372,780	9,246	8,770

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 11,50 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	416,658	3 727,148	8,945	8,469	50	97 841	423,426	3 899,864	9,210	8,734
51	95 968	372,484	3 310,489	8,888	8,411	51	97 661	379,054	3 476,439	9,171	8,695
52	95 624	332,871	2 938,006	8,826	8,350	52	97 458	339,253	3 097,385	9,130	8,654
53	95 242	297,346	2 605,135	8,761	8,285	53	97 243	303,592	2 758,132	9,085	8,609
54	94 812	265,474	2 307,789	8,693	8,217	54	97 002	271,605	2 454,541	9,037	8,561
55	94 338	236,901	2 042,314	8,621	8,145	55	96 735	242,921	2 182,936	8,986	8,510
56	93 801	211,259	1 805,413	8,546	8,070	56	96 434	217,188	1 940,015	8,932	8,456
57	93 207	188,270	1 594,154	8,467	7,991	57	96 108	194,129	1 722,827	8,875	8,398
58	92 548	167,658	1 405,884	8,385	7,909	58	95 747	173,453	1 528,699	8,813	8,337
59	91 833	149,205	1 238,226	8,299	7,823	59	95 347	154,914	1 355,246	8,748	8,272
60	91 035	132,653	1 089,021	8,210	7,733	60	94 905	138,292	1 200,333	8,680	8,203
61	90 165	117,835	956,368	8,116	7,640	61	94 418	123,393	1 062,041	8,607	8,131
62	89 210	104,562	838,534	8,019	7,543	62	93 891	110,048	938,648	8,529	8,053
63	88 162	92,675	733,972	7,920	7,444	63	93 316	98,094	828,600	8,447	7,971
64	87 020	82,040	641,296	7,817	7,341	64	92 685	87,382	730,506	8,360	7,884
65	85 790	72,539	559,256	7,710	7,233	65	91 999	77,788	643,125	8,268	7,791
66	84 473	64,058	486,718	7,598	7,122	66	91 261	69,206	565,336	8,169	7,693
67	83 054	56,486	422,659	7,483	7,006	67	90 462	61,525	496,130	8,064	7,588
68	81 552	49,744	366,173	7,361	6,885	68	89 616	54,663	434,605	7,951	7,474
69	79 951	43,738	316,429	7,235	6,758	69	88 701	48,525	379,942	7,830	7,354
70	78 265	38,400	272,691	7,101	6,625	70	87 677	43,018	331,417	7,704	7,228
71	76 503	33,664	234,291	6,960	6,483	71	86 577	38,096	288,400	7,570	7,094
72	74 595	29,439	200,628	6,815	6,339	72	85 381	33,695	250,303	7,428	6,952
73	72 635	25,709	171,189	6,659	6,183	73	84 104	29,768	216,608	7,276	6,800
74	70 541	22,392	145,480	6,497	6,021	74	82 697	26,251	186,840	7,117	6,641
75	68 341	19,457	123,088	6,326	5,850	75	81 192	23,115	160,589	6,947	6,471
76	66 001	16,852	103,631	6,149	5,673	76	79 559	20,314	137,473	6,767	6,291
77	63 529	14,548	86,779	5,965	5,489	77	77 797	17,815	117,159	6,576	6,100
78	60 972	12,522	72,231	5,768	5,292	78	75 934	15,595	99,344	6,370	5,894
79	58 245	10,729	59,708	5,565	5,089	79	73 868	13,606	83,748	6,155	5,679
80	55 363	9,146	48,980	5,355	4,879	80	71 592	11,827	70,142	5,931	5,454
81	52 275	7,745	39,834	5,143	4,667	81	69 068	10,233	58,315	5,699	5,222
82	49 023	6,514	32,089	4,926	4,450	82	66 277	8,807	48,082	5,460	4,983
83	45 621	5,437	25,574	4,704	4,228	83	63 161	7,527	39,275	5,218	4,741
84	42 017	4,491	20,137	4,484	4,008	84	59 675	6,378	31,747	4,977	4,501
85	38 253	3,667	15,646	4,267	3,791	85	55 869	5,356	25,369	4,737	4,261
86	34 355	2,954	11,980	4,056	3,580	86	51 751	4,449	20,014	4,498	4,022
87	30 415	2,345	9,026	3,849	3,372	87	47 338	3,650	15,564	4,264	3,788
88	26 491	1,832	6,681	3,647	3,171	88	42 647	2,949	11,914	4,040	3,564
89	22 604	1,402	4,849	3,459	2,982	89	37 815	2,345	8,965	3,823	3,346
90	18 870	1,050	3,447	3,284	2,808	90	32 944	1,832	6,620	3,612	3,136
91	15 409	0,769	2,397	3,119	2,642	91	28 098	1,402	4,787	3,415	2,939
92	12 317	0,551	1,629	2,955	2,479	92	23 435	1,049	3,386	3,229	2,753
93	9 559	0,384	1,078	2,809	2,333	93	19 031	0,764	2,337	3,060	2,584
94	7 217	0,260	0,694	2,672	2,195	94	15 045	0,541	1,573	2,906	2,430
95	5 269	0,170	0,434	2,553	2,077	95	11 593	0,374	1,032	2,758	2,282
96	3 736	0,108	0,264	2,442	1,966	96	8 645	0,250	0,658	2,628	2,152
97	2 561	0,066	0,156	2,346	1,869	97	6 230	0,162	0,408	2,519	2,043
98	1 708	0,040	0,089	2,249	1,773	98	4 394	0,102	0,246	2,402	1,926
99	1 107	0,023	0,050	2,150	1,673	99	2 992	0,062	0,143	2,295	1,819
100	686	0,013	0,027	2,070	1,593	100	1 965	0,037	0,081	2,199	1,723

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 11,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	946 558,269	9,466	8,989	0	100 000	100 000,000	947 520,924	9,475	8,999
1	99 661	89 182,463	846 558,269	9,492	9,016	1	99 711	89 226,678	847 520,924	9,499	9,022
2	99 637	79 786,049	757 375,806	9,493	9,016	2	99 689	79 827,144	758 294,246	9,499	9,023
3	99 624	71 387,415	677 589,757	9,492	9,015	3	99 676	71 424,299	678 467,102	9,499	9,022
4	99 612	63 873,783	606 202,342	9,491	9,014	4	99 666	63 907,989	607 042,803	9,499	9,022
5	99 601	57 151,226	542 328,559	9,489	9,013	5	99 656	57 183,093	543 134,814	9,498	9,022
6	99 592	51 137,389	485 177,334	9,488	9,011	6	99 650	51 167,076	485 951,721	9,497	9,021
7	99 583	45 756,406	434 039,945	9,486	9,009	7	99 642	45 783,750	434 784,645	9,496	9,020
8	99 573	40 941,351	388 283,539	9,484	9,007	8	99 638	40 967,847	389 000,895	9,495	9,019
9	99 566	36 633,765	347 342,188	9,481	9,005	9	99 630	36 657,624	348 033,048	9,494	9,018
10	99 558	32 779,262	310 708,423	9,479	9,002	10	99 625	32 801,499	311 375,424	9,493	9,016
11	99 550	29 330,488	277 929,161	9,476	8,999	11	99 620	29 350,940	278 573,925	9,491	9,015
12	99 543	26 244,708	248 598,673	9,472	8,996	12	99 612	26 262,804	249 222,985	9,490	9,013
13	99 535	23 483,118	222 353,965	9,469	8,992	13	99 606	23 499,905	222 960,181	9,488	9,011
14	99 525	21 012,023	198 870,846	9,465	8,988	14	99 598	21 027,336	199 460,276	9,486	9,009
15	99 513	18 800,383	177 858,823	9,460	8,984	15	99 589	18 814,672	178 432,941	9,484	9,007
16	99 497	16 820,994	159 058,441	9,456	8,979	16	99 577	16 834,446	159 618,269	9,482	9,005
17	99 475	15 048,901	142 237,447	9,452	8,975	17	99 564	15 062,456	142 783,822	9,479	9,003
18	99 448	13 462,988	127 188,545	9,447	8,971	18	99 551	13 476,960	127 721,367	9,477	9,000
19	99 410	12 042,766	113 725,558	9,443	8,967	19	99 535	12 057,962	114 244,407	9,475	8,998
20	99 370	10 772,176	101 682,792	9,439	8,963	20	99 519	10 788,349	102 186,445	9,472	8,995
21	99 329	9 635,553	90 910,616	9,435	8,958	21	99 503	9 652,423	91 398,096	9,469	8,992
22	99 289	8 618,932	81 275,063	9,430	8,953	22	99 486	8 636,049	81 745,673	9,466	8,989
23	99 247	7 709,457	72 656,131	9,424	8,948	23	99 469	7 726,711	73 109,624	9,462	8,985
24	99 205	6 895,944	64 946,674	9,418	8,941	24	99 453	6 913,152	65 382,913	9,458	8,981
25	99 160	6 168,041	58 050,730	9,412	8,935	25	99 436	6 185,250	58 469,761	9,453	8,976
26	99 116	5 517,062	51 882,689	9,404	8,927	26	99 417	5 533,823	52 284,511	9,448	8,972
27	99 072	4 934,792	46 365,628	9,396	8,919	27	99 399	4 951,084	46 750,689	9,443	8,966
28	99 028	4 413,935	41 430,835	9,386	8,910	28	99 379	4 429,571	41 799,604	9,436	8,960
29	98 982	3 948,004	37 016,900	9,376	8,899	29	99 355	3 962,879	37 370,033	9,430	8,953
30	98 933	3 531,146	33 068,896	9,365	8,888	30	99 330	3 545,325	33 407,155	9,423	8,946
31	98 881	3 158,194	29 537,750	9,353	8,876	31	99 302	3 171,653	29 861,830	9,415	8,939
32	98 824	2 824,503	26 379,557	9,340	8,863	32	99 270	2 837,255	26 690,176	9,407	8,930
33	98 764	2 525,975	23 555,054	9,325	8,848	33	99 237	2 538,077	23 852,922	9,398	8,921
34	98 695	2 258,796	21 029,078	9,310	8,833	34	99 202	2 270,415	21 314,845	9,388	8,911
35	98 625	2 019,873	18 770,283	9,293	8,816	35	99 164	2 030,915	19 044,430	9,377	8,901
36	98 551	1 806,128	16 750,409	9,274	8,798	36	99 118	1 816,525	17 013,514	9,366	8,889
37	98 464	1 614,795	14 944,281	9,255	8,778	37	99 071	1 624,751	15 196,989	9,353	8,877
38	98 365	1 443,565	13 329,486	9,234	8,757	38	99 021	1 453,182	13 572,238	9,340	8,863
39	98 266	1 290,468	11 885,921	9,211	8,734	39	98 966	1 299,666	12 119,057	9,325	8,848
40	98 152	1 153,448	10 595,453	9,186	8,709	40	98 901	1 162,255	10 819,391	9,309	8,832
41	98 031	1 030,891	9 442,004	9,159	8,682	41	98 839	1 039,391	9 657,136	9,291	8,815
42	97 888	921,159	8 411,113	9,131	8,654	42	98 766	929,422	8 617,745	9,272	8,796
43	97 750	823,137	7 489,954	9,099	8,623	43	98 687	831,026	7 688,323	9,252	8,775
44	97 594	735,414	6 666,817	9,065	8,589	44	98 598	742,982	6 857,297	9,229	8,753
45	97 425	656,947	5 931,403	9,029	8,552	45	98 505	664,232	6 114,315	9,205	8,728
46	97 242	586,768	5 274,456	8,989	8,512	46	98 399	593,751	5 450,083	9,179	8,702
47	97 041	523,989	4 687,688	8,946	8,470	47	98 283	530,692	4 856,332	9,151	8,674
48	96 815	467,800	4 163,700	8,901	8,424	48	98 155	474,275	4 325,640	9,121	8,644
49	96 561	417,515	3 695,899	8,852	8,376	49	98 006	423,763	3 851,364	9,088	8,612

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 11,75 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	372,518	3 278,385	8,801	8,324	50	97 841	378,568	3 427,601	9,054	8,577
51	95 968	332,278	2 905,867	8,745	8,269	51	97 661	338,139	3 049,033	9,017	8,540
52	95 624	296,277	2 573,589	8,686	8,210	52	97 458	301,957	2 710,894	8,978	8,501
53	95 242	264,065	2 277,313	8,624	8,147	53	97 243	269,612	2 408,938	8,935	8,458
54	94 812	235,233	2 013,248	8,559	8,082	54	97 002	240,665	2 139,326	8,889	8,413
55	94 338	209,445	1 778,014	8,489	8,013	55	96 735	214,767	1 898,661	8,841	8,364
56	93 801	186,357	1 568,569	8,417	7,940	56	96 434	191,587	1 683,894	8,789	8,313
57	93 207	165,706	1 382,212	8,341	7,865	57	96 108	170,863	1 492,306	8,734	8,257
58	92 548	147,235	1 216,506	8,262	7,786	58	95 747	152,323	1 321,443	8,675	8,199
59	91 833	130,736	1 069,271	8,179	7,702	59	95 347	135,738	1 169,120	8,613	8,136
60	91 035	115,973	938,535	8,093	7,616	60	94 905	120,903	1 033,382	8,547	8,071
61	90 165	102,788	822,562	8,003	7,526	61	94 418	107,636	912,479	8,477	8,001
62	89 210	91,006	719,774	7,909	7,432	62	93 891	95,780	804,843	8,403	7,926
63	88 162	80,480	628,768	7,813	7,336	63	93 316	85,185	709,062	8,324	7,847
64	87 020	71,085	548,289	7,713	7,237	64	92 685	75,713	623,878	8,240	7,763
65	85 790	62,711	477,204	7,610	7,133	65	91 999	67,250	548,165	8,151	7,675
66	84 473	55,256	414,493	7,501	7,025	66	91 261	59,697	480,915	8,056	7,579
67	83 054	48,615	359,237	7,389	6,913	67	90 462	52,952	421,218	7,955	7,478
68	81 552	42,717	310,621	7,272	6,795	68	89 616	46,941	368,266	7,845	7,369
69	79 951	37,475	267,904	7,149	6,672	69	88 701	41,577	321,325	7,728	7,252
70	78 265	32,828	230,429	7,019	6,543	70	87 677	36,776	279,748	7,607	7,130
71	76 503	28,715	197,601	6,882	6,405	71	86 577	32,496	242,973	7,477	7,000
72	74 595	25,055	168,887	6,741	6,264	72	85 381	28,677	210,477	7,340	6,863
73	72 635	21,831	143,832	6,588	6,112	73	84 104	25,278	181,800	7,192	6,715
74	70 541	18,972	122,001	6,430	5,954	74	82 697	22,242	156,522	7,037	6,561
75	68 341	16,448	103,029	6,264	5,787	75	81 192	19,541	134,280	6,872	6,395
76	66 001	14,215	86,581	6,091	5,614	76	79 559	17,135	114,739	6,696	6,220
77	63 529	12,244	72,366	5,910	5,434	77	77 797	14,993	97,604	6,510	6,033
78	60 972	10,515	60,122	5,718	5,241	78	75 934	13,096	82,611	6,308	5,832
79	58 245	8,989	49,607	5,519	5,042	79	73 868	11,400	69,515	6,098	5,621
80	55 363	7,646	40,618	5,312	4,836	80	71 592	9,887	58,115	5,878	5,401
81	52 275	6,460	32,972	5,104	4,627	81	69 068	8,535	48,228	5,650	5,174
82	49 023	5,421	26,512	4,890	4,414	82	66 277	7,329	39,692	5,416	4,939
83	45 621	4,515	21,091	4,672	4,195	83	63 161	6,250	32,363	5,178	4,701
84	42 017	3,721	16,576	4,455	3,978	84	59 675	5,284	26,113	4,941	4,465
85	38 253	3,031	12,855	4,241	3,764	85	55 869	4,427	20,828	4,705	4,228
86	34 355	2,436	9,824	4,033	3,556	86	51 751	3,670	16,401	4,469	3,993
87	30 415	1,930	7,388	3,828	3,351	87	47 338	3,004	12,731	4,238	3,762
88	26 491	1,504	5,458	3,628	3,152	88	42 647	2,422	9,728	4,017	3,540
89	22 604	1,149	3,954	3,442	2,966	89	37 815	1,921	7,306	3,802	3,326
90	18 870	0,858	2,805	3,269	2,793	90	32 944	1,498	5,384	3,595	3,118
91	15 409	0,627	1,947	3,106	2,629	91	28 098	1,143	3,886	3,399	2,923
92	12 317	0,448	1,320	2,944	2,467	92	23 435	0,853	2,743	3,215	2,738
93	9 559	0,311	0,872	2,799	2,322	93	19 031	0,620	1,890	3,048	2,571
94	7 217	0,210	0,560	2,663	2,186	94	15 045	0,439	1,270	2,895	2,418
95	5 269	0,137	0,350	2,545	2,068	95	11 593	0,302	0,831	2,748	2,272
96	3 736	0,087	0,212	2,435	1,958	96	8 645	0,202	0,529	2,620	2,143
97	2 561	0,054	0,125	2,339	1,862	97	6 230	0,130	0,327	2,512	2,035
98	1 708	0,032	0,072	2,243	1,767	98	4 394	0,082	0,197	2,395	1,918
99	1 107	0,019	0,040	2,144	1,668	99	2 992	0,050	0,115	2,289	1,813
100	686	0,010	0,021	2,065	1,588	100	1 965	0,029	0,065	2,194	1,717

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 12,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	929 003,051	9,290	8,813	0	100 000	100 000,000	929 913,328	9,299	8,822
1	99 661	88 983,395	829 003,051	9,316	8,839	1	99 711	89 027,511	829 913,328	9,322	8,845
2	99 637	79 430,259	740 019,656	9,317	8,840	2	99 689	79 471,170	740 885,817	9,323	8,846
3	99 624	70 910,440	660 589,397	9,316	8,839	3	99 676	70 947,078	661 414,646	9,323	8,846
4	99 612	63 305,388	589 678,957	9,315	8,838	4	99 666	63 339,290	590 467,568	9,322	8,845
5	99 601	56 516,218	526 373,569	9,314	8,837	5	99 656	56 547,732	527 128,278	9,322	8,845
6	99 592	50 456,323	469 857,351	9,312	8,835	6	99 650	50 485,616	470 580,547	9,321	8,844
7	99 583	45 046,232	419 401,028	9,310	8,833	7	99 642	45 073,151	420 094,931	9,320	8,843
8	99 573	40 215,942	374 354,795	9,309	8,832	8	99 638	40 241,968	375 021,780	9,319	8,842
9	99 566	35 904,356	334 138,854	9,306	8,829	9	99 630	35 927,739	334 779,812	9,318	8,841
10	99 558	32 054,888	298 234,498	9,304	8,827	10	99 625	32 076,634	298 852,072	9,317	8,840
11	99 550	28 618,304	266 179,610	9,301	8,824	11	99 620	28 638,259	266 775,439	9,315	8,838
12	99 543	25 550,291	237 561,306	9,298	8,821	12	99 612	25 567,908	238 137,179	9,314	8,837
13	99 535	22 810,740	212 011,015	9,294	8,817	13	99 606	22 827,047	212 569,271	9,312	8,835
14	99 525	20 364,840	189 200,274	9,291	8,814	14	99 598	20 379,681	189 742,225	9,310	8,833
15	99 513	18 180,647	168 835,434	9,287	8,810	15	99 589	18 194,465	169 362,544	9,308	8,831
16	99 497	16 230,197	150 654,788	9,282	8,805	16	99 577	16 243,177	151 168,079	9,307	8,830
17	99 475	14 487,934	134 424,591	9,278	8,801	17	99 564	14 500,983	134 924,902	9,305	8,828
18	99 448	12 932,206	119 936,657	9,274	8,797	18	99 551	12 945,627	120 423,919	9,302	8,825
19	99 410	11 542,155	107 004,451	9,271	8,794	19	99 535	11 556,720	107 478,292	9,300	8,823
20	99 370	10 301,337	95 462,295	9,267	8,790	20	99 519	10 316,804	95 921,572	9,298	8,821
21	99 329	9 193,827	85 160,958	9,263	8,786	21	99 503	9 209,924	85 604,769	9,295	8,818
22	99 289	8 205,454	75 967,131	9,258	8,781	22	99 486	8 221,750	76 394,845	9,292	8,815
23	99 247	7 323,227	67 761,676	9,253	8,776	23	99 469	7 339,617	68 173,094	9,288	8,811
24	99 205	6 535,848	60 438,449	9,247	8,770	24	99 453	6 552,157	60 833,477	9,284	8,807
25	99 160	5 832,906	53 902,601	9,241	8,764	25	99 436	5 849,180	54 281,320	9,280	8,803
26	99 116	5 205,651	48 069,695	9,234	8,757	26	99 417	5 221,466	48 432,140	9,276	8,799
27	99 072	4 645,855	42 864,044	9,226	8,749	27	99 399	4 661,193	43 210,674	9,270	8,793
28	99 028	4 146,219	38 218,189	9,218	8,741	28	99 379	4 160,906	38 549,481	9,265	8,788
29	98 982	3 700,269	34 071,970	9,208	8,731	29	99 355	3 714,211	34 388,575	9,259	8,782
30	98 933	3 302,182	30 371,701	9,197	8,720	30	99 330	3 315,441	30 674,364	9,252	8,775
31	98 881	2 946,819	27 069,520	9,186	8,709	31	99 302	2 959,378	27 358,923	9,245	8,768
32	98 824	2 629,580	24 122,700	9,174	8,697	32	99 270	2 641,451	24 399,545	9,237	8,760
33	98 764	2 346,405	21 493,121	9,160	8,683	33	99 237	2 357,646	21 758,094	9,229	8,752
34	98 695	2 093,535	19 146,716	9,146	8,669	34	99 202	2 104,304	19 400,447	9,219	8,742
35	98 625	1 867,914	17 053,181	9,130	8,653	35	99 164	1 878,126	17 296,143	9,209	8,732
36	98 551	1 666,521	15 185,266	9,112	8,635	36	99 118	1 676,115	15 418,018	9,199	8,722
37	98 464	1 486,652	13 518,745	9,093	8,616	37	99 071	1 495,818	13 741,903	9,187	8,710
38	98 365	1 326,043	12 032,093	9,074	8,597	38	99 021	1 334,877	12 246,085	9,174	8,697
39	98 266	1 182,764	10 706,050	9,052	8,575	39	98 966	1 191,194	10 911,208	9,160	8,683
40	98 152	1 054,820	9 523,286	9,028	8,551	40	98 901	1 062,874	9 720,014	9,145	8,668
41	98 031	940,638	8 468,465	9,003	8,526	41	98 839	948,394	8 657,140	9,128	8,651
42	97 888	838,637	7 527,827	8,976	8,499	42	98 766	846,160	7 708,746	9,110	8,633
43	97 750	747,724	6 689,190	8,946	8,469	43	98 687	754,890	6 862,586	9,091	8,614
44	97 594	666,546	5 941,466	8,914	8,437	44	98 598	673,405	6 107,696	9,070	8,593
45	97 425	594,099	5 274,920	8,879	8,402	45	98 505	600,686	5 434,291	9,047	8,570
46	97 242	529,448	4 680,821	8,841	8,364	46	98 399	535,750	4 833,605	9,022	8,545
47	97 041	471,747	4 151,373	8,800	8,323	47	98 283	477,782	4 297,855	8,995	8,518
48	96 815	420,220	3 679,627	8,756	8,279	48	98 155	426,036	3 820,073	8,967	8,490
49	96 561	374,212	3 259,407	8,710	8,233	49	98 006	379,813	3 394,037	8,936	8,459

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2018/2020

Zinsfuß 12,00 %

x	l_x	D_x	N_x	\ddot{a}_x	${}^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	\ddot{a}_y	${}^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 277	333,137	2 885,195	8,661	8,184	50	97 841	338,547	3 014,224	8,903	8,426
51	95 968	296,488	2 552,058	8,608	8,131	51	97 661	301,717	2 675,677	8,868	8,391
52	95 624	263,774	2 255,571	8,551	8,074	52	97 458	268,831	2 373,960	8,831	8,354
53	95 242	234,571	1 991,797	8,491	8,014	53	97 243	239,498	2 105,129	8,790	8,313
54	94 812	208,493	1 757,225	8,428	7,951	54	97 002	213,308	1 865,631	8,746	8,269
55	94 338	185,222	1 548,732	8,361	7,884	55	96 735	189,929	1 652,323	8,700	8,223
56	93 801	164,437	1 363,510	8,292	7,815	56	96 434	169,052	1 462,394	8,651	8,174
57	93 207	145,889	1 199,073	8,219	7,742	57	96 108	150,428	1 293,342	8,598	8,121
58	92 548	129,337	1 053,184	8,143	7,666	58	95 747	133,807	1 142,914	8,542	8,065
59	91 833	114,587	923,848	8,062	7,585	59	95 347	118,972	1 009,107	8,482	8,005
60	91 035	101,421	809,260	7,979	7,502	60	94 905	105,732	890,136	8,419	7,942
61	90 165	89,689	707,839	7,892	7,415	61	94 418	93,920	784,403	8,352	7,875
62	89 210	79,231	618,150	7,802	7,325	62	93 891	83,389	690,484	8,280	7,803
63	88 162	69,911	538,919	7,709	7,232	63	93 316	73,998	607,095	8,204	7,727
64	87 020	61,612	469,008	7,612	7,135	64	92 685	65,623	533,097	8,124	7,647
65	85 790	54,233	407,396	7,512	7,035	65	91 999	58,158	467,473	8,038	7,561
66	84 473	47,679	353,163	7,407	6,930	66	91 261	51,511	409,315	7,946	7,469
67	83 054	41,855	305,484	7,299	6,822	67	90 462	45,589	357,805	7,848	7,371
68	81 552	36,695	263,628	7,184	6,707	68	89 616	40,324	312,216	7,743	7,266
69	79 951	32,120	226,933	7,065	6,588	69	88 701	35,636	271,892	7,630	7,153
70	78 265	28,074	194,813	6,939	6,462	70	87 677	31,450	236,256	7,512	7,035
71	76 503	24,502	166,739	6,805	6,328	71	86 577	27,728	204,806	7,386	6,909
72	74 595	21,331	142,237	6,668	6,191	72	85 381	24,415	177,078	7,253	6,776
73	72 635	18,545	120,906	6,520	6,043	73	84 104	21,473	152,663	7,109	6,632
74	70 541	16,081	102,361	6,365	5,888	74	82 697	18,852	131,189	6,959	6,482
75	68 341	13,910	86,280	6,203	5,726	75	81 192	16,526	112,337	6,798	6,321
76	66 001	11,994	72,370	6,034	5,557	76	79 559	14,458	95,811	6,627	6,150
77	63 529	10,308	60,376	5,857	5,380	77	77 797	12,623	81,353	6,445	5,968
78	60 972	8,833	50,067	5,668	5,191	78	75 934	11,001	68,730	6,248	5,771
79	58 245	7,534	41,234	5,473	4,996	79	73 868	9,555	57,729	6,042	5,565
80	55 363	6,394	33,700	5,270	4,793	80	71 592	8,268	48,174	5,826	5,349
81	52 275	5,391	27,306	5,065	4,588	81	69 068	7,122	39,905	5,603	5,126
82	49 023	4,514	21,915	4,855	4,378	82	66 277	6,102	32,783	5,372	4,895
83	45 621	3,750	17,402	4,640	4,163	83	63 161	5,192	26,681	5,139	4,662
84	42 017	3,084	13,651	4,426	3,949	84	59 675	4,380	21,489	4,906	4,429
85	38 253	2,507	10,567	4,215	3,738	85	55 869	3,661	17,109	4,673	4,196
86	34 355	2,010	8,060	4,010	3,533	86	51 751	3,028	13,447	4,441	3,964
87	30 415	1,589	6,050	3,808	3,331	87	47 338	2,473	10,419	4,213	3,736
88	26 491	1,236	4,461	3,610	3,133	88	42 647	1,989	7,946	3,994	3,517
89	22 604	0,941	3,225	3,426	2,949	89	37 815	1,575	5,957	3,782	3,305
90	18 870	0,702	2,284	3,255	2,778	90	32 944	1,225	4,382	3,577	3,100
91	15 409	0,512	1,582	3,093	2,616	91	28 098	0,933	3,157	3,384	2,907
92	12 317	0,365	1,071	2,933	2,456	92	23 435	0,695	2,224	3,201	2,724
93	9 559	0,253	0,706	2,789	2,312	93	19 031	0,504	1,529	3,036	2,559
94	7 217	0,171	0,453	2,654	2,177	94	15 045	0,356	1,025	2,884	2,407
95	5 269	0,111	0,282	2,537	2,060	95	11 593	0,245	0,670	2,739	2,262
96	3 736	0,070	0,171	2,428	1,951	96	8 645	0,163	0,425	2,611	2,134
97	2 561	0,043	0,100	2,333	1,856	97	6 230	0,105	0,262	2,504	2,027
98	1 708	0,026	0,057	2,238	1,761	98	4 394	0,066	0,158	2,388	1,911
99	1 107	0,015	0,032	2,139	1,662	99	2 992	0,040	0,092	2,283	1,806
100	686	0,008	0,017	2,060	1,583	100	1 965	0,024	0,051	2,188	1,711

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

Notation

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

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

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

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

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	5 223 270,881	52,233	51,773	50	50	94 198	57 276,340	1 330 238,813	23,225	22,765
1	1	99 373	98 389,301	5 123 270,881	52,071	51,611	51	51	93 723	56 422,790	1 272 962,473	22,561	22,101
2	2	99 327	97 369,946	5 024 881,580	51,606	51,146	52	52	93 193	55 548,683	1 216 539,682	21,900	21,440
3	3	99 301	96 380,397	4 927 511,634	51,126	50,666	53	53	92 616	54 658,168	1 160 990,999	21,241	20,781
4	4	99 279	95 405,311	4 831 131,237	50,638	50,178	54	54	91 970	53 739,189	1 106 332,831	20,587	20,127
5	5	99 259	94 441,231	4 735 725,926	50,145	49,685	55	55	91 257	52 794,825	1 052 593,642	19,937	19,477
6	6	99 243	93 491,319	4 641 284,695	49,644	49,184	56	56	90 456	51 813,080	999 798,817	19,296	18,836
7	7	99 227	92 550,569	4 547 793,376	49,138	48,678	57	57	89 579	50 802,778	947 985,737	18,660	18,200
8	8	99 212	91 620,958	4 455 242,807	48,627	48,167	58	58	88 612	49 756,578	897 182,959	18,031	17,571
9	9	99 198	90 700,374	4 363 621,849	48,110	47,650	59	59	87 560	48 679,410	847 426,381	17,408	16,948
10	10	99 184	89 790,369	4 272 921,475	47,588	47,128	60	60	86 397	47 557,188	798 746,971	16,796	16,336
11	11	99 172	88 889,794	4 183 131,105	47,060	46,600	61	61	85 133	46 397,354	751 189,783	16,190	15,730
12	12	99 157	87 996,847	4 094 241,312	46,527	46,067	62	62	83 760	45 197,458	704 792,428	15,594	15,134
13	13	99 142	87 112,372	4 006 244,465	45,989	45,529	63	63	82 269	43 953,262	659 594,970	15,007	14,547
14	14	99 125	86 235,042	3 919 132,093	45,447	44,987	64	64	80 655	42 663,940	615 641,708	14,430	13,970
15	15	99 104	85 362,806	3 832 897,052	44,901	44,441	65	65	78 926	41 335,979	572 977,768	13,861	13,401
16	16	99 077	84 494,711	3 747 534,245	44,352	43,892	66	66	77 091	39 975,465	531 641,789	13,299	12,839
17	17	99 041	83 628,307	3 663 039,535	43,801	43,341	67	67	75 132	38 573,945	491 666,325	12,746	12,286
18	18	99 002	82 767,494	3 579 411,228	43,247	42,787	68	68	73 083	37 150,568	453 092,380	12,196	11,736
19	19	98 948	81 903,084	3 496 643,734	42,692	42,232	69	69	70 917	35 692,425	415 941,812	11,654	11,194
20	20	98 892	81 046,116	3 414 740,650	42,133	41,673	70	70	68 620	34 194,559	380 249,387	11,120	10,660
21	21	98 835	80 197,439	3 333 694,533	41,569	41,109	71	71	66 234	32 678,480	346 054,828	10,590	10,130
22	22	98 778	79 357,813	3 253 497,094	40,998	40,538	72	72	63 690	31 112,249	313 376,348	10,072	9,612
23	23	98 720	78 525,975	3 174 139,281	40,422	39,962	73	73	61 089	29 546,210	282 264,099	9,553	9,093
24	24	98 662	77 703,110	3 095 613,306	39,839	39,379	74	74	58 335	27 934,811	252 717,889	9,047	8,587
25	25	98 601	76 885,899	3 017 910,197	39,252	38,792	75	75	55 488	26 308,275	224 783,078	8,544	8,084
26	26	98 538	76 076,237	2 941 024,297	38,659	38,199	76	76	52 510	24 649,815	198 474,803	8,052	7,592
27	27	98 477	75 276,395	2 864 948,061	38,059	37,599	77	77	49 424	22 971,509	173 824,989	7,567	7,107
28	28	98 412	74 481,939	2 789 671,666	37,454	36,994	78	78	46 298	21 305,811	150 853,480	7,080	6,620
29	29	98 343	73 692,843	2 715 189,727	36,845	36,385	79	79	43 025	19 603,224	129 547,668	6,608	6,149
30	30	98 271	72 909,219	2 641 496,885	36,230	35,770	80	80	39 636	17 880,522	109 944,444	6,149	5,689
31	31	98 191	72 128,821	2 568 587,666	35,611	35,151	81	81	36 105	16 126,462	92 063,922	5,709	5,249
32	32	98 103	71 350,725	2 496 458,845	34,989	34,529	82	82	32 491	14 368,481	75 937,460	5,285	4,825
33	33	98 010	70 577,411	2 425 108,120	34,361	33,901	83	83	28 815	12 616,650	61 568,979	4,880	4,420
34	34	97 907	69 805,176	2 354 530,709	33,730	33,270	84	84	25 074	10 869,875	48 952,330	4,503	4,044
35	35	97 801	69 039,097	2 284 725,533	33,093	32,633	85	85	21 372	9 173,170	38 082,455	4,152	3,692
36	36	97 682	68 272,040	2 215 686,436	32,454	31,994	86	86	17 779	7 555,663	28 909,285	3,826	3,366
37	37	97 549	67 504,179	2 147 414,396	31,812	31,352	87	87	14 398	6 058,211	21 353,622	3,525	3,065
38	38	97 402	66 735,435	2 079 910,217	31,167	30,707	88	88	11 298	4 706,567	15 295,411	3,250	2,790
39	39	97 249	65 970,978	2 013 174,782	30,516	30,056	89	89	8 548	3 525,683	10 588,844	3,003	2,543
40	40	97 074	65 199,932	1 947 203,805	29,865	29,405	90	90	6 217	2 538,782	7 063,160	2,782	2,322
41	41	96 892	64 433,677	1 882 003,873	29,208	28,748	91	91	4 330	1 750,692	4 524,379	2,584	2,124
42	42	96 681	63 656,477	1 817 570,196	28,553	28,093	92	92	2 887	1 155,608	2 773,686	2,400	1,940
43	43	96 466	62 886,277	1 753 913,719	27,890	27,430	93	93	1 819	721,058	1 618,078	2,244	1,784
44	44	96 226	62 108,669	1 691 027,442	27,227	26,767	94	94	1 086	426,139	897,020	2,105	1,645
45	45	95 968	61 329,049	1 628 918,772	26,560	26,100	95	95	611	237,361	470,881	1,984	1,524
46	46	95 685	60 542,520	1 567 589,723	25,892	25,432	96	96	323	124,273	233,520	1,879	1,419
47	47	95 375	59 748,605	1 507 047,203	25,223	24,763	97	97	160	60,782	109,247	1,797	1,337
48	48	95 029	58 942,417	1 447 298,597	24,554	24,094	98	98	75	28,311	48,466	1,712	1,252
49	49	94 635	58 117,368	1 388 356,180	23,889	23,429	99	99	33	12,369	20,154	1,629	1,169
							100	100	13	4,981	7,785	1,563	1,103

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	5 204 216,789	52,193	51,733	50	51	94 025	57 170,728	1 312 748,212	22,962	22,502
1	2	99 351	98 367,418	5 104 505,976	51,892	51,432	51	52	93 528	56 305,628	1 255 577,484	22,299	21,839
2	3	99 314	97 357,151	5 006 138,557	51,420	50,960	52	53	92 988	55 426,231	1 199 271,856	21,637	21,177
3	4	99 291	96 370,787	4 908 781,406	50,936	50,476	53	54	92 387	54 522,693	1 143 845,625	20,979	20,519
4	5	99 270	95 396,528	4 812 410,619	50,446	49,986	54	55	91 717	53 591,177	1 089 322,932	20,327	19,867
5	6	99 252	94 434,815	4 717 014,090	49,950	49,490	55	56	90 973	52 630,508	1 035 731,756	19,679	19,219
6	7	99 236	93 484,493	4 622 579,276	49,448	48,988	56	57	90 150	51 637,869	983 101,248	19,038	18,578
7	8	99 222	92 546,161	4 529 094,783	48,939	48,479	57	58	89 242	50 611,948	931 463,379	18,404	17,944
8	9	99 205	91 614,355	4 436 548,622	48,426	47,966	58	59	88 242	49 548,915	880 851,430	17,777	17,317
9	10	99 192	90 695,553	4 344 934,267	47,907	47,447	59	60	87 154	48 453,807	831 302,515	17,157	16,697
10	11	99 179	89 785,378	4 254 238,714	47,382	46,922	60	61	85 954	47 313,372	782 848,708	16,546	16,086
11	12	99 164	88 882,958	4 164 453,336	46,853	46,393	61	62	84 657	46 138,170	735 535,336	15,942	15,482
12	13	99 151	87 991,285	4 075 570,378	46,318	45,858	62	63	83 248	44 920,268	689 397,166	15,347	14,887
13	14	99 134	87 105,487	3 987 579,093	45,779	45,319	63	64	81 713	43 656,130	644 476,403	14,763	14,303
14	15	99 116	86 227,087	3 900 473,606	45,235	44,775	64	65	80 057	42 347,851	600 820,273	14,188	13,728
15	16	99 092	85 352,923	3 814 246,520	44,688	44,228	65	66	78 293	41 004,725	558 472,421	13,620	13,160
16	17	99 064	84 483,909	3 728 893,596	44,137	43,677	66	67	76 416	39 625,369	517 467,696	13,059	12,599
17	18	99 029	83 617,464	3 644 409,688	43,584	43,124	67	68	74 429	38 212,972	477 842,327	12,505	12,045
18	19	98 986	82 754,059	3 560 792,223	43,029	42,569	68	69	72 338	36 771,484	439 629,355	11,956	11,496
19	20	98 932	81 889,622	3 478 038,165	42,472	42,012	69	70	70 098	35 280,310	402 857,871	11,419	10,959
20	21	98 875	81 032,851	3 396 148,542	41,911	41,451	70	71	67 759	33 765,357	367 577,561	10,886	10,426
21	22	98 818	80 183,822	3 315 115,692	41,344	40,884	71	72	65 319	32 227,044	333 812,204	10,358	9,898
22	23	98 761	79 344,498	3 234 931,870	40,771	40,311	72	73	62 738	30 647,186	301 585,161	9,841	9,381
23	24	98 704	78 513,132	3 155 587,371	40,192	39,732	73	74	60 066	29 051,723	270 937,974	9,326	8,866
24	25	98 646	77 690,345	3 077 074,240	39,607	39,147	74	75	57 274	27 426,618	241 886,251	8,819	8,359
25	26	98 582	76 870,951	2 999 383,894	39,018	38,558	75	76	54 371	25 778,953	214 459,633	8,319	7,859
26	27	98 521	76 062,677	2 922 512,943	38,422	37,962	76	77	51 346	24 103,850	188 680,681	7,828	7,368
27	28	98 457	75 260,606	2 846 450,266	37,821	37,361	77	78	48 241	22 421,607	164 576,830	7,340	6,880
28	29	98 389	74 464,213	2 771 189,660	37,215	36,755	78	79	45 039	20 726,134	142 155,224	6,859	6,399
29	30	98 319	73 674,658	2 696 725,448	36,603	36,143	79	80	41 699	18 999,281	121 429,090	6,391	5,931
30	31	98 243	72 888,602	2 623 050,790	35,987	35,527	80	81	38 238	17 250,028	102 429,809	5,938	5,478
31	32	98 159	72 105,595	2 550 162,188	35,367	34,907	81	82	34 646	15 474,707	85 179,782	5,504	5,044
32	33	98 070	71 326,758	2 478 056,593	34,742	34,282	82	83	30 964	13 693,129	69 705,075	5,091	4,631
33	34	97 976	70 552,692	2 406 729,835	34,113	33,653	83	84	27 224	11 920,263	56 011,946	4,699	4,239
34	35	97 870	69 778,525	2 336 177,143	33,480	33,020	84	85	23 474	10 176,507	44 091,683	4,333	3,873
35	36	97 755	69 006,860	2 266 398,618	32,843	32,383	85	86	19 797	8 497,165	33 915,176	3,991	3,531
36	37	97 635	68 239,484	2 197 391,758	32,201	31,741	86	87	16 263	6 911,327	25 418,011	3,678	3,218
37	38	97 499	67 470,094	2 129 152,274	31,557	31,097	87	88	12 971	5 457,874	18 506,684	3,391	2,931
38	39	97 348	66 698,456	2 061 682,180	30,910	30,451	88	89	10 018	4 173,294	13 048,810	3,127	2,667
39	40	97 186	65 928,054	1 994 983,724	30,260	29,800	89	90	7 447	3 071,553	8 875,516	2,890	2,430
40	41	97 012	65 158,652	1 929 055,670	29,606	29,146	90	91	5 302	2 165,284	5 803,962	2,680	2,220
41	42	96 821	64 386,451	1 863 897,018	28,949	28,489	91	92	3 611	1 460,203	3 638,679	2,492	2,032
42	43	96 603	63 605,115	1 799 510,567	28,292	27,832	92	93	2 344	938,416	2 178,476	2,321	1,861
43	44	96 380	62 829,950	1 735 905,452	27,629	27,169	93	94	1 438	570,026	1 240,059	2,175	1,715
44	45	96 135	62 049,924	1 673 075,502	26,963	26,503	94	95	837	328,359	670,033	2,041	1,581
45	46	95 865	61 263,080	1 611 025,578	26,297	25,837	95	96	456	177,011	341,674	1,930	1,470
46	47	95 572	60 470,826	1 549 762,497	25,628	25,168	96	97	233	89,562	164,663	1,839	1,379
47	48	95 251	59 670,970	1 489 291,671	24,958	24,498	97	98	113	42,867	75,101	1,752	1,292
48	49	94 884	58 852,995	1 429 620,701	24,291	23,831	98	99	51	19,279	32,234	1,672	1,212
49	50	94 476	58 019,494	1 370 767,706	23,626	23,166	99	100	22	8,123	12,955	1,595	1,135

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	5 184 100,741	52,003	51,543	50	52	93 830	57 052,013	1 294 027,832	22,682	22,222
1	3	99 338	98 354,493	5 084 412,105	51,695	51,235	51	53	93 322	56 181,507	1 236 975,819	22,017	21,558
2	4	99 304	97 347,445	4 986 057,612	51,219	50,759	52	54	92 757	55 288,852	1 180 794,312	21,357	20,897
3	5	99 282	96 361,916	4 888 710,168	50,733	50,273	53	55	92 132	54 372,523	1 125 505,460	20,700	20,240
4	6	99 263	95 390,047	4 792 348,251	50,239	49,780	54	56	91 431	53 424,380	1 071 132,937	20,050	19,590
5	7	99 245	94 427,919	4 696 958,204	49,741	49,281	55	57	90 665	52 452,533	1 017 708,557	19,402	18,942
6	8	99 231	93 480,040	4 602 530,285	49,235	48,775	56	58	89 811	51 443,903	965 256,024	18,763	18,303
7	9	99 215	92 539,492	4 509 050,245	48,726	48,266	57	59	88 870	50 400,716	913 812,121	18,131	17,671
8	10	99 200	91 609,486	4 416 510,753	48,210	47,750	58	60	87 833	49 319,283	863 411,406	17,507	17,047
9	11	99 187	90 690,511	4 324 901,268	47,689	47,229	59	61	86 708	48 205,393	814 092,123	16,888	16,428
10	12	99 171	89 778,473	4 234 210,757	47,163	46,703	60	62	85 474	47 049,071	765 886,729	16,278	15,818
11	13	99 158	88 877,341	4 144 432,284	46,631	46,171	61	63	84 139	45 855,716	718 837,659	15,676	15,216
12	14	99 143	87 984,331	4 055 554,943	46,094	45,634	62	64	82 685	44 617,091	672 981,406	15,084	14,624
13	15	99 125	87 097,451	3 967 570,613	45,553	45,093	63	65	81 108	43 332,691	628 364,852	14,501	14,041
14	16	99 104	86 217,104	3 880 473,161	45,008	44,548	64	66	79 415	42 008,489	585 032,161	13,927	13,467
15	17	99 079	85 342,012	3 794 256,058	44,459	43,999	65	67	77 607	40 645,615	543 023,673	13,360	12,900
16	18	99 051	84 472,955	3 708 914,046	43,907	43,447	66	68	75 701	39 254,557	502 378,057	12,798	12,338
17	19	99 012	83 603,891	3 624 441,090	43,353	42,893	67	69	73 670	37 823,048	463 123,500	12,244	11,784
18	20	98 970	82 740,457	3 540 837,199	42,795	42,335	68	70	71 502	36 346,910	425 300,452	11,701	11,241
19	21	98 915	81 876,218	3 458 096,742	42,236	41,776	69	71	69 218	34 837,480	388 953,542	11,165	10,705
20	22	98 859	81 019,092	3 376 220,524	41,672	41,212	70	72	66 823	33 298,905	354 116,062	10,634	10,174
21	23	98 801	80 170,369	3 295 201,432	41,102	40,643	71	73	64 342	31 745,317	320 817,157	10,106	9,646
22	24	98 745	79 331,521	3 215 031,064	40,527	40,067	72	74	61 688	30 134,274	289 071,839	9,593	9,133
23	25	98 688	78 500,234	3 135 699,543	39,945	39,485	73	75	58 974	28 523,210	258 937,566	9,078	8,618
24	26	98 627	77 675,241	3 057 199,308	39,359	38,899	74	76	56 121	26 874,795	230 414,355	8,574	8,114
25	27	98 564	76 857,250	2 979 524,067	38,767	38,307	75	77	53 167	25 207,979	203 539,560	8,074	7,614
26	28	98 500	76 046,723	2 902 666,817	38,170	37,710	76	78	50 117	23 526,842	178 331,581	7,580	7,120
27	29	98 433	75 242,695	2 826 620,094	37,567	37,107	77	79	46 928	21 811,571	154 804,739	7,097	6,637
28	30	98 365	74 445,837	2 751 377,400	36,958	36,498	78	80	43 651	20 087,595	132 993,168	6,621	6,161
29	31	98 291	73 653,824	2 676 931,562	36,345	35,885	79	81	40 229	18 329,337	112 905,573	6,160	5,700
30	32	98 211	72 865,131	2 603 277,739	35,727	35,267	80	82	36 693	16 552,863	94 576,236	5,714	5,254
31	33	98 126	72 081,374	2 530 412,607	35,105	34,645	81	83	33 018	14 747,360	78 023,373	5,291	4,831
32	34	98 036	71 301,777	2 458 331,233	34,478	34,018	82	84	29 255	12 937,325	63 276,013	4,891	4,431
33	35	97 938	70 525,756	2 387 029,456	33,846	33,386	83	85	25 488	11 159,893	50 338,688	4,511	4,051
34	36	97 824	69 745,943	2 316 503,700	33,213	32,753	84	86	21 744	9 426,562	39 178,795	4,156	3,696
35	37	97 709	68 973,954	2 246 757,757	32,574	32,114	85	87	18 108	7 772,539	29 752,233	3,828	3,368
36	38	97 586	68 205,028	2 177 783,804	31,930	31,470	86	88	14 651	6 226,451	21 979,694	3,530	3,070
37	39	97 445	67 432,708	2 109 578,776	31,284	30,824	87	89	11 502	4 839,475	15 753,243	3,255	2,795
38	40	97 285	66 655,059	2 042 146,068	30,638	30,178	88	90	8 727	3 635,748	10 913,768	3,002	2,542
39	41	97 124	65 886,313	1 975 491,009	29,983	29,523	89	91	6 351	2 619,676	7 278,020	2,778	2,318
40	42	96 941	65 110,895	1 909 604,696	29,328	28,869	90	92	4 422	1 806,002	4 658,344	2,579	2,119
41	43	96 743	64 334,501	1 844 493,801	28,670	28,210	91	93	2 933	1 185,764	2 852,342	2,405	1,946
42	44	96 516	63 548,145	1 780 159,301	28,013	27,553	92	94	1 853	741,857	1 666,578	2,246	1,787
43	45	96 289	62 770,522	1 716 611,156	27,347	26,887	93	95	1 108	439,230	924,722	2,105	1,645
44	46	96 032	61 983,179	1 653 840,634	26,682	26,222	94	96	624	244,872	485,491	1,983	1,523
45	47	95 752	61 190,533	1 591 857,454	26,015	25,555	95	97	328	127,569	240,619	1,886	1,426
46	48	95 447	60 392,252	1 530 666,921	25,345	24,885	96	98	164	63,164	113,050	1,790	1,330
47	49	95 106	59 580,443	1 470 274,669	24,677	24,217	97	99	77	29,191	49,885	1,709	1,249
48	50	94 725	58 753,883	1 410 694,226	24,010	23,550	98	100	34	12,662	20,694	1,634	1,174
49	51	94 302	57 912,512	1 351 940,344	23,345	22,885							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	5 162 621,092	51,794	51,334	50	53	93 623	56 926,246	1 274 057,431	22,381	21,921
1	4	99 328	98 344,687	5 062 945,555	51,482	51,022	51	54	93 091	56 042,256	1 217 131,185	21,718	21,258
2	5	99 295	97 338,484	4 964 600,868	51,003	50,543	52	55	92 502	55 136,572	1 161 088,928	21,058	20,598
3	6	99 275	96 355,369	4 867 262,385	50,514	50,054	53	56	91 846	54 203,295	1 105 952,357	20,404	19,944
4	7	99 256	95 383,082	4 770 907,016	50,018	49,558	54	57	91 122	53 243,721	1 051 749,062	19,753	19,294
5	8	99 240	94 423,422	4 675 523,934	49,517	49,057	55	58	90 325	52 255,506	998 505,341	19,108	18,648
6	9	99 224	93 473,303	4 581 100,512	49,010	48,550	56	59	89 436	51 229,198	946 249,835	18,471	18,011
7	10	99 210	92 534,573	4 487 627,209	48,497	48,037	57	60	88 458	50 167,135	895 020,637	17,841	17,381
8	11	99 194	91 604,393	4 395 092,636	47,979	47,519	58	61	87 382	49 066,432	844 853,502	17,219	16,759
9	12	99 179	90 683,537	4 303 488,243	47,456	46,996	59	62	86 223	47 936,109	795 787,069	16,601	16,141
10	13	99 165	89 772,799	4 212 804,706	46,927	46,467	60	63	84 951	46 761,040	747 850,960	15,993	15,533
11	14	99 150	88 870,316	4 123 031,907	46,394	45,934	61	64	83 570	45 545,723	701 089,920	15,393	14,933
12	15	99 134	87 976,214	4 034 161,591	45,855	45,395	62	65	82 072	44 286,532	655 544,197	14,802	14,342
13	16	99 114	87 087,368	3 946 185,377	45,313	44,853	63	66	80 458	42 985,436	611 257,665	14,220	13,760
14	17	99 092	86 206,082	3 859 098,010	44,766	44,306	64	67	78 720	41 640,588	568 272,229	13,647	13,187
15	18	99 067	85 330,947	3 772 891,928	44,215	43,755	65	68	76 881	40 265,256	526 631,641	13,079	12,619
16	19	99 035	84 464,244	3 687 560,981	43,661	43,201	66	69	74 928	38 854,005	486 853,385	12,518	12,058
17	20	98 996	83 590,150	3 603 101,737	43,104	42,644	67	70	72 819	37 386,332	447 512,380	11,970	11,510
18	21	98 954	82 726,914	3 519 511,588	42,544	42,084	68	71	70 605	35 890,692	410 126,047	11,427	10,967
19	22	98 899	81 862,316	3 436 784,674	41,982	41,523	69	72	68 262	34 356,218	374 235,355	10,893	10,433
20	23	98 842	81 005,498	3 354 922,358	41,416	40,956	70	73	65 824	32 801,157	339 879,138	10,362	9,902
21	24	98 785	80 157,256	3 273 916,860	40,844	40,384	71	74	63 266	31 214,026	307 077,981	9,838	9,378
22	25	98 729	79 318,489	3 193 759,603	40,265	39,805	72	75	60 566	29 586,067	275 863,955	9,324	8,864
23	26	98 668	78 484,973	3 114 441,114	39,682	39,222	73	76	57 787	27 949,324	246 277,888	8,812	8,352
24	27	98 609	77 661,396	3 035 956,141	39,092	38,632	74	77	54 878	26 279,550	218 328,564	8,308	7,848
25	28	98 544	76 841,129	2 958 294,745	38,499	38,039	75	78	51 894	24 604,539	192 049,014	7,805	7,345
26	29	98 477	76 028,624	2 881 453,616	37,900	37,440	76	79	48 754	22 886,736	167 444,474	7,316	6,856
27	30	98 409	75 224,127	2 805 424,991	37,294	36,834	77	80	45 482	21 139,592	144 557,739	6,838	6,378
28	31	98 337	74 424,785	2 730 200,864	36,684	36,224	78	81	42 112	19 379,276	123 418,147	6,369	5,909
29	32	98 260	73 630,107	2 655 776,079	36,069	35,609	79	82	38 603	17 588,552	104 038,871	5,915	5,455
30	33	98 178	72 840,655	2 582 145,972	35,449	34,989	80	83	34 968	15 774,840	86 450,319	5,480	5,020
31	34	98 092	72 056,129	2 509 305,317	34,824	34,364	81	84	31 195	13 933,367	70 675,479	5,072	4,612
32	35	97 998	71 274,555	2 437 249,187	34,195	33,735	82	85	27 389	12 112,079	56 742,112	4,685	4,225
33	36	97 893	70 492,825	2 365 974,632	33,563	33,103	83	86	23 610	10 337,479	44 630,033	4,317	3,857
34	37	97 777	69 712,684	2 295 481,808	32,928	32,468	84	87	19 890	8 622,679	34 292,554	3,977	3,517
35	38	97 659	68 939,126	2 225 769,124	32,286	31,826	85	88	16 314	7 002,321	25 669,876	3,666	3,206
36	39	97 532	68 167,235	2 156 829,998	31,640	31,180	86	89	12 991	5 520,969	18 667,554	3,381	2,921
37	40	97 382	67 388,833	2 088 662,763	30,994	30,534	87	90	10 020	4 216,121	13 146,586	3,118	2,658
38	41	97 223	66 612,858	2 021 273,929	30,344	29,884	88	91	7 443	3 100,867	8 930,465	2,880	2,420
39	42	97 053	65 838,022	1 954 661,071	29,689	29,229	89	92	5 297	2 184,998	5 829,598	2,668	2,208
40	43	96 863	65 058,360	1 888 823,049	29,033	28,573	90	93	3 591	1 466,571	3 644,600	2,485	2,025
41	44	96 657	64 276,877	1 823 764,690	28,374	27,914	91	94	2 318	937,395	2 178,028	2,323	1,864
42	45	96 425	63 488,038	1 759 487,813	27,714	27,254	92	95	1 428	571,633	1 240,633	2,170	1,710
43	46	96 185	62 703,002	1 695 999,775	27,048	26,588	93	96	826	327,554	669,000	2,042	1,582
44	47	95 918	61 909,779	1 633 296,773	26,382	25,922	94	97	450	176,476	341,446	1,935	1,475
45	48	95 627	61 111,024	1 571 386,994	25,714	25,254	95	98	232	89,970	164,969	1,834	1,374
46	49	95 303	60 300,631	1 510 275,970	25,046	24,586	96	99	112	43,013	75,000	1,744	1,284
47	50	94 946	59 480,105	1 449 975,339	24,377	23,918	97	100	50	19,171	31,986	1,668	1,208
48	51	94 550	58 645,546	1 390 495,234	23,710	23,250							
49	52	94 106	57 792,257	1 331 849,687	23,045	22,585							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	5 139 742,393	51,570	51,110	50	54	93 391	56 785,150	1 252 819,179	22,062	21,602
1	5	99 319	98 335,634	5 040 076,794	51,254	50,794	51	55	92 834	55 887,901	1 196 034,029	21,401	20,941
2	6	99 288	97 331,870	4 941 741,161	50,772	50,312	52	56	92 214	54 964,966	1 140 146,129	20,743	20,283
3	7	99 268	96 348,334	4 844 409,291	50,280	49,820	53	57	91 535	54 020,002	1 085 181,163	20,089	19,629
4	8	99 251	95 378,539	4 748 060,957	49,781	49,321	54	58	90 780	53 043,722	1 031 161,161	19,440	18,980
5	9	99 233	94 416,617	4 652 682,418	49,278	48,818	55	59	89 948	52 037,414	978 117,439	18,796	18,336
6	10	99 219	93 468,335	4 558 265,801	48,768	48,308	56	60	89 022	50 991,778	926 080,025	18,161	17,701
7	11	99 204	92 529,429	4 464 797,466	48,253	47,793	57	61	88 005	49 909,938	875 088,247	17,533	17,073
8	12	99 187	91 597,348	4 372 268,037	47,734	47,274	58	62	86 894	48 792,338	825 178,309	16,912	16,452
9	13	99 173	90 677,806	4 280 670,689	47,207	46,747	59	63	85 695	47 642,648	776 385,971	16,296	15,836
10	14	99 157	89 765,704	4 189 992,884	46,677	46,217	60	64	84 376	46 444,927	728 743,323	15,690	15,231
11	15	99 141	88 862,118	4 100 227,180	46,141	45,681	61	65	82 951	45 208,284	682 298,396	15,092	14,632
12	16	99 122	87 966,029	4 011 365,063	45,601	45,141	62	66	81 415	43 931,633	637 090,112	14,502	14,042
13	17	99 101	87 076,234	3 923 399,034	45,057	44,597	63	67	79 753	42 608,980	593 158,479	13,921	13,461
14	18	99 079	86 194,905	3 836 322,799	44,508	44,048	64	68	77 983	41 250,918	550 549,499	13,346	12,886
15	19	99 050	85 317,096	3 750 127,894	43,955	43,495	65	69	76 097	39 854,391	509 298,581	12,779	12,319
16	20	99 019	84 445,361	3 664 810,798	43,399	42,939	66	70	74 063	38 405,385	469 444,190	12,223	11,763
17	21	98 980	83 576,467	3 580 365,437	42,839	42,379	67	71	71 905	36 917,068	431 038,805	11,676	11,216
18	22	98 937	82 712,867	3 496 788,970	42,276	41,816	68	72	69 630	35 394,880	394 121,737	11,135	10,675
19	23	98 882	81 848,581	3 414 076,103	41,712	41,252	69	73	67 242	33 842,664	358 726,857	10,600	10,140
20	24	98 826	80 992,249	3 332 227,521	41,143	40,683	70	74	64 723	32 252,195	324 884,192	10,073	9,613
21	25	98 769	80 144,089	3 251 235,272	40,567	40,107	71	75	62 115	30 646,177	292 631,997	9,549	9,089
22	26	98 710	79 303,069	3 171 091,183	39,987	39,527	72	76	59 347	28 990,796	261 985,820	9,037	8,577
23	27	98 651	78 470,984	3 091 788,115	39,400	38,940	73	77	56 507	27 330,279	232 995,024	8,525	8,065
24	28	98 589	77 645,107	3 013 317,131	38,809	38,349	74	78	53 564	25 650,458	205 664,745	8,018	7,558
25	29	98 520	76 822,842	2 935 672,024	38,214	37,754	75	79	50 482	23 935,112	180 014,286	7,521	7,061
26	30	98 452	76 009,863	2 858 849,182	37,612	37,152	76	80	47 252	22 181,632	156 079,174	7,036	6,576
27	31	98 381	75 202,855	2 782 839,319	37,004	36,544	77	81	43 879	20 394,178	133 897,542	6,565	6,105
28	32	98 305	74 400,820	2 707 636,464	36,393	35,933	78	82	40 410	18 596,057	113 503,365	6,104	5,644
29	33	98 227	73 605,374	2 633 235,643	35,775	35,315	79	83	36 788	16 761,850	94 907,307	5,662	5,202
30	34	98 144	72 815,144	2 559 630,270	35,152	34,692	80	84	33 038	14 904,134	78 145,458	5,243	4,783
31	35	98 055	72 028,619	2 486 815,125	34,525	34,065	81	85	29 205	13 044,585	63 241,324	4,848	4,388
32	36	97 953	71 241,274	2 414 786,506	33,896	33,436	82	86	25 370	11 219,494	50 196,738	4,474	4,014
33	37	97 846	70 459,210	2 343 545,232	33,261	32,801	83	87	21 596	9 455,914	38 977,244	4,122	3,662
34	38	97 728	69 677,484	2 273 086,023	32,623	32,163	84	88	17 919	7 768,217	29 521,330	3,800	3,340
35	39	97 605	68 900,927	2 203 408,539	31,979	31,519	85	89	14 466	6 208,930	21 753,114	3,504	3,044
36	40	97 468	68 122,882	2 134 507,612	31,333	30,873	86	90	11 318	4 809,834	15 544,184	3,232	2,772
37	41	97 320	67 346,168	2 066 384,730	30,683	30,223	87	91	8 546	3 595,857	10 734,350	2,985	2,525
38	42	97 152	66 564,034	1 999 038,563	30,032	29,572	88	92	6 208	2 586,346	7 138,493	2,760	2,300
39	43	96 975	65 784,901	1 932 474,528	29,376	28,916	89	93	4 302	1 774,336	4 552,146	2,566	2,106
40	44	96 776	65 000,087	1 866 689,627	28,718	28,258	90	94	2 839	1 159,385	2 777,810	2,396	1,936
41	45	96 565	64 216,080	1 801 689,540	28,057	27,597	91	95	1 786	722,304	1 618,425	2,241	1,781
42	46	96 321	63 419,746	1 737 473,460	27,396	26,936	92	96	1 065	426,293	896,121	2,102	1,642
43	47	96 071	62 628,750	1 674 053,714	26,730	26,270	93	97	596	236,064	469,828	1,990	1,530
44	48	95 793	61 829,336	1 611 424,964	26,062	25,602	94	98	317	124,462	233,763	1,878	1,418
45	49	95 482	61 018,312	1 549 595,628	25,396	24,936	95	99	158	61,267	109,302	1,784	1,324
46	50	95 142	60 199,080	1 488 577,316	24,728	24,268	96	100	73	28,249	48,035	1,700	1,240
47	51	94 771	59 370,430	1 428 378,236	24,059	23,599							
48	52	94 354	58 523,768	1 369 007,806	23,392	22,932							
49	53	93 898	57 664,858	1 310 484,037	22,726	22,266							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	5 115 443,596	51,331	50,871	50	55	93 133	56 628,748	1 230 312,245	21,726	21,266
1	6	99 312	98 328,952	5 015 787,172	51,010	50,550	51	56	92 545	55 713,956	1 173 683,497	21,066	20,606
2	7	99 281	97 324,763	4 917 458,219	50,526	50,066	52	57	91 902	54 779,097	1 117 969,541	20,409	19,949
3	8	99 263	96 343,745	4 820 133,456	50,031	49,571	53	58	91 191	53 817,087	1 063 190,444	19,756	19,296
4	9	99 244	95 371,665	4 723 789,711	49,530	49,070	54	59	90 401	52 822,340	1 009 373,357	19,109	18,649
5	10	99 228	94 411,599	4 628 418,046	49,024	48,564	55	60	89 531	51 796,248	956 551,017	18,468	18,008
6	11	99 213	93 463,139	4 534 006,448	48,511	48,051	56	61	88 566	50 730,353	904 754,769	17,835	17,375
7	12	99 196	92 522,313	4 440 543,309	47,994	47,534	57	62	87 513	49 631,132	854 024,416	17,207	16,747
8	13	99 181	91 591,539	4 348 020,996	47,472	47,012	58	63	86 362	48 493,636	804 393,284	16,588	16,128
9	14	99 165	90 670,639	4 256 429,437	46,944	46,484	59	64	85 116	47 320,575	755 899,649	15,974	15,514
10	15	99 148	89 757,423	4 165 758,798	46,411	45,951	60	65	83 751	46 100,826	708 579,073	15,370	14,910
11	16	99 129	88 851,830	4 076 001,375	45,874	45,414	61	66	82 286	44 845,999	662 478,247	14,772	14,312
12	17	99 110	87 954,783	3 987 149,546	45,332	44,872	62	67	80 702	43 546,890	617 632,249	14,183	13,723
13	18	99 088	87 064,945	3 899 194,762	44,785	44,325	63	68	79 007	42 210,248	574 085,359	13,601	13,141
14	19	99 063	86 180,914	3 812 129,818	44,234	43,774	64	69	77 188	40 829,995	531 875,111	13,027	12,567
15	20	99 034	85 303,073	3 725 948,904	43,679	43,219	65	70	75 218	39 394,220	491 045,116	12,465	12,005
16	21	99 003	84 431,539	3 640 645,831	43,120	42,660	66	71	73 134	37 923,330	451 650,895	11,910	11,450
17	22	98 963	83 562,276	3 556 214,292	42,558	42,098	67	72	70 912	36 407,077	413 727,566	11,364	10,904
18	23	98 920	82 698,989	3 472 652,016	41,991	41,531	68	73	68 589	34 865,801	377 320,488	10,822	10,362
19	24	98 866	81 835,194	3 389 953,026	41,424	40,964	69	74	66 116	33 276,272	342 454,687	10,291	9,831
20	25	98 810	80 978,945	3 308 117,832	40,852	40,392	70	75	63 545	31 665,459	309 178,415	9,764	9,304
21	26	98 750	80 128,508	3 227 138,887	40,275	39,815	71	76	60 865	30 029,576	277 512,956	9,241	8,781
22	27	98 692	79 288,934	3 147 010,379	39,690	39,230	72	77	58 033	28 348,684	247 483,379	8,730	8,270
23	28	98 630	78 454,525	3 067 721,446	39,102	38,642	73	78	55 155	26 676,035	219 134,695	8,215	7,755
24	29	98 565	77 626,628	2 989 266,921	38,508	38,048	74	79	52 107	24 952,574	192 458,660	7,713	7,253
25	30	98 496	76 803,885	2 911 640,293	37,910	37,450	75	80	48 927	23 197,710	167 506,086	7,221	6,761
26	31	98 424	75 988,369	2 834 836,408	37,306	36,846	76	81	45 586	21 399,474	144 308,377	6,744	6,284
27	32	98 349	75 178,639	2 758 848,039	36,697	36,237	77	82	42 105	19 569,941	122 908,902	6,280	5,821
28	33	98 272	74 375,828	2 683 669,400	36,083	35,623	78	83	38 511	17 722,000	103 338,961	5,831	5,371
29	34	98 192	73 579,595	2 609 293,572	35,462	35,002	79	84	34 758	15 836,665	85 616,961	5,406	4,946
30	35	98 106	72 787,344	2 535 713,976	34,837	34,377	80	85	30 931	13 953,429	69 780,296	5,001	4,541
31	36	98 009	71 994,986	2 462 926,632	34,210	33,750	81	86	27 053	12 083,281	55 826,867	4,620	4,160
32	37	97 906	71 207,302	2 390 931,646	33,577	33,117	82	87	23 207	10 262,713	43 743,586	4,262	3,802
33	38	97 797	70 423,633	2 319 724,344	32,940	32,480	83	88	19 456	8 518,882	33 480,874	3,930	3,470
34	39	97 674	69 638,875	2 249 300,712	32,299	31,840	84	89	15 889	6 888,046	24 961,991	3,624	3,164
35	40	97 542	68 856,096	2 179 661,837	31,655	31,195	85	90	12 602	5 409,181	18 073,945	3,341	2,881
36	41	97 406	68 079,752	2 110 805,740	31,005	30,545	86	91	9 653	4 102,225	12 664,764	3,087	2,627
37	42	97 249	67 296,807	2 042 725,989	30,354	29,894	87	92	7 128	2 999,203	8 562,539	2,855	2,395
38	43	97 074	66 510,327	1 975 429,182	29,701	29,241	88	93	5 041	2 100,253	5 563,336	2,649	2,189
39	44	96 888	65 725,977	1 908 918,855	29,044	28,584	89	94	3 401	1 402,686	3 463,082	2,469	2,009
40	45	96 685	64 938,607	1 843 192,877	28,384	27,924	90	95	2 188	893,357	2 060,396	2,306	1,846
41	46	96 461	64 147,005	1 778 254,270	27,722	27,262	91	96	1 332	538,656	1 167,039	2,167	1,707
42	47	96 207	63 344,645	1 714 107,265	27,060	26,600	92	97	767	307,224	628,384	2,045	1,585
43	48	95 946	62 547,372	1 650 762,620	26,392	25,932	93	98	420	166,487	321,160	1,929	1,469
44	49	95 648	61 735,534	1 588 215,247	25,726	25,266	94	99	216	84,755	154,673	1,825	1,365
45	50	95 321	60 915,553	1 526 479,713	25,059	24,599	95	100	104	40,237	69,918	1,738	1,278
46	51	94 967	60 088,079	1 465 564,160	24,390	23,930							
47	52	94 574	59 247,147	1 405 476,081	23,722	23,262							
48	53	94 146	58 394,757	1 346 228,934	23,054	22,594							
49	54	93 666	57 521,931	1 287 834,177	22,389	21,929							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	5 089 714,379	51,076	50,616	50	56	92 844	56 452,498	1 206 544,303	21,373	20,913
1	7	99 305	98 321,773	4 990 064,725	50,752	50,292	51	57	92 232	55 525,555	1 150 091,805	20,713	20,253
2	8	99 276	97 320,128	4 891 742,952	50,264	49,804	52	58	91 557	54 573,331	1 094 566,251	20,057	19,597
3	9	99 256	96 336,801	4 794 422,825	49,767	49,307	53	59	90 811	53 592,477	1 039 992,920	19,406	18,946
4	10	99 239	95 366,596	4 698 086,023	49,263	48,803	54	60	89 982	52 577,537	986 400,443	18,761	18,301
5	11	99 222	94 406,350	4 602 719,427	48,754	48,294	55	61	89 072	51 530,699	933 822,906	18,122	17,662
6	12	99 205	93 455,951	4 508 313,077	48,240	47,780	56	62	88 071	50 446,964	882 292,207	17,490	17,030
7	13	99 190	92 516,466	4 414 857,126	47,720	47,260	57	63	86 977	49 327,294	831 845,243	16,864	16,404
8	14	99 173	91 584,320	4 322 340,660	47,195	46,735	58	64	85 779	48 165,809	782 517,949	16,246	15,786
9	15	99 156	90 662,274	4 230 756,340	46,665	46,205	59	65	84 485	46 969,987	734 352,139	15,634	15,175
10	16	99 137	89 747,031	4 140 094,066	46,131	45,671	60	66	83 080	45 731,388	687 382,153	15,031	14,571
11	17	99 117	88 840,471	4 050 347,035	45,591	45,131	61	67	81 566	44 453,248	641 650,765	14,434	13,974
12	18	99 097	87 943,380	3 961 506,564	45,046	44,586	62	68	79 946	43 139,381	597 197,516	13,843	13,383
13	19	99 072	87 050,812	3 873 563,184	44,498	44,038	63	69	78 201	41 779,535	554 058,135	13,261	12,801
14	20	99 046	86 166,748	3 786 512,372	43,944	43,484	64	70	76 296	40 358,560	512 278,600	12,693	12,233
15	21	99 018	85 289,110	3 700 345,624	43,386	42,926	65	71	74 274	38 899,753	471 920,040	12,132	11,672
16	22	98 986	84 417,203	3 615 056,513	42,824	42,364	66	72	72 123	37 399,438	433 020,286	11,578	11,118
17	23	98 947	83 548,256	3 530 639,311	42,259	41,799	67	73	69 852	35 862,868	395 620,848	11,031	10,572
18	24	98 904	82 685,463	3 447 091,054	41,689	41,229	68	74	67 441	34 282,286	359 757,980	10,494	10,034
19	25	98 850	81 821,751	3 364 405,591	41,119	40,659	69	75	64 914	32 670,906	325 475,694	9,962	9,502
20	26	98 790	80 963,201	3 282 583,839	40,544	40,084	70	76	62 267	31 028,351	292 804,788	9,437	8,977
21	27	98 732	80 114,226	3 201 620,638	39,963	39,503	71	77	59 517	29 364,456	261 776,437	8,915	8,455
22	28	98 671	79 272,303	3 121 506,412	39,377	38,917	72	78	56 643	27 670,061	232 411,981	8,399	7,939
23	29	98 607	78 435,853	3 042 234,109	38,786	38,326	73	79	53 654	25 950,247	204 741,920	7,890	7,430
24	30	98 541	77 607,437	2 963 798,256	38,190	37,730	74	80	50 502	24 183,825	178 791,673	7,393	6,933
25	31	98 468	76 782,166	2 886 190,783	37,589	37,129	75	81	47 202	22 379,723	154 607,847	6,908	6,448
26	32	98 393	75 963,900	2 809 408,618	36,983	36,523	76	82	43 743	20 534,608	132 228,124	6,439	5,979
27	33	98 316	75 153,386	2 733 444,717	36,372	35,912	77	83	40 126	18 650,109	111 693,516	5,989	5,529
28	34	98 238	74 349,780	2 658 291,331	35,754	35,294	78	84	36 385	16 743,819	93 043,406	5,557	5,097
29	35	98 155	73 551,503	2 583 941,551	35,131	34,671	79	85	32 541	14 826,476	76 299,588	5,146	4,686
30	36	98 061	72 753,357	2 510 390,048	34,505	34,046	80	86	28 651	12 925,149	61 473,112	4,756	4,296
31	37	97 962	71 960,655	2 437 636,691	33,875	33,415	81	87	24 746	11 052,837	48 547,963	4,392	3,932
32	38	97 856	71 171,347	2 365 676,037	33,239	32,779	82	88	20 907	9 245,732	37 495,127	4,055	3,595
33	39	97 742	70 384,610	2 294 504,689	32,600	32,140	83	89	17 252	7 553,659	28 249,395	3,740	3,280
34	40	97 610	69 593,565	2 224 120,079	31,959	31,499	84	90	13 842	6 000,823	20 695,737	3,449	2,989
35	41	97 480	68 812,502	2 154 526,514	31,310	30,850	85	91	10 748	4 613,398	14 694,914	3,185	2,725
36	42	97 335	68 029,853	2 085 714,013	30,659	30,199	86	92	8 051	3 421,550	10 081,515	2,946	2,486
37	43	97 171	67 242,508	2 017 684,160	30,006	29,546	87	93	5 788	2 435,516	6 659,965	2,735	2,275
38	44	96 987	66 450,754	1 950 441,651	29,352	28,892	88	94	3 985	1 660,337	4 224,449	2,544	2,084
39	45	96 797	65 663,811	1 883 990,897	28,691	28,231	89	95	2 620	1 080,831	2 564,113	2,372	1,912
40	46	96 581	64 868,755	1 818 327,087	28,031	27,571	90	96	1 631	666,218	1 483,282	2,226	1,766
41	47	96 347	64 071,043	1 753 458,332	27,367	26,907	91	97	960	388,202	817,064	2,105	1,645
42	48	96 082	63 262,337	1 689 387,288	26,704	26,244	92	98	541	216,673	428,862	1,979	1,519
43	49	95 801	62 452,481	1 626 124,951	26,038	25,578	93	99	286	113,373	212,189	1,872	1,412
44	50	95 487	61 631,567	1 563 672,470	25,371	24,911	94	100	142	55,663	98,816	1,775	1,315
45	51	95 146	60 803,231	1 502 040,903	24,703	24,243							
46	52	94 770	59 963,306	1 441 237,672	24,035	23,575							
47	53	94 366	59 116,541	1 381 274,366	23,365	22,905							
48	54	93 912	58 250,021	1 322 157,825	22,698	22,238							
49	55	93 408	57 363,500	1 263 907,803	22,033	21,573							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	5 062 550,574	50,807	50,347	50	57	92 530	56 261,599	1 181 535,653	21,001	20,541
1	8	99 300	98 317,090	4 962 908,196	50,479	50,019	51	58	91 886	55 316,985	1 125 274,054	20,342	19,882
2	9	99 269	97 313,114	4 864 591,106	49,989	49,529	52	59	91 175	54 345,565	1 069 957,070	19,688	19,228
3	10	99 251	96 331,681	4 767 277,992	49,488	49,028	53	60	90 390	53 344,105	1 015 611,505	19,039	18,579
4	11	99 233	95 361,294	4 670 946,311	48,982	48,522	54	61	89 520	52 307,982	962 267,400	18,396	17,936
5	12	99 214	94 399,090	4 575 585,017	48,471	48,011	55	62	88 575	51 242,839	909 959,418	17,758	17,298
6	13	99 199	93 450,045	4 481 185,927	47,953	47,493	56	63	87 532	50 138,132	858 716,579	17,127	16,667
7	14	99 182	92 509,153	4 387 735,882	47,430	46,970	57	64	86 389	48 993,833	808 578,447	16,504	16,044
8	15	99 164	91 575,871	4 295 226,729	46,903	46,443	58	65	85 143	47 808,959	759 584,615	15,888	15,428
9	16	99 145	90 651,778	4 203 650,858	46,371	45,911	59	66	83 808	46 593,584	711 775,656	15,276	14,816
10	17	99 124	89 735,558	4 112 999,080	45,835	45,375	60	67	82 352	45 330,883	665 182,072	14,674	14,214
11	18	99 104	88 828,953	4 023 263,522	45,292	44,832	61	68	80 802	44 037,258	619 851,189	14,076	13,616
12	19	99 081	87 929,105	3 934 434,569	44,746	44,286	62	69	79 131	42 699,188	575 813,931	13,485	13,025
13	20	99 056	87 036,504	3 846 505,464	44,194	43,734	63	70	77 298	41 297,137	533 114,743	12,909	12,449
14	21	99 030	86 152,645	3 759 468,960	43,637	43,177	64	71	75 339	39 851,989	491 817,606	12,341	11,881
15	22	99 001	85 274,628	3 673 316,316	43,076	42,616	65	72	73 248	38 362,373	451 965,617	11,781	11,322
16	23	98 969	84 403,040	3 588 041,688	42,511	42,051	66	73	71 045	36 840,395	413 603,244	11,227	10,767
17	24	98 930	83 534,591	3 503 638,648	41,942	41,482	67	74	68 683	35 262,665	376 762,849	10,684	10,224
18	25	98 888	82 671,881	3 420 104,057	41,370	40,910	68	75	66 214	33 658,618	341 500,184	10,146	9,686
19	26	98 830	81 805,844	3 337 432,176	40,797	40,337	69	76	63 608	32 013,568	307 841,565	9,616	9,156
20	27	98 773	80 948,770	3 255 626,332	40,218	39,758	70	77	60 887	30 341,109	275 827,997	9,091	8,631
21	28	98 711	80 097,422	3 174 677,562	39,635	39,175	71	78	58 092	28 661,517	245 486,888	8,565	8,105
22	29	98 648	79 253,437	3 094 580,140	39,047	38,587	72	79	55 102	26 917,228	216 825,371	8,055	7,595
23	30	98 582	78 416,498	3 015 326,702	38,453	37,993	73	80	52 001	25 150,762	189 908,142	7,551	7,091
24	31	98 513	77 585,527	2 936 910,205	37,854	37,394	74	81	48 721	23 331,067	164 757,380	7,062	6,602
25	32	98 436	76 757,442	2 859 324,678	37,251	36,791	75	82	45 294	21 475,240	141 426,313	6,586	6,126
26	33	98 360	75 938,383	2 782 567,236	36,642	36,182	76	83	41 687	19 569,435	119 951,073	6,130	5,670
27	34	98 282	75 127,066	2 706 628,853	36,027	35,567	77	84	37 911	17 620,700	100 381,638	5,697	5,237
28	35	98 200	74 321,394	2 631 501,787	35,407	34,947	78	85	34 064	15 675,764	82 760,938	5,280	4,820
29	36	98 109	73 517,159	2 557 180,394	34,783	34,323	79	86	30 143	13 733,857	67 085,174	4,885	4,425
30	37	98 014	72 718,664	2 483 663,235	34,154	33,694	80	87	26 208	11 822,911	53 351,317	4,513	4,053
31	38	97 913	71 924,319	2 410 944,571	33,521	33,061	81	88	22 294	9 957,558	41 528,406	4,171	3,711
32	39	97 802	71 131,911	2 339 020,252	32,883	32,423	82	89	18 538	8 198,153	31 570,847	3,851	3,391
33	40	97 679	70 338,815	2 267 888,341	32,242	31,782	83	90	15 030	6 580,700	23 372,695	3,552	3,092
34	41	97 549	69 549,503	2 197 549,526	31,597	31,137	84	91	11 806	5 118,000	16 791,994	3,281	2,821
35	42	97 409	68 762,066	2 128 000,023	30,947	30,487	85	92	8 965	3 847,906	11 673,995	3,034	2,574
36	43	97 256	67 974,963	2 059 237,957	30,294	29,834	86	93	6 538	2 778,484	7 826,089	2,817	2,357
37	44	97 084	67 182,280	1 991 262,994	29,640	29,180	87	94	4 576	1 925,376	5 047,605	2,622	2,162
38	45	96 895	66 387,902	1 924 080,714	28,982	28,522	88	95	3 071	1 279,362	3 122,229	2,440	1,980
39	46	96 692	65 593,179	1 857 692,813	28,321	27,861	89	96	1 954	806,026	1 842,867	2,286	1,826
40	47	96 466	64 791,938	1 792 099,634	27,659	27,199	90	97	1 176	480,134	1 036,842	2,159	1,700
41	48	96 222	63 987,791	1 727 307,696	26,994	26,534	91	98	677	273,783	556,707	2,033	1,573
42	49	95 936	63 166,361	1 663 319,905	26,332	25,872	92	99	369	147,549	282,924	1,917	1,458
43	50	95 639	62 347,307	1 600 153,544	25,665	25,205	93	100	188	74,457	135,375	1,818	1,358
44	51	95 311	61 517,925	1 537 806,236	24,998	24,538							
45	52	94 948	60 676,973	1 476 288,312	24,330	23,870							
46	53	94 561	59 831,122	1 415 611,339	23,660	23,200							
47	54	94 132	58 970,016	1 355 780,217	22,991	22,531							
48	55	93 654	58 089,585	1 296 810,201	22,324	21,864							
49	56	93 117	57 184,963	1 238 720,616	21,662	21,202							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	5 033 958,016	50,523	50,063	50	58	92 182	56 050,264	1 155 308,663	20,612	20,152
1	9	99 293	98 310,004	4 934 320,384	50,191	49,731	51	59	91 502	55 086,115	1 099 258,399	19,955	19,495
2	10	99 264	97 307,942	4 836 010,380	49,698	49,238	52	60	90 752	54 093,702	1 044 172,284	19,303	18,843
3	11	99 245	96 326,326	4 738 702,438	49,194	48,734	53	61	89 926	53 070,620	990 078,581	18,656	18,196
4	12	99 226	95 353,961	4 642 376,112	48,686	48,226	54	62	89 020	52 015,780	937 007,961	18,014	17,554
5	13	99 208	94 393,124	4 547 022,152	48,171	47,711	55	63	88 032	50 929,134	884 992,181	17,377	16,917
6	14	99 191	93 442,659	4 452 629,028	47,651	47,191	56	64	86 940	49 799,189	834 063,047	16,749	16,289
7	15	99 173	92 500,619	4 359 186,369	47,126	46,666	57	65	85 749	48 630,847	784 263,858	16,127	15,667
8	16	99 152	91 565,269	4 266 685,750	46,597	46,137	58	66	84 461	47 425,832	735 633,011	15,511	15,051
9	17	99 132	90 640,189	4 175 120,480	46,063	45,603	59	67	83 074	46 185,528	688 207,178	14,901	14,441
10	18	99 111	89 723,924	4 084 480,291	45,523	45,063	60	68	81 582	44 906,680	642 021,650	14,297	13,837
11	19	99 088	88 814,534	3 994 756,368	44,979	44,519	61	69	79 978	43 587,903	597 114,970	13,699	13,239
12	20	99 064	87 914,652	3 905 941,834	44,429	43,969	62	70	78 217	42 206,171	553 520,067	13,115	12,655
13	21	99 039	87 022,258	3 818 027,182	43,874	43,414	63	71	76 327	40 778,785	511 320,897	12,539	12,079
14	22	99 013	86 138,016	3 731 004,924	43,314	42,854	64	72	74 298	39 301,454	470 542,112	11,973	11,513
15	23	98 985	85 260,321	3 644 866,908	42,750	42,290	65	73	72 153	37 788,936	431 240,658	11,412	10,952
16	24	98 953	84 389,235	3 559 606,587	42,181	41,721	66	74	69 856	36 223,833	393 451,722	10,862	10,402
17	25	98 914	83 520,869	3 475 217,352	41,609	41,149	67	75	67 433	34 621,163	357 227,889	10,318	9,858
18	26	98 869	82 655,808	3 391 696,483	41,034	40,574	68	76	64 882	32 981,407	322 606,726	9,781	9,321
19	27	98 813	81 791,263	3 309 040,675	40,457	39,997	69	77	62 199	31 304,505	289 625,319	9,252	8,792
20	28	98 752	80 931,792	3 227 249,412	39,876	39,416	70	78	59 430	29 614,791	258 320,813	8,723	8,263
21	29	98 688	80 078,360	3 146 317,620	39,290	38,831	71	79	56 512	27 881,709	228 706,023	8,203	7,743
22	30	98 624	79 233,880	3 066 239,261	38,699	38,239	72	80	53 405	26 087,952	200 824,313	7,698	7,238
23	31	98 554	78 394,323	2 987 005,381	38,102	37,642	73	81	50 167	24 263,908	174 736,362	7,201	6,742
24	32	98 481	77 560,544	2 908 611,058	37,501	37,041	74	82	46 752	22 388,135	150 472,454	6,721	6,261
25	33	98 403	76 731,658	2 831 050,514	36,895	36,435	75	83	43 165	20 465,855	128 084,318	6,258	5,798
26	34	98 325	75 911,788	2 754 318,856	36,283	35,823	76	84	39 386	18 489,283	107 618,464	5,821	5,361
27	35	98 244	75 098,382	2 678 407,068	35,665	35,205	77	85	35 493	16 496,711	89 129,181	5,403	4,943
28	36	98 154	74 286,690	2 603 308,686	35,044	34,584	78	86	31 554	14 520,558	72 632,470	5,002	4,542
29	37	98 062	73 482,102	2 529 021,996	34,417	33,957	79	87	27 572	12 562,654	58 111,912	4,626	4,166
30	38	97 964	72 681,946	2 455 539,894	33,785	33,325	80	88	23 611	10 651,323	45 549,258	4,276	3,816
31	39	97 858	71 884,465	2 382 857,948	33,148	32,688	81	89	19 768	8 829,327	34 897,935	3,953	3,493
32	40	97 739	71 085,629	2 310 973,482	32,510	32,050	82	90	16 150	7 142,180	26 068,608	3,650	3,190
33	41	97 617	70 294,281	2 239 887,853	31,864	31,404	83	91	12 818	5 612,567	18 926,428	3,372	2,912
34	42	97 477	69 498,527	2 169 593,572	31,218	30,758	84	92	9 847	4 268,779	13 313,861	3,119	2,659
35	43	97 330	68 706,585	2 100 095,045	30,566	30,106	85	93	7 280	3 124,708	9 045,082	2,895	2,435
36	44	97 169	67 914,078	2 031 388,459	29,911	29,451	86	94	5 169	2 196,506	5 920,374	2,695	2,235
37	45	96 992	67 118,735	1 963 474,381	29,254	28,794	87	95	3 526	1 483,586	3 723,867	2,510	2,050
38	46	96 791	66 316,491	1 896 355,646	28,596	28,136	88	96	2 290	954,079	2 240,282	2,348	1,888
39	47	96 578	65 515,504	1 830 039,155	27,933	27,473	89	97	1 408	580,892	1 286,202	2,214	1,754
40	48	96 341	64 707,749	1 764 523,651	27,269	26,809	90	98	829	338,619	705,310	2,083	1,623
41	49	96 076	63 890,715	1 699 815,902	26,605	26,145	91	99	461	186,440	366,691	1,967	1,507
42	50	95 775	63 059,985	1 635 925,187	25,942	25,482	92	100	242	96,902	180,251	1,860	1,400
43	51	95 463	62 232,345	1 572 865,202	25,274	24,814							
44	52	95 113	61 390,183	1 510 632,857	24,607	24,147							
45	53	94 739	60 543,215	1 449 242,675	23,937	23,477							
46	54	94 326	59 682,826	1 388 699,460	23,268	22,808							
47	55	93 872	58 807,597	1 329 016,634	22,599	22,139							
48	56	93 362	57 908,788	1 270 209,038	21,935	21,475							
49	57	92 802	56 991,587	1 212 300,250	21,272	20,812							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	5 003 945,711	50,225	49,765	50	59	91 797	55 816,334	1 127 897,997	20,207	19,747
1	10	99 288	98 304,779	4 904 315,260	49,889	49,429	51	60	91 078	54 830,820	1 072 081,663	19,553	19,093
2	11	99 258	97 302,532	4 806 010,481	49,392	48,932	52	61	90 287	53 816,374	1 017 250,843	18,902	18,442
3	12	99 237	96 318,918	4 708 707,948	48,887	48,427	53	62	89 424	52 774,158	963 434,468	18,256	17,796
4	13	99 219	95 347,934	4 612 389,031	48,374	47,914	54	63	88 475	51 697,344	910 660,311	17,615	17,155
5	14	99 200	94 385,663	4 517 041,096	47,857	47,397	55	64	87 437	50 584,844	858 962,967	16,981	16,521
6	15	99 182	93 434,039	4 422 655,433	47,335	46,875	56	65	86 296	49 430,237	808 378,123	16,354	15,894
7	16	99 162	92 489,910	4 329 221,394	46,807	46,348	57	66	85 062	48 241,135	758 947,886	15,732	15,272
8	17	99 139	91 553,564	4 236 731,484	46,276	45,816	58	67	83 721	47 010,488	710 606,751	15,118	14,658
9	18	99 119	90 628,437	4 145 177,920	45,738	45,278	59	68	82 297	45 753,327	663 696,263	14,506	14,046
10	19	99 095	89 709,359	4 054 549,483	45,197	44,737	60	69	80 749	44 448,453	617 942,936	13,902	13,442
11	20	99 071	88 799,936	3 964 840,124	44,649	44,189	61	70	79 054	43 084,624	573 494,483	13,311	12,851
12	21	99 048	87 900,262	3 876 040,188	44,096	43,636	62	71	77 235	41 676,409	530 409,859	12,727	12,267
13	22	99 023	87 007,482	3 788 139,926	43,538	43,078	63	72	75 273	40 215,446	488 733,450	12,153	11,693
14	23	98 997	86 123,564	3 701 132,445	42,975	42,515	64	73	73 187	38 713,980	448 518,003	11,585	11,125
15	24	98 968	85 246,376	3 615 008,881	42,407	41,947	65	74	70 945	37 156,499	409 804,023	11,029	10,569
16	25	98 937	84 375,372	3 529 762,504	41,834	41,374	66	75	68 585	35 564,845	372 647,525	10,478	10,018
17	26	98 895	83 504,632	3 445 387,132	41,260	40,800	67	76	66 076	33 924,586	337 082,680	9,936	9,476
18	27	98 851	82 641,076	3 361 882,501	40,681	40,221	68	77	63 445	32 250,908	303 158,094	9,400	8,940
19	28	98 792	81 774,107	3 279 241,425	40,101	39,641	69	78	60 710	30 555,124	270 907,186	8,866	8,406
20	29	98 729	80 912,531	3 197 467,318	39,518	39,058	70	79	57 813	28 809,047	240 352,062	8,343	7,883
21	30	98 664	80 058,599	3 116 554,787	38,928	38,468	71	80	54 770	27 022,719	211 543,015	7,828	7,368
22	31	98 596	79 211,474	3 036 496,188	38,334	37,874	72	81	51 522	25 168,051	184 520,297	7,332	6,872
23	32	98 523	78 369,080	2 957 284,714	37,735	37,275	73	82	48 140	23 283,275	159 352,245	6,844	6,384
24	33	98 448	77 534,491	2 878 915,634	37,131	36,671	74	83	44 554	21 335,842	136 068,970	6,377	5,918
25	34	98 369	76 704,785	2 801 381,144	36,522	36,062	75	84	40 783	19 336,224	114 733,129	5,934	5,474
26	35	98 288	75 882,805	2 724 676,359	35,906	35,446	76	85	36 874	17 309,888	95 396,904	5,511	5,051
27	36	98 198	75 063,316	2 648 793,554	35,287	34,827	77	86	32 877	15 281,007	78 087,016	5,110	4,650
28	37	98 108	74 251,266	2 573 730,238	34,662	34,202	78	87	28 863	13 282,267	62 806,009	4,729	4,269
29	38	98 013	73 444,998	2 499 478,972	34,032	33,572	79	88	24 840	11 317,761	49 523,743	4,376	3,916
30	39	97 910	72 641,672	2 426 033,974	33,397	32,937	80	89	20 936	9 444,485	38 205,982	4,045	3,585
31	40	97 795	71 837,694	2 353 392,301	32,760	32,300	81	90	17 222	7 692,054	28 761,497	3,739	3,279
32	41	97 677	71 040,623	2 281 554,607	32,116	31,656	82	91	13 774	6 091,443	21 069,443	3,459	2,999
33	42	97 545	70 242,760	2 210 513,984	31,470	31,010	83	92	10 692	4 681,284	14 977,999	3,200	2,740
34	43	97 398	69 442,452	2 140 271,225	30,821	30,361	84	93	7 996	3 466,480	10 296,715	2,970	2,510
35	44	97 243	68 645,045	2 070 828,772	30,167	29,707	85	94	5 755	2 470,210	6 830,235	2,765	2,305
36	45	97 077	67 849,842	2 002 183,727	29,509	29,049	86	95	3 983	1 692,504	4 360,025	2,576	2,116
37	46	96 887	67 046,538	1 934 333,886	28,851	28,391	87	96	2 629	1 106,379	2 667,521	2,411	1,951
38	47	96 676	66 237,959	1 867 287,347	28,191	27,731	88	97	1 650	687,593	1 561,142	2,270	1,810
39	48	96 452	65 430,375	1 801 049,388	27,526	27,066	89	98	993	409,680	873,549	2,132	1,672
40	49	96 195	64 609,581	1 735 619,013	26,863	26,403	90	99	565	230,592	463,870	2,012	1,552
41	50	95 914	63 783,119	1 671 009,432	26,198	25,738	91	100	303	122,443	233,278	1,905	1,445
42	51	95 598	62 943,709	1 607 226,313	25,534	25,074							
43	52	95 265	62 103,119	1 544 282,605	24,866	24,406							
44	53	94 903	61 254,853	1 482 179,486	24,197	23,737							
45	54	94 504	60 393,154	1 420 924,633	23,528	23,068							
46	55	94 066	59 518,443	1 360 531,479	22,859	22,399							
47	56	93 580	58 624,565	1 301 013,037	22,192	21,732							
48	57	93 046	57 712,964	1 242 388,472	21,527	21,067							
49	58	92 454	56 777,510	1 184 675,507	20,865	20,405							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	4 972 532,832	49,912	49,452	50	60	91 372	55 557,655	1 099 345,937	19,787	19,327
1	11	99 282	98 299,314	4 872 907,677	49,572	49,112	51	61	90 611	54 549,713	1 043 788,282	19,135	18,675
2	12	99 251	97 295,049	4 774 608,363	49,073	48,614	52	62	89 783	53 515,746	989 238,569	18,485	18,025
3	13	99 231	96 312,831	4 677 313,313	48,564	48,104	53	63	88 877	52 451,079	935 722,822	17,840	17,380
4	14	99 212	95 340,398	4 581 000,483	48,049	47,589	54	64	87 877	51 347,860	883 271,744	17,202	16,742
5	15	99 191	94 376,956	4 485 660,084	47,529	47,069	55	65	86 789	50 210,071	831 923,883	16,569	16,109
6	16	99 171	93 423,222	4 391 283,128	47,004	46,544	56	66	85 604	49 034,118	781 713,812	15,942	15,482
7	17	99 149	92 478,086	4 297 859,907	46,474	46,014	57	67	84 317	47 818,650	732 679,694	15,322	14,862
8	18	99 127	91 541,393	4 205 381,820	45,940	45,480	58	68	82 938	46 570,567	684 861,044	14,706	14,246
9	19	99 103	90 613,726	4 113 840,127	45,400	44,940	59	69	81 457	45 286,461	638 290,477	14,095	13,635
10	20	99 079	89 694,614	4 023 226,400	44,855	44,395	60	70	79 817	43 935,239	593 004,015	13,497	13,037
11	21	99 055	88 785,401	3 933 531,786	44,304	43,844	61	71	78 062	42 543,836	549 068,777	12,906	12,446
12	22	99 031	87 885,337	3 844 746,386	43,747	43,287	62	72	76 168	41 100,670	506 524,941	12,324	11,864
13	23	99 006	86 992,884	3 756 861,049	43,186	42,726	63	73	74 148	39 614,310	465 424,270	11,749	11,289
14	24	98 981	86 109,478	3 669 868,165	42,619	42,159	64	74	71 962	38 066,061	425 809,960	11,186	10,726
15	25	98 952	85 232,373	3 583 758,687	42,047	41,587	65	75	69 655	36 480,543	387 743,900	10,629	10,169
16	26	98 918	84 358,968	3 498 526,315	41,472	41,012	66	76	67 205	34 849,280	351 263,356	10,080	9,620
17	27	98 877	83 489,748	3 414 167,346	40,893	40,433	67	77	64 613	33 173,196	316 414,076	9,538	9,078
18	28	98 830	82 623,742	3 330 677,599	40,311	39,851	68	78	61 926	31 478,872	283 240,879	8,998	8,538
19	29	98 769	81 754,646	3 248 053,857	39,729	39,269	69	79	59 058	29 723,796	251 762,008	8,470	8,010
20	30	98 704	80 892,564	3 166 299,211	39,142	38,682	70	80	56 032	27 921,486	222 038,212	7,952	7,492
21	31	98 636	80 035,960	3 085 406,646	38,550	38,090	71	81	52 839	26 069,857	194 116,725	7,446	6,986
22	32	98 564	79 185,967	3 005 370,687	37,953	37,493	72	82	49 439	24 150,877	168 046,868	6,958	6,498
23	33	98 490	78 342,755	2 926 184,719	37,351	36,891	73	83	45 877	22 188,908	143 895,991	6,485	6,025
24	34	98 414	77 507,336	2 847 841,964	36,743	36,283	74	84	42 095	20 158,191	121 707,083	6,038	5,578
25	35	98 331	76 675,499	2 770 334,629	36,131	35,671	75	85	38 181	18 102,805	101 548,892	5,610	5,150
26	36	98 242	75 847,372	2 693 659,129	35,514	35,054	76	86	34 156	16 034,258	83 446,087	5,204	4,744
27	37	98 152	75 027,522	2 617 811,757	34,891	34,431	77	87	30 074	13 977,865	67 411,829	4,823	4,363
28	38	98 058	74 213,774	2 542 784,235	34,263	33,803	78	88	26 003	11 966,064	53 433,964	4,465	4,005
29	39	97 958	73 404,302	2 468 570,461	33,630	33,170	79	89	22 025	10 035,413	41 467,900	4,132	3,672
30	40	97 846	72 594,408	2 395 166,159	32,994	32,534	80	90	18 239	8 227,976	31 432,488	3,820	3,360
31	41	97 733	71 792,212	2 322 571,751	32,351	31,891	81	91	14 688	6 560,422	23 204,511	3,537	3,077
32	42	97 605	70 988,554	2 250 779,539	31,706	31,246	82	92	11 489	5 080,701	16 644,089	3,276	2,816
33	43	97 467	70 186,084	2 179 790,985	31,057	30,597	83	93	8 682	3 801,456	11 563,388	3,042	2,582
34	44	97 311	69 380,253	2 109 604,901	30,406	29,946	84	94	6 321	2 740,396	7 761,931	2,832	2,372
35	45	97 151	68 580,117	2 040 224,648	29,750	29,290	85	95	4 435	1 903,405	5 021,536	2,638	2,178
36	46	96 973	67 776,858	1 971 644,530	29,090	28,630	86	96	2 970	1 262,179	3 118,131	2,470	2,010
37	47	96 773	66 967,142	1 903 867,672	28,430	27,970	87	97	1 895	797,353	1 855,953	2,328	1,868
38	48	96 550	66 151,892	1 836 900,530	27,768	27,308	88	98	1 164	484,931	1 058,600	2,183	1,723
39	49	96 306	65 331,110	1 770 748,638	27,104	26,644	89	99	676	278,982	573,668	2,056	1,596
40	50	96 033	64 500,774	1 705 417,528	26,440	25,980	90	100	371	151,440	294,686	1,946	1,486
41	51	95 737	63 665,509	1 640 916,754	25,774	25,314							
42	52	95 400	62 813,006	1 577 251,245	25,110	24,650							
43	53	95 055	61 966,218	1 514 438,239	24,440	23,980							
44	54	94 668	61 103,028	1 452 472,022	23,771	23,311							
45	55	94 244	60 226,815	1 391 368,994	23,102	22,642							
46	56	93 774	59 333,199	1 331 142,179	22,435	21,975							
47	57	93 264	58 426,321	1 271 808,981	21,768	21,308							
48	58	92 697	57 496,178	1 213 382,660	21,104	20,644							
49	59	92 068	56 540,545	1 155 886,482	20,443	19,984							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	4 939 738,305	49,586	49,126	50	61	90 903	55 272,822	1 069 701,334	19,353	18,893
1	12	99 275	98 291,754	4 840 118,688	49,242	48,782	51	62	90 105	54 244,989	1 014 428,512	18,701	18,241
2	13	99 244	97 288,901	4 741 826,933	48,740	48,280	52	63	89 233	53 188,127	960 183,524	18,053	17,593
3	14	99 223	96 305,218	4 644 538,033	48,227	47,767	53	64	88 276	52 096,500	906 995,396	17,410	16,950
4	15	99 202	95 331,603	4 548 232,815	47,710	47,250	54	65	87 226	50 967,435	854 898,897	16,773	16,313
5	16	99 180	94 366,030	4 452 901,212	47,188	46,728	55	66	86 094	49 807,703	803 931,462	16,141	15,681
6	17	99 158	93 411,278	4 358 535,182	46,660	46,200	56	67	84 855	48 604,689	754 123,759	15,515	15,055
7	18	99 136	92 466,096	4 265 123,903	46,126	45,666	57	68	83 528	47 371,167	705 519,070	14,893	14,433
8	19	99 110	91 526,834	4 172 657,807	45,589	45,129	58	69	82 091	46 095,363	658 147,904	14,278	13,818
9	20	99 087	90 598,833	4 081 130,973	45,046	44,586	59	70	80 517	44 763,571	612 052,541	13,673	13,213
10	21	99 062	89 679,933	3 990 532,140	44,497	44,038	60	71	78 815	43 383,774	567 288,971	13,076	12,616
11	22	99 038	88 770,325	3 900 852,207	43,943	43,483	61	72	76 984	41 956,115	523 905,197	12,487	12,027
12	23	99 015	87 870,591	3 812 081,882	43,383	42,923	62	73	75 030	40 486,302	481 949,083	11,904	11,444
13	24	98 990	86 978,655	3 724 211,291	42,818	42,358	63	74	72 907	38 951,323	441 462,781	11,334	10,874
14	25	98 964	86 095,333	3 637 232,636	42,247	41,787	64	75	70 653	37 373,559	402 511,458	10,770	10,310
15	26	98 933	85 215,802	3 551 137,303	41,672	41,212	65	76	68 253	35 746,555	365 137,899	10,215	9,755
16	27	98 900	84 343,932	3 465 921,501	41,093	40,633	66	77	65 717	34 077,410	329 391,343	9,666	9,206
17	28	98 857	83 472,236	3 381 577,568	40,511	40,051	67	78	63 066	32 379,082	295 313,933	9,121	8,661
18	29	98 807	82 604,078	3 298 105,332	39,927	39,467	68	79	60 241	30 622,411	262 934,852	8,586	8,126
19	30	98 744	81 734,472	3 215 501,254	39,341	38,881	69	80	57 239	28 808,054	232 312,441	8,064	7,604
20	31	98 676	80 869,689	3 133 766,782	38,751	38,291	70	81	54 056	26 936,932	203 504,387	7,555	7,095
21	32	98 604	80 010,188	3 052 897,093	38,156	37,696	71	82	50 704	25 016,236	176 567,455	7,058	6,598
22	33	98 531	79 159,368	2 972 886,905	37,556	37,096	72	83	47 115	23 015,731	151 551,219	6,585	6,125
23	34	98 455	78 315,317	2 893 727,537	36,950	36,490	73	84	43 345	20 964,172	128 535,488	6,131	5,671
24	35	98 376	77 477,744	2 815 412,220	36,338	35,878	74	85	39 410	18 872,341	107 571,316	5,700	5,240
25	36	98 285	76 639,697	2 737 934,476	35,725	35,265	75	86	35 367	16 768,742	88 698,975	5,290	4,830
26	37	98 195	75 811,204	2 661 294,779	35,104	34,644	76	87	31 244	14 666,880	71 930,234	4,904	4,444
27	38	98 102	74 989,638	2 585 483,575	34,478	34,018	77	88	27 094	12 592,732	57 263,354	4,547	4,087
28	39	98 004	74 172,652	2 510 493,937	33,847	33,387	78	89	23 056	10 610,260	44 670,622	4,210	3,750
29	40	97 895	73 356,542	2 436 321,286	33,212	32,752	79	90	19 188	8 742,789	34 060,362	3,896	3,436
30	41	97 784	72 548,447	2 362 964,744	32,571	32,111	80	91	15 556	7 017,501	25 317,573	3,608	3,148
31	42	97 661	71 739,592	2 290 416,297	31,927	31,467	81	92	12 251	5 471,863	18 300,072	3,344	2,884
32	43	97 526	70 931,277	2 218 676,705	31,279	30,819	82	93	9 330	4 125,805	12 828,208	3,109	2,649
33	44	97 379	70 123,219	2 147 745,428	30,628	30,168	83	94	6 864	3 005,208	8 702,404	2,896	2,436
34	45	97 219	69 314,630	2 077 622,209	29,974	29,514	84	95	4 871	2 111,594	5 697,196	2,698	2,238
35	46	97 046	68 506,348	2 008 307,580	29,316	28,856	85	96	3 307	1 419,457	3 585,602	2,526	2,066
36	47	96 858	67 696,597	1 939 801,231	28,654	28,194	86	97	2 140	909,636	2 166,145	2,381	1,921
37	48	96 647	66 880,127	1 872 104,634	27,992	27,532	87	98	1 336	562,341	1 256,509	2,234	1,774
38	49	96 404	66 051,532	1 805 224,506	27,331	26,871	88	99	793	330,227	694,168	2,102	1,642
39	50	96 144	65 221,088	1 739 172,974	26,666	26,206	89	100	444	183,220	363,941	1,986	1,526
40	51	95 856	64 381,841	1 673 951,886	26,000	25,540							
41	52	95 538	63 533,307	1 609 570,045	25,334	24,874							
42	53	95 189	62 674,539	1 546 036,738	24,668	24,208							
43	54	94 819	61 812,630	1 483 362,199	23,998	23,538							
44	55	94 407	60 934,733	1 421 549,569	23,329	22,869							
45	56	93 950	60 039,366	1 360 614,836	22,662	22,202							
46	57	93 457	59 132,558	1 300 575,470	21,994	21,534							
47	58	92 913	58 206,855	1 241 442,912	21,328	20,868							
48	59	92 310	57 256,213	1 183 236,057	20,666	20,206							
49	60	91 641	56 278,510	1 125 979,844	20,007	19,547							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	4 905 586,268	49,247	48,787	50	62	90 396	54 964,058	1 039 017,870	18,904	18,444
1	13	99 268	98 285,543	4 805 974,313	48,898	48,438	51	63	89 554	53 912,905	984 053,812	18,253	17,793
2	14	99 237	97 281,211	4 707 688,770	48,393	47,933	52	64	88 630	52 828,566	930 140,907	17,607	17,147
3	15	99 214	96 296,334	4 610 407,559	47,877	47,417	53	65	87 622	51 710,527	877 312,341	16,966	16,506
4	16	99 191	95 320,566	4 514 111,225	47,357	46,897	54	66	86 527	50 558,997	825 601,814	16,329	15,869
5	17	99 167	94 353,966	4 418 790,659	46,832	46,372	55	67	85 340	49 371,499	775 042,817	15,698	15,238
6	18	99 145	93 399,167	4 324 436,693	46,301	45,841	56	68	84 060	48 149,849	725 671,318	15,071	14,611
7	19	99 120	92 451,087	4 231 037,525	45,765	45,305	57	69	82 676	46 887,792	677 521,469	14,450	13,990
8	20	99 094	91 511,790	4 138 586,438	45,225	44,765	58	70	81 143	45 563,132	630 633,676	13,841	13,381
9	21	99 070	90 584,003	4 047 074,648	44,678	44,218	59	71	79 506	44 201,709	585 070,544	13,236	12,776
10	22	99 046	89 664,705	3 956 490,645	44,125	43,665	60	72	77 726	42 784,449	540 868,836	12,642	12,182
11	23	99 022	88 755,431	3 866 825,939	43,567	43,107	61	73	75 833	41 328,959	498 084,387	12,052	11,592
12	24	98 999	87 856,220	3 778 070,508	43,003	42,543	62	74	73 774	39 808,721	456 755,428	11,474	11,014
13	25	98 974	86 964,367	3 690 214,288	42,434	41,974	63	75	71 581	38 242,716	416 946,707	10,903	10,443
14	26	98 945	86 078,594	3 603 249,921	41,860	41,400	64	76	69 232	36 621,603	378 703,991	10,341	9,881
15	27	98 915	85 200,614	3 517 171,327	41,281	40,821	65	77	66 742	34 954,811	342 082,387	9,786	9,326
16	28	98 879	84 326,241	3 431 970,713	40,699	40,239	66	78	64 144	33 261,650	307 127,576	9,234	8,774
17	29	98 833	83 452,371	3 347 644,472	40,114	39,654	67	79	61 350	31 498,128	273 865,926	8,695	8,235
18	30	98 782	82 583,694	3 264 192,101	39,526	39,066	68	80	58 385	29 678,984	242 367,798	8,166	7,706
19	31	98 716	81 711,359	3 181 608,407	38,937	38,477	69	81	55 220	27 792,238	212 688,814	7,653	7,193
20	32	98 645	80 843,649	3 099 897,048	38,344	37,884	70	82	51 871	25 848,269	184 896,576	7,153	6,693
21	33	98 571	79 983,312	3 019 053,399	37,746	37,286	71	83	48 320	23 840,416	159 048,307	6,671	6,211
22	34	98 496	79 131,645	2 939 070,088	37,142	36,682	72	84	44 515	21 745,357	135 207,892	6,218	5,758
23	35	98 418	78 285,417	2 859 938,443	36,532	36,072	73	85	40 580	19 626,909	113 462,534	5,781	5,321
24	36	98 330	77 441,567	2 781 653,026	35,919	35,459	74	86	36 506	17 481,567	93 835,625	5,368	4,908
25	37	98 238	76 603,150	2 704 211,460	35,302	34,842	75	87	32 351	15 338,728	76 354,058	4,978	4,518
26	38	98 145	75 772,925	2 627 608,309	34,677	34,217	76	88	28 148	13 213,469	61 015,329	4,618	4,158
27	39	98 048	74 948,086	2 551 835,385	34,048	33,588	77	89	24 024	11 165,924	47 801,860	4,281	3,821
28	40	97 940	74 124,392	2 476 887,299	33,415	32,955	78	90	20 087	9 243,593	36 635,936	3,963	3,503
29	41	97 833	73 310,098	2 402 762,908	32,775	32,315	79	91	16 365	7 456,576	27 392,343	3,674	3,214
30	42	97 713	72 495,273	2 329 452,810	32,132	31,672	80	92	12 975	5 853,100	19 935,767	3,406	2,946
31	43	97 582	71 681,709	2 256 957,537	31,486	31,026	81	93	9 948	4 443,450	14 082,668	3,169	2,709
32	44	97 439	70 867,744	2 185 275,828	30,836	30,376	82	94	7 375	3 261,619	9 639,218	2,955	2,495
33	45	97 287	70 056,893	2 114 408,084	30,181	29,721	83	95	5 289	2 315,644	6 377,599	2,754	2,294
34	46	97 115	69 240,071	2 044 351,191	29,526	29,066	84	96	3 632	1 574,714	4 061,956	2,579	2,120
35	47	96 931	68 425,224	1 975 111,120	28,865	28,405	85	97	2 383	1 022,985	2 487,242	2,431	1,971
36	48	96 732	67 608,635	1 906 685,897	28,202	27,742	86	98	1 510	641,529	1 464,258	2,282	1,822
37	49	96 500	66 778,663	1 839 077,262	27,540	27,080	87	99	910	382,941	822,728	2,148	1,688
38	50	96 242	65 940,297	1 772 298,599	26,877	26,417	88	100	521	216,875	439,788	2,028	1,568
39	51	95 967	65 100,827	1 706 358,302	26,211	25,751							
40	52	95 657	64 248,152	1 641 257,475	25,546	25,086							
41	53	95 328	63 393,253	1 577 009,323	24,877	24,417							
42	54	94 954	62 519,195	1 513 616,070	24,210	23,750							
43	55	94 558	61 642,381	1 451 096,875	23,541	23,081							
44	56	94 113	60 745,081	1 389 454,494	22,874	22,414							
45	57	93 633	59 836,337	1 328 709,413	22,206	21,746							
46	58	93 106	58 910,439	1 268 873,076	21,539	21,079							
47	59	92 526	57 963,924	1 209 962,636	20,874	20,414							
48	60	91 882	56 990,861	1 151 998,712	20,214	19,754							
49	61	91 171	55 989,981	1 095 007,851	19,557	19,097							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	4 870 104,916	48,894	48,434	50	63	89 842	54 627,572	1 007 349,455	18,440	17,980
1	14	99 261	98 277,774	4 770 499,255	48,541	48,081	51	64	88 948	53 548,444	952 721,882	17,792	17,332
2	15	99 227	97 272,237	4 672 221,481	48,032	47,572	52	65	87 973	52 437,170	899 173,438	17,148	16,688
3	16	99 203	96 285,186	4 574 949,245	47,515	47,055	53	66	86 920	51 296,135	846 736,269	16,507	16,047
4	17	99 178	95 308,381	4 478 664,059	46,991	46,531	54	67	85 769	50 116,213	795 440,134	15,872	15,412
5	18	99 154	94 341,733	4 383 355,678	46,463	46,003	55	68	84 541	48 909,484	745 323,920	15,239	14,779
6	19	99 129	93 384,007	4 289 013,945	45,929	45,469	56	69	83 203	47 658,529	696 414,436	14,613	14,153
7	20	99 104	92 435,891	4 195 629,939	45,390	44,930	57	70	81 721	46 346,412	648 755,907	13,998	13,538
8	21	98 978	91 496,811	4 103 194,048	44,845	44,385	58	71	80 125	44 991,234	602 409,495	13,389	12,930
9	22	98 954	90 568,622	4 011 697,236	44,295	43,835	59	72	78 408	43 591,085	557 418,261	12,787	12,327
10	23	98 929	89 649,662	3 921 128,614	43,738	43,278	60	73	76 565	42 144,911	513 827,176	12,192	11,732
11	24	98 905	88 740,915	3 831 478,952	43,176	42,716	61	74	74 564	40 637,275	471 682,265	11,607	11,147
12	25	98 882	87 841,787	3 742 738,037	42,608	42,148	62	75	72 432	39 084,516	431 044,989	11,029	10,569
13	26	98 854	86 947,460	3 654 896,250	42,036	41,576	63	76	70 140	37 473,273	391 960,473	10,460	10,000
14	27	98 827	86 063,252	3 567 948,790	41,457	40,997	64	77	67 698	35 810,478	354 487,200	9,899	9,439
15	28	98 895	85 182,743	3 481 885,538	40,875	40,416	65	78	65 144	34 118,048	318 676,722	9,340	8,880
16	29	98 856	84 306,173	3 396 702,795	40,290	39,830	66	79	62 399	32 356,684	284 558,674	8,794	8,334
17	30	98 809	83 431,777	3 312 396,622	39,702	39,242	67	80	59 460	30 527,721	252 201,990	8,261	7,801
18	31	98 754	82 560,341	3 228 964,845	39,110	38,650	68	81	56 326	28 632,458	221 674,268	7,742	7,282
19	32	98 684	81 685,047	3 146 404,504	38,519	38,059	69	82	52 989	26 669,007	193 041,811	7,238	6,778
20	33	98 611	80 816,493	3 064 719,457	37,922	37,462	70	83	49 433	24 633,341	166 372,804	6,754	6,294
21	34	98 536	79 955,299	2 983 902,964	37,320	36,860	71	84	45 653	22 524,523	141 739,463	6,293	5,833
22	35	98 459	79 101,433	2 903 947,665	36,712	36,252	72	85	41 675	20 358,264	119 214,939	5,856	5,396
23	36	98 372	78 248,862	2 824 846,232	36,101	35,641	73	86	37 590	18 180,529	98 856,675	5,438	4,978
24	37	98 283	77 404,638	2 746 597,370	35,484	35,024	74	87	33 393	15 990,765	80 676,146	5,045	4,585
25	38	98 189	76 564,471	2 669 192,732	34,862	34,402	75	88	29 145	13 818,741	64 685,381	4,681	4,221
26	39	98 091	75 730,938	2 592 628,261	34,235	33,775	76	89	24 958	11 716,330	50 866,640	4,342	3,882
27	40	97 984	74 899,321	2 516 897,322	33,604	33,144	77	90	20 929	9 727,684	39 150,311	4,025	3,565
28	41	97 878	74 077,461	2 441 998,002	32,965	32,505	78	91	17 132	7 883,703	29 422,627	3,732	3,272
29	42	97 761	73 256,366	2 367 920,540	32,324	31,864	79	92	13 650	6 219,320	21 538,924	3,463	3,003
30	43	97 634	72 436,780	2 294 664,174	31,678	31,218	80	93	10 536	4 753,034	15 319,604	3,223	2,763
31	44	97 495	71 617,504	2 222 227,394	31,029	30,569	81	94	7 865	3 512,730	10 566,570	3,008	2,548
32	45	97 347	70 800,714	2 150 609,891	30,376	29,916	82	95	5 683	2 513,219	7 053,840	2,807	2,347
33	46	97 183	69 981,535	2 079 809,177	29,719	29,259	83	96	3 944	1 726,883	4 540,621	2,629	2,169
34	47	97 000	69 158,077	2 009 827,641	29,061	28,601	84	97	2 618	1 134,876	2 813,738	2,479	2,019
35	48	96 805	68 336,314	1 940 669,564	28,399	27,939	85	98	1 681	721,470	1 678,862	2,327	1,867
36	49	96 586	67 506,065	1 872 333,250	27,736	27,276	86	99	1 028	436,866	957,393	2,192	1,732
37	50	96 338	66 666,203	1 804 827,185	27,073	26,613	87	100	598	251,494	520,526	2,070	1,610
38	51	96 064	65 818,710	1 738 160,982	26,408	25,948							
39	52	95 767	64 965,645	1 672 342,272	25,742	25,282							
40	53	95 446	64 106,522	1 607 376,627	25,074	24,614							
41	54	95 091	63 236,128	1 543 270,106	24,405	23,945							
42	55	94 692	62 347,000	1 480 033,978	23,739	23,279							
43	56	94 264	61 450,526	1 417 686,977	23,070	22,610							
44	57	93 795	60 539,666	1 356 236,451	22,402	21,942							
45	58	93 281	59 611,575	1 295 696,785	21,736	21,276							
46	59	92 717	58 664,572	1 236 085,210	21,070	20,610							
47	60	92 097	57 695,292	1 177 420,638	20,408	19,948							
48	61	91 411	56 698,680	1 119 725,345	19,749	19,289							
49	62	90 662	55 677,210	1 063 026,665	19,093	18,633							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	4 833 320,306	48,528	48,068	50	64	89 235	54 258,280	974 755,521	17,965	17,505
1	15	99 251	98 268,708	4 733 722,518	48,171	47,711	51	65	88 289	53 151,715	920 497,241	17,318	16,858
2	16	99 216	97 260,975	4 635 453,810	47,660	47,200	52	66	87 268	52 016,954	867 345,527	16,674	16,214
3	17	99 190	96 272,876	4 538 192,835	47,139	46,679	53	67	86 158	50 846,896	815 328,573	16,035	15,575
4	18	99 165	95 296,024	4 441 919,958	46,612	46,152	54	68	84 967	49 647,229	764 481,677	15,398	14,938
5	19	99 138	94 326,419	4 346 623,935	46,081	45,621	55	69	83 679	48 410,413	714 834,448	14,766	14,306
6	20	99 113	93 368,657	4 252 297,516	45,543	45,083	56	70	82 242	47 108,250	666 424,035	14,147	13,687
7	21	99 088	92 420,761	4 158 928,858	45,000	44,540	57	71	80 695	45 764,683	619 315,785	13,533	13,073
8	22	99 061	91 481,276	4 066 508,097	44,452	43,992	58	72	79 018	44 369,703	573 551,102	12,927	12,467
9	23	99 037	90 553,427	3 975 026,821	43,897	43,437	59	73	77 236	42 939,490	529 181,399	12,324	11,864
10	24	99 013	89 634,999	3 884 473,394	43,337	42,877	60	74	75 283	41 439,572	486 241,909	11,734	11,274
11	25	98 989	88 726,337	3 794 838,396	42,770	42,310	61	75	73 207	39 897,997	444 802,337	11,148	10,689
12	26	98 963	87 824,710	3 706 112,058	42,199	41,739	62	76	70 975	38 298,136	404 904,340	10,572	10,112
13	27	98 937	86 931,963	3 618 287,349	41,622	41,162	63	77	68 587	36 643,284	366 606,203	10,005	9,545
14	28	98 907	86 045,200	3 531 355,386	41,041	40,581	64	78	66 078	34 953,231	329 962,919	9,440	8,980
15	29	98 871	85 162,470	3 445 310,186	40,456	39,996	65	79	63 371	33 189,781	295 009,688	8,889	8,429
16	30	98 831	84 285,369	3 360 147,715	39,866	39,406	66	80	60 476	31 359,827	261 551,906	8,349	7,889
17	31	98 781	83 408,184	3 275 862,347	39,275	38,815	67	81	57 364	29 451,268	230 460,080	7,825	7,365
18	32	98 723	82 533,756	3 192 454,162	38,681	38,221	68	82	54 050	27 475,269	201 008,812	7,316	6,856
19	33	98 651	81 657,608	3 109 920,406	38,085	37,625	69	83	50 498	25 415,503	173 533,543	6,828	6,368
20	34	98 577	80 788,189	3 028 262,798	37,484	37,024	70	84	46 705	23 273,682	148 118,040	6,364	5,904
21	35	98 499	79 924,773	2 947 474,609	36,878	36,418	71	85	42 741	21 087,729	124 844,358	5,920	5,460
22	36	98 413	79 064,497	2 867 549,836	36,268	35,809	72	86	38 604	18 857,988	103 756,629	5,502	5,042
23	37	98 325	78 211,549	2 788 485,339	35,653	35,193	73	87	34 384	16 630,120	84 898,642	5,105	4,645
24	38	98 234	77 365,554	2 710 273,790	35,032	34,572	74	88	30 084	14 406,164	68 268,521	4,739	4,279
25	39	98 134	76 522,046	2 632 908,236	34,407	33,947	75	89	25 843	12 253,021	53 862,357	4,396	3,936
26	40	98 027	75 681,664	2 556 386,190	33,778	33,318	76	90	21 744	10 207,193	41 609,336	4,076	3,616
27	41	97 922	74 851,900	2 480 704,526	33,142	32,682	77	91	17 850	8 296,576	31 402,142	3,785	3,325
28	42	97 806	74 023,167	2 405 852,626	32,501	32,041	78	92	14 289	6 575,574	23 105,566	3,514	3,054
29	43	97 682	73 197,259	2 331 829,459	31,857	31,397	79	93	11 085	5 050,425	16 529,992	3,273	2,813
30	44	97 546	72 371,899	2 258 632,200	31,209	30,749	80	94	8 329	3 757,470	11 479,567	3,055	2,595
31	45	97 403	71 549,764	2 186 260,302	30,556	30,096	81	95	6 060	2 706,711	7 722,098	2,853	2,393
32	46	97 242	70 724,556	2 114 710,537	29,901	29,441	82	96	4 238	1 874,224	5 015,386	2,676	2,216
33	47	97 068	69 898,664	2 043 985,981	29,242	28,782	83	97	2 842	1 244,542	3 141,162	2,524	2,064
34	48	96 873	69 068,215	1 974 087,317	28,582	28,122	84	98	1 846	800,382	1 896,620	2,370	1,910
35	49	96 659	68 232,641	1 905 019,102	27,919	27,459	85	99	1 145	491,304	1 096,238	2,231	1,771
36	50	96 423	67 392,380	1 836 786,461	27,255	26,795	86	100	675	286,910	604,934	2,108	1,648
37	51	96 160	66 543,277	1 769 394,081	26,590	26,130							
38	52	95 865	65 682,037	1 702 850,803	25,926	25,466							
39	53	95 556	64 822,433	1 637 168,766	25,256	24,796							
40	54	95 209	63 947,629	1 572 346,333	24,588	24,128							
41	55	94 830	63 061,958	1 508 398,705	23,919	23,459							
42	56	94 397	62 152,953	1 445 336,746	23,255	22,795							
43	57	93 945	61 242,726	1 383 183,793	22,585	22,125							
44	58	93 443	60 312,262	1 321 941,068	21,918	21,458							
45	59	92 892	59 362,781	1 261 628,806	21,253	20,793							
46	60	92 287	58 392,693	1 202 266,025	20,589	20,129							
47	61	91 625	57 399,500	1 143 873,331	19,928	19,468							
48	62	90 900	56 381,951	1 086 473,831	19,270	18,810							
49	63	90 107	55 336,359	1 030 091,881	18,615	18,155							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	4 795 262,105	48,151	47,691	50	65	88 574	53 856,291	941 301,662	17,478	17,018
1	16	99 240	98 257,331	4 695 673,505	47,790	47,330	51	66	87 582	52 725,773	887 445,371	16,831	16,371
2	17	99 203	97 248,541	4 597 416,173	47,275	46,815	52	67	86 504	51 561,402	834 719,598	16,189	15,729
3	18	99 177	96 260,394	4 500 167,632	46,750	46,290	53	68	85 352	50 371,074	783 158,196	15,548	15,088
4	19	99 149	95 280,555	4 403 907,238	46,220	45,760	54	69	84 100	49 140,630	732 787,122	14,912	14,452
5	20	99 122	94 310,915	4 308 626,683	45,685	45,225	55	70	82 712	47 851,452	683 646,491	14,287	13,827
6	21	99 096	93 353,375	4 214 315,767	45,144	44,684	56	71	81 210	46 516,958	635 795,039	13,668	13,208
7	22	99 071	92 405,068	4 120 962,393	44,597	44,137	57	72	79 581	45 132,467	589 278,081	13,057	12,597
8	23	99 044	91 465,927	4 028 557,324	44,044	43,584	58	73	77 837	43 706,469	544 145,614	12,450	11,990
9	24	99 021	90 538,616	3 937 091,397	43,485	43,025	59	74	75 943	42 220,852	500 439,145	11,853	11,393
10	25	98 997	89 620,274	3 846 552,781	42,921	42,461	60	75	73 914	40 685,699	458 218,292	11,262	10,802
11	26	98 970	88 709,088	3 756 932,507	42,351	41,891	61	76	71 734	39 095,250	417 532,594	10,680	10,220
12	27	98 945	87 809,056	3 668 223,419	41,775	41,315	62	77	69 403	37 449,878	378 437,343	10,105	9,645
13	28	98 916	86 913,729	3 580 414,363	41,195	40,735	63	78	66 945	35 766,101	340 987,465	9,534	9,074
14	29	98 883	86 024,722	3 493 500,634	40,610	40,150	64	79	64 280	34 002,241	305 221,364	8,977	8,517
15	30	98 847	85 141,455	3 407 475,912	40,021	39,561	65	80	61 419	32 167,258	271 219,123	8,432	7,972
16	31	98 803	84 261,534	3 322 334,457	39,429	38,969	66	81	58 344	30 254,032	239 051,865	7,901	7,442
17	32	98 749	83 381,326	3 238 072,922	38,835	38,375	67	82	55 045	28 260,986	208 797,833	7,388	6,928
18	33	98 689	82 506,032	3 154 691,596	38,236	37,776	68	83	51 509	26 183,868	180 536,847	6,895	6,435
19	34	98 617	81 629,010	3 072 185,564	37,636	37,176	69	84	47 711	24 012,672	154 352,978	6,428	5,968
20	35	98 539	80 757,344	2 990 556,554	37,031	36,571	70	85	43 726	21 789,101	130 340,306	5,982	5,522
21	36	98 453	79 887,453	2 909 799,210	36,424	35,964	71	86	39 591	19 533,695	108 551,206	5,557	5,097
22	37	98 366	79 026,795	2 829 911,757	35,810	35,350	72	87	35 312	17 249,807	89 017,511	5,160	4,701
23	38	98 275	78 172,057	2 750 884,962	35,190	34,730	73	88	30 977	14 982,163	71 767,704	4,790	4,330
24	39	98 179	77 322,685	2 672 712,905	34,566	34,106	74	89	26 675	12 773,887	56 785,542	4,445	3,985
25	40	98 070	76 472,257	2 595 390,220	33,939	33,479	75	90	22 514	10 674,756	44 011,654	4,123	3,663
26	41	97 965	75 633,748	2 518 917,962	33,304	32,844	76	91	18 545	8 705,541	33 336,898	3,829	3,369
27	42	97 850	74 797,038	2 443 284,214	32,666	32,206	77	92	14 888	6 919,940	24 631,357	3,559	3,099
28	43	97 727	73 963,441	2 368 487,176	32,022	31,562	78	93	11 603	5 339,723	17 711,417	3,317	2,857
29	44	97 595	73 131,696	2 294 523,735	31,375	30,915	79	94	8 763	3 992,569	12 371,694	3,099	2,639
30	45	97 454	72 303,446	2 221 392,039	30,723	30,263	80	95	6 418	2 895,294	8 379,125	2,894	2,434
31	46	97 298	71 472,801	2 149 088,593	30,069	29,609	81	96	4 519	2 018,520	5 483,831	2,717	2,257
32	47	97 127	70 640,805	2 077 615,792	29,411	28,951	82	97	3 054	1 350,729	3 465,311	2,566	2,106
33	48	96 941	69 807,840	2 006 974,987	28,750	28,290	83	98	2 005	877,725	2 114,582	2,409	1,949
34	49	96 727	68 963,431	1 937 167,147	28,090	27,630	84	99	1 257	545,041	1 236,857	2,269	1,809
35	50	96 496	68 117,732	1 868 203,716	27,426	26,966	85	100	752	322,661	691,815	2,144	1,684
36	51	96 245	67 268,116	1 800 085,984	26,760	26,300							
37	52	95 960	66 405,100	1 732 817,868	26,095	25,635							
38	53	95 653	65 537,246	1 666 412,768	25,427	24,967							
39	54	95 319	64 661,766	1 600 875,522	24,758	24,298							
40	55	94 947	63 771,499	1 536 213,756	24,089	23,629							
41	56	94 534	62 865,686	1 472 442,257	23,422	22,962							
42	57	94 078	61 942,777	1 409 576,572	22,756	22,296							
43	58	93 592	61 012,680	1 347 633,794	22,088	21,628							
44	59	93 053	60 060,544	1 286 621,114	21,422	20,962							
45	60	92 461	59 087,667	1 226 560,570	20,758	20,298							
46	61	91 814	58 093,325	1 167 472,903	20,097	19,637							
47	62	91 113	57 078,856	1 109 379,578	19,436	18,976							
48	63	90 344	56 036,785	1 052 300,722	18,779	18,319							
49	64	89 498	54 962,275	996 263,937	18,126	17,666							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	4 755 959,871	47,762	47,302	50	66	87 864	53 424,703	907 053,925	16,978	16,518
1	17	99 227	98 244,770	4 656 382,801	47,396	46,936	51	67	86 815	52 264,013	853 629,221	16,333	15,873
2	18	99 190	97 235,933	4 558 138,031	46,877	46,417	52	68	85 694	51 078,894	801 365,208	15,689	15,229
3	19	99 161	96 244,769	4 460 902,098	46,350	45,890	53	69	84 481	49 857,089	750 286,314	15,049	14,589
4	20	99 133	95 264,894	4 364 657,329	45,816	45,356	54	70	83 129	48 573,238	700 429,226	14,420	13,960
5	21	99 105	94 295,478	4 269 392,435	45,277	44,817	55	71	81 674	47 250,832	651 855,987	13,796	13,336
6	22	99 080	93 337,524	4 175 096,957	44,731	44,271	56	72	80 088	45 874,350	604 605,156	13,180	12,720
7	23	99 054	92 389,565	4 081 759,433	44,180	43,720	57	73	78 391	44 457,832	558 730,805	12,568	12,108
8	24	99 028	91 450,967	3 989 369,868	43,623	43,163	58	74	76 534	42 974,996	514 272,974	11,967	11,507
9	25	99 004	90 523,743	3 897 918,901	43,060	42,600	59	75	74 561	41 452,766	471 297,978	11,370	10,910
10	26	98 977	89 602,851	3 807 395,158	42,492	42,032	60	76	72 426	39 867,103	429 845,212	10,782	10,322
11	27	98 952	88 693,276	3 717 792,307	41,917	41,457	61	77	70 146	38 229,337	389 978,109	10,201	9,741
12	28	98 925	87 790,638	3 629 099,031	41,338	40,878	62	78	67 741	36 553,386	351 748,773	9,623	9,163
13	29	98 892	86 893,044	3 541 308,392	40,755	40,295	63	79	65 124	34 792,996	315 195,386	9,059	8,599
14	30	98 859	86 003,495	3 454 415,348	40,166	39,706	64	80	62 300	32 954,687	280 402,391	8,509	8,049
15	31	98 819	85 117,378	3 368 411,853	39,574	39,114	65	81	59 253	31 032,992	247 447,704	7,974	7,514
16	32	98 771	84 234,402	3 283 294,475	38,978	38,518	66	82	55 986	29 031,306	216 414,712	7,455	6,995
17	33	98 716	83 353,318	3 199 060,073	38,380	37,920	67	83	52 458	26 932,655	187 383,406	6,957	6,497
18	34	98 655	82 477,137	3 115 706,756	37,777	37,317	68	84	48 666	24 738,627	160 450,750	6,486	6,026
19	35	98 579	81 597,844	3 033 229,619	37,173	36,713	69	85	44 667	22 480,952	135 712,123	6,037	5,577
20	36	98 493	80 719,635	2 951 631,775	36,566	36,106	70	86	40 503	20 183,380	113 231,172	5,610	5,150
21	37	98 406	79 849,358	2 870 912,139	35,954	35,494	71	87	36 215	17 867,891	93 047,792	5,208	4,748
22	38	98 316	78 986,891	2 791 062,781	35,336	34,876	72	88	31 813	15 540,441	75 179,901	4,838	4,378
23	39	98 221	78 128,742	2 712 075,889	34,713	34,253	73	89	27 467	13 284,623	59 639,460	4,489	4,029
24	40	98 115	77 272,376	2 633 947,148	34,087	33,627	74	90	23 239	11 128,531	46 354,837	4,165	3,705
25	41	98 008	76 423,841	2 556 674,772	33,454	32,994	75	91	19 202	9 104,318	35 226,306	3,869	3,409
26	42	97 893	75 578,313	2 480 250,932	32,817	32,357	76	92	15 468	7 261,047	26 121,988	3,598	3,138
27	43	97 771	74 736,688	2 404 672,619	32,175	31,715	77	93	12 090	5 619,366	18 860,941	3,356	2,896
28	44	97 644	73 897,192	2 329 935,931	31,529	31,069	78	94	9 173	4 221,271	13 241,575	3,137	2,677
29	45	97 502	73 062,525	2 256 038,739	30,878	30,418	79	95	6 752	3 076,448	9 020,304	2,932	2,472
30	46	97 349	72 225,672	2 182 976,214	30,224	29,764	80	96	4 786	2 159,155	5 943,856	2,753	2,293
31	47	97 183	71 388,164	2 110 750,542	29,567	29,107	81	97	3 257	1 454,722	3 784,701	2,602	2,142
32	48	97 001	70 549,016	2 039 362,379	28,907	28,447	82	98	2 154	952,615	2 329,980	2,446	1,986
33	49	96 794	69 701,934	1 968 813,362	28,246	27,786	83	99	1 365	597,710	1 377,365	2,304	1,844
34	50	96 564	68 847,292	1 899 111,428	27,584	27,124	84	100	826	357,953	779,655	2,178	1,718
35	51	96 318	67 992,130	1 830 264,136	26,919	26,459							
36	52	96 045	67 128,433	1 762 272,006	26,252	25,792							
37	53	95 749	66 258,715	1 695 143,573	25,584	25,124							
38	54	95 416	65 374,807	1 628 884,858	24,916	24,456							
39	55	95 057	64 483,669	1 563 510,051	24,247	23,787							
40	56	94 652	63 573,018	1 499 026,382	23,580	23,120							
41	57	94 215	62 653,100	1 435 453,363	22,911	22,451							
42	58	93 725	61 710,102	1 372 800,264	22,246	21,786							
43	59	93 201	60 758,039	1 311 090,162	21,579	21,119							
44	60	92 622	59 782,196	1 250 332,122	20,915	20,455							
45	61	91 987	58 784,736	1 190 549,927	20,253	19,793							
46	62	91 301	57 768,805	1 131 765,191	19,591	19,131							
47	63	90 555	56 729,424	1 073 996,386	18,932	18,472							
48	64	89 733	55 657,966	1 017 266,962	18,277	17,817							
49	65	88 835	54 555,071	961 608,996	17,626	17,166							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	4 715 443,994	47,361	46,901	50	67	87 094	52 956,823	872 075,419	16,468	16,008
1	18	99 214	98 232,032	4 615 879,654	46,990	46,530	51	68	86 002	51 774,930	819 118,597	15,821	15,361
2	19	99 174	97 220,149	4 517 647,622	46,468	46,008	52	69	84 820	50 557,686	767 343,667	15,178	14,718
3	20	99 145	96 228,950	4 420 427,472	45,937	45,477	53	70	83 506	49 281,424	716 785,980	14,545	14,085
4	21	99 117	95 249,301	4 324 198,522	45,399	44,939	54	71	82 085	47 963,558	667 504,556	13,917	13,457
5	22	99 089	94 279,467	4 228 949,221	44,855	44,395	55	72	80 546	46 598,086	619 540,998	13,295	12,835
6	23	99 063	93 321,864	4 134 669,754	44,305	43,845	56	73	78 891	45 188,625	572 942,912	12,679	12,219
7	24	99 038	92 374,454	4 041 347,891	43,750	43,290	57	74	77 079	43 713,783	527 754,287	12,073	11,613
8	25	99 012	91 435,944	3 948 973,437	43,188	42,728	58	75	75 142	42 193,190	484 040,504	11,472	11,012
9	26	98 985	90 506,144	3 857 537,492	42,622	42,162	59	76	73 061	40 618,737	441 847,314	10,878	10,418
10	27	98 960	89 586,880	3 767 031,348	42,049	41,589	60	77	70 822	38 984,094	401 228,578	10,292	9,832
11	28	98 932	88 674,673	3 677 444,468	41,471	41,011	61	78	68 466	37 314,186	362 244,484	9,708	9,248
12	29	98 901	87 769,745	3 588 769,795	40,888	40,428	62	79	65 898	35 558,861	324 930,298	9,138	8,678
13	30	98 868	86 871,602	3 501 000,050	40,301	39,841	63	80	63 117	33 721,079	289 371,437	8,581	8,121
14	31	98 831	85 979,174	3 414 128,448	39,709	39,249	64	81	60 103	31 792,655	255 650,358	8,041	7,581
15	32	98 787	85 089,970	3 328 149,274	39,113	38,653	65	82	56 859	29 778,784	223 857,703	7,517	7,057
16	33	98 738	84 206,107	3 243 059,303	38,513	38,053	66	83	53 354	27 666,769	194 078,919	7,015	6,555
17	34	98 681	83 324,125	3 158 853,197	37,910	37,450	67	84	49 562	25 446,084	166 412,150	6,540	6,080
18	35	98 617	82 445,647	3 075 529,072	37,304	36,844	68	85	45 562	23 160,599	140 966,066	6,086	5,626
19	36	98 533	81 559,743	2 993 083,424	36,698	36,238	69	86	41 376	20 824,246	117 805,467	5,657	5,197
20	37	98 446	80 681,144	2 911 523,681	36,087	35,627	70	87	37 049	18 462,171	96 981,221	5,253	4,793
21	38	98 356	79 809,040	2 830 842,537	35,470	35,010	71	88	32 626	16 097,276	78 519,049	4,878	4,418
22	39	98 262	78 943,124	2 751 033,498	34,848	34,388	72	89	28 208	13 779,646	62 421,773	4,530	4,070
23	40	98 157	78 077,907	2 672 090,373	34,223	33,763	73	90	23 929	11 573,481	48 642,126	4,203	3,743
24	41	98 053	77 223,452	2 594 012,466	33,591	33,131	74	91	19 820	9 491,335	37 068,646	3,906	3,446
25	42	97 937	76 367,826	2 516 789,014	32,956	32,496	75	92	16 016	7 593,655	27 577,311	3,632	3,172
26	43	97 814	75 517,332	2 440 421,187	32,316	31,856	76	93	12 561	5 896,364	19 983,656	3,389	2,929
27	44	97 684	74 669,747	2 364 903,855	31,672	31,212	77	94	9 558	4 442,341	14 087,293	3,171	2,711
28	45	97 547	73 827,297	2 290 234,108	31,022	30,562	78	95	7 068	3 252,673	9 644,952	2,965	2,505
29	46	97 397	72 983,934	2 216 406,812	30,368	29,908	79	96	5 035	2 294,250	6 392,279	2,786	2,326
30	47	97 234	72 140,143	2 143 422,878	29,712	29,252	80	97	3 449	1 556,075	4 098,029	2,634	2,174
31	48	97 056	71 295,404	2 071 282,735	29,052	28,592	81	98	2 297	1 025,956	2 541,954	2,478	2,018
32	49	96 854	70 441,986	1 999 987,330	28,392	27,932	82	99	1 467	648,708	1 515,998	2,337	1,877
33	50	96 631	69 584,551	1 929 545,345	27,730	27,270	83	100	897	392,543	867,290	2,209	1,749
34	51	96 386	68 720,345	1 859 960,794	27,066	26,606							
35	52	96 118	67 850,944	1 791 240,449	26,400	25,940							
36	53	95 834	66 980,454	1 723 389,505	25,730	25,270							
37	54	95 512	66 094,488	1 656 409,051	25,061	24,601							
38	55	95 154	65 194,747	1 590 314,563	24,393	23,933							
39	56	94 761	64 282,972	1 525 119,817	23,725	23,265							
40	57	94 331	63 358,040	1 460 836,845	23,057	22,597							
41	58	93 861	62 417,756	1 397 478,805	22,389	21,929							
42	59	93 334	61 452,550	1 335 061,048	21,725	21,265							
43	60	92 770	60 476,458	1 273 608,498	21,060	20,600							
44	61	92 147	59 475,704	1 213 132,039	20,397	19,937							
45	62	91 473	58 456,353	1 153 656,335	19,735	19,275							
46	63	90 742	57 415,150	1 095 199,982	19,075	18,615							
47	64	89 943	56 345,922	1 037 784,832	18,418	17,958							
48	65	89 068	55 245,608	981 438,910	17,765	17,305							
49	66	88 123	54 117,883	926 193,303	17,114	16,654							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	4 673 743,280	46,948	46,488	50	68	86 279	52 461,256	836 435,963	15,944	15,484
1	19	99 198	98 216,087	4 574 191,848	46,573	46,113	51	69	85 125	51 246,620	783 974,707	15,298	14,838
2	20	99 158	97 204,170	4 475 975,761	46,047	45,587	52	70	83 841	49 973,932	732 728,087	14,662	14,202
3	21	99 129	96 213,199	4 378 771,591	45,511	45,051	53	71	82 458	48 662,855	682 754,154	14,030	13,570
4	22	99 100	95 233,128	4 282 558,392	44,969	44,509	54	72	80 951	47 300,966	634 091,299	13,405	12,945
5	23	99 072	94 263,649	4 187 325,264	44,421	43,961	55	73	79 342	45 901,542	586 790,333	12,784	12,324
6	24	99 047	93 306,600	4 093 061,615	43,867	43,407	56	74	77 570	44 432,346	540 888,791	12,173	11,713
7	25	99 022	92 359,280	3 999 755,015	43,306	42,846	57	75	75 677	42 918,537	496 456,445	11,567	11,107
8	26	98 993	91 418,168	3 907 395,736	42,742	42,282	58	76	73 630	41 344,263	453 531,908	10,970	10,510
9	27	98 968	90 490,012	3 815 977,568	42,170	41,710	59	77	71 443	39 719,079	412 193,644	10,378	9,918
10	28	98 939	89 568,090	3 725 487,555	41,594	41,134	60	78	69 127	38 050,875	372 474,565	9,789	9,329
11	29	98 908	88 653,569	3 635 919,465	41,013	40,553	61	79	66 604	36 298,961	334 423,689	9,213	8,753
12	30	98 877	87 748,086	3 547 265,896	40,426	39,966	62	80	63 868	34 463,349	298 124,729	8,650	8,191
13	31	98 840	86 847,036	3 459 517,810	39,835	39,375	63	81	60 892	32 532,023	263 661,379	8,105	7,645
14	32	98 799	85 951,488	3 372 670,774	39,239	38,779	64	82	57 674	30 507,746	231 129,356	7,576	7,116
15	33	98 754	85 061,388	3 286 719,285	38,639	38,179	65	83	54 186	28 379,113	200 621,610	7,069	6,609
16	34	98 704	84 176,815	3 201 657,897	38,035	37,575	66	84	50 409	26 139,677	172 242,497	6,589	6,129
17	35	98 643	83 292,313	3 117 481,282	37,428	36,968	67	85	46 401	23 822,929	146 102,820	6,133	5,673
18	36	98 571	82 407,150	3 034 188,969	36,819	36,360	68	86	42 204	21 453,808	122 279,891	5,700	5,240
19	37	98 486	81 520,851	2 951 781,819	36,209	35,749	69	87	37 847	19 048,385	100 826,083	5,293	4,833
20	38	98 397	80 640,405	2 870 260,968	35,593	35,133	70	88	33 378	16 632,667	81 777,697	4,917	4,457
21	39	98 302	79 764,817	2 789 620,563	34,973	34,513	71	89	28 930	14 273,390	65 145,030	4,564	4,104
22	40	98 198	78 891,760	2 709 855,746	34,349	33,889	72	90	24 575	12 004,742	50 871,640	4,238	3,778
23	41	98 095	78 028,474	2 630 963,986	33,718	33,258	73	91	20 409	9 870,825	38 866,898	3,938	3,478
24	42	97 981	77 166,852	2 552 935,512	33,083	32,623	74	92	16 532	7 916,455	28 996,074	3,663	3,203
25	43	97 858	76 306,209	2 475 768,660	32,445	31,985	75	93	13 006	6 166,459	21 079,619	3,418	2,958
26	44	97 727	75 449,692	2 399 462,451	31,802	31,342	76	94	9 930	4 661,318	14 913,160	3,199	2,739
27	45	97 591	74 599,120	2 324 012,759	31,153	30,693	77	95	7 365	3 423,017	10 251,841	2,995	2,535
28	46	97 442	73 747,884	2 249 413,639	30,501	30,041	78	96	5 271	2 425,669	6 828,825	2,815	2,355
29	47	97 282	72 897,507	2 175 665,755	29,846	29,386	79	97	3 629	1 653,437	4 403,156	2,663	2,203
30	48	97 108	72 046,406	2 102 768,248	29,186	28,726	80	98	2 433	1 097,437	2 749,719	2,506	2,046
31	49	96 909	71 187,241	2 030 721,842	28,526	28,067	81	99	1 564	698,652	1 652,282	2,365	1,905
32	50	96 690	70 323,357	1 959 534,600	27,865	27,405	82	100	963	426,036	953,630	2,238	1,778
33	51	96 453	69 456,244	1 889 211,244	27,200	26,740							
34	52	96 185	68 577,647	1 819 754,999	26,536	26,076							
35	53	95 906	67 701,372	1 751 177,353	25,866	25,406							
36	54	95 596	66 814,437	1 683 475,981	25,196	24,736							
37	55	95 249	65 912,445	1 616 661,543	24,527	24,067							
38	56	94 857	64 991,836	1 550 749,098	23,861	23,401							
39	57	94 441	64 065,593	1 485 757,262	23,191	22,731							
40	58	93 977	63 120,049	1 421 691,669	22,524	22,064							
41	59	93 469	62 157,251	1 358 571,620	21,857	21,397							
42	60	92 901	61 167,751	1 296 414,369	21,194	20,734							
43	61	92 294	60 166,407	1 235 246,618	20,531	20,071							
44	62	91 632	59 143,462	1 175 080,210	19,868	19,408							
45	63	90 913	58 098,489	1 115 936,749	19,208	18,748							
46	64	90 129	57 027,012	1 057 838,260	18,550	18,090							
47	65	89 277	55 928,467	1 000 811,248	17,894	17,435							
48	66	88 355	54 802,886	944 882,781	17,241	16,781							
49	67	87 351	53 643,932	890 079,895	16,592	16,132							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	4 630 884,897	46,525	46,065	50	69	85 399	51 925,943	800 196,518	15,410	14,950
1	20	99 182	98 199,944	4 531 349,624	46,144	45,684	51	70	84 142	50 654,912	748 270,575	14,772	14,312
2	21	99 142	97 188,259	4 433 149,681	45,614	45,154	52	71	82 788	49 346,671	697 615,664	14,137	13,677
3	22	99 112	96 196,862	4 335 961,421	45,074	44,614	53	72	81 318	47 990,603	648 268,993	13,508	13,048
4	23	99 083	95 217,150	4 239 764,559	44,527	44,067	54	73	79 741	46 593,916	600 278,390	12,883	12,423
5	24	99 056	94 248,231	4 144 547,409	43,975	43,515	55	74	78 014	45 133,332	553 684,474	12,268	11,808
6	25	99 031	93 291,273	4 050 299,178	43,416	42,956	56	75	76 159	43 624,028	508 551,142	11,658	11,198
7	26	99 002	92 341,324	3 957 007,905	42,852	42,392	57	76	74 154	42 055,017	464 927,114	11,055	10,595
8	27	98 975	91 401,874	3 864 666,582	42,282	41,822	58	77	71 999	40 428,537	422 872,097	10,460	10,000
9	28	98 947	90 471,033	3 773 264,708	41,707	41,247	59	78	69 733	38 768,267	382 443,561	9,865	9,405
10	29	98 915	89 546,773	3 682 793,676	41,127	40,667	60	79	67 246	37 015,607	343 675,294	9,285	8,825
11	30	98 884	88 631,693	3 593 246,902	40,541	40,081	61	80	64 552	35 180,648	306 659,687	8,717	8,257
12	31	98 849	87 723,273	3 504 615,209	39,951	39,491	62	81	61 616	33 248,119	271 479,039	8,165	7,705
13	32	98 808	86 819,071	3 416 891,937	39,356	38,896	63	82	58 431	31 217,232	238 230,920	7,631	7,171
14	33	98 766	85 922,617	3 330 072,866	38,757	38,297	64	83	54 963	29 073,812	207 013,687	7,120	6,660
15	34	98 719	85 031,597	3 244 150,249	38,152	37,692	65	84	51 195	26 812,704	177 939,876	6,636	6,176
16	35	98 666	84 144,477	3 159 118,652	37,544	37,084	66	85	47 194	24 472,280	151 127,172	6,175	5,715
17	36	98 597	83 253,420	3 074 974,175	36,935	36,475	67	86	42 982	22 067,328	126 654,893	5,739	5,279
18	37	98 524	82 367,854	2 991 720,755	36,321	35,861	68	87	38 605	19 624,259	104 587,564	5,330	4,870
19	38	98 436	81 479,688	2 909 352,901	35,706	35,247	69	88	34 097	17 160,790	84 963,305	4,951	4,491
20	39	98 342	80 595,722	2 827 873,212	35,087	34,627	70	89	29 596	14 748,119	67 802,515	4,597	4,137
21	40	98 238	79 712,918	2 747 277,490	34,465	34,005	71	90	25 203	12 434,888	53 054,396	4,267	3,807
22	41	98 136	78 841,812	2 667 564,572	33,834	33,374	72	91	20 960	10 238,640	40 619,508	3,967	3,507
23	42	98 023	77 971,284	2 588 722,761	33,201	32,741	73	92	17 022	8 232,977	30 380,868	3,690	3,230
24	43	97 902	77 104,590	2 510 751,477	32,563	32,103	74	93	13 424	6 428,590	22 147,892	3,445	2,985
25	44	97 770	76 237,862	2 433 646,887	31,922	31,462	75	94	10 282	4 874,840	15 719,301	3,225	2,765
26	45	97 634	75 378,328	2 357 409,026	31,274	30,814	76	95	7 651	3 591,749	10 844,461	3,019	2,559
27	46	97 486	74 518,877	2 282 030,698	30,624	30,164	77	96	5 492	2 552,702	7 252,712	2,841	2,381
28	47	97 327	73 660,552	2 207 511,821	29,969	29,509	78	97	3 799	1 748,149	4 700,010	2,689	2,229
29	48	97 156	72 802,787	2 133 851,269	29,310	28,850	79	98	2 559	1 166,102	2 951,861	2,531	2,071
30	49	96 960	71 937,104	2 061 048,482	28,651	28,191	80	99	1 657	747,329	1 785,759	2,390	1,930
31	50	96 746	71 067,357	1 989 111,378	27,989	27,529	81	100	1 027	458,836	1 038,431	2,263	1,803
32	51	96 512	70 193,688	1 918 044,021	27,325	26,865							
33	52	96 253	69 312,018	1 847 850,333	26,660	26,200							
34	53	95 973	68 426,473	1 778 538,315	25,992	25,532							
35	54	95 668	67 533,569	1 710 111,843	25,322	24,862							
36	55	95 333	66 630,412	1 642 578,274	24,652	24,192							
37	56	94 952	65 707,301	1 575 947,862	23,984	23,524							
38	57	94 537	64 772,060	1 510 240,561	23,316	22,856							
39	58	94 086	63 824,944	1 445 468,501	22,647	22,187							
40	59	93 585	62 856,613	1 381 643,557	21,981	21,521							
41	60	93 036	61 869,186	1 318 786,944	21,316	20,856							
42	61	92 425	60 854,156	1 256 917,758	20,655	20,195							
43	62	91 778	59 830,307	1 196 063,602	19,991	19,531							
44	63	91 071	58 781,390	1 136 233,296	19,330	18,870							
45	64	90 299	57 705,732	1 077 451,905	18,671	18,212							
46	65	89 461	56 604,511	1 019 746,173	18,015	17,555							
47	66	88 561	55 480,273	963 141,663	17,360	16,900							
48	67	87 581	54 322,936	907 661,390	16,709	16,249							
49	68	86 534	53 141,935	853 338,454	16,058	15,598							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	4 586 898,422	46,091	45,631	50	70	84 413	51 326,391	763 429,919	14,874	14,414
1	21	99 166	98 183,870	4 487 379,510	45,704	45,244	51	71	83 086	50 019,103	712 103,528	14,237	13,777
2	22	99 125	97 171,757	4 389 195,640	45,169	44,709	52	72	81 645	48 664,972	662 084,425	13,605	13,145
3	23	99 095	96 180,723	4 292 023,883	44,625	44,165	53	73	80 103	47 273,244	613 419,453	12,976	12,516
4	24	99 067	95 201,576	4 195 843,160	44,073	43,613	54	74	78 407	45 814,118	566 146,209	12,357	11,897
5	25	99 040	94 232,749	4 100 641,584	43,516	43,056	55	75	76 595	44 312,261	520 332,091	11,742	11,282
6	26	99 011	93 273,135	4 006 408,835	42,954	42,494	56	76	74 627	42 746,313	476 019,830	11,136	10,676
7	27	98 985	92 324,865	3 913 135,699	42,384	41,924	57	77	72 512	41 123,548	433 273,517	10,536	10,076
8	28	98 954	91 382,702	3 820 810,834	41,811	41,351	58	78	70 276	39 460,741	392 149,969	9,938	9,478
9	29	98 923	90 449,501	3 729 428,132	41,232	40,772	59	79	67 836	37 713,480	352 689,228	9,352	8,892
10	30	98 891	89 524,676	3 638 978,631	40,648	40,188	60	80	65 174	35 875,215	314 975,749	8,780	8,320
11	31	98 856	88 606,629	3 549 453,954	40,059	39,599	61	81	62 276	33 940,125	279 100,533	8,223	7,763
12	32	98 817	87 695,025	3 460 847,325	39,465	39,005	62	82	59 126	31 904,387	245 160,408	7,684	7,224
13	33	98 775	86 789,908	3 373 152,300	38,866	38,406	63	83	55 684	29 749,951	213 256,021	7,168	6,708
14	34	98 731	85 892,524	3 286 362,392	38,261	37,801	64	84	51 929	27 469,058	183 506,070	6,680	6,220
15	35	98 681	84 999,133	3 200 469,868	37,653	37,193	65	85	47 930	25 102,375	156 037,013	6,216	5,756
16	36	98 620	84 105,187	3 115 470,735	37,043	36,583	66	86	43 716	22 668,826	130 934,638	5,776	5,316
17	37	98 550	83 213,720	3 031 365,549	36,429	35,969	67	87	39 316	20 185,459	108 265,812	5,364	4,904
18	38	98 474	82 326,264	2 948 151,828	35,811	35,351	68	88	34 780	17 679,598	88 080,353	4,982	4,522
19	39	98 382	81 434,540	2 865 825,564	35,192	34,732	69	89	30 233	15 216,403	70 400,755	4,627	4,167
20	40	98 278	80 543,282	2 784 391,025	34,570	34,110	70	90	25 784	12 848,469	55 184,352	4,295	3,835
21	41	98 175	79 662,450	2 703 847,742	33,941	33,481	71	91	21 496	10 605,504	42 335,883	3,992	3,532
22	42	98 064	78 784,025	2 624 185,292	33,309	32,849	72	92	17 482	8 539,761	31 730,378	3,716	3,256
23	43	97 944	77 908,372	2 545 401,267	32,672	32,212	73	93	13 823	6 685,623	23 190,617	3,469	3,009
24	44	97 815	77 035,528	2 467 492,895	32,031	31,571	74	94	10 613	5 082,066	16 504,994	3,248	2,788
25	45	97 677	76 165,752	2 390 457,367	31,385	30,925	75	95	7 922	3 756,276	11 422,928	3,041	2,581
26	46	97 529	75 297,246	2 314 291,615	30,735	30,275	76	96	5 706	2 678,534	7 666,652	2,862	2,402
27	47	97 371	74 430,632	2 238 994,369	30,082	29,622	77	97	3 958	1 839,700	4 988,118	2,711	2,251
28	48	97 201	73 564,840	2 164 563,737	29,424	28,964	78	98	2 679	1 232,899	3 148,418	2,554	2,094
29	49	97 008	72 692,337	2 090 998,897	28,765	28,305	79	99	1 743	794,088	1 915,520	2,412	1,952
30	50	96 797	71 815,957	2 018 306,560	28,104	27,644	80	100	1 088	490,804	1 121,432	2,285	1,825
31	51	96 568	70 936,316	1 946 490,603	27,440	26,980							
32	52	96 312	70 047,930	1 875 554,287	26,775	26,315							
33	53	96 041	69 159,225	1 805 506,356	26,107	25,647							
34	54	95 736	68 256,872	1 736 347,132	25,438	24,978							
35	55	95 405	67 347,563	1 668 090,259	24,768	24,308							
36	56	95 036	66 423,033	1 600 742,696	24,099	23,639							
37	57	94 631	65 485,106	1 534 319,664	23,430	22,970							
38	58	94 181	64 528,758	1 468 834,558	22,762	22,302							
39	59	93 693	63 558,566	1 404 305,800	22,095	21,635							
40	60	93 151	62 565,306	1 340 747,234	21,430	20,970							
41	61	92 559	61 551,994	1 278 181,928	20,766	20,306							
42	62	91 908	60 514,213	1 216 629,933	20,105	19,645							
43	63	91 217	59 464,031	1 156 115,720	19,442	18,982							
44	64	90 455	58 384,017	1 096 651,690	18,783	18,323							
45	65	89 630	57 278,202	1 038 267,673	18,127	17,667							
46	66	88 744	56 150,900	980 989,471	17,471	17,011							
47	67	87 786	54 994,390	924 838,571	16,817	16,357							
48	68	86 761	53 814,585	869 844,181	16,164	15,704							
49	69	85 651	52 599,677	816 029,596	15,514	15,054							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	4 541 809,691	45,645	45,185	50	71	83 353	50 682,154	726 233,633	14,329	13,869
1	22	99 149	98 167,199	4 442 307,068	45,252	44,792	51	72	81 938	49 328,115	675 551,479	13,695	13,235
2	23	99 108	97 155,454	4 344 139,870	44,713	44,253	52	73	80 424	47 937,533	626 223,364	13,063	12,603
3	24	99 079	96 164,991	4 246 984,416	44,164	43,704	53	74	78 762	46 482,077	578 285,831	12,441	11,981
4	25	99 051	95 185,938	4 150 819,425	43,607	43,148	54	75	76 980	44 980,662	531 803,754	11,823	11,363
5	26	99 020	94 214,429	4 055 633,487	43,047	42,587	55	76	75 054	43 420,699	486 823,092	11,212	10,752
6	27	98 994	93 256,510	3 961 419,058	42,479	42,019	56	77	72 974	41 799,533	443 402,393	10,608	10,148
7	28	98 964	92 305,500	3 868 162,547	41,906	41,446	57	78	70 776	40 139,114	401 602,860	10,005	9,545
8	29	98 931	91 360,954	3 775 857,048	41,329	40,869	58	79	68 364	38 387,113	361 463,746	9,416	8,956
9	30	98 899	90 427,182	3 684 496,093	40,745	40,285	59	80	65 746	36 551,588	323 076,633	8,839	8,379
10	31	98 863	89 499,360	3 594 068,912	40,157	39,698	60	81	62 876	34 610,201	286 525,045	8,279	7,819
11	32	98 824	88 578,097	3 504 569,552	39,565	39,105	61	82	59 759	32 568,425	251 914,844	7,735	7,275
12	33	98 784	87 665,938	3 415 991,454	38,966	38,506	62	83	56 347	30 404,808	219 346,419	7,214	6,754
13	34	98 740	86 759,512	3 328 325,887	38,363	37,903	63	84	52 611	28 107,877	188 941,611	6,722	6,262
14	35	98 694	85 859,731	3 241 566,375	37,754	37,294	64	85	48 617	25 716,861	160 833,734	6,254	5,794
15	36	98 635	84 959,443	3 155 706,644	37,144	36,684	65	86	44 398	23 252,487	135 116,873	5,811	5,351
16	37	98 573	84 065,081	3 070 747,201	36,528	36,068	66	87	39 988	20 735,662	111 864,386	5,395	4,935
17	38	98 501	83 171,703	2 986 682,120	35,910	35,450	67	88	35 420	18 185,186	91 128,725	5,011	4,551
18	39	98 420	82 280,646	2 903 510,417	35,288	34,828	68	89	30 839	15 676,428	72 943,538	4,653	4,193
19	40	98 318	81 381,555	2 821 229,771	34,667	34,207	69	90	26 339	13 256,436	57 267,110	4,320	3,860
20	41	98 216	80 492,288	2 739 848,216	34,039	33,579	70	91	21 991	10 958,240	44 010,675	4,016	3,556
21	42	98 103	79 604,062	2 659 355,928	33,407	32,947	71	92	17 929	8 845,752	33 052,434	3,737	3,277
22	43	97 985	78 720,458	2 579 751,866	32,771	32,311	72	93	14 196	6 934,749	24 206,682	3,491	3,031
23	44	97 856	77 838,590	2 501 031,408	32,131	31,671	73	94	10 928	5 285,261	17 271,933	3,268	2,808
24	45	97 722	76 962,663	2 423 192,817	31,485	31,025	74	95	8 177	3 915,953	11 986,672	3,061	2,601
25	46	97 572	76 083,824	2 346 230,154	30,837	30,377	75	96	5 908	2 801,230	8 070,720	2,881	2,421
26	47	97 414	75 208,080	2 270 146,330	30,185	29,725	76	97	4 112	1 930,385	5 269,490	2,730	2,270
27	48	97 244	74 333,919	2 194 938,250	29,528	29,068	77	98	2 792	1 297,466	3 339,105	2,574	2,114
28	49	97 053	73 453,234	2 120 604,331	28,870	28,410	78	99	1 824	839,575	2 041,639	2,432	1,972
29	50	96 845	72 569,918	2 047 151,097	28,209	27,749	79	100	1 145	521,513	1 202,065	2,305	1,845
30	51	96 619	71 683,536	1 974 581,179	27,546	27,086							
31	52	96 367	70 789,017	1 902 897,643	26,881	26,421							
32	53	96 099	69 893,515	1 832 108,627	26,213	25,753							
33	54	95 803	68 987,808	1 762 215,112	25,544	25,084							
34	55	95 472	68 068,874	1 693 227,303	24,875	24,415							
35	56	95 108	67 137,952	1 625 158,429	24,206	23,746							
36	57	94 715	66 198,417	1 558 020,477	23,536	23,076							
37	58	94 276	65 239,125	1 491 822,060	22,867	22,407							
38	59	93 788	64 259,442	1 426 582,935	22,200	21,740							
39	60	93 259	63 264,006	1 362 323,493	21,534	21,074							
40	61	92 674	62 244,546	1 299 059,487	20,870	20,410							
41	62	92 042	61 208,154	1 236 814,941	20,207	19,747							
42	63	91 346	60 143,750	1 175 606,787	19,547	19,087							
43	64	90 600	59 062,043	1 115 463,037	18,886	18,426							
44	65	89 785	57 951,462	1 056 400,995	18,229	17,769							
45	66	88 911	56 819,192	998 449,533	17,572	17,112							
46	67	87 967	55 659,143	941 630,341	16,918	16,458							
47	68	86 964	54 479,756	885 971,197	16,262	15,802							
48	69	85 876	53 265,463	831 491,441	15,610	15,150							
49	70	84 662	51 992,345	778 225,978	14,968	14,508							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	4 495 643,583	45,189	44,729	50	72	82 202	49 982,006	688 685,471	13,779	13,319
1	23	99 132	98 150,729	4 396 157,855	44,790	44,330	51	73	80 713	48 590,763	638 703,466	13,145	12,685
2	24	99 092	97 139,563	4 298 007,127	44,246	43,786	52	74	79 078	47 135,248	590 112,703	12,520	12,060
3	25	99 063	96 149,194	4 200 867,564	43,691	43,231	53	75	77 329	45 636,470	542 977,454	11,898	11,438
4	26	99 032	95 167,432	4 104 718,369	43,132	42,672	54	76	75 432	44 075,652	497 340,985	11,284	10,824
5	27	99 003	94 197,636	4 009 550,937	42,565	42,105	55	77	73 391	42 458,982	453 265,333	10,675	10,215
6	28	98 973	93 236,950	3 915 353,301	41,994	41,534	56	78	71 227	40 798,917	410 806,351	10,069	9,609
7	29	98 940	92 283,532	3 822 116,351	41,417	40,957	57	79	68 850	39 047,030	370 007,434	9,476	9,016
8	30	98 906	91 338,410	3 729 832,819	40,835	40,375	58	80	66 257	37 204,468	330 960,404	8,896	8,436
9	31	98 871	90 401,610	3 638 494,409	40,248	39,788	59	81	63 427	35 262,724	293 755,936	8,330	7,871
10	32	98 831	89 470,541	3 548 092,799	39,657	39,197	60	82	60 335	33 211,420	258 493,213	7,783	7,323
11	33	98 791	88 548,343	3 458 622,258	39,059	38,599	61	83	56 950	31 037,635	225 281,793	7,258	6,798
12	34	98 749	87 634,865	3 370 073,915	38,456	37,996	62	84	53 236	28 726,588	194 244,158	6,762	6,302
13	35	98 703	86 726,387	3 282 439,050	37,848	37,388	63	85	49 255	26 314,931	165 517,570	6,290	5,830
14	36	98 647	85 819,640	3 195 712,662	37,238	36,778	64	86	45 034	23 821,689	139 202,638	5,844	5,384
15	37	98 588	84 918,930	3 109 893,023	36,622	36,162	65	87	40 611	21 269,549	115 380,949	5,425	4,965
16	38	98 523	84 022,634	3 024 974,093	36,002	35,542	66	88	36 025	18 680,866	94 111,400	5,038	4,578
17	39	98 446	83 125,617	2 940 951,459	35,380	34,920	67	89	31 407	16 124,731	75 430,533	4,678	4,218
18	40	98 356	82 227,111	2 857 825,842	34,755	34,295	68	90	26 867	13 657,206	59 305,802	4,342	3,882
19	41	98 256	81 330,030	2 775 598,732	34,128	33,668	69	91	22 464	11 306,188	45 648,596	4,037	3,578
20	42	98 144	80 433,292	2 694 268,702	33,497	33,037	70	92	18 342	9 139,959	34 342,408	3,757	3,297
21	43	98 024	79 539,833	2 613 835,410	32,862	32,402	71	93	14 559	7 183,230	25 202,448	3,509	3,049
22	44	97 897	78 649,949	2 534 295,577	32,222	31,762	72	94	11 223	5 482,205	18 019,218	3,287	2,827
23	45	97 763	77 764,967	2 455 645,628	31,578	31,118	73	95	8 420	4 072,523	12 537,013	3,078	2,618
24	46	97 617	76 879,878	2 377 880,661	30,930	30,470	74	96	6 098	2 920,307	8 464,490	2,898	2,439
25	47	97 457	75 993,726	2 301 000,784	30,279	29,819	75	97	4 258	2 018,810	5 544,182	2,746	2,286
26	48	97 287	75 110,357	2 225 007,058	29,623	29,163	76	98	2 900	1 361,422	3 525,372	2,589	2,129
27	49	97 097	74 221,147	2 149 896,701	28,966	28,506	77	99	1 901	883,544	2 163,950	2,449	1,989
28	50	96 890	73 329,534	2 075 675,554	28,306	27,846	78	100	1 198	551,386	1 280,406	2,322	1,862
29	51	96 666	72 436,106	2 002 346,020	27,643	27,183							
30	52	96 418	71 534,684	1 929 909,914	26,979	26,519							
31	53	96 155	70 632,968	1 858 375,229	26,310	25,850							
32	54	95 861	69 720,278	1 787 742,262	25,642	25,182							
33	55	95 539	68 797,797	1 718 021,983	24,972	24,512							
34	56	95 175	67 857,018	1 649 224,186	24,304	23,844							
35	57	94 786	66 910,919	1 581 367,168	23,634	23,174							
36	58	94 359	65 949,757	1 514 456,249	22,964	22,504							
37	59	93 882	64 966,844	1 448 506,492	22,296	21,836							
38	60	93 354	63 961,634	1 383 539,648	21,631	21,171							
39	61	92 781	62 939,664	1 319 578,014	20,966	20,506							
40	62	92 156	61 896,837	1 256 638,350	20,302	19,842							
41	63	91 478	60 833,443	1 194 741,514	19,640	19,180							
42	64	90 728	59 737,167	1 133 908,071	18,982	18,522							
43	65	89 929	58 624,464	1 074 170,904	18,323	17,863							
44	66	89 066	57 487,057	1 015 546,440	17,666	17,206							
45	67	88 133	56 321,583	958 059,383	17,011	16,551							
46	68	87 144	55 138,289	901 737,800	16,354	15,894							
47	69	86 077	53 923,846	846 599,511	15,700	15,240							
48	70	84 884	52 650,444	792 675,665	15,055	14,595							
49	71	83 599	51 339,750	740 025,221	14,414	13,954							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	4 448 425,004	44,722	44,262	50	73	80 973	49 234,880	650 874,542	13,220	12,760
1	24	99 116	98 134,675	4 348 955,968	44,316	43,856	51	74	79 362	47 777,546	601 639,662	12,593	12,133
2	25	99 076	97 123,606	4 250 821,293	43,767	43,307	52	75	77 640	46 277,758	553 862,116	11,968	11,508
3	26	99 043	96 130,502	4 153 697,687	43,209	42,749	53	76	75 774	44 718,264	507 584,358	11,351	10,891
4	27	99 014	95 150,469	4 057 567,185	42,644	42,184	54	77	73 761	43 099,428	462 866,094	10,739	10,280
5	28	98 982	94 177,879	3 962 416,716	42,074	41,614	55	78	71 635	41 442,580	419 766,665	10,129	9,669
6	29	98 949	93 214,761	3 868 238,837	41,498	41,038	56	79	69 289	39 688,881	378 324,085	9,532	9,072
7	30	98 916	92 260,760	3 775 024,076	40,917	40,457	57	80	66 729	37 844,054	338 635,204	8,948	8,488
8	31	98 878	91 312,580	3 682 763,316	40,331	39,871	58	81	63 921	35 892,582	300 791,150	8,380	7,920
9	32	98 839	90 372,500	3 591 450,736	39,741	39,281	59	82	60 864	33 837,571	264 898,568	7,829	7,369
10	33	98 798	89 440,487	3 501 078,236	39,144	38,684	60	83	57 499	31 650,407	231 060,998	7,300	6,840
11	34	98 756	88 517,331	3 411 637,749	38,542	38,082	61	84	53 806	29 324,486	199 410,591	6,800	6,340
12	35	98 711	87 601,407	3 323 120,417	37,935	37,475	62	85	49 841	26 894,177	170 086,105	6,324	5,864
13	36	98 657	86 685,892	3 235 519,011	37,325	36,865	63	86	45 625	24 375,685	143 191,928	5,874	5,414
14	37	98 600	85 778,716	3 148 833,119	36,709	36,249	64	87	41 194	21 790,211	118 816,243	5,453	4,993
15	38	98 538	84 876,051	3 063 054,403	36,089	35,629	65	88	36 587	19 161,848	97 026,032	5,064	4,604
16	39	98 469	83 976,076	2 978 178,352	35,465	35,005	66	89	31 943	16 564,249	77 864,184	4,701	4,241
17	40	98 382	83 071,532	2 894 202,276	34,840	34,380	67	90	27 361	14 047,765	61 299,935	4,364	3,904
18	41	98 293	82 175,050	2 811 130,744	34,209	33,749	68	91	22 914	11 647,999	47 252,170	4,057	3,597
19	42	98 184	81 270,420	2 728 955,694	33,579	33,119	69	92	18 737	9 430,173	35 604,171	3,776	3,316
20	43	98 065	80 368,394	2 647 685,274	32,944	32,484	70	93	14 894	7 422,142	26 173,998	3,526	3,066
21	44	97 936	79 468,590	2 567 316,880	32,306	31,846	71	94	11 510	5 678,640	18 751,856	3,302	2,842
22	45	97 804	78 575,558	2 487 848,290	31,662	31,202	72	95	8 648	4 224,277	13 073,216	3,095	2,635
23	46	97 658	77 681,318	2 409 272,732	31,015	30,555	73	96	6 279	3 037,070	8 848,938	2,914	2,454
24	47	97 501	76 788,837	2 331 591,415	30,364	29,904	74	97	4 395	2 104,628	5 811,869	2,761	2,301
25	48	97 330	75 894,982	2 254 802,577	29,710	29,250	75	98	3 003	1 423,785	3 707,241	2,604	2,144
26	49	97 140	74 996,406	2 178 907,595	29,053	28,594	76	99	1 975	927,096	2 283,456	2,463	2,003
27	50	96 933	74 096,153	2 103 911,189	28,394	27,934	77	100	1 248	580,263	1 356,359	2,337	1,878
28	51	96 711	73 194,322	2 029 815,035	27,732	27,272							
29	52	96 466	72 285,692	1 956 620,714	27,068	26,608							
30	53	96 205	71 376,992	1 884 335,021	26,400	25,940							
31	54	95 916	70 457,898	1 812 958,030	25,731	25,271							
32	55	95 597	69 528,250	1 742 500,131	25,062	24,602							
33	56	95 241	68 583,672	1 672 971,881	24,393	23,933							
34	57	94 853	67 627,553	1 604 388,209	23,724	23,264							
35	58	94 430	66 659,582	1 536 760,656	23,054	22,594							
36	59	93 965	65 674,511	1 470 101,074	22,385	21,925							
37	60	93 447	64 665,758	1 404 426,563	21,718	21,258							
38	61	92 875	63 633,715	1 339 760,805	21,054	20,594							
39	62	92 262	62 588,071	1 276 127,090	20,389	19,929							
40	63	91 592	61 517,909	1 213 539,019	19,727	19,267							
41	64	90 860	60 422,197	1 152 021,109	19,066	18,606							
42	65	90 056	59 294,587	1 091 598,912	18,410	17,950							
43	66	89 208	58 154,665	1 032 304,326	17,751	17,291							
44	67	88 286	56 983,599	974 149,660	17,095	16,635							
45	68	87 308	55 794,529	917 166,061	16,438	15,978							
46	69	86 255	54 575,659	861 371,532	15,783	15,323							
47	70	85 083	53 301,226	806 795,873	15,137	14,677							
48	71	83 819	51 989,588	753 494,647	14,493	14,033							
49	72	82 444	50 630,517	701 505,059	13,855	13,395							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	4 400 177,412	44,244	43,784	50	74	79 618	48 410,883	612 880,991	12,660	12,200
1	25	99 100	98 118,555	4 300 724,645	43,832	43,372	51	75	77 918	46 908,371	564 470,109	12,033	11,573
2	26	99 057	97 104,724	4 202 606,090	43,279	42,819	52	76	76 078	45 346,651	517 561,738	11,413	10,953
3	27	99 026	96 113,367	4 105 501,366	42,715	42,255	53	77	74 095	43 727,808	472 215,087	10,799	10,339
4	28	98 993	95 130,512	4 009 387,999	42,146	41,686	54	78	71 995	42 067,695	428 487,279	10,186	9,726
5	29	98 958	94 155,465	3 914 257,487	41,572	41,112	55	79	69 686	40 315,032	386 419,584	9,585	9,125
6	30	98 925	93 191,759	3 820 102,022	40,992	40,532	56	80	67 155	38 466,131	346 104,552	8,998	8,538
7	31	98 888	92 234,670	3 726 910,263	40,407	39,947	57	81	64 376	36 509,615	307 638,422	8,426	7,966
8	32	98 847	91 283,177	3 634 675,593	39,818	39,358	58	82	61 338	34 441,973	271 128,807	7,872	7,412
9	33	98 806	90 342,143	3 543 392,416	39,222	38,762	59	83	58 003	32 247,127	236 686,834	7,340	6,880
10	34	98 763	89 409,163	3 453 050,273	38,621	38,161	60	84	54 325	29 903,436	204 439,706	6,837	6,377
11	35	98 718	88 483,536	3 363 641,110	38,014	37,554	61	85	50 374	27 453,935	174 536,271	6,357	5,897
12	36	98 665	87 560,502	3 275 157,574	37,405	36,945	62	86	46 168	24 912,244	147 082,336	5,904	5,444
13	37	98 610	86 644,555	3 187 597,072	36,789	36,329	63	87	41 734	22 296,963	122 170,092	5,479	5,019
14	38	98 551	85 735,404	3 100 952,517	36,169	35,709	64	88	37 111	19 630,915	99 873,129	5,088	4,628
15	39	98 484	84 829,021	3 015 217,114	35,545	35,085	65	89	32 442	16 990,733	80 242,213	4,723	4,263
16	40	98 404	83 921,437	2 930 388,092	34,918	34,458	66	90	27 829	14 430,670	63 251,480	4,383	3,923
17	41	98 320	83 018,937	2 846 466,655	34,287	33,827	67	91	23 336	11 981,100	48 820,809	4,075	3,615
18	42	98 221	82 114,821	2 763 447,718	33,653	33,193	68	92	19 112	9 715,267	36 839,710	3,792	3,332
19	43	98 104	81 204,846	2 681 332,898	33,019	32,559	69	93	15 215	7 657,812	27 124,442	3,542	3,082
20	44	97 977	80 296,409	2 600 128,051	32,382	31,922	70	94	11 775	5 867,510	19 466,631	3,318	2,858
21	45	97 844	79 393,424	2 519 831,642	31,739	31,279	71	95	8 869	4 375,639	13 599,121	3,108	2,648
22	46	97 699	78 491,037	2 440 438,218	31,092	30,632	72	96	6 449	3 150,239	9 223,482	2,928	2,468
23	47	97 542	77 589,328	2 361 947,181	30,442	29,982	73	97	4 525	2 188,777	6 073,243	2,775	2,315
24	48	97 375	76 689,060	2 284 357,853	29,787	29,327	74	98	3 100	1 484,309	3 884,466	2,617	2,157
25	49	97 182	75 779,841	2 207 668,793	29,133	28,673	75	99	2 045	969,564	2 400,156	2,476	2,016
26	50	96 976	74 870,107	2 131 888,952	28,475	28,015	76	100	1 297	608,866	1 430,592	2,350	1,890
27	51	96 755	73 959,528	2 057 018,844	27,813	27,353							
28	52	96 510	73 042,333	1 983 059,316	27,149	26,689							
29	53	96 253	72 126,344	1 910 016,983	26,482	26,022							
30	54	95 967	71 200,078	1 837 890,639	25,813	25,353							
31	55	95 652	70 263,838	1 766 690,561	25,144	24,684							
32	56	95 300	69 311,851	1 696 426,722	24,475	24,015							
33	57	94 919	68 351,750	1 627 114,871	23,805	23,345							
34	58	94 497	67 373,525	1 558 763,121	23,136	22,676							
35	59	94 036	66 381,373	1 491 389,596	22,467	22,007							
36	60	93 530	65 370,145	1 425 008,223	21,799	21,339							
37	61	92 968	64 334,229	1 359 638,078	21,134	20,674							
38	62	92 356	63 278,245	1 295 303,849	20,470	20,010							
39	63	91 698	62 204,912	1 232 025,604	19,806	19,346							
40	64	90 973	61 102,037	1 169 820,691	19,145	18,685							
41	65	90 187	59 974,541	1 108 718,654	18,486	18,027							
42	66	89 334	58 819,418	1 048 744,113	17,830	17,370							
43	67	88 427	57 645,361	989 924,695	17,173	16,713							
44	68	87 460	56 450,350	932 279,334	16,515	16,055							
45	69	86 417	55 225,204	875 828,984	15,859	15,399							
46	70	85 259	53 945,513	820 603,781	15,212	14,752							
47	71	84 015	52 632,201	766 658,268	14,566	14,106							
48	72	82 661	51 271,378	714 026,067	13,926	13,466							
49	73	81 212	49 873,697	662 754,688	13,289	12,829							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	4 350 923,406	43,756	43,296	50	75	78 170	47 530,186	574 815,227	12,094	11,634
1	26	99 080	98 099,479	4 251 486,977	43,339	42,879	51	76	76 351	45 964,575	527 285,040	11,472	11,012
2	27	99 039	97 087,416	4 153 387,498	42,780	42,320	52	77	74 393	44 342,276	481 320,465	10,855	10,395
3	28	99 005	96 093,208	4 056 300,082	42,212	41,752	53	78	72 322	42 681,032	436 978,189	10,238	9,778
4	29	98 970	95 107,872	3 960 206,874	41,639	41,179	54	79	70 036	40 923,139	394 297,157	9,635	9,175
5	30	98 934	94 132,231	3 865 099,002	41,060	40,600	55	80	67 539	39 072,990	353 374,018	9,044	8,584
6	31	98 897	93 165,405	3 770 966,771	40,476	40,016	56	81	64 787	37 109,757	314 301,028	8,469	8,010
7	32	98 856	92 204,970	3 677 801,366	39,887	39,427	57	82	61 774	35 034,069	277 191,271	7,912	7,452
8	33	98 813	91 252,515	3 585 596,396	39,293	38,833	58	83	58 455	32 823,122	242 157,203	7,378	6,918
9	34	98 771	90 310,503	3 494 343,881	38,693	38,233	59	84	54 802	30 467,219	209 334,081	6,871	6,411
10	35	98 726	89 375,027	3 404 033,378	38,087	37,627	60	85	50 860	27 995,955	178 866,862	6,389	5,929
11	36	98 672	88 442,220	3 314 658,351	37,478	37,018	61	86	46 662	25 430,752	150 870,907	5,933	5,473
12	37	98 618	87 518,748	3 226 216,132	36,863	36,403	62	87	42 231	22 787,765	125 440,155	5,505	5,045
13	38	98 560	86 600,805	3 138 697,383	36,243	35,783	63	88	37 599	20 087,451	102 652,390	5,110	4,650
14	39	98 496	85 687,897	3 052 096,578	35,619	35,159	64	89	32 907	17 406,653	82 564,939	4,743	4,283
15	40	98 420	84 773,827	2 966 408,681	34,992	34,532	65	90	28 263	14 802,221	65 158,286	4,402	3,942
16	41	98 342	83 868,304	2 881 634,854	34,359	33,899	66	91	23 735	12 307,673	50 356,065	4,091	3,631
17	42	98 248	82 958,089	2 797 766,549	33,725	33,265	67	92	19 464	9 993,097	38 048,392	3,807	3,347
18	43	98 142	82 048,566	2 714 808,461	33,088	32,628	68	93	15 520	7 889,324	28 055,294	3,556	3,096
19	44	98 016	81 132,112	2 632 759,895	32,450	31,990	69	94	12 028	6 053,816	20 165,971	3,321	2,871
20	45	97 884	80 220,460	2 551 627,783	31,808	31,348	70	95	9 073	4 521,171	14 112,155	3,121	2,661
21	46	97 739	79 308,024	2 471 407,323	31,162	30,702	71	96	6 614	3 263,117	9 590,983	2,939	2,479
22	47	97 583	78 398,089	2 392 099,299	30,512	30,052	72	97	4 648	2 270,337	6 327,867	2,787	2,327
23	48	97 416	77 488,511	2 313 701,210	29,859	29,399	73	98	3 192	1 543,656	4 057,529	2,629	2,169
24	49	97 227	76 572,715	2 236 212,699	29,204	28,744	74	99	2 111	1 010,779	2 513,873	2,487	2,027
25	50	97 019	75 652,223	2 159 639,984	28,547	28,087	75	100	1 343	636,756	1 503,094	2,361	1,901
26	51	96 797	74 732,055	2 083 987,761	27,886	27,426							
27	52	96 554	73 805,950	2 009 255,707	27,223	26,764							
28	53	96 297	72 881,317	1 935 449,757	26,556	26,096							
29	54	96 014	71 947,573	1 862 568,439	25,888	25,428							
30	55	95 703	71 003,974	1 790 620,866	25,219	24,759							
31	56	95 354	70 045,150	1 719 616,892	24,550	24,090							
32	57	94 977	69 077,467	1 649 571,742	23,880	23,420							
33	58	94 563	68 095,001	1 580 494,275	23,210	22,750							
34	59	94 102	67 092,336	1 512 399,273	22,542	22,082							
35	60	93 600	66 073,731	1 445 306,937	21,874	21,414							
36	61	93 050	65 035,005	1 379 233,206	21,208	20,748							
37	62	92 449	63 974,846	1 314 198,201	20,542	20,082							
38	63	91 791	62 890,861	1 250 223,355	19,879	19,419							
39	64	91 078	61 784,396	1 187 332,494	19,217	18,757							
40	65	90 299	60 649,344	1 125 548,098	18,558	18,098							
41	66	89 464	59 493,924	1 064 898,754	17,899	17,439							
42	67	88 552	58 304,292	1 005 404,830	17,244	16,784							
43	68	87 599	57 105,919	947 100,538	16,585	16,125							
44	69	86 567	55 874,332	889 994,619	15,929	15,469							
45	70	85 419	54 587,557	834 120,287	15,280	14,820							
46	71	84 189	53 268,401	779 532,730	14,634	14,174							
47	72	82 854	51 905,114	726 264,329	13,992	13,532							
48	73	81 425	50 504,979	674 359,214	13,352	12,892							
49	74	79 853	49 039,009	623 854,235	12,722	12,262							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	57 372,960	1 346 531,991	23,470	23,010
1	0	99 661	98 674,656	5 141 012,794	52,101	51,641	51	50	93 896	56 527,020	1 289 159,032	22,806	22,346
2	1	99 349	97 391,607	5 042 338,138	51,774	51,314	52	51	93 387	55 664,271	1 232 632,011	22,144	21,684
3	2	99 314	96 393,063	4 944 946,531	51,300	50,840	53	52	92 821	54 778,924	1 176 967,741	21,486	21,026
4	3	99 289	95 414,824	4 848 553,468	50,816	50,356	54	53	92 198	53 872,717	1 122 188,817	20,830	20,370
5	4	99 268	94 449,926	4 753 138,645	50,324	49,864	55	54	91 509	52 940,638	1 068 316,100	20,180	19,720
6	5	99 250	93 497,672	4 658 688,719	49,827	49,367	56	55	90 738	51 974,845	1 015 375,462	19,536	19,076
7	6	99 234	92 557,327	4 565 191,047	49,323	48,863	57	56	89 883	50 975,155	963 400,617	18,899	18,439
8	7	99 217	91 625,322	4 472 633,720	48,814	48,354	58	57	88 946	49 944,183	912 425,462	18,269	17,809
9	8	99 205	90 706,911	4 381 008,398	48,299	47,839	59	58	87 927	48 883,428	862 481,279	17,644	17,184
10	9	99 190	89 795,142	4 290 301,487	47,779	47,319	60	59	86 799	47 778,617	813 597,850	17,028	16,569
11	10	99 177	88 894,736	4 200 506,345	47,253	46,793	61	60	85 572	46 636,451	765 819,234	16,421	15,961
12	11	99 165	88 003,614	4 111 611,609	46,721	46,261	62	61	84 231	45 451,358	719 182,783	15,823	15,363
13	12	99 148	87 117,878	4 023 607,995	46,186	45,726	63	62	82 776	44 223,998	673 731,425	15,235	14,775
14	13	99 133	86 241,858	3 936 490,117	45,645	45,185	64	63	81 204	42 954,319	629 507,427	14,655	14,195
15	14	99 113	85 370,681	3 850 248,259	45,100	44,640	65	64	79 515	41 644,515	586 553,108	14,085	13,625
16	15	99 088	84 504,494	3 764 877,578	44,552	44,092	66	65	77 714	40 298,404	544 908,594	13,522	13,062
17	16	99 054	83 638,999	3 680 373,084	44,003	43,543	67	66	75 796	38 914,751	504 610,190	12,967	12,507
18	17	99 015	82 778,226	3 596 734,084	43,450	42,990	68	67	73 774	37 501,504	465 695,439	12,418	11,958
19	18	98 964	81 916,381	3 513 955,858	42,897	42,437	69	68	71 648	36 060,384	428 193,935	11,874	11,414
20	19	98 908	81 059,440	3 432 039,477	42,340	41,880	70	69	69 422	34 593,991	392 133,551	11,335	10,875
21	20	98 851	80 210,568	3 350 980,037	41,777	41,317	71	70	67 076	33 093,867	357 539,560	10,804	10,344
22	21	98 795	79 371,290	3 270 769,469	41,208	40,748	72	71	64 582	31 548,070	324 445,693	10,284	9,824
23	22	98 737	78 539,152	3 191 398,179	40,634	40,175	73	72	62 016	29 994,565	292 897,623	9,765	9,305
24	23	98 678	77 715,821	3 112 859,027	40,054	39,594	74	73	59 328	28 410,287	262 903,058	9,254	8,794
25	24	98 617	76 898,531	3 035 143,206	39,469	39,009	75	74	56 516	26 795,746	234 492,771	8,751	8,291
26	25	98 557	76 091,030	2 958 244,675	38,878	38,418	76	75	53 588	25 155,952	207 697,025	8,256	7,796
27	26	98 495	75 289,814	2 882 153,645	38,281	37,821	77	76	50 543	23 491,825	182 541,073	7,770	7,310
28	27	98 433	74 497,564	2 806 863,831	37,677	37,217	78	77	47 434	21 828,348	159 049,248	7,286	6,826
29	28	98 367	73 710,385	2 732 366,267	37,069	36,609	79	78	44 228	20 151,496	137 220,900	6,809	6,349
30	29	98 295	72 927,215	2 658 655,882	36,456	35,996	80	79	40 896	18 448,903	117 069,404	6,346	5,886
31	30	98 219	72 149,224	2 585 728,666	35,839	35,379	81	80	37 425	16 715,890	98 620,501	5,900	5,440
32	31	98 135	71 373,708	2 513 579,443	35,217	34,757	82	81	33 859	14 973,645	81 904,611	5,470	5,010
33	32	98 043	70 601,126	2 442 205,735	34,592	34,132	83	82	30 236	13 238,909	66 930,966	5,056	4,596
34	33	97 941	69 829,632	2 371 604,609	33,963	33,503	84	83	26 539	11 504,897	53 692,058	4,667	4,207
35	34	97 838	69 065,466	2 301 774,977	33,327	32,867	85	84	22 828	9 798,176	42 187,160	4,306	3,846
36	35	97 727	68 303,934	2 232 709,511	32,688	32,228	86	85	19 194	8 156,765	32 388,984	3,971	3,511
37	36	97 595	67 536,384	2 164 405,577	32,048	31,588	87	86	15 740	6 623,012	24 232,219	3,659	3,199
38	37	97 451	66 769,149	2 096 869,193	31,405	30,945	88	87	12 540	5 224,265	17 609,207	3,371	2,911
39	38	97 303	66 007,553	2 030 100,045	30,756	30,296	89	88	9 640	3 976,203	12 384,942	3,115	2,655
40	39	97 137	65 242,382	1 964 092,492	30,105	29,645	90	89	7 136	2 914,141	8 408,739	2,885	2,426
41	40	96 954	64 474,498	1 898 850,110	29,451	28,991	91	90	5 077	2 052,676	5 494,598	2,677	2,217
42	41	96 752	63 703,168	1 834 375,612	28,796	28,336	92	91	3 461	1 385,502	3 441,922	2,484	2,024
43	42	96 544	62 937,058	1 770 672,445	28,134	27,674	93	92	2 240	887,944	2 056,420	2,316	1,856
44	43	96 312	62 164,350	1 707 735,387	27,471	27,011	94	93	1 374	539,047	1 168,476	2,168	1,708
45	44	96 059	61 387,112	1 645 571,037	26,806	26,346	95	94	793	308,043	629,429	2,043	1,583
46	45	95 788	60 607,713	1 584 183,925	26,138	25,678	96	95	433	166,642	321,386	1,929	1,469
47	46	95 488	59 819,443	1 523 576,211	25,470	25,010	97	96	221	84,338	154,744	1,835	1,375
48	47	95 152	59 019,105	1 463 756,768	24,801	24,341	98	97	106	40,143	70,405	1,754	1,294
49	48	94 779	58 205,672	1 404 737,664	24,134	23,674	99	98	49	18,163	30,262	1,666	1,206
							100	99	21	7,584	12,098	1,595	1,135

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0							50	48	94 501	57 460,133	1 361 666,884	23,698	23,238
1							51	49	94 054	56 622,376	1 304 206,751	23,033	22,573
2	0	99 637	97 674,068	5 058 818,655	51,793	51,333	52	50	93 560	55 767,099	1 247 584,374	22,371	21,911
3	1	99 336	96 414,507	4 961 144,587	51,456	50,996	53	51	93 014	54 892,909	1 191 817,275	21,712	21,252
4	2	99 302	95 427,363	4 864 730,081	50,978	50,518	54	52	92 402	53 991,737	1 136 924,366	21,057	20,597
5	3	99 278	94 459,343	4 769 302,718	50,491	50,031	55	53	91 737	53 072,182	1 082 932,629	20,405	19,945
6	4	99 259	93 506,279	4 674 843,374	49,995	49,535	56	54	90 989	52 118,394	1 029 860,447	19,760	19,300
7	5	99 241	92 563,617	4 581 337,095	49,494	49,034	57	55	90 163	51 134,305	977 742,053	19,121	18,661
8	6	99 224	91 632,012	4 488 773,479	48,987	48,527	58	56	89 247	50 113,647	926 607,748	18,490	18,030
9	7	99 210	90 711,232	4 397 141,466	48,474	48,014	59	57	88 259	49 067,741	876 494,102	17,863	17,403
10	8	99 197	89 801,614	4 306 430,235	47,955	47,495	60	58	87 163	47 978,860	827 426,361	17,246	16,786
11	9	99 182	88 899,461	4 216 628,621	47,431	46,971	61	59	85 970	46 853,592	779 447,501	16,636	16,176
12	10	99 170	88 008,507	4 127 729,160	46,901	46,441	62	60	84 665	45 685,579	732 593,909	16,036	15,576
13	11	99 156	87 124,578	4 039 720,653	46,367	45,907	63	61	83 241	44 472,429	686 908,330	15,446	14,986
14	12	99 139	86 247,309	3 952 596,075	45,829	45,369	64	62	81 704	43 218,901	642 435,901	14,865	14,405
15	13	99 121	85 377,430	3 866 348,766	45,285	44,825	65	63	80 056	41 927,955	599 217,000	14,292	13,832
16	14	99 097	84 512,290	3 780 971,337	44,739	44,279	66	64	78 294	40 599,195	557 289,044	13,727	13,267
17	15	99 066	83 648,683	3 696 459,047	44,190	43,730	67	65	76 408	39 229,121	516 689,849	13,171	12,711
18	16	99 028	82 788,810	3 612 810,363	43,639	43,179	68	66	74 426	37 832,835	477 460,728	12,620	12,160
19	17	98 977	81 927,003	3 530 021,553	43,087	42,627	69	67	72 325	36 401,023	439 627,893	12,077	11,617
20	18	98 924	81 072,600	3 448 094,550	42,531	42,071	70	68	70 138	34 950,626	403 226,870	11,537	11,077
21	19	98 867	80 223,754	3 367 021,950	41,970	41,510	71	69	67 859	33 480,442	368 276,244	11,000	10,540
22	20	98 811	79 384,284	3 286 798,196	41,404	40,944	72	70	65 403	31 949,087	334 795,802	10,479	10,019
23	21	98 753	78 552,490	3 207 413,912	40,831	40,371	73	71	62 885	30 414,729	302 846,715	9,957	9,497
24	22	98 695	77 728,862	3 128 861,422	40,254	39,794	74	72	60 228	28 841,406	272 431,986	9,446	8,986
25	23	98 633	76 911,111	3 051 132,560	39,671	39,211	75	73	57 478	27 251,834	243 590,580	8,939	8,479
26	24	98 574	76 103,531	2 974 221,450	39,081	38,621	76	74	54 581	25 622,072	216 338,747	8,443	7,983
27	25	98 514	75 304,455	2 898 117,918	38,485	38,025	77	75	51 581	23 974,185	190 716,675	7,955	7,495
28	26	98 451	74 510,845	2 822 813,464	37,885	37,425	78	76	48 508	22 322,771	166 742,489	7,470	7,010
29	27	98 387	73 725,849	2 748 302,619	37,277	36,817	79	77	45 313	20 645,722	144 419,718	6,995	6,535
30	28	98 318	72 944,575	2 674 576,770	36,666	36,206	80	78	42 040	18 964,890	123 773,996	6,526	6,067
31	29	98 243	72 167,032	2 601 632,195	36,050	35,590	81	79	38 615	17 247,250	104 809,106	6,077	5,617
32	30	98 162	71 393,897	2 529 465,163	35,430	34,970	82	80	35 097	15 520,936	87 561,856	5,642	5,182
33	31	98 075	70 623,867	2 458 071,266	34,805	34,345	83	81	31 510	13 796,498	72 040,920	5,222	4,762
34	32	97 974	69 853,097	2 387 447,399	34,178	33,718	84	82	27 848	12 072,324	58 244,422	4,825	4,365
35	33	97 873	69 089,663	2 317 594,302	33,545	33,085	85	83	24 161	10 370,590	46 172,098	4,452	3,992
36	34	97 764	68 330,022	2 248 504,639	32,907	32,447	86	84	20 501	8 712,520	35 801,508	4,109	3,649
37	35	97 641	67 567,934	2 180 174,618	32,266	31,806	87	85	16 993	7 149,916	27 088,988	3,789	3,329
38	36	97 498	66 801,003	2 112 606,684	31,625	31,165	88	86	13 709	5 711,317	19 939,072	3,491	3,031
39	37	97 352	66 040,899	2 045 805,681	30,978	30,518	89	87	10 700	4 413,564	14 227,755	3,224	2,764
40	38	97 191	65 278,553	1 979 764,781	30,328	29,868	90	88	8 047	3 286,517	9 814,190	2,986	2,526
41	39	97 017	64 516,475	1 914 486,228	29,674	29,214	91	89	5 827	2 356,164	6 527,674	2,770	2,310
42	40	96 813	63 743,525	1 849 969,753	29,022	28,562	92	90	4 058	1 624,492	4 171,509	2,568	2,108
43	41	96 615	62 983,221	1 786 226,228	28,360	27,900	93	91	2 686	1 064,589	2 547,017	2,392	1,933
44	42	96 390	62 214,548	1 723 243,007	27,698	27,238	94	92	1 691	663,807	1 482,428	2,233	1,773
45	43	96 145	61 442,146	1 661 028,459	27,034	26,574	95	93	1 003	389,661	818,621	2,101	1,641
46	44	95 879	60 665,093	1 599 586,313	26,367	25,908	96	94	562	216,266	428,960	1,983	1,524
47	45	95 590	59 883,858	1 538 921,220	25,698	25,238	97	95	297	113,093	212,694	1,881	1,421
48	46	95 265	59 089,077	1 479 037,362	25,031	24,571	98	96	148	55,701	99,601	1,788	1,328
49	47	94 902	58 281,401	1 419 948,285	24,364	23,904	99	97	69	25,754	43,900	1,705	1,245
							100	98	30	11,137	18,145	1,629	1,169

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	57 534,892	1 375 685,808	23,910	23,450
1							51	48	94 197	56 708,409	1 318 150,916	23,244	22,784
2							52	49	93 718	55 861,173	1 261 442,507	22,582	22,122
3	0	99 624	96 694,134	4 976 419,639	51,466	51,006	53	50	93 186	54 994,313	1 205 581,333	21,922	21,462
4	1	99 324	95 448,592	4 879 725,505	51,124	50,664	54	51	92 594	54 104,085	1 150 587,020	21,266	20,806
5	2	99 291	94 471,757	4 784 276,914	50,642	50,182	55	52	91 939	53 189,434	1 096 482,936	20,615	20,155
6	3	99 269	93 515,603	4 689 805,156	50,150	49,690	56	53	91 215	52 247,894	1 043 293,502	19,968	19,508
7	4	99 250	92 572,138	4 596 289,554	49,651	49,191	57	54	90 412	51 275,532	991 045,608	19,328	18,868
8	5	99 231	91 638,239	4 503 717,416	49,147	48,687	58	55	89 526	50 270,106	939 770,076	18,694	18,234
9	6	99 217	90 717,855	4 412 079,177	48,635	48,175	59	56	88 558	49 234,231	889 499,970	18,067	17,607
10	7	99 202	89 805,891	4 321 361,322	48,119	47,659	60	57	87 492	48 159,762	840 265,739	17,447	16,987
11	8	99 189	88 905,868	4 231 555,430	47,596	47,136	61	58	86 330	47 049,958	792 105,977	16,835	16,375
12	9	99 175	88 013,185	4 142 649,562	47,069	46,609	62	59	85 059	45 898,293	745 056,019	16,233	15,773
13	10	99 161	87 129,422	4 054 636,377	46,536	46,076	63	60	83 670	44 701,606	699 157,726	15,641	15,181
14	11	99 147	86 253,942	3 967 506,956	45,998	45,538	64	61	82 163	43 461,686	654 456,120	15,058	14,598
15	12	99 127	85 382,826	3 881 253,014	45,457	44,997	65	62	80 549	42 186,216	610 994,434	14,483	14,023
16	13	99 105	84 518,971	3 795 870,188	44,911	44,451	66	63	78 827	40 875,521	568 808,218	13,916	13,456
17	14	99 075	83 656,401	3 711 351,218	44,364	43,904	67	64	76 979	39 521,931	527 932,697	13,358	12,898
18	15	99 039	82 798,396	3 627 694,817	43,814	43,354	68	65	75 027	38 138,465	488 410,766	12,806	12,346
19	16	98 989	81 937,478	3 544 896,421	43,263	42,803	69	66	72 964	36 722,631	450 272,301	12,261	11,801
20	17	98 937	81 083,112	3 462 958,943	42,709	42,249	70	67	70 800	35 280,782	413 549,670	11,722	11,262
21	18	98 883	80 236,778	3 381 875,831	42,149	41,689	71	68	68 559	33 825,597	378 268,888	11,183	10,723
22	19	98 827	79 397,334	3 301 639,052	41,584	41,124	72	69	66 167	32 322,290	344 443,291	10,657	10,197
23	20	98 769	78 565,350	3 222 241,718	41,014	40,554	73	70	63 684	30 801,340	312 121,002	10,133	9,673
24	21	98 712	77 742,062	3 143 676,368	40,437	39,977	74	71	61 072	29 245,416	281 319,661	9,619	9,159
25	22	98 650	76 924,017	3 065 934,306	39,857	39,397	75	72	58 350	27 665,373	252 074,245	9,112	8,652
26	23	98 590	76 115,981	2 989 010,289	39,269	38,809	76	73	55 510	26 058,183	224 408,872	8,612	8,152
27	24	98 530	75 316,827	2 912 894,309	38,675	38,215	77	74	52 537	24 418,408	198 350,689	8,123	7,663
28	25	98 470	74 525,334	2 837 577,482	38,075	37,615	78	75	49 504	22 781,127	173 932,281	7,635	7,175
29	26	98 405	73 738,992	2 763 052,148	37,471	37,011	79	76	46 339	21 113,358	151 151,154	7,159	6,699
30	27	98 339	72 959,878	2 689 313,156	36,860	36,400	80	77	43 071	19 430,014	130 037,796	6,693	6,233
31	28	98 266	72 184,211	2 616 353,278	36,246	35,786	81	78	39 695	17 729,628	110 607,782	6,239	5,779
32	29	98 187	71 411,519	2 544 169,067	35,627	35,167	82	79	36 213	16 014,312	92 878,154	5,800	5,340
33	30	98 102	70 643,844	2 472 757,548	35,003	34,543	83	80	32 661	14 300,765	76 863,842	5,375	4,915
34	31	98 006	69 875,597	2 402 113,704	34,377	33,917	84	81	29 020	12 580,780	62 563,077	4,973	4,513
35	32	97 905	69 112,878	2 332 238,107	33,745	33,285	85	82	25 353	10 882,072	49 982,297	4,593	4,133
36	33	97 799	68 353,961	2 263 125,229	33,109	32,649	86	83	21 699	9 221,509	39 100,225	4,240	3,780
37	34	97 678	67 593,741	2 194 771,268	32,470	32,010	87	84	18 150	7 637,069	29 878,716	3,912	3,452
38	35	97 543	66 832,210	2 127 177,526	31,829	31,369	88	85	14 800	6 165,690	22 241,647	3,607	3,147
39	36	97 399	66 072,406	2 060 345,317	31,183	30,723	89	86	11 698	4 825,036	16 075,957	3,332	2,872
40	37	97 240	65 311,531	1 994 272,911	30,535	30,075	90	87	8 933	3 648,016	11 250,920	3,084	2,624
41	38	97 071	64 552,244	1 928 961,380	29,882	29,422	91	88	6 572	2 657,241	7 602,904	2,861	2,401
42	39	96 876	63 785,027	1 864 409,136	29,230	28,770	92	89	4 658	1 864,674	4 945,664	2,652	2,192
43	40	96 676	63 023,123	1 800 624,109	28,571	28,111	93	90	3 149	1 248,224	3 080,990	2,468	2,008
44	41	96 461	62 260,181	1 737 600,986	27,909	27,449	94	91	2 028	795,863	1 832,766	2,303	1,843
45	42	96 223	61 491,761	1 675 340,805	27,245	26,785	95	92	1 235	479,846	1 036,903	2,161	1,701
46	43	95 965	60 719,480	1 613 849,045	26,579	26,119	96	93	711	273,567	557,056	2,036	1,576
47	44	95 681	59 940,553	1 553 129,565	25,911	25,451	97	94	385	146,770	283,489	1,932	1,472
48	45	95 368	59 152,706	1 493 189,013	25,243	24,783	98	95	198	74,692	136,719	1,830	1,370
49	46	95 015	58 350,499	1 434 036,307	24,576	24,116	99	96	96	35,736	62,027	1,736	1,276
							100	97	43	15,792	26,292	1,665	1,205

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	57 603,105	1 388 641,935	24,107	23,647
1							51	47	94 320	56 782,190	1 331 038,830	23,441	22,981
2							52	48	93 860	55 946,050	1 274 256,640	22,777	22,317
3							53	49	93 343	55 087,083	1 218 310,590	22,116	21,656
4	0	99 612	95 725,418	4 893 855,820	51,124	50,664	54	50	92 765	54 204,032	1 163 223,507	21,460	21,000
5	1	99 313	94 492,774	4 798 130,402	50,778	50,318	55	51	92 131	53 300,112	1 109 019,475	20,807	20,347
6	2	99 282	93 527,892	4 703 637,629	50,291	49,831	56	52	91 416	52 363,325	1 055 719,364	20,161	19,701
7	3	99 260	92 581,368	4 610 109,736	49,795	49,335	57	53	90 637	51 402,938	1 003 356,038	19,519	19,059
8	4	99 240	91 646,675	4 517 528,368	49,293	48,833	58	54	89 773	50 408,946	951 953,101	18,885	18,425
9	5	99 224	90 724,019	4 425 881,693	48,784	48,324	59	55	88 835	49 387,945	901 544,154	18,254	17,794
10	6	99 209	89 812,449	4 335 157,673	48,269	47,809	60	56	87 789	48 323,171	852 156,209	17,635	17,175
11	7	99 194	88 910,103	4 245 345,224	47,749	47,289	61	57	86 656	47 227,358	803 833,038	17,020	16,561
12	8	99 183	88 019,528	4 156 435,122	47,222	46,762	62	58	85 416	46 090,656	756 605,680	16,416	15,956
13	9	99 167	87 134,053	4 068 415,593	46,691	46,231	63	59	84 060	44 909,738	710 515,025	15,821	15,361
14	10	99 152	86 258,738	3 981 281,540	46,155	45,695	64	60	82 586	43 685,654	665 605,286	15,236	14,776
15	11	99 134	85 389,392	3 895 022,803	45,615	45,155	65	61	81 001	42 423,200	621 919,632	14,660	14,200
16	12	99 111	84 524,312	3 809 633,410	45,071	44,611	66	62	79 312	41 127,299	579 496,433	14,090	13,630
17	13	99 082	83 663,013	3 725 109,098	44,525	44,065	67	63	77 503	39 790,925	538 369,134	13,530	13,070
18	14	99 048	82 806,034	3 641 446,085	43,976	43,516	68	64	75 587	38 423,134	498 578,209	12,976	12,516
19	15	99 001	81 946,965	3 558 640,050	43,426	42,966	69	65	73 553	37 019,292	460 155,074	12,430	11,970
20	16	98 949	81 093,479	3 476 693,085	42,873	42,413	70	66	71 426	35 592,492	423 135,782	11,888	11,428
21	17	98 896	80 247,183	3 395 599,606	42,314	41,854	71	67	69 206	34 145,125	387 543,290	11,350	10,890
22	18	98 843	79 410,224	3 315 352,423	41,750	41,290	72	68	66 849	32 655,506	353 398,165	10,822	10,362
23	19	98 786	78 578,266	3 235 942,199	41,181	40,721	73	69	64 428	31 161,136	320 742,660	10,293	9,833
24	20	98 728	77 754,789	3 157 363,933	40,607	40,147	74	70	61 848	29 617,164	289 581,524	9,777	9,318
25	21	98 667	76 937,081	3 079 609,144	40,028	39,568	75	71	59 167	28 052,910	259 964,360	9,267	8,807
26	22	98 606	76 128,753	3 002 672,064	39,442	38,982	76	72	56 352	26 453,609	231 911,450	8,767	8,307
27	23	98 546	75 329,148	2 926 543,310	38,850	38,390	77	73	53 431	24 834,031	205 457,841	8,273	7,813
28	24	98 486	74 537,578	2 851 214,163	38,252	37,792	78	74	50 422	23 203,243	180 623,810	7,784	7,324
29	25	98 424	73 753,331	2 776 676,585	37,648	37,188	79	75	47 290	21 546,881	157 420,567	7,306	6,846
30	26	98 356	72 972,885	2 702 923,254	37,040	36,580	80	76	44 046	19 870,114	135 873,686	6,838	6,378
31	27	98 287	72 199,354	2 629 950,369	36,426	35,966	81	77	40 668	18 164,457	116 003,572	6,386	5,926
32	28	98 210	71 428,518	2 557 751,015	35,809	35,349	82	78	37 226	16 462,207	97 839,115	5,943	5,483
33	29	98 127	70 661,281	2 486 322,496	35,186	34,727	83	79	33 700	14 755,354	81 376,908	5,515	5,055
34	30	98 034	69 895,362	2 415 661,215	34,561	34,101	84	80	30 081	13 040,612	66 621,555	5,109	4,649
35	31	97 937	69 135,140	2 345 765,853	33,930	33,470	85	81	26 421	11 340,397	53 580,943	4,725	4,265
36	32	97 832	68 376,929	2 276 630,713	33,295	32,835	86	82	22 769	9 676,318	42 240,545	4,365	3,905
37	33	97 712	67 617,423	2 208 253,784	32,658	32,198	87	83	19 211	8 083,230	32 564,227	4,029	3,569
38	34	97 581	66 857,735	2 140 636,361	32,018	31,558	88	84	15 808	6 585,784	24 480,997	3,717	3,257
39	35	97 444	66 103,272	2 073 778,626	31,372	30,912	89	85	12 628	5 208,900	17 895,213	3,436	2,976
40	36	97 286	65 342,690	2 007 675,353	30,725	30,265	90	86	9 765	3 988,117	12 686,313	3,181	2,721
41	37	97 120	64 584,855	1 942 332,663	30,074	29,614	91	87	7 295	2 949,523	8 698,197	2,949	2,489
42	38	96 930	63 820,390	1 877 747,808	29,422	28,962	92	88	5 253	2 102,946	5 748,674	2,734	2,274
43	39	96 739	63 064,155	1 813 927,418	28,763	28,303	93	89	3 615	1 432,774	3 645,727	2,545	2,085
44	40	96 522	62 299,624	1 750 863,263	28,104	27,644	94	90	2 378	933,144	2 212,953	2,372	1,912
45	41	96 294	61 536,864	1 688 563,639	27,440	26,980	95	91	1 481	575,306	1 279,809	2,225	1,765
46	42	96 042	60 768,511	1 627 026,775	26,774	26,314	96	92	876	336,882	704,503	2,091	1,631
47	43	95 767	59 994,289	1 566 258,264	26,107	25,647	97	93	487	185,658	367,620	1,980	1,520
48	44	95 458	59 208,708	1 506 263,975	25,440	24,980	98	94	257	96,934	181,963	1,877	1,417
49	45	95 117	58 413,332	1 447 055,267	24,773	24,313	99	95	128	47,919	85,028	1,774	1,314
							100	96	59	21,912	37,109	1,694	1,234

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	57 665,133	1 400 592,278	24,288	23,828
1							51	46	94 431	56 849,511	1 342 927,144	23,622	23,163
2							52	47	93 982	56 018,839	1 286 077,634	22,958	22,498
3							53	48	93 485	55 170,783	1 230 058,795	22,295	21,835
4							54	49	92 922	54 295,469	1 174 888,012	21,639	21,179
5	0	99 601	94 766,827	4 811 180,099	50,769	50,309	55	50	92 301	53 398,573	1 120 592,543	20,985	20,525
6	1	99 304	93 548,699	4 716 413,272	50,417	49,957	56	51	91 607	52 472,284	1 067 193,970	20,338	19,878
7	2	99 273	92 593,536	4 622 864,573	49,926	49,466	57	52	90 837	51 516,502	1 014 721,686	19,697	19,237
8	3	99 250	91 655,813	4 530 271,038	49,427	48,967	58	53	89 996	50 534,199	963 205,184	19,060	18,600
9	4	99 233	90 732,372	4 438 615,225	48,920	48,460	59	54	89 080	49 524,349	912 670,985	18,429	17,969
10	5	99 216	89 818,552	4 347 882,853	48,407	47,947	60	55	88 063	48 474,041	863 146,636	17,806	17,346
11	6	99 201	88 916,595	4 258 064,301	47,888	47,428	61	56	86 950	47 387,603	814 672,595	17,192	16,732
12	7	99 187	88 023,721	4 169 147,706	47,364	46,904	62	57	85 738	46 264,438	767 284,992	16,585	16,125
13	8	99 174	87 140,333	4 081 123,985	46,834	46,374	63	58	84 412	45 097,958	721 020,553	15,988	15,528
14	9	99 157	86 263,322	3 993 983,653	46,300	45,840	64	59	82 971	43 889,057	675 922,596	15,401	14,941
15	10	99 140	85 394,140	3 907 720,330	45,761	45,301	65	60	81 419	42 641,816	632 033,539	14,822	14,362
16	11	99 119	84 530,813	3 822 326,190	45,218	44,758	66	61	79 758	41 358,334	589 391,723	14,251	13,791
17	12	99 089	83 668,301	3 737 795,377	44,674	44,214	67	62	77 980	40 036,022	548 033,389	13,689	13,229
18	13	99 056	82 812,580	3 654 127,076	44,125	43,665	68	63	76 101	38 684,650	507 997,367	13,132	12,672
19	14	99 010	81 954,525	3 571 314,496	43,577	43,117	69	64	74 102	37 295,607	469 312,717	12,584	12,124
20	15	98 961	81 102,869	3 489 359,971	43,024	42,564	70	65	72 003	35 880,024	432 017,109	12,041	11,581
21	16	98 909	80 257,443	3 408 257,102	42,467	42,007	71	66	69 818	34 446,802	396 137,086	11,500	11,040
22	17	98 856	79 420,521	3 327 999,659	41,904	41,444	72	67	67 481	32 963,980	361 690,284	10,972	10,512
23	18	98 802	78 591,023	3 248 579,138	41,335	40,875	73	68	65 092	31 482,381	328 726,304	10,442	9,982
24	19	98 744	77 767,572	3 169 988,116	40,762	40,302	74	69	62 570	29 963,127	297 243,922	9,920	9,460
25	20	98 683	76 949,676	3 092 220,544	40,185	39,725	75	70	59 919	28 409,499	267 280,795	9,408	8,948
26	21	98 623	76 141,682	3 015 270,868	39,601	39,141	76	71	57 141	26 824,171	238 871,296	8,905	8,445
27	22	98 563	75 341,788	2 939 129,186	39,011	38,551	77	72	54 242	25 210,881	212 047,125	8,411	7,951
28	23	98 502	74 549,771	2 863 787,398	38,414	37,954	78	73	51 280	23 598,183	186 836,244	7,917	7,457
29	24	98 440	73 765,448	2 789 237,627	37,812	37,352	79	74	48 167	21 946,128	163 238,061	7,438	6,978
30	25	98 376	72 987,075	2 715 472,179	37,205	36,745	80	75	44 951	20 278,109	141 291,933	6,968	6,508
31	26	98 304	72 212,226	2 642 485,104	36,593	36,133	81	76	41 589	18 575,891	121 013,824	6,515	6,055
32	27	98 231	71 443,503	2 570 272,878	35,976	35,516	82	77	38 138	16 865,951	102 437,933	6,074	5,614
33	28	98 150	70 678,102	2 498 829,375	35,355	34,895	83	78	34 642	15 168,038	85 571,982	5,642	5,182
34	29	98 058	69 912,614	2 428 151,273	34,731	34,271	84	79	31 037	13 455,143	70 403,944	5,232	4,773
35	30	97 965	69 154,696	2 358 238,659	34,101	33,641	85	80	27 386	11 754,893	56 948,801	4,845	4,385
36	31	97 863	68 398,954	2 289 083,963	33,467	33,007	86	81	23 728	10 083,860	45 193,908	4,482	4,022
37	32	97 745	67 640,143	2 220 685,009	32,831	32,371	87	82	20 158	8 481,899	35 110,048	4,139	3,679
38	33	97 615	66 881,159	2 153 044,866	32,192	31,732	88	83	16 732	6 970,528	26 628,149	3,820	3,360
39	34	97 482	66 128,520	2 086 163,707	31,547	31,087	89	84	13 489	5 563,804	19 657,621	3,533	3,073
40	35	97 332	65 373,215	2 020 035,187	30,900	30,440	90	85	10 542	4 305,397	14 093,817	3,274	2,814
41	36	97 166	64 615,667	1 954 661,971	30,251	29,791	91	86	7 975	3 224,504	9 788,420	3,036	2,576
42	37	96 979	63 852,631	1 890 046,304	29,600	29,140	92	87	5 831	2 334,259	6 563,916	2,812	2,352
43	38	96 793	63 099,119	1 826 193,673	28,942	28,482	93	88	4 077	1 615,858	4 229,657	2,618	2,158
44	39	96 585	62 340,186	1 763 094,554	28,282	27,822	94	89	2 729	1 071,110	2 613,799	2,440	1,980
45	40	96 355	61 575,849	1 700 754,368	27,620	27,160	95	90	1 736	674,542	1 542,689	2,287	1,827
46	41	96 113	60 813,083	1 639 178,519	26,954	26,494	96	91	1 050	403,901	868,146	2,149	1,689
47	42	95 844	60 042,735	1 578 365,436	26,287	25,827	97	92	600	228,627	464,245	2,031	1,571
48	43	95 543	59 261,789	1 518 322,701	25,621	25,161	98	93	325	122,618	235,618	1,922	1,462
49	44	95 207	58 468,635	1 459 060,912	24,955	24,495	99	94	167	62,189	113,001	1,817	1,357
							100	95	79	29,382	50,811	1,729	1,269

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	57 719,727	1 411 594,686	24,456	23,996
1							51	45	94 533	56 910,727	1 353 874,959	23,789	23,329
2							52	46	94 094	56 085,254	1 296 964,231	23,125	22,665
3							53	47	93 607	55 242,564	1 240 878,977	22,462	22,002
4							54	48	93 063	54 377,966	1 185 636,413	21,804	21,344
5							55	49	92 456	53 488,652	1 131 258,447	21,150	20,690
6	0	99 592	93 820,014	4 728 448,481	50,399	49,939	56	50	91 776	52 569,216	1 077 769,796	20,502	20,042
7	1	99 295	92 614,134	4 634 628,467	50,042	49,582	57	51	91 026	51 623,699	1 025 200,579	19,859	19,399
8	2	99 263	91 667,859	4 542 014,333	49,549	49,089	58	52	90 195	50 645,844	973 150,880	19,223	18,763
9	3	99 243	90 741,418	4 450 346,475	49,044	48,584	59	53	89 301	49 647,404	922 931,036	18,590	18,130
10	4	99 225	89 826,820	4 359 605,056	48,533	48,073	60	54	88 306	48 607,920	873 283,633	17,966	17,506
11	5	99 208	88 922,637	4 269 778,236	48,017	47,557	61	55	87 221	47 535,552	824 675,713	17,349	16,889
12	6	99 195	88 030,148	4 180 855,599	47,493	47,033	62	56	86 029	46 421,417	777 140,160	16,741	16,281
13	7	99 179	87 144,483	4 092 825,450	46,966	46,506	63	57	84 730	45 267,997	730 718,744	16,142	15,682
14	8	99 165	86 269,540	4 005 680,967	46,432	45,972	64	58	83 318	44 072,999	685 450,746	15,553	15,093
15	9	99 145	85 398,679	3 919 411,427	45,895	45,435	65	59	81 798	42 840,358	641 377,748	14,971	14,511
16	10	99 125	84 535,513	3 834 012,748	45,354	44,894	66	60	80 169	41 571,463	598 537,390	14,398	13,938
17	11	99 096	83 674,736	3 749 477,236	44,810	44,350	67	61	78 418	40 260,927	556 965,927	13,834	13,374
18	12	99 062	82 817,814	3 665 802,500	44,263	43,803	68	62	76 570	38 922,933	516 705,000	13,275	12,815
19	13	99 018	81 961,004	3 582 984,686	43,716	43,256	69	63	74 607	37 549,449	477 782,067	12,724	12,264
20	14	98 970	81 110,351	3 501 023,682	43,164	42,704	70	64	72 540	36 147,836	440 232,618	12,179	11,719
21	15	98 920	80 266,736	3 419 913,331	42,607	42,147	71	65	70 382	34 725,078	404 084,783	11,637	11,177
22	16	98 869	79 430,675	3 339 646,596	42,045	41,585	72	66	68 077	33 255,222	369 359,705	11,107	10,647
23	17	98 815	78 601,213	3 260 215,920	41,478	41,018	73	67	65 707	31 779,774	336 104,483	10,576	10,116
24	18	98 760	77 780,197	3 181 614,707	40,905	40,445	74	68	63 215	30 272,022	304 324,709	10,053	9,593
25	19	98 699	76 962,326	3 103 834,510	40,329	39,869	75	69	60 619	28 741,355	274 052,687	9,535	9,075
26	20	98 639	76 154,147	3 026 872,184	39,747	39,287	76	70	57 868	27 165,141	245 311,331	9,030	8,570
27	21	98 580	75 354,583	2 950 718,037	39,158	38,698	77	71	55 002	25 564,035	218 146,190	8,533	8,073
28	22	98 518	74 562,281	2 875 363,453	38,565	38,103	78	72	52 058	23 956,279	192 582,155	8,039	7,579
29	23	98 456	73 777,515	2 800 801,172	37,963	37,503	79	73	48 986	22 319,671	168 625,876	7,555	7,095
30	24	98 392	72 999,066	2 727 023,657	37,357	36,897	80	74	45 784	20 653,846	146 306,205	7,084	6,624
31	25	98 324	72 226,267	2 654 024,591	36,746	36,286	81	75	42 443	18 957,312	125 652,359	6,628	6,168
32	26	98 248	71 456,240	2 581 798,324	36,131	35,671	82	76	39 002	17 247,974	106 695,047	6,186	5,726
33	27	98 171	70 692,929	2 510 342,084	35,511	35,051	83	77	35 492	15 540,042	89 447,073	5,756	5,296
34	28	98 081	69 929,257	2 439 649,155	34,887	34,427	84	78	31 905	13 831,462	73 907,031	5,343	4,883
35	29	97 989	69 171,765	2 369 719,898	34,258	33,799	85	79	28 257	12 128,554	60 075,569	4,953	4,493
36	30	97 891	68 418,302	2 300 548,133	33,625	33,165	86	80	24 595	10 452,428	47 947,015	4,587	4,127
37	31	97 777	67 661,931	2 232 129,831	32,989	32,529	87	81	21 007	8 839,135	37 494,586	4,242	3,782
38	32	97 648	66 903,632	2 164 467,900	32,352	31,892	88	82	17 557	7 314,318	28 655,451	3,918	3,458
39	33	97 516	66 151,688	2 097 564,268	31,708	31,248	89	83	14 277	5 888,844	21 341,133	3,624	3,164
40	34	97 369	65 398,184	2 031 412,580	31,062	30,602	90	84	11 261	4 598,742	15 452,289	3,360	2,900
41	35	97 211	64 645,853	1 966 014,396	30,412	29,952	91	85	8 609	3 481,034	10 853,547	3,118	2,658
42	36	97 025	63 883,095	1 901 368,543	29,763	29,303	92	86	6 374	2 551,880	7 372,513	2,889	2,429
43	37	96 842	63 130,996	1 837 485,449	29,106	28,646	93	87	4 525	1 793,593	4 820,633	2,688	2,228
44	38	96 638	62 374,748	1 774 354,453	28,447	27,987	94	88	3 078	1 207,979	3 027,040	2,506	2,046
45	39	96 417	61 615,939	1 711 979,705	27,785	27,325	95	89	1 993	774,274	1 819,061	2,349	1,889
46	40	96 173	60 851,610	1 650 363,766	27,121	26,661	96	90	1 231	473,571	1 044,787	2,206	1,746
47	41	95 914	60 086,775	1 589 512,156	26,454	25,994	97	91	720	274,110	571,216	2,084	1,624
48	42	95 621	59 309,643	1 529 425,381	25,787	25,327	98	92	400	150,997	297,106	1,968	1,508
49	43	95 293	58 521,052	1 470 115,738	25,121	24,661	99	93	211	78,666	146,109	1,857	1,397
							100	94	103	38,132	67,443	1,769	1,309

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	57 771,473	1 421 712,392	24,609	24,149
1							51	44	94 623	56 964,607	1 363 940,919	23,944	23,484
2							52	45	94 195	56 145,648	1 306 976,312	23,278	22,818
3							53	46	93 718	55 308,059	1 250 830,664	22,616	22,156
4							54	47	93 184	54 448,715	1 195 522,605	21,957	21,497
5							55	48	92 597	53 569,923	1 141 073,890	21,301	20,841
6							56	49	91 931	52 657,896	1 087 503,967	20,652	20,192
7	0	99 583	92 882,739	4 645 716,013	50,017	49,557	57	50	91 195	51 719,064	1 034 846,071	20,009	19,549
8	1	99 285	91 688,251	4 552 833,274	49,656	49,196	58	51	90 383	50 751,229	983 127,007	19,371	18,912
9	2	99 256	90 753,344	4 461 145,023	49,157	48,697	59	52	89 499	49 757,089	932 375,778	18,739	18,279
10	3	99 235	89 835,777	4 370 391,679	48,649	48,189	60	53	88 525	48 728,698	882 618,689	18,113	17,653
11	4	99 217	88 930,823	4 280 555,902	48,134	47,674	61	54	87 462	47 666,840	833 889,991	17,494	17,034
12	5	99 201	88 036,130	4 191 625,079	47,613	47,153	62	55	86 297	46 566,349	786 223,151	16,884	16,424
13	6	99 186	87 150,847	4 103 588,949	47,086	46,626	63	56	85 018	45 421,595	739 656,802	16,284	15,824
14	7	99 169	86 273,649	4 016 438,102	46,555	46,095	64	57	83 632	44 239,174	694 235,208	15,693	15,233
15	8	99 152	85 404,834	3 930 164,453	46,018	45,558	65	58	82 141	43 019,905	649 996,034	15,109	14,649
16	9	99 130	84 540,006	3 844 759,619	45,479	45,019	66	59	80 542	41 765,021	606 976,129	14,533	14,073
17	10	99 102	83 679,388	3 760 219,613	44,936	44,476	67	60	78 822	40 468,401	565 211,108	13,967	13,507
18	11	99 070	82 824,183	3 676 540,225	44,390	43,930	68	61	77 000	39 141,585	524 742,707	13,406	12,946
19	12	99 024	81 966,184	3 593 716,042	43,844	43,384	69	62	75 066	37 780,739	485 601,122	12,853	12,393
20	13	98 978	81 116,763	3 511 749,858	43,293	42,833	70	63	73 034	36 393,865	447 820,383	12,305	11,845
21	14	98 929	80 274,141	3 430 633,096	42,736	42,276	71	64	70 907	34 984,269	411 426,518	11,760	11,300
22	15	98 880	79 439,872	3 350 358,955	42,175	41,715	72	65	68 627	33 523,872	376 442,249	11,229	10,769
23	16	98 827	78 611,263	3 270 919,082	41,609	41,149	73	66	66 287	32 060,553	342 918,377	10,696	10,236
24	17	98 773	77 790,283	3 192 307,819	41,037	40,577	74	67	63 813	30 557,981	310 857,824	10,173	9,713
25	18	98 715	76 974,821	3 114 517,537	40,462	40,002	75	68	61 244	29 037,655	280 299,843	9,653	9,193
26	19	98 655	76 166,666	3 037 542,716	39,880	39,420	76	69	58 544	27 482,462	251 262,188	9,143	8,683
27	20	98 596	75 366,920	2 961 376,050	39,293	38,833	77	70	55 701	25 888,988	223 779,726	8,644	8,184
28	21	98 535	74 574,944	2 886 009,130	38,699	38,239	78	71	52 787	24 291,859	197 890,738	8,146	7,686
29	22	98 473	73 789,895	2 811 434,187	38,101	37,641	79	72	49 730	22 658,366	173 598,879	7,662	7,202
30	23	98 408	73 011,008	2 737 644,291	37,496	37,036	80	73	46 563	21 005,393	150 940,514	7,186	6,726
31	24	98 340	72 238,134	2 664 633,284	36,887	36,427	81	74	43 230	19 308,576	129 935,120	6,729	6,269
32	25	98 267	71 470,134	2 592 395,150	36,272	35,812	82	75	39 803	17 602,128	110 626,544	6,285	5,825
33	26	98 188	70 705,532	2 520 925,015	35,654	35,194	83	76	36 296	15 892,032	93 024,416	5,854	5,394
34	27	98 102	69 943,927	2 450 219,483	35,031	34,571	84	77	32 688	14 170,687	77 132,384	5,443	4,983
35	28	98 012	69 188,231	2 380 275,556	34,403	33,943	85	78	29 047	12 467,771	62 961,698	5,050	4,590
36	29	97 915	68 435,189	2 311 087,325	33,770	33,310	86	79	25 377	10 784,687	50 493,927	4,682	4,222
37	30	97 804	67 681,070	2 242 652,136	33,136	32,676	87	80	21 775	9 162,209	39 709,240	4,334	3,874
38	31	97 679	66 925,183	2 174 971,066	32,499	32,039	88	81	18 297	7 622,379	30 547,031	4,008	3,548
39	32	97 548	66 173,916	2 108 045,883	31,856	31,396	89	82	14 981	6 179,284	22 924,653	3,710	3,250
40	33	97 403	65 421,096	2 041 871,967	31,211	30,751	90	83	11 918	4 867,403	16 745,369	3,440	2,980
41	34	97 248	64 670,544	1 976 450,871	30,562	30,102	91	84	9 196	3 718,211	11 877,966	3,195	2,735
42	35	97 070	63 912,938	1 911 780,327	29,912	29,452	92	85	6 881	2 754,899	8 159,755	2,962	2,502
43	36	96 888	63 161,114	1 847 867,389	29,256	28,796	93	86	4 947	1 960,808	5 404,856	2,756	2,296
44	37	96 687	62 406,259	1 784 706,274	28,598	28,138	94	87	3 417	1 340,850	3 444,048	2,569	2,109
45	38	96 471	61 650,100	1 722 300,015	27,937	27,477	95	88	2 247	873,212	2 103,198	2,409	1,949
46	39	96 236	60 891,229	1 660 649,915	27,272	26,812	96	89	1 413	543,589	1 229,985	2,263	1,803
47	40	95 975	60 124,842	1 599 758,687	26,607	26,147	97	90	844	321,392	686,396	2,136	1,676
48	41	95 691	59 353,145	1 539 633,845	25,940	25,480	98	91	480	181,036	365,005	2,016	1,556
49	42	95 370	58 568,308	1 480 280,700	25,274	24,814	99	92	259	96,873	183,968	1,899	1,439
							100	93	130	48,235	87,095	1,806	1,346

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	57 818,124	1 431 005,850	24,750	24,290
1							51	43	94 707	57 015,676	1 373 187,726	24,084	23,624
2							52	44	94 284	56 198,804	1 316 172,050	23,420	22,960
3							53	45	93 819	55 367,616	1 259 973,247	22,757	22,297
4							54	46	93 295	54 513,269	1 204 605,631	22,097	21,637
5							55	47	92 717	53 639,621	1 150 092,362	21,441	20,981
6							56	48	92 070	52 737,905	1 096 452,741	20,791	20,331
7							57	49	91 348	51 806,309	1 043 714,836	20,146	19,687
8	0	99 573	91 954,171	4 563 039,410	49,623	49,163	58	50	90 550	50 844,982	991 908,527	19,508	19,049
9	1	99 278	90 773,533	4 471 085,239	49,255	48,795	59	51	89 685	49 860,625	941 063,545	18,874	18,414
10	2	99 248	89 847,583	4 380 311,706	48,753	48,293	60	52	88 721	48 836,354	891 202,920	18,249	17,789
11	3	99 227	88 939,690	4 290 464,122	48,240	47,780	61	53	87 679	47 785,279	842 366,566	17,628	17,168
12	4	99 210	88 044,235	4 201 524,432	47,721	47,261	62	54	86 536	46 694,960	794 581,287	17,016	16,556
13	5	99 193	87 156,769	4 113 480,198	47,196	46,736	63	55	85 283	45 563,405	747 886,327	16,414	15,954
14	6	99 177	86 279,949	4 026 323,429	46,666	46,206	64	56	83 916	44 389,280	702 322,922	15,822	15,362
15	7	99 157	85 408,902	3 940 043,480	46,132	45,672	65	57	82 450	43 182,109	657 933,642	15,236	14,776
16	8	99 137	84 546,099	3 854 634,579	45,592	45,132	66	58	80 880	41 940,061	614 751,533	14,658	14,198
17	9	99 107	83 683,836	3 770 088,480	45,052	44,592	67	59	79 189	40 656,823	572 811,471	14,089	13,629
18	10	99 075	82 828,788	3 686 404,644	44,506	44,046	68	60	77 397	39 343,290	532 154,648	13,526	13,066
19	11	99 032	81 972,488	3 603 575,856	43,961	43,501	69	61	75 488	37 992,975	492 811,358	12,971	12,511
20	12	98 984	81 121,889	3 521 603,368	43,411	42,951	70	62	73 484	36 618,037	454 818,383	12,421	11,961
21	13	98 937	80 280,486	3 440 481,479	42,856	42,396	71	63	71 390	35 222,379	418 200,345	11,873	11,413
22	14	98 889	79 447,201	3 360 200,993	42,295	41,835	72	64	69 139	33 774,097	382 977,966	11,339	10,879
23	15	98 839	78 620,365	3 280 753,791	41,729	41,269	73	65	66 823	32 319,552	349 203,869	10,805	10,345
24	16	98 786	77 800,229	3 202 133,426	41,158	40,698	74	66	64 376	30 827,965	316 884,317	10,279	9,819
25	17	98 728	76 984,802	3 124 333,197	40,584	40,124	75	67	61 823	29 311,954	286 056,352	9,759	9,299
26	18	98 671	76 179,032	3 047 348,395	40,002	39,542	76	68	59 147	27 765,783	256 744,398	9,247	8,787
27	19	98 612	75 379,309	2 971 169,364	39,416	38,956	77	69	56 351	26 191,401	228 978,614	8,743	8,283
28	20	98 551	74 587,152	2 895 790,054	38,824	38,364	78	70	53 458	24 600,641	202 787,213	8,243	7,783
29	21	98 490	73 802,427	2 821 202,902	38,226	37,766	79	71	50 426	22 975,764	178 186,572	7,755	7,295
30	22	98 424	73 023,260	2 747 400,475	37,624	37,164	80	72	47 270	21 324,144	155 210,808	7,279	6,819
31	23	98 356	72 249,951	2 674 377,216	37,016	36,556	81	73	43 965	19 637,226	133 886,664	6,818	6,358
32	24	98 283	71 481,877	2 602 127,265	36,403	35,943	82	74	40 541	17 928,282	114 249,438	6,373	5,913
33	25	98 207	70 719,281	2 530 645,388	35,784	35,324	83	75	37 041	16 218,345	96 321,157	5,939	5,479
34	26	98 119	69 956,396	2 459 926,108	35,164	34,704	84	76	33 428	14 491,660	80 102,812	5,528	5,068
35	27	98 033	69 202,746	2 389 969,711	34,536	34,076	85	77	29 760	12 773,549	65 611,152	5,136	4,677
36	28	97 938	68 451,480	2 320 766,965	33,904	33,444	86	78	26 087	11 086,318	52 837,603	4,766	4,306
37	29	97 828	67 697,775	2 252 315,485	33,270	32,810	87	79	22 467	9 453,454	41 751,285	4,417	3,957
38	30	97 707	66 944,114	2 184 617,710	32,633	32,173	88	80	18 965	7 900,979	32 297,831	4,088	3,628
39	31	97 580	66 195,231	2 117 673,596	31,991	31,531	89	81	15 612	6 439,540	24 396,851	3,789	3,329
40	32	97 436	65 443,079	2 051 478,365	31,348	30,888	90	82	12 506	5 107,465	17 957,312	3,516	3,056
41	33	97 283	64 693,201	1 986 035,286	30,699	30,239	91	83	9 733	3 935,431	12 849,846	3,265	2,805
42	34	97 107	63 937,349	1 921 342,084	30,050	29,590	92	84	7 350	2 942,601	8 914,415	3,029	2,569
43	35	96 933	63 190,620	1 857 404,736	29,394	28,934	93	85	5 340	2 116,803	5 971,814	2,821	2,361
44	36	96 733	62 436,032	1 794 214,115	28,737	28,277	94	86	3 735	1 465,856	3 855,011	2,630	2,170
45	37	96 519	61 681,245	1 731 778,083	28,076	27,616	95	87	2 494	969,261	2 389,155	2,465	2,005
46	38	96 289	60 924,988	1 670 096,838	27,412	26,952	96	88	1 593	613,050	1 419,894	2,316	1,856
47	39	96 038	60 163,987	1 609 171,851	26,746	26,286	97	89	968	368,910	806,844	2,187	1,727
48	40	95 751	59 390,747	1 549 007,863	26,082	25,622	98	90	563	212,264	437,934	2,063	1,603
49	41	95 440	58 611,267	1 489 617,116	25,415	24,955	99	91	311	116,145	225,670	1,943	1,483
							100	92	161	59,399	109,525	1,844	1,384

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	57 860,532	1 439 534,809	24,879	24,419
1							51	42	94 784	57 061,716	1 381 674,276	24,214	23,754
2							52	43	94 369	56 249,186	1 324 612,560	23,549	23,089
3							53	44	93 907	55 420,035	1 268 363,374	22,886	22,426
4							54	45	93 395	54 571,970	1 212 943,339	22,226	21,767
5							55	46	92 827	53 703,215	1 158 371,370	21,570	21,110
6							56	47	92 190	52 806,520	1 104 668,154	20,919	20,459
7							57	48	91 487	51 885,024	1 051 861,634	20,273	19,813
8							58	49	90 703	50 930,753	999 976,610	19,634	19,174
9	0	99 566	91 036,800	4 480 474,600	49,216	48,756	59	50	89 850	49 952,733	949 045,857	18,999	18,539
10	1	99 270	89 867,571	4 389 437,801	48,843	48,383	60	51	88 905	48 937,974	899 093,124	18,372	17,912
11	2	99 240	88 951,379	4 299 570,230	48,336	47,876	61	52	87 873	47 890,851	850 155,150	17,752	17,292
12	3	99 220	88 053,013	4 210 618,851	47,819	47,359	62	53	86 751	46 810,984	802 264,299	17,138	16,678
13	4	99 202	87 164,792	4 122 565,837	47,296	46,836	63	54	85 519	45 689,246	755 453,315	16,535	16,075
14	5	99 183	86 285,811	4 035 401,045	46,768	46,308	64	55	84 178	44 527,868	709 764,069	15,940	15,480
15	6	99 164	85 415,138	3 949 115,234	46,234	45,774	65	56	82 730	43 328,629	665 236,201	15,353	14,893
16	7	99 142	84 550,126	3 863 700,096	45,697	45,237	66	57	81 185	42 098,194	621 907,573	14,773	14,313
17	8	99 114	83 689,867	3 779 149,970	45,157	44,697	67	58	79 521	40 827,219	579 809,378	14,202	13,742
18	9	99 081	82 833,191	3 695 460,102	44,613	44,153	68	59	77 757	39 526,474	538 982,159	13,636	13,176
19	10	99 037	81 977,045	3 612 626,912	44,069	43,609	69	60	75 877	38 188,761	499 455,685	13,079	12,619
20	11	98 992	81 128,129	3 530 649,867	43,519	43,059	70	61	73 897	36 823,742	461 266,924	12,526	12,066
21	12	98 943	80 285,560	3 449 521,738	42,966	42,506	71	62	71 830	35 439,336	424 443,182	11,977	11,517
22	13	98 897	79 453,481	3 369 236,178	42,405	41,945	72	63	69 610	34 003,970	389 003,846	11,440	10,980
23	14	98 848	78 627,619	3 289 782,697	41,840	41,380	73	64	67 322	32 560,788	354 999,876	10,903	10,443
24	15	98 797	77 809,237	3 211 155,078	41,270	40,810	74	65	64 896	31 077,007	322 439,088	10,375	9,916
25	16	98 740	76 994,645	3 133 345,841	40,696	40,236	75	66	62 369	29 570,929	291 362,081	9,853	9,393
26	17	98 684	76 188,910	3 056 351,197	40,115	39,655	76	67	59 706	28 028,068	261 791,151	9,340	8,880
27	18	98 628	75 391,547	2 980 162,287	39,529	39,069	77	68	56 932	26 461,413	233 763,084	8,834	8,374
28	19	98 568	74 599,414	2 904 770,740	38,938	38,478	78	69	54 083	24 888,005	207 301,671	8,329	7,869
29	20	98 506	73 814,509	2 830 171,326	38,342	37,882	79	70	51 067	23 267,816	182 413,666	7,840	7,380
30	21	98 441	73 035,661	2 756 356,817	37,740	37,280	80	71	47 932	21 622,853	159 145,850	7,360	6,900
31	22	98 372	72 262,075	2 683 321,156	37,133	36,673	81	72	44 633	19 935,215	137 522,997	6,898	6,439
32	23	98 299	71 493,570	2 611 059,081	36,522	36,062	82	73	41 231	18 233,437	117 587,781	6,449	5,989
33	24	98 223	70 730,900	2 539 565,511	35,905	35,445	83	74	37 727	16 518,858	99 354,344	6,015	5,555
34	25	98 138	69 969,999	2 468 834,612	35,284	34,824	84	75	34 115	14 789,219	82 835,487	5,601	5,141
35	26	98 050	69 215,083	2 398 864,612	34,658	34,198	85	76	30 434	13 062,877	68 046,268	5,209	4,749
36	27	97 959	68 465,841	2 329 649,529	34,026	33,566	86	77	26 727	11 358,216	54 983,391	4,841	4,381
37	28	97 852	67 713,891	2 261 183,689	33,393	32,933	87	78	23 096	9 717,853	43 625,175	4,489	4,029
38	29	97 731	66 960,637	2 193 469,798	32,758	32,298	88	79	19 568	8 152,133	33 907,322	4,159	3,699
39	30	97 607	66 213,956	2 126 509,161	32,116	31,656	89	80	16 183	6 674,907	25 755,189	3,859	3,399
40	31	97 467	65 464,159	2 060 295,205	31,472	31,012	90	81	13 033	5 322,579	19 080,282	3,585	3,125
41	32	97 315	64 714,939	1 994 831,046	30,825	30,365	91	82	10 213	4 129,528	13 757,703	3,332	2,872
42	33	97 141	63 959,749	1 930 116,107	30,177	29,717	92	83	7 780	3 114,509	9 628,175	3,091	2,631
43	34	96 970	63 214,755	1 866 156,358	29,521	29,061	93	84	5 704	2 261,030	6 513,666	2,881	2,421
44	35	96 778	62 465,200	1 802 941,602	28,863	28,403	94	85	4 032	1 582,475	4 252,636	2,687	2,227
45	36	96 566	61 710,672	1 740 476,403	28,204	27,744	95	86	2 727	1 059,624	2 670,161	2,520	2,060
46	37	96 338	60 955,766	1 678 765,731	27,541	27,081	96	87	1 769	680,482	1 610,537	2,367	1,907
47	38	96 091	60 197,343	1 617 809,964	26,875	26,415	97	88	1 092	416,050	930,055	2,235	1,775
48	39	95 814	59 429,415	1 557 612,622	26,209	25,749	98	89	646	243,647	514,005	2,110	1,650
49	40	95 500	58 648,398	1 498 183,207	25,545	25,085	99	90	365	136,179	270,358	1,985	1,525
							100	91	193	71,216	134,179	1,884	1,424

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	40	95 220	57 897,188	1 447 355,036	24,999	24,539
							51	41	94 853	57 103,570	1 389 457,847	24,332	23,872
							52	42	94 445	56 294,607	1 332 354,277	23,668	23,208
							53	43	93 992	55 469,719	1 276 059,670	23,005	22,545
							54	44	93 483	54 623,636	1 220 589,951	22,345	21,885
							55	45	92 927	53 761,044	1 165 966,315	21,688	21,228
							56	46	92 299	52 869,127	1 112 205,271	21,037	20,577
							57	47	91 606	51 952,529	1 059 336,144	20,390	19,930
							58	48	90 840	51 008,138	1 007 383,615	19,749	19,289
							59	49	90 002	50 036,998	956 375,477	19,113	18,653
10	0	99 558	90 128,210	4 398 072,490	48,798	48,338	60	50	89 070	49 028,377	906 338,478	18,486	18,026
11	1	99 262	88 971,167	4 307 944,280	48,420	47,960	61	51	88 056	47 990,503	857 310,101	17,864	17,404
12	2	99 233	88 064,585	4 218 973,113	47,908	47,448	62	52	86 942	46 914,403	809 319,597	17,251	16,791
13	3	99 212	87 173,484	4 130 908,527	47,387	46,927	63	53	85 731	45 802,772	762 405,194	16,645	16,185
14	4	99 192	86 293,755	4 043 735,044	46,860	46,400	64	54	84 411	44 650,848	716 602,422	16,049	15,589
15	5	99 171	85 420,942	3 957 441,289	46,329	45,869	65	55	82 989	43 463,905	671 951,574	15,460	15,000
16	6	99 149	84 556,300	3 872 020,347	45,792	45,332	66	56	81 460	42 241,036	628 487,669	14,879	14,419
17	7	99 119	83 693,853	3 787 464,047	45,254	44,794	67	57	79 821	40 981,156	586 246,633	14,305	13,845
18	8	99 088	82 839,161	3 703 770,193	44,710	44,250	68	58	78 083	39 692,132	545 265,477	13,737	13,277
19	9	99 042	81 981,402	3 620 931,033	44,168	43,708	69	59	76 230	38 366,570	505 573,345	13,177	12,717
20	10	98 997	81 132,639	3 538 949,630	43,619	43,159	70	60	74 277	37 013,503	467 206,775	12,623	12,163
21	11	98 951	80 291,735	3 457 816,991	43,066	42,606	71	61	72 233	35 638,418	430 193,272	12,071	11,611
22	12	98 903	79 458,503	3 377 525,256	42,507	42,047	72	62	70 038	34 213,422	394 554,853	11,532	11,072
23	13	98 856	78 633,834	3 298 066,753	41,942	41,482	73	63	67 780	32 782,404	360 341,431	10,992	10,532
24	14	98 806	77 816,415	3 219 432,920	41,372	40,912	74	64	65 381	31 308,969	327 559,028	10,462	10,002
25	15	98 752	77 003,560	3 141 616,504	40,798	40,338	75	65	62 873	29 809,816	296 250,059	9,938	9,478
26	16	98 697	76 198,651	3 064 612,945	40,219	39,759	76	66	60 233	28 275,700	266 440,243	9,423	8,963
27	17	98 641	75 401,323	2 988 414,294	39,633	39,173	77	67	57 470	26 711,376	238 164,544	8,916	8,456
28	18	98 584	74 611,539	2 913 012,971	39,042	38,582	78	68	54 640	25 144,579	211 453,167	8,409	7,950
29	19	98 522	73 826,643	2 838 401,446	38,447	37,987	79	69	51 664	23 539,612	186 308,588	7,915	7,455
30	20	98 457	73 047,617	2 764 574,802	37,846	37,386	80	70	48 541	21 897,708	162 768,976	7,433	6,973
31	21	98 389	72 274,347	2 691 527,185	37,240	36,780	81	71	45 258	20 214,468	140 871,268	6,969	6,509
32	22	98 316	71 505,567	2 619 252,838	36,630	36,170	82	72	41 856	18 510,125	120 656,801	6,518	6,058
33	23	98 239	70 742,470	2 547 747,271	36,014	35,554	83	73	38 369	16 800,024	102 146,676	6,080	5,620
34	24	98 154	69 981,495	2 477 004,801	35,395	34,935	84	74	34 747	15 063,251	85 346,653	5,666	5,206
35	25	98 069	69 228,542	2 407 023,306	34,769	34,309	85	75	31 059	13 331,098	70 283,401	5,272	4,812
36	26	97 976	68 478,046	2 337 794,763	34,139	33,679	86	76	27 332	11 615,485	56 952,303	4,903	4,443
37	27	97 872	67 728,096	2 269 316,717	33,506	33,046	87	77	23 662	9 956,188	45 336,818	4,554	4,094
38	28	97 754	66 976,577	2 201 588,621	32,871	32,411	88	78	20 116	8 380,136	35 380,630	4,222	3,762
39	29	97 632	66 230,299	2 134 612,044	32,230	31,770	89	79	16 697	6 887,087	27 000,494	3,920	3,460
40	30	97 495	65 482,676	2 068 381,745	31,587	31,127	90	80	13 509	5 517,121	20 113,407	3,646	3,186
41	31	97 347	64 735,785	2 002 899,069	30,940	30,480	91	81	10 643	4 303,454	14 596,286	3,392	2,932
42	32	97 174	63 981,241	1 938 163,284	30,293	29,833	92	82	8 163	3 268,118	10 292,832	3,149	2,689
43	33	97 004	63 236,903	1 874 182,043	29,637	29,177	93	83	6 037	2 393,120	7 024,714	2,935	2,475
44	34	96 815	62 489,057	1 810 945,140	28,980	28,520	94	84	4 307	1 690,295	4 631,594	2,740	2,280
45	35	96 611	61 739,500	1 748 456,083	28,320	27,860	95	85	2 944	1 143,924	2 941,299	2,571	2,111
46	36	96 384	60 984,847	1 686 716,583	27,658	27,198	96	86	1 934	743,923	1 797,374	2,416	1,956
47	37	96 139	60 227,754	1 625 731,735	26,993	26,533	97	87	1 212	461,813	1 053,451	2,281	1,821
48	38	95 867	59 462,363	1 565 503,981	26,328	25,868	98	88	729	274,781	591,638	2,153	1,693
49	39	95 562	58 686,583	1 506 041,618	25,662	25,202	99	89	419	156,314	316,858	2,027	1,567
							100	90	226	83,500	160,544	1,923	1,463

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	39	95 282	57 934,884	1 454 526,035	25,106	24,646
1							51	40	94 914	57 139,747	1 396 591,151	24,442	23,982
2							52	41	94 514	56 335,898	1 339 451,405	23,776	23,316
3							53	42	94 067	55 514,511	1 283 115,506	23,113	22,653
4							54	43	93 567	54 672,606	1 227 600,996	22,454	21,994
5							55	44	93 015	53 811,942	1 172 928,390	21,797	21,337
6							56	45	92 399	52 926,058	1 119 116,448	21,145	20,685
7							57	46	91 715	52 014,124	1 066 190,390	20,498	20,038
8							58	47	90 959	51 074,503	1 014 176,266	19,857	19,397
9							59	48	90 139	50 113,025	963 101,763	19,219	18,759
10							60	49	89 220	49 111,084	912 988,738	18,590	18,130
11	0	99 550	89 229,207	4 315 883,271	48,369	47,909	61	50	88 219	48 079,156	863 877,654	17,968	17,508
12	1	99 255	88 084,176	4 226 654,064	47,984	47,524	62	51	87 123	47 012,024	815 798,498	17,353	16,893
13	2	99 225	87 184,940	4 138 569,887	47,469	47,009	63	52	85 920	45 903,963	768 786,474	16,748	16,288
14	3	99 202	86 302,359	4 051 384,948	46,944	46,484	64	53	84 620	44 761,794	722 882,510	16,150	15,690
15	4	99 180	85 428,806	3 965 082,588	46,414	45,954	65	54	83 218	43 583,947	678 120,716	15,559	15,099
16	5	99 156	84 562,045	3 879 653,782	45,879	45,419	66	55	81 714	42 372,917	634 536,769	14,975	14,515
17	6	99 126	83 699,965	3 795 091,737	45,342	44,882	67	56	80 092	41 120,208	592 163,852	14,401	13,941
18	7	99 093	82 843,106	3 711 391,772	44,800	44,340	68	57	78 378	39 841,790	551 043,645	13,831	13,371
19	8	99 050	81 987,311	3 628 548,666	44,257	43,797	69	58	76 550	38 527,367	511 201,855	13,269	12,809
20	9	99 003	81 136,951	3 546 561,355	43,711	43,251	70	59	74 623	37 185,839	472 674,488	12,711	12,251
21	10	98 956	80 296,199	3 465 424,403	43,158	42,698	71	60	72 605	35 822,071	435 488,649	12,157	11,697
22	11	98 911	79 464,614	3 385 128,205	42,599	42,139	72	61	70 432	34 405,618	399 666,578	11,616	11,156
23	12	98 862	78 638,804	3 305 663,590	42,036	41,576	73	62	68 197	32 984,331	365 260,960	11,074	10,614
24	13	98 814	77 822,566	3 227 024,787	41,466	41,006	74	63	65 826	31 522,064	332 276,629	10,541	10,081
25	14	98 761	77 010,664	3 149 202,220	40,893	40,433	75	64	63 342	30 032,319	300 754,565	10,014	9,554
26	15	98 708	76 207,474	3 072 191,557	40,314	39,854	76	65	60 720	28 504,123	270 722,246	9,498	9,038
27	16	98 653	75 410,964	2 995 984,083	39,729	39,269	77	66	57 978	26 947,375	242 218,123	8,989	8,529
28	17	98 596	74 621,200	2 920 573,119	39,139	38,679	78	67	55 156	25 382,103	215 270,748	8,481	8,021
29	18	98 538	73 838,629	2 845 951,919	38,543	38,083	79	68	52 197	23 782,285	189 888,645	7,984	7,524
30	19	98 473	73 059,626	2 772 113,290	37,943	37,483	80	69	49 108	22 153,499	166 106,359	7,498	7,038
31	20	98 405	72 286,179	2 699 053,665	37,338	36,878	81	70	45 833	20 471,420	143 952,861	7,032	6,572
32	21	98 333	71 517,711	2 626 767,486	36,729	36,269	82	71	42 443	18 769,415	123 481,440	6,579	6,119
33	22	98 256	70 754,341	2 555 249,775	36,114	35,654	83	72	38 952	17 054,959	104 712,026	6,140	5,680
34	23	98 170	69 992,943	2 484 495,434	35,496	35,036	84	73	35 338	15 319,641	87 657,066	5,722	5,262
35	24	98 085	69 239,916	2 414 502,491	34,872	34,412	85	74	31 634	13 578,113	72 337,425	5,328	4,868
36	25	97 995	68 491,362	2 345 262,575	34,242	33,782	86	75	27 893	11 853,987	58 759,312	4,957	4,497
37	26	97 890	67 740,170	2 276 771,213	33,610	33,150	87	76	24 198	10 181,701	46 905,325	4,607	4,147
38	27	97 775	66 990,628	2 209 031,043	32,975	32,515	88	77	20 609	8 585,663	36 723,624	4,277	3,817
39	28	97 655	66 246,065	2 142 040,415	32,335	31,875	89	78	17 164	7 079,708	28 137,961	3,974	3,514
40	29	97 519	65 498,839	2 075 794,350	31,692	31,232	90	79	13 939	5 692,497	21 058,253	3,699	3,239
41	30	97 374	64 754,096	2 010 295,511	31,045	30,585	91	80	11 032	4 460,746	15 365,755	3,445	2,985
42	31	97 205	64 001,850	1 945 541,414	30,398	29,938	92	81	8 507	3 405,763	10 905,009	3,202	2,742
43	32	97 037	63 258,152	1 881 539,565	29,744	29,284	93	82	6 335	2 511,150	7 499,246	2,986	2,526
44	33	96 849	62 510,950	1 818 281,413	29,087	28,627	94	83	4 559	1 789,043	4 988,096	2,788	2,328
45	34	96 648	61 763,081	1 755 770,462	28,428	27,968	95	84	3 145	1 221,864	3 199,053	2,618	2,158
46	35	96 429	61 013,337	1 694 007,381	27,765	27,305	96	85	2 087	803,107	1 977,188	2,462	2,002
47	36	96 185	60 256,488	1 632 994,044	27,101	26,641	97	86	1 325	504,867	1 174,081	2,326	1,866
48	37	95 915	59 492,403	1 572 737,557	26,436	25,976	98	87	809	305,005	669,214	2,194	1,734
49	38	95 615	58 719,119	1 513 245,154	25,771	25,311	99	88	472	176,288	364,209	2,066	1,606
							100	89	259	95,846	187,921	1,961	1,501

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	57 967,004	1 461 097,128	25,206	24,746
1							51	39	94 975	57 176,949	1 403 130,124	24,540	24,080
2							52	40	94 574	56 371,589	1 345 953,176	23,876	23,416
3							53	41	94 136	55 555,230	1 289 581,587	23,213	22,753
4							54	42	93 643	54 716,754	1 234 026,357	22,553	22,093
5							55	43	93 099	53 860,184	1 179 309,603	21,896	21,436
6							56	44	92 486	52 976,165	1 125 449,419	21,244	20,784
7							57	45	91 814	52 070,134	1 072 473,254	20,597	20,137
8							58	46	91 066	51 135,056	1 020 403,120	19,955	19,495
9							59	47	90 256	50 178,225	969 268,064	19,317	18,857
10							60	48	89 356	49 185,704	919 089,838	18,686	18,226
11							61	49	88 368	48 160,262	869 904,134	18,063	17,603
12	0	99 543	88 339,643	4 233 952,775	47,928	47,468	62	50	87 284	47 098,870	821 743,873	17,447	16,987
13	1	99 247	87 204,335	4 145 613,131	47,539	47,079	63	51	86 099	45 999,482	774 645,003	16,840	16,380
14	2	99 215	86 313,701	4 058 408,796	47,019	46,559	64	52	84 807	44 860,686	728 645,522	16,242	15,782
15	3	99 190	85 437,324	3 972 095,095	46,491	46,031	65	53	83 425	43 692,242	683 784,836	15,650	15,190
16	4	99 165	84 569,830	3 886 657,771	45,958	45,498	66	54	81 940	42 489,946	640 092,594	15,065	14,605
17	5	99 133	83 705,652	3 802 087,941	45,422	44,962	67	55	80 342	41 248,589	597 602,648	14,488	14,028
18	6	99 100	82 849,156	3 718 382,289	44,881	44,421	68	56	78 644	39 976,975	556 354,059	13,917	13,457
19	7	99 054	81 991,216	3 635 533,133	44,341	43,881	69	57	76 838	38 672,632	516 377,084	13,353	12,893
20	8	99 010	81 142,799	3 553 541,917	43,794	43,334	70	58	74 936	37 341,687	477 704,452	12,793	12,333
21	9	98 962	80 300,467	3 472 399,117	43,243	42,783	71	59	72 943	35 988,860	440 362,764	12,236	11,776
22	10	98 916	79 469,032	3 392 098,651	42,685	42,225	72	60	70 795	34 582,918	404 373,904	11,693	11,233
23	11	98 869	78 644,852	3 312 629,619	42,121	41,661	73	61	68 581	33 169,622	369 790,986	11,148	10,689
24	12	98 820	77 827,485	3 233 984,767	41,553	41,093	74	62	66 231	31 716,228	336 621,363	10,614	10,154
25	13	98 769	77 016,751	3 156 157,282	40,980	40,520	75	63	63 773	30 236,725	304 905,136	10,084	9,624
26	14	98 717	76 214,505	3 079 140,531	40,401	39,941	76	64	61 173	28 716,881	274 668,410	9,565	9,105
27	15	98 665	75 419,695	3 002 926,026	39,816	39,356	77	65	58 446	27 165,067	245 951,530	9,054	8,594
28	16	98 609	74 630,741	2 927 506,331	39,227	38,767	78	66	55 644	25 606,358	218 786,462	8,544	8,084
29	17	98 551	73 848,204	2 852 875,591	38,632	38,172	79	67	52 690	24 006,941	193 180,105	8,047	7,587
30	18	98 489	73 071,487	2 779 027,387	38,032	37,572	80	68	49 614	22 381,883	169 173,164	7,558	7,099
31	19	98 421	72 298,062	2 705 955,900	37,428	36,968	81	69	46 368	20 710,550	146 791,281	7,088	6,628
32	20	98 349	71 529,419	2 633 657,838	36,819	36,359	82	70	42 982	19 007,999	126 080,731	6,633	6,173
33	21	98 273	70 766,357	2 562 128,419	36,205	35,745	83	71	39 497	17 293,865	107 072,732	6,191	5,731
34	22	98 187	70 004,688	2 491 362,062	35,589	35,129	84	72	35 874	15 552,113	89 778,867	5,773	5,313
35	23	98 102	69 251,243	2 421 357,374	34,965	34,505	85	73	32 173	13 809,225	74 226,754	5,375	4,915
36	24	98 011	68 502,615	2 352 106,131	34,336	33,876	86	74	28 410	12 073,632	60 417,529	5,004	4,544
37	25	97 909	67 753,343	2 283 603,516	33,705	33,245	87	75	24 695	10 390,763	48 343,897	4,653	4,193
38	26	97 792	67 002,570	2 215 850,174	33,071	32,611	88	76	21 076	8 780,133	37 953,134	4,323	3,863
39	27	97 675	66 259,963	2 148 847,603	32,431	31,971	89	77	17 585	7 253,342	29 173,002	4,022	3,562
40	28	97 542	65 514,431	2 082 587,640	31,788	31,328	90	78	14 329	5 851,708	21 919,660	3,746	3,286
41	29	97 398	64 770,079	2 017 073,210	31,142	30,682	91	79	11 383	4 602,543	16 067,952	3,491	3,031
42	30	97 233	64 019,954	1 952 303,130	30,495	30,035	92	80	8 818	3 530,245	11 465,409	3,248	2,788
43	31	97 068	63 278,528	1 888 283,177	29,841	29,381	93	81	6 602	2 616,913	7 935,164	3,032	2,572
44	32	96 882	62 531,955	1 825 004,649	29,185	28,725	94	82	4 783	1 877,279	5 318,251	2,833	2,373
45	33	96 681	61 784,720	1 762 472,694	28,526	28,066	95	83	3 328	1 293,246	3 440,971	2,661	2,201
46	34	96 466	61 036,640	1 700 687,974	27,863	27,403	96	84	2 230	857,826	2 147,725	2,504	2,044
47	35	96 230	60 284,637	1 639 651,334	27,198	26,739	97	85	1 431	545,033	1 289,899	2,367	1,907
48	36	95 961	59 520,786	1 579 366,697	26,535	26,075	98	86	884	333,440	744,866	2,234	1,774
49	37	95 663	58 748,784	1 519 845,911	25,870	25,410	99	87	524	195,678	411,425	2,103	1,643
							100	88	292	108,093	215,747	1,996	1,536

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	37	95 383	57 996,288	1 467 116,645	25,297	24,837
1							51	38	95 028	57 208,648	1 409 120,358	24,631	24,171
2							52	39	94 636	56 408,290	1 351 911,709	23,967	23,507
3							53	40	94 196	55 590,426	1 295 503,419	23,304	22,844
4							54	41	93 712	54 756,888	1 239 912,993	22,644	22,184
5							55	42	93 174	53 903,677	1 185 156,106	21,987	21,527
6							56	43	92 569	53 023,658	1 131 252,429	21,335	20,875
7							57	44	91 901	52 119,431	1 078 228,771	20,688	20,228
8							58	45	91 165	51 190,119	1 026 109,340	20,045	19,585
9							59	46	90 363	50 237,716	974 919,220	19,406	18,946
10							60	47	89 472	49 249,697	924 681,504	18,775	18,315
11							61	48	88 502	48 233,437	875 431,807	18,150	17,690
12							62	49	87 431	47 178,321	827 198,370	17,533	17,073
13	0	99 535	87 457,250	4 152 323,171	47,478	47,018	63	50	86 258	46 084,457	780 020,049	16,926	16,466
14	1	99 237	86 332,903	4 064 865,921	47,084	46,624	64	51	84 984	44 954,033	733 935,592	16,326	15,866
15	2	99 203	85 448,552	3 978 533,018	46,561	46,101	65	52	83 609	43 788,771	688 981,559	15,734	15,274
16	3	99 175	84 578,263	3 893 084,466	46,029	45,569	66	53	82 144	42 595,522	645 192,788	15,147	14,687
17	4	99 142	83 713,358	3 808 506,203	45,495	45,035	67	54	80 564	41 362,513	602 597,266	14,569	14,109
18	5	99 107	82 854,785	3 724 792,845	44,956	44,496	68	55	78 889	40 101,787	561 234,753	13,995	13,535
19	6	99 062	81 997,203	3 641 938,060	44,415	43,955	69	56	77 099	38 803,851	521 132,966	13,430	12,970
20	7	99 014	81 146,664	3 559 940,856	43,870	43,410	70	57	75 218	37 482,483	482 329,115	12,868	12,408
21	8	98 969	80 306,254	3 478 794,192	43,319	42,859	71	58	73 249	36 139,692	444 846,633	12,309	11,849
22	9	98 922	79 473,256	3 398 487,938	42,763	42,303	72	59	71 124	34 743,938	408 706,940	11,763	11,303
23	10	98 875	78 649,224	3 319 014,682	42,200	41,740	73	60	68 934	33 340,553	373 963,003	11,216	10,756
24	11	98 828	77 833,471	3 240 365,458	41,632	41,172	74	61	66 603	31 894,396	340 622,450	10,680	10,220
25	12	98 775	77 021,619	3 162 531,987	41,060	40,600	75	62	64 166	30 422,972	308 728,054	10,148	9,688
26	13	98 725	76 220,529	3 085 510,368	40,481	40,021	76	63	61 590	28 912,333	278 305,082	9,626	9,166
27	14	98 674	75 426,653	3 009 289,839	39,897	39,437	77	64	58 882	27 367,830	249 392,749	9,113	8,653
28	15	98 620	74 639,382	2 933 863,186	39,307	38,847	78	65	56 093	25 813,217	222 024,919	8,601	8,141
29	16	98 563	73 857,646	2 859 223,804	38,713	38,253	79	66	53 155	24 219,045	196 211,702	8,102	7,642
30	17	98 502	73 080,962	2 785 366,159	38,113	37,653	80	67	50 083	22 593,310	171 992,656	7,613	7,153
31	18	98 437	72 309,800	2 712 285,197	37,509	37,049	81	68	46 847	20 924,059	149 399,347	7,140	6,680
32	19	98 365	71 541,178	2 639 975,397	36,901	36,442	82	69	43 484	19 230,034	128 475,288	6,681	6,221
33	20	98 289	70 777,942	2 568 434,219	36,289	35,829	83	70	39 999	17 513,693	109 245,254	6,238	5,778
34	21	98 204	70 016,577	2 497 656,277	35,672	35,212	84	71	36 377	15 769,967	91 731,561	5,817	5,357
35	22	98 118	69 262,864	2 427 639,700	35,050	34,590	85	72	32 661	14 018,776	75 961,594	5,419	4,959
36	23	98 027	68 513,821	2 358 376,837	34,422	33,962	86	73	28 894	12 279,137	61 942,818	5,045	4,585
37	24	97 925	67 764,474	2 289 863,016	33,791	33,332	87	74	25 152	10 583,295	49 663,681	4,693	4,233
38	25	97 811	67 015,599	2 222 098,542	33,158	32,698	88	75	21 508	8 960,416	39 080,386	4,361	3,901
39	26	97 693	66 271,775	2 155 082,943	32,519	32,059	89	76	17 983	7 417,634	30 119,970	4,061	3,601
40	27	97 563	65 528,175	2 088 811,168	31,877	31,417	90	77	14 680	5 995,224	22 702,336	3,787	3,327
41	28	97 421	64 785,497	2 023 282,993	31,230	30,771	91	78	11 701	4 731,269	16 707,112	3,531	3,071
42	29	97 257	64 035,756	1 958 497,495	30,584	30,124	92	79	9 098	3 642,464	11 975,843	3,288	2,828
43	30	97 095	63 296,427	1 894 461,740	29,930	29,470	93	80	6 843	2 712,562	8 333,380	3,072	2,612
44	31	96 913	62 552,097	1 831 165,313	29,274	28,814	94	81	4 985	1 956,346	5 620,817	2,873	2,413
45	32	96 714	61 805,481	1 768 613,215	28,616	28,156	95	82	3 492	1 357,030	3 664,472	2,700	2,240
46	33	96 500	61 058,024	1 706 807,734	27,954	27,494	96	83	2 360	907,941	2 307,442	2,541	2,081
47	34	96 267	60 307,662	1 645 749,710	27,289	26,829	97	84	1 528	582,168	1 399,501	2,404	1,944
48	35	96 006	59 548,591	1 585 442,048	26,624	26,164	98	85	954	359,968	817,333	2,271	1,811
49	36	95 709	58 776,812	1 525 893,457	25,961	25,501	99	86	573	213,921	457,365	2,138	1,678
							100	87	325	119,983	243,444	2,029	1,569

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	36	95 428	58 023,957	1 472 630,323	25,380	24,920
							51	37	95 076	57 237,550	1 414 606,367	24,715	24,255
							52	38	94 688	56 439,564	1 357 368,817	24,050	23,590
							53	39	94 257	55 626,619	1 300 929,253	23,387	22,927
							54	40	93 771	54 791,578	1 245 302,634	22,728	22,268
							55	41	93 242	53 943,214	1 190 511,057	22,070	21,610
							56	42	92 644	53 066,475	1 136 567,843	21,418	20,958
							57	43	91 983	52 166,156	1 083 501,368	20,770	20,310
							58	44	91 251	51 238,583	1 031 335,212	20,128	19,668
							59	45	90 460	50 291,813	980 096,628	19,488	19,028
							60	46	89 578	49 308,087	929 804,815	18,857	18,397
							61	47	88 617	48 296,191	880 496,727	18,231	17,771
							62	48	87 564	47 250,004	832 200,536	17,613	17,153
							63	49	86 404	46 162,197	784 950,531	17,004	16,544
14	0	99 525	86 583,290	4 071 035,048	47,019	46,559	64	50	85 141	45 037,077	738 788,335	16,404	15,944
15	1	99 225	85 467,561	3 984 451,758	46,619	46,159	65	51	83 783	43 879,888	693 751,258	15,810	15,350
16	2	99 188	84 589,378	3 898 984,196	46,093	45,633	66	52	82 325	42 689,628	649 871,370	15,223	14,763
17	3	99 152	83 721,705	3 814 394,818	45,560	45,100	67	53	80 764	41 465,288	607 181,742	14,643	14,183
18	4	99 116	82 862,413	3 730 673,113	45,023	44,563	68	54	79 107	40 212,544	565 716,454	14,068	13,608
19	5	99 068	82 002,775	3 647 810,700	44,484	44,024	69	55	77 340	38 925,000	525 503,911	13,500	13,040
20	6	99 022	81 152,590	3 565 807,925	43,940	43,480	70	56	75 474	37 609,663	486 578,910	12,938	12,478
21	7	98 973	80 310,079	3 484 655,336	43,390	42,930	71	57	73 525	36 275,955	448 969,247	12,376	11,917
22	8	98 929	79 478,984	3 404 345,256	42,833	42,373	72	58	71 422	34 889,552	412 693,292	11,829	11,369
23	9	98 880	78 653,404	3 324 866,272	42,272	41,812	73	59	69 255	33 495,788	377 803,741	11,279	10,819
24	10	98 833	77 837,798	3 246 212,868	41,705	41,245	74	60	66 947	32 058,755	344 307,953	10,740	10,280
25	11	98 783	77 027,543	3 168 375,070	41,133	40,673	75	61	64 526	30 593,875	312 249,198	10,206	9,746
26	12	98 731	76 225,346	3 091 347,527	40,555	40,095	76	62	61 969	29 090,423	281 655,323	9,682	9,222
27	13	98 682	75 432,615	3 015 122,181	39,971	39,511	77	63	59 283	27 554,101	252 564,900	9,166	8,706
28	14	98 629	74 646,268	2 939 689,566	39,382	38,922	78	64	56 512	26 005,889	225 010,799	8,652	8,192
29	15	98 575	73 866,197	2 865 043,298	38,787	38,327	79	65	53 585	24 414,697	199 004,910	8,151	7,691
30	16	98 515	73 090,306	2 791 177,101	38,188	37,728	80	66	50 525	22 792,925	174 590,213	7,660	7,200
31	17	98 450	72 319,176	2 718 086,795	37,585	37,125	81	67	47 289	21 121,714	151 797,288	7,187	6,727
32	18	98 381	71 552,792	2 645 767,619	36,976	36,516	82	68	43 933	19 428,280	130 675,574	6,726	6,266
33	19	98 305	70 789,578	2 574 214,827	36,364	35,904	83	69	40 466	17 718,274	111 247,294	6,279	5,819
34	20	98 220	70 028,039	2 503 425,249	35,749	35,289	84	70	36 839	15 970,424	93 529,021	5,856	5,396
35	21	98 135	69 274,626	2 433 397,210	35,127	34,667	85	71	33 118	14 215,151	77 558,597	5,456	4,996
36	22	98 044	68 525,318	2 364 122,584	34,500	34,040	86	72	29 332	12 465,469	63 343,446	5,082	4,622
37	23	97 941	67 775,560	2 295 597,266	33,871	33,411	87	73	25 581	10 763,433	50 877,977	4,727	4,267
38	24	97 827	67 026,610	2 227 821,706	33,238	32,778	88	74	21 907	9 126,445	40 114,544	4,395	3,935
39	25	97 712	66 284,662	2 160 795,097	32,599	32,139	89	75	18 352	7 569,941	30 988,099	4,094	3,634
40	26	97 580	65 539,857	2 094 510,435	31,958	31,498	90	76	15 013	6 131,019	23 418,158	3,820	3,360
41	27	97 442	64 799,089	2 028 970,578	31,312	30,852	91	77	11 988	4 847,306	17 287,139	3,566	3,106
42	28	97 280	64 050,999	1 964 171,489	30,666	30,206	92	78	9 353	3 744,338	12 439,833	3,322	2,862
43	29	97 119	63 312,050	1 900 120,490	30,012	29,552	93	79	7 061	2 798,788	8 695,495	3,107	2,647
44	30	96 940	62 569,791	1 836 808,440	29,356	28,896	94	80	5 167	2 027,851	5 896,707	2,908	2,448
45	31	96 745	61 825,389	1 774 238,649	28,698	28,238	95	81	3 639	1 414,184	3 868,856	2,736	2,276
46	32	96 532	61 078,541	1 712 413,260	28,036	27,576	96	82	2 476	952,721	2 454,672	2,576	2,117
47	33	96 301	60 328,791	1 651 334,719	27,372	26,912	97	83	1 618	616,179	1 501,951	2,438	1,978
48	34	96 042	59 571,335	1 591 005,928	26,708	26,248	98	84	1 019	384,494	885,772	2,304	1,844
49	35	95 754	58 804,270	1 531 434,593	26,043	25,583	99	85	618	230,940	501,278	2,171	1,711
							100	86	355	131,169	270,338	2,061	1,601

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	58 051,063	1 477 681,187	25,455	24,995
1							51	36	95 121	57 264,857	1 419 630,123	24,791	24,331
2							52	37	94 736	56 468,077	1 362 365,267	24,126	23,666
3							53	38	94 310	55 657,459	1 305 897,190	23,463	23,003
4							54	39	93 832	54 827,251	1 250 239,731	22,803	22,343
5							55	40	93 301	53 977,389	1 195 412,480	22,147	21,687
6							56	41	92 712	53 105,398	1 141 435,092	21,494	21,034
7							57	42	92 057	52 208,280	1 088 329,694	20,846	20,386
8							58	43	91 333	51 284,519	1 036 121,413	20,203	19,743
9							59	44	90 546	50 339,427	984 836,894	19,564	19,104
10							60	45	89 674	49 361,183	934 497,468	18,932	18,472
11							61	46	88 722	48 353,451	885 136,284	18,306	17,846
12							62	47	87 678	47 311,479	836 782,833	17,687	17,227
13							63	48	86 535	46 232,336	789 471,354	17,076	16,616
14							64	49	85 285	45 113,050	743 239,017	16,475	16,015
15	0	99 513	85 715,439	3 990 123,940	46,551	46,091	65	50	83 938	43 960,947	698 125,967	15,881	15,421
16	1	99 210	84 608,196	3 904 408,501	46,147	45,687	66	51	82 497	42 778,458	654 165,020	15,292	14,832
17	2	99 165	83 732,708	3 819 800,305	45,619	45,159	67	52	80 942	41 556,896	611 386,562	14,712	14,252
18	3	99 126	82 870,675	3 736 067,597	45,083	44,623	68	53	79 304	40 312,461	569 829,665	14,135	13,675
19	4	99 077	82 010,324	3 653 196,922	44,546	44,086	69	54	77 553	39 032,507	529 517,204	13,566	13,106
20	5	99 028	81 158,104	3 571 186,597	44,003	43,543	70	55	75 709	37 727,084	490 484,698	13,001	12,541
21	6	98 981	80 315,944	3 490 028,494	43,454	42,994	71	56	73 775	36 399,042	452 757,614	12,439	11,979
22	7	98 933	79 482,770	3 409 712,550	42,899	42,439	72	57	71 692	35 021,101	416 358,572	11,889	11,429
23	8	98 887	78 659,073	3 330 229,780	42,338	41,878	73	58	69 545	33 636,171	381 337,471	11,337	10,877
24	9	98 839	77 841,935	3 251 570,707	41,771	41,311	74	59	67 258	32 208,022	347 701,300	10,795	10,336
25	10	98 788	77 031,825	3 173 728,772	41,200	40,740	75	60	64 859	30 751,532	315 493,278	10,259	9,799
26	11	98 739	76 231,209	3 096 696,947	40,622	40,162	76	61	62 317	29 253,840	284 741,746	9,733	9,274
27	12	98 688	75 437,383	3 020 465,738	40,039	39,579	77	62	59 648	27 723,824	255 487,906	9,215	8,755
28	13	98 637	74 652,168	2 945 028,355	39,450	38,990	78	63	56 896	26 182,891	227 764,082	8,699	8,239
29	14	98 584	73 873,012	2 870 376,187	38,856	38,396	79	64	53 985	24 596,931	201 581,192	8,195	7,735
30	15	98 526	73 098,769	2 796 503,175	38,257	37,797	80	65	50 934	22 977,056	176 984,261	7,703	7,243
31	16	98 463	72 328,423	2 723 404,406	37,653	37,193	81	66	47 707	21 308,328	154 007,205	7,228	6,768
32	17	98 394	71 562,070	2 651 075,984	37,046	36,586	82	67	44 348	19 611,806	132 698,878	6,766	6,306
33	18	98 321	70 801,070	2 579 513,913	36,433	35,973	83	68	40 884	17 900,934	113 087,072	6,317	5,857
34	19	98 236	70 039,551	2 508 712,843	35,819	35,359	84	69	37 270	16 156,977	95 186,138	5,891	5,431
35	20	98 151	69 285,967	2 438 673,292	35,197	34,737	85	70	33 539	14 395,844	79 029,161	5,490	5,030
36	21	98 061	68 536,955	2 369 387,325	34,571	34,111	86	71	29 743	12 640,085	64 633,316	5,113	4,653
37	22	97 957	67 786,933	2 300 850,370	33,942	33,482	87	72	25 969	10 926,765	51 993,231	4,758	4,298
38	23	97 843	67 037,574	2 233 063,437	33,311	32,851	88	73	22 280	9 281,786	41 066,466	4,424	3,964
39	24	97 728	66 295,552	2 166 025,863	32,672	32,212	89	74	18 693	7 710,206	31 784,680	4,122	3,662
40	25	97 599	65 552,601	2 099 730,311	32,031	31,571	90	75	15 321	6 256,908	24 074,474	3,848	3,388
41	26	97 459	64 810,641	2 034 177,710	31,386	30,926	91	76	12 259	4 957,100	17 817,567	3,594	3,134
42	27	97 300	64 064,436	1 969 367,069	30,740	30,280	92	77	9 582	3 836,169	12 860,467	3,352	2,892
43	28	97 142	63 327,121	1 905 302,633	30,087	29,627	93	78	7 258	2 877,066	9 024,297	3,137	2,677
44	29	96 964	62 585,235	1 841 975,511	29,431	28,971	94	79	5 331	2 092,312	6 147,231	2,938	2,478
45	30	96 772	61 842,877	1 779 390,276	28,773	28,313	95	80	3 772	1 465,873	4 054,920	2,766	2,306
46	31	96 563	61 098,215	1 717 547,399	28,111	27,651	96	81	2 581	992,847	2 589,046	2,608	2,148
47	32	96 333	60 349,062	1 656 449,184	27,448	26,988	97	82	1 697	646,569	1 596,199	2,469	2,009
48	33	96 076	59 592,206	1 596 100,122	26,784	26,324	98	83	1 079	406,956	949,630	2,333	1,874
49	34	95 790	58 826,729	1 536 507,916	26,119	25,659	99	84	661	246,675	542,674	2,200	1,740
							100	85	383	141,604	295,999	2,090	1,630

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	58 073,235	1 482 304,315	25,525	25,065
1							51	35	95 166	57 291,608	1 424 231,080	24,859	24,399
2							52	36	94 781	56 495,017	1 366 939,472	24,196	23,736
3							53	37	94 357	55 685,576	1 310 444,455	23,533	23,073
4							54	38	93 884	54 857,648	1 254 758,879	22,873	22,413
5							55	39	93 362	54 012,532	1 199 901,231	22,215	21,755
6							56	40	92 771	53 139,042	1 145 888,699	21,564	21,104
7							57	41	92 125	52 246,574	1 092 749,657	20,915	20,455
8							58	42	91 406	51 325,931	1 040 503,083	20,272	19,812
9							59	43	90 627	50 384,556	989 177,152	19,633	19,173
10							60	44	89 759	49 407,916	938 792,596	19,001	18,541
11							61	45	88 818	48 405,519	889 384,680	18,374	17,914
12							62	46	87 782	47 367,572	840 979,161	17,754	17,294
13							63	47	86 648	46 292,487	793 611,589	17,143	16,683
14							64	48	85 414	45 181,596	747 319,102	16,540	16,080
15							65	49	84 079	44 035,105	702 137,506	15,945	15,485
16	0	99 497	84 853,582	3 909 624,125	46,075	45,615	66	50	82 649	42 857,483	658 102,401	15,356	14,896
17	1	99 187	83 751,335	3 824 770,544	45,668	45,208	67	51	81 111	41 643,369	615 244,918	14,774	14,314
18	2	99 139	82 881,566	3 741 019,209	45,137	44,677	68	52	79 479	40 401,523	573 601,549	14,198	13,738
19	3	99 087	82 018,501	3 658 137,643	44,601	44,141	69	53	77 746	39 129,492	533 200,026	13,627	13,167
20	4	99 037	81 165,575	3 576 119,141	44,060	43,600	70	54	75 918	37 831,282	494 070,534	13,060	12,600
21	5	98 987	80 321,401	3 494 953,566	43,512	43,052	71	55	74 005	36 512,683	456 239,252	12,495	12,035
22	6	98 941	79 488,574	3 414 632,165	42,958	42,498	72	56	71 935	35 139,930	419 726,569	11,944	11,484
23	7	98 892	78 662,820	3 335 143,591	42,398	41,938	73	57	69 807	33 762,995	384 586,639	11,391	10,931
24	8	98 846	77 847,546	3 256 480,772	41,832	41,372	74	58	67 540	32 343,008	350 823,645	10,847	10,387
25	9	98 793	77 035,920	3 178 633,226	41,262	40,802	75	59	65 161	30 894,713	318 480,637	10,309	9,849
26	10	98 744	76 235,447	3 101 597,306	40,684	40,224	76	60	62 638	29 404,592	287 585,924	9,780	9,320
27	11	98 695	75 443,185	3 025 361,860	40,101	39,641	77	61	59 983	27 879,564	258 181,333	9,261	8,801
28	12	98 643	74 656,887	2 949 918,675	39,513	39,053	78	62	57 247	26 344,167	230 301,769	8,742	8,282
29	13	98 592	73 878,851	2 875 261,788	38,919	38,459	79	63	54 352	24 764,342	203 957,601	8,236	7,776
30	14	98 535	73 105,513	2 801 382,937	38,320	37,860	80	64	51 314	23 148,559	179 193,259	7,741	7,281
31	15	98 474	72 336,797	2 728 277,424	37,716	37,256	81	65	48 092	21 480,465	156 044,700	7,264	6,805
32	16	98 406	71 571,220	2 655 940,627	37,109	36,649	82	66	44 739	19 785,079	134 564,235	6,801	6,341
33	17	98 333	70 810,251	2 584 369,407	36,497	36,037	83	67	41 270	18 070,032	114 779,156	6,352	5,892
34	18	98 252	70 050,922	2 513 559,156	35,882	35,422	84	68	37 654	16 323,542	96 709,124	5,925	5,465
35	19	98 167	69 297,357	2 443 508,234	35,261	34,801	85	69	33 931	14 564,005	80 385,582	5,519	5,059
36	20	98 077	68 548,175	2 374 210,877	34,636	34,176	86	70	30 121	12 800,758	65 821,577	5,142	4,682
37	21	97 974	67 798,445	2 305 662,702	34,008	33,548	87	71	26 333	11 079,827	53 020,820	4,785	4,325
38	22	97 860	67 048,823	2 237 864,257	33,377	32,917	88	72	22 618	9 422,634	41 940,993	4,451	3,991
39	23	97 744	66 306,397	2 170 815,434	32,739	32,279	89	73	19 011	7 841,441	32 518,358	4,147	3,687
40	24	97 615	65 563,371	2 104 509,037	32,099	31,639	90	74	15 605	6 372,843	24 676,917	3,872	3,412
41	25	97 478	64 823,243	2 038 945,665	31,454	30,994	91	75	12 511	5 058,885	18 304,074	3,618	3,158
42	26	97 318	64 075,857	1 974 122,422	30,809	30,349	92	76	9 799	3 923,061	13 245,190	3,376	2,916
43	27	97 163	63 340,407	1 910 046,565	30,155	29,695	93	77	7 436	2 947,628	9 322,129	3,163	2,703
44	28	96 987	62 600,133	1 846 706,158	29,500	29,040	94	78	5 480	2 150,830	6 374,501	2,964	2,504
45	29	96 796	61 858,142	1 784 106,025	28,842	28,382	95	79	3 892	1 512,470	4 223,671	2,793	2,333
46	30	96 591	61 115,498	1 722 247,883	28,180	27,720	96	80	2 675	1 029,136	2 711,201	2,634	2,174
47	31	96 364	60 368,501	1 661 132,386	27,517	27,057	97	81	1 769	673,801	1 682,065	2,496	2,036
48	32	96 108	59 612,230	1 600 763,884	26,853	26,393	98	82	1 132	427,027	1 008,264	2,361	1,901
49	33	95 824	58 847,339	1 541 151,654	26,189	25,729	99	83	699	261,086	581,237	2,226	1,766
							100	84	409	151,252	320,151	2,117	1,657

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	58 093,581	1 486 534,598	25,589	25,129
1							51	34	95 202	57 313,490	1 428 441,017	24,923	24,463
2							52	35	94 825	56 521,409	1 371 127,527	24,259	23,799
3							53	36	94 402	55 712,143	1 314 606,118	23,596	23,136
4							54	37	93 931	54 885,361	1 258 893,975	22,937	22,477
5							55	38	93 414	54 042,477	1 204 008,614	22,279	21,819
6							56	39	92 831	53 173,639	1 149 966,137	21,627	21,167
7							57	40	92 183	52 279,674	1 096 792,497	20,979	20,519
8							58	41	91 473	51 363,578	1 044 512,824	20,336	19,876
9							59	42	90 700	50 425,242	993 149,246	19,695	19,235
10							60	43	89 840	49 452,210	942 724,004	19,063	18,603
11							61	44	88 902	48 451,347	893 271,794	18,436	17,976
12							62	45	87 877	47 418,578	844 820,447	17,816	17,356
13							63	46	86 750	46 347,371	797 401,869	17,205	16,745
14							64	47	85 525	45 240,380	751 054,498	16,601	16,141
15							65	48	84 207	44 102,013	705 814,118	16,004	15,544
16							66	49	82 788	42 929,779	661 712,105	15,414	14,954
17	0	99 475	83 994,236	3 829 566,624	45,593	45,133	67	50	81 260	41 720,297	618 782,326	14,832	14,372
18	1	99 161	82 900,004	3 745 572,388	45,182	44,722	68	51	79 644	40 485,592	577 062,029	14,254	13,794
19	2	99 100	82 029,280	3 662 672,384	44,651	44,191	69	52	77 918	39 215,941	536 576,437	13,683	13,223
20	3	99 047	81 173,668	3 580 643,104	44,111	43,651	70	53	76 107	37 925,282	497 360,497	13,114	12,654
21	4	98 997	80 328,795	3 499 469,435	43,564	43,104	71	54	74 209	36 613,527	459 435,214	12,548	12,088
22	5	98 947	79 493,975	3 419 140,640	43,011	42,551	72	55	72 160	35 249,640	422 821,687	11,995	11,535
23	6	98 899	78 668,564	3 339 646,665	42,452	41,992	73	56	70 044	33 877,555	387 572,047	11,440	10,980
24	7	98 850	77 851,254	3 260 978,101	41,887	41,427	74	57	67 795	32 464,955	353 694,493	10,895	10,435
25	8	98 800	77 041,472	3 183 126,848	41,317	40,857	75	58	65 434	31 024,194	321 229,537	10,354	9,894
26	9	98 750	76 239,499	3 106 085,376	40,741	40,281	76	59	62 930	29 541,501	290 205,343	9,824	9,364
27	10	98 701	75 447,379	3 029 845,877	40,158	39,698	77	60	60 293	28 023,234	260 663,842	9,302	8,842
28	11	98 651	74 662,628	2 954 398,498	39,570	39,110	78	61	57 568	26 492,157	232 640,608	8,781	8,322
29	12	98 598	73 883,521	2 879 735,870	38,977	38,517	79	62	54 687	24 916,881	206 148,451	8,273	7,813
30	13	98 543	73 111,291	2 805 852,349	38,378	37,918	80	63	51 663	23 306,112	181 231,570	7,776	7,316
31	14	98 483	72 343,471	2 732 741,058	37,775	37,315	81	64	48 451	21 640,798	157 925,457	7,298	6,838
32	15	98 418	71 579,507	2 660 397,587	37,167	36,707	82	65	45 101	19 944,911	136 284,660	6,833	6,373
33	16	98 346	70 819,304	2 588 818,080	36,555	36,095	83	66	41 634	18 229,684	116 339,748	6,382	5,922
34	17	98 265	70 060,006	2 517 998,776	35,941	35,481	84	67	38 010	16 477,740	98 110,065	5,954	5,494
35	18	98 183	69 308,608	2 447 938,770	35,319	34,859	85	68	34 281	14 714,147	81 632,325	5,548	5,088
36	19	98 093	68 559,444	2 378 630,162	34,694	34,234	86	69	30 473	12 950,285	66 918,178	5,167	4,707
37	20	97 990	67 809,544	2 310 070,718	34,067	33,607	87	70	26 667	11 220,666	53 967,893	4,810	4,350
38	21	97 876	67 060,210	2 242 261,175	33,437	32,977	88	71	22 935	9 554,627	42 747,226	4,474	4,014
39	22	97 760	66 317,524	2 175 200,964	32,800	32,340	89	72	19 299	7 960,432	33 192,600	4,170	3,710
40	23	97 631	65 574,097	2 108 883,441	32,160	31,700	90	73	15 870	6 481,315	25 232,167	3,893	3,433
41	24	97 494	64 833,893	2 043 309,344	31,516	31,056	91	74	12 743	5 152,622	18 750,853	3,639	3,179
42	25	97 337	64 088,317	1 978 475,451	30,871	30,411	92	75	10 000	4 003,613	13 598,231	3,396	2,937
43	26	97 180	63 351,699	1 914 387,134	30,218	29,758	93	76	7 605	3 014,393	9 594,618	3,183	2,723
44	27	97 008	62 613,266	1 851 035,435	29,563	29,103	94	77	5 615	2 203,581	6 580,225	2,986	2,526
45	28	96 819	61 872,867	1 788 422,169	28,905	28,445	95	78	4 001	1 554,772	4 376,644	2,815	2,355
46	29	96 614	61 130,582	1 726 549,302	28,244	27,784	96	79	2 760	1 061,850	2 821,872	2,658	2,198
47	30	96 391	60 385,577	1 665 418,720	27,580	27,120	97	80	1 834	698,429	1 760,023	2,520	2,060
48	31	96 139	59 631,432	1 605 033,143	26,916	26,456	98	81	1 180	445,013	1 061,594	2,386	1,926
49	32	95 856	58 867,113	1 545 401,711	26,252	25,792	99	82	734	273,963	616,582	2,251	1,791
							100	83	433	160,088	342,619	2,140	1,680

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	58 113,102	1 490 404,870	25,647	25,187
1							51	33	95 236	57 333,570	1 432 291,768	24,982	24,522
2							52	34	94 862	56 542,996	1 374 958,198	24,317	23,857
3							53	35	94 446	55 738,169	1 318 415,202	23,654	23,194
4							54	36	93 976	54 911,546	1 262 677,032	22,995	22,535
5							55	37	93 461	54 069,779	1 207 765,486	22,337	21,877
6							56	38	92 883	53 203,119	1 153 695,708	21,685	21,225
7							57	39	92 243	52 313,712	1 100 492,588	21,036	20,576
8							58	40	91 531	51 396,118	1 048 178,877	20,394	19,934
9							59	41	90 767	50 462,228	996 782,759	19,753	19,293
10							60	42	89 912	49 492,143	946 320,531	19,121	18,661
11							61	43	88 981	48 494,783	896 828,388	18,493	18,033
12							62	44	87 960	47 463,471	848 333,605	17,873	17,413
13							63	45	86 844	46 397,279	800 870,133	17,261	16,801
14							64	46	85 627	45 294,016	754 472,854	16,657	16,197
15							65	47	84 316	44 159,392	709 178,838	16,060	15,600
16							66	48	82 914	42 995,007	665 019,446	15,467	15,007
17							67	49	81 398	41 790,675	622 024,438	14,884	14,424
18	0	99 448	83 140,435	3 749 982,867	45,104	44,644	68	50	79 791	40 560,381	580 233,763	14,305	13,845
19	1	99 122	82 047,529	3 666 842,431	44,692	44,232	69	51	78 080	39 297,542	539 673,382	13,733	13,273
20	2	99 060	81 184,336	3 584 794,902	44,156	43,696	70	52	76 275	38 009,070	500 375,840	13,165	12,705
21	3	99 006	80 336,805	3 503 610,566	43,612	43,152	71	53	74 394	36 704,502	462 366,769	12,597	12,137
22	4	98 957	79 501,293	3 423 273,761	43,059	42,599	72	54	72 359	35 346,995	425 662,268	12,042	11,582
23	5	98 906	78 673,909	3 343 772,468	42,502	42,042	73	55	70 263	33 983,324	390 315,272	11,485	11,026
24	6	98 858	77 856,938	3 265 098,559	41,937	41,477	74	56	68 025	32 575,111	356 331,949	10,939	10,479
25	7	98 805	77 045,141	3 187 241,621	41,368	40,909	75	57	65 681	31 141,170	323 756,838	10,396	9,936
26	8	98 757	76 244,994	3 110 196,479	40,792	40,332	76	58	63 194	29 665,311	292 615,668	9,864	9,404
27	9	98 706	75 451,389	3 033 951,485	40,211	39,751	77	59	60 573	28 153,711	262 950,357	9,340	8,880
28	10	98 657	74 666,779	2 958 500,096	39,623	39,163	78	60	57 865	26 628,677	234 796,646	8,817	8,357
29	11	98 605	73 889,203	2 883 833,317	39,029	38,569	79	61	54 994	25 056,854	208 167,968	8,308	7,848
30	12	98 549	73 115,912	2 809 944,114	38,431	37,971	80	62	51 981	23 449,669	183 111,115	7,809	7,349
31	13	98 491	72 349,189	2 736 828,202	37,828	37,368	81	63	48 781	21 788,089	159 661,445	7,328	6,868
32	14	98 427	71 586,111	2 664 479,013	37,221	36,761	82	64	45 437	20 093,782	137 873,356	6,861	6,402
33	15	98 357	70 827,504	2 592 892,902	36,609	36,149	83	65	41 971	18 376,951	117 779,574	6,409	5,949
34	16	98 277	70 068,963	2 522 065,398	35,994	35,534	84	66	38 345	16 623,323	99 402,623	5,980	5,520
35	17	98 195	69 317,595	2 451 996,434	35,373	34,913	85	67	34 605	14 853,142	82 779,301	5,573	5,113
36	18	98 109	68 570,574	2 382 678,840	34,748	34,288	86	68	30 787	13 083,792	67 926,159	5,192	4,732
37	19	98 006	67 820,691	2 314 108,265	34,121	33,661	87	69	26 979	11 351,737	54 842,367	4,831	4,371
38	20	97 892	67 071,188	2 246 287,574	33,491	33,031	88	70	23 226	9 676,079	43 490,630	4,495	4,035
39	21	97 777	66 328,786	2 179 216,385	32,855	32,395	89	71	19 570	8 071,942	33 814,551	4,189	3,729
40	22	97 647	65 585,100	2 112 887,599	32,216	31,756	90	72	16 111	6 579,667	25 742,609	3,912	3,452
41	23	97 510	64 844,499	2 047 302,499	31,572	31,113	91	73	12 960	5 240,324	19 162,942	3,657	3,197
42	24	97 353	64 098,846	1 982 458,000	30,928	30,468	92	74	10 186	4 077,797	13 922,618	3,414	2,954
43	25	97 199	63 364,017	1 918 359,153	30,275	29,815	93	75	7 761	3 076,288	9 844,821	3,200	2,740
44	26	97 025	62 624,428	1 854 995,136	29,621	29,161	94	76	5 742	2 253,493	6 768,533	3,004	2,544
45	27	96 840	61 885,847	1 792 370,707	28,963	28,503	95	77	4 099	1 592,903	4 515,041	2,834	2,374
46	28	96 637	61 145,134	1 730 484,860	28,301	27,841	96	78	2 837	1 091,548	2 922,137	2,677	2,217
47	29	96 415	60 400,482	1 669 339,726	27,638	27,178	97	79	1 892	720,630	1 830,590	2,540	2,080
48	30	96 167	59 648,299	1 608 939,244	26,974	26,514	98	80	1 223	461,278	1 109,960	2,406	1,946
49	31	95 887	58 886,075	1 549 290,944	26,310	25,850	99	81	765	285,502	648,682	2,272	1,812
							100	82	454	167,984	363,180	2,162	1,702

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	58 131,820	1 493 945,182	25,699	25,239
1							51	32	95 268	57 352,835	1 435 813,362	25,035	24,575
2							52	33	94 895	56 562,806	1 378 460,527	24,370	23,910
3							53	34	94 482	55 759,458	1 321 897,721	23,707	23,247
4							54	35	94 020	54 937,198	1 266 138,263	23,047	22,587
5							55	36	93 506	54 095,574	1 211 201,064	22,390	21,930
6							56	37	92 929	53 229,997	1 157 105,490	21,738	21,278
7							57	38	92 294	52 342,715	1 103 875,493	21,089	20,629
8							58	39	91 591	51 429,581	1 051 532,778	20,446	19,986
9							59	40	90 824	50 494,197	1 000 103,197	19,806	19,346
10							60	41	89 978	49 528,444	949 609,000	19,173	18,713
11							61	42	89 053	48 533,943	900 080,556	18,545	18,085
12							62	43	88 039	47 506,022	851 546,613	17,925	17,465
13							63	44	86 926	46 441,206	804 040,591	17,313	16,853
14							64	45	85 719	45 342,790	757 599,385	16,708	16,248
15							65	46	84 416	44 211,747	712 256,595	16,110	15,650
16							66	47	83 022	43 050,946	668 044,848	15,518	15,058
17							67	48	81 521	41 854,173	624 993,902	14,933	14,473
18							68	49	79 926	40 628,803	583 139,729	14,353	13,893
19	0	99 410	82 285,488	3 670 898,416	44,612	44,152	69	50	78 224	39 370,137	542 510,926	13,780	13,320
20	1	99 082	81 202,397	3 588 612,928	44,193	43,733	70	51	76 434	38 088,161	503 140,789	13,210	12,750
21	2	99 019	80 347,363	3 507 410,531	43,653	43,193	71	52	74 558	36 785,593	465 052,629	12,642	12,182
22	3	98 966	79 509,220	3 427 063,168	43,103	42,643	72	53	72 539	35 434,823	428 267,036	12,086	11,626
23	4	98 915	78 681,152	3 347 553,948	42,546	42,086	73	54	70 457	34 077,182	392 832,213	11,528	11,068
24	5	98 864	77 862,229	3 268 872,796	41,983	41,523	74	55	68 237	32 676,814	358 755,031	10,979	10,519
25	6	98 812	77 050,767	3 191 010,568	41,414	40,954	75	56	65 904	31 246,834	326 078,217	10,436	9,976
26	7	98 762	76 248,626	3 113 959,800	40,840	40,380	76	57	63 432	29 777,163	294 831,384	9,901	9,441
27	8	98 713	75 456,827	3 037 711,175	40,258	39,798	77	58	60 827	28 271,705	265 054,221	9,375	8,915
28	9	98 662	74 670,748	2 962 254,348	39,671	39,211	78	59	58 135	26 752,662	236 782,516	8,851	8,391
29	10	98 611	73 893,311	2 887 583,599	39,078	38,618	79	60	55 277	25 185,977	210 029,854	8,339	7,879
30	11	98 557	73 121,535	2 813 690,288	38,480	38,020	80	61	52 273	23 581,399	184 843,877	7,839	7,379
31	12	98 497	72 353,762	2 740 568,753	37,877	37,417	81	62	49 081	21 922,296	161 262,478	7,356	6,896
32	13	98 434	71 591,769	2 668 214,991	37,270	36,810	82	63	45 747	20 230,544	139 340,182	6,888	6,428
33	14	98 367	70 834,039	2 596 623,222	36,658	36,198	83	64	42 284	18 514,118	119 109,638	6,433	5,973
34	15	98 288	70 077,076	2 525 789,183	36,043	35,583	84	65	38 655	16 757,613	100 595,520	6,003	5,543
35	16	98 208	69 326,457	2 455 712,107	35,422	34,962	85	66	34 910	14 984,372	83 837,907	5,595	5,135
36	17	98 121	68 579,466	2 386 385,650	34,797	34,337	86	67	31 078	13 207,386	68 853,535	5,213	4,753
37	18	98 022	67 831,702	2 317 806,184	34,170	33,710	87	68	27 257	11 468,764	55 646,149	4,852	4,392
38	19	97 908	67 082,215	2 249 974,482	33,541	33,081	88	69	23 498	9 789,107	44 177,385	4,513	4,053
39	20	97 793	66 339,645	2 182 892,267	32,905	32,445	89	70	19 818	8 174,547	34 388,279	4,207	3,747
40	21	97 664	65 596,238	2 116 552,623	32,266	31,806	90	71	16 337	6 671,835	26 213,732	3,929	3,469
41	22	97 526	64 855,381	2 050 956,384	31,624	31,164	91	72	13 157	5 319,845	19 541,897	3,673	3,213
42	23	97 369	64 109,332	1 986 101,004	30,980	30,520	92	73	10 359	4 147,205	14 222,052	3,429	2,969
43	24	97 215	63 374,428	1 921 991,672	30,328	29,868	93	74	7 905	3 133,289	10 074,848	3,215	2,755
44	25	97 044	62 636,606	1 858 617,244	29,673	29,213	94	75	5 860	2 299,764	6 941,559	3,018	2,558
45	26	96 857	61 896,879	1 795 980,638	29,016	28,556	95	76	4 192	1 628,983	4 641,795	2,850	2,390
46	27	96 658	61 157,962	1 734 083,758	28,354	27,894	96	77	2 907	1 118,319	3 012,811	2,694	2,234
47	28	96 438	60 414,860	1 672 925,796	27,691	27,231	97	78	1 945	740,785	1 894,493	2,557	2,097
48	29	96 190	59 663,022	1 612 510,936	27,027	26,567	98	79	1 262	475,941	1 153,708	2,424	1,964
49	30	95 914	58 902,731	1 552 847,914	26,363	25,903	99	80	793	295,937	677,767	2,290	1,830
							100	81	474	175,059	381,830	2,181	1,721

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	58 148,264	1 497 181,575	25,748	25,288
1							51	31	95 298	57 371,309	1 439 033,311	25,083	24,623
2							52	32	94 927	56 581,812	1 381 662,002	24,419	23,959
3							53	33	94 516	55 778,993	1 325 080,190	23,756	23,296
4							54	34	94 056	54 958,181	1 269 301,196	23,096	22,636
5							55	35	93 549	54 120,845	1 214 343,015	22,438	21,978
6							56	36	92 974	53 255,392	1 160 222,170	21,786	21,326
7							57	37	92 341	52 369,158	1 106 966,777	21,138	20,678
8							58	38	91 642	51 458,094	1 054 597,619	20,494	20,034
9							59	39	90 884	50 527,072	1 003 139,526	19,854	19,394
10							60	40	90 035	49 559,822	952 612,453	19,221	18,761
11							61	41	89 118	48 569,542	903 052,631	18,593	18,133
12							62	42	88 110	47 544,384	854 483,090	17,972	17,512
13							63	43	87 004	46 482,840	806 938,706	17,360	16,900
14							64	44	85 800	45 385,718	760 455,866	16,755	16,295
15							65	45	84 507	44 259,355	715 070,148	16,156	15,696
16							66	46	83 120	43 101,987	670 810,793	15,563	15,103
17							67	47	81 627	41 908,628	627 708,806	14,978	14,518
18							68	48	80 047	40 690,535	585 800,178	14,396	13,936
19							69	49	78 356	39 436,550	545 109,643	13,822	13,362
20	0	99 370	81 437,905	3 592 343,002	44,111	43,651	70	50	76 575	38 158,521	505 673,093	13,252	12,792
21	1	99 041	80 365,237	3 510 905,097	43,687	43,227	71	51	74 713	36 862,137	467 514,572	12,683	12,223
22	2	98 979	79 519,669	3 430 539,860	43,141	42,681	72	52	72 699	35 513,109	430 652,435	12,127	11,667
23	3	98 925	78 688,997	3 351 020,191	42,586	42,126	73	53	70 632	34 161,854	395 139,325	11,567	11,107
24	4	98 873	77 869,397	3 272 331,193	42,023	41,563	74	54	68 426	32 767,063	360 977,471	11,016	10,556
25	5	98 819	77 056,003	3 194 461,797	41,456	40,996	75	55	66 109	31 344,389	328 210,408	10,471	10,011
26	6	98 769	76 254,193	3 117 405,794	40,882	40,422	76	56	63 647	29 878,198	296 866,018	9,936	9,476
27	7	98 718	75 460,421	3 041 151,601	40,301	39,841	77	57	61 057	28 378,302	266 987,820	9,408	8,948
28	8	98 669	74 676,130	2 965 691,179	39,714	39,254	78	58	58 378	26 864,784	238 609,518	8,882	8,422
29	9	98 616	73 897,239	2 891 015,049	39,122	38,662	79	59	55 535	25 303,244	211 744,734	8,368	7,908
30	10	98 562	73 125,601	2 817 117,811	38,524	38,064	80	60	52 543	23 702,920	186 441,490	7,866	7,406
31	11	98 505	72 359,327	2 743 992,210	37,922	37,462	81	61	49 357	22 045,446	162 738,570	7,382	6,922
32	12	98 441	71 596,294	2 671 632,883	37,315	36,855	82	62	46 029	20 355,157	140 693,124	6,912	6,452
33	13	98 374	70 839,638	2 600 036,589	36,703	36,243	83	63	42 572	18 640,129	120 337,968	6,456	5,996
34	14	98 298	70 083,541	2 529 196,952	36,088	35,628	84	64	38 944	16 882,693	101 697,839	6,024	5,564
35	15	98 219	69 334,484	2 459 113,410	35,467	35,007	85	65	35 192	15 105,422	84 815,145	5,615	5,155
36	16	98 134	68 588,234	2 389 778,926	34,842	34,382	86	66	31 353	13 324,075	69 709,724	5,232	4,772
37	17	98 035	67 840,498	2 321 190,692	34,215	33,755	87	67	27 514	11 577,101	56 385,649	4,870	4,410
38	18	97 924	67 093,105	2 253 350,194	33,585	33,125	88	68	23 740	9 890,024	44 808,547	4,531	4,071
39	19	97 809	66 350,551	2 186 257,089	32,950	32,490	89	69	20 050	8 270,035	34 918,523	4,222	3,762
40	20	97 680	65 606,977	2 119 906,538	32,312	31,852	90	70	16 545	6 756,643	26 648,488	3,944	3,484
41	21	97 543	64 866,395	2 054 299,561	31,670	31,210	91	71	13 341	5 394,365	19 891,845	3,688	3,228
42	22	97 385	64 120,090	1 989 433,167	31,027	30,567	92	72	10 516	4 210,138	14 497,480	3,443	2,983
43	23	97 231	63 384,795	1 925 313,077	30,375	29,915	93	73	8 039	3 186,621	10 287,343	3,228	2,768
44	24	97 060	62 646,897	1 861 928,282	29,721	29,261	94	74	5 969	2 342,377	7 100,722	3,031	2,571
45	25	96 876	61 908,915	1 799 281,385	29,063	28,603	95	75	4 278	1 662,431	4 758,345	2,862	2,402
46	26	96 675	61 168,865	1 737 372,469	28,403	27,943	96	76	2 973	1 143,649	3 095,914	2,707	2,247
47	27	96 458	60 427,535	1 676 203,604	27,739	27,279	97	77	1 992	758,953	1 952,265	2,572	2,112
48	28	96 213	59 677,225	1 615 776,070	27,075	26,615	98	78	1 297	489,252	1 193,312	2,439	1,979
49	29	95 938	58 917,270	1 556 098,845	26,412	25,952	99	79	818	305,344	704,059	2,306	1,846
							100	80	491	181,457	398,716	2,197	1,737

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	58 162,616	1 500 138,011	25,792	25,332
1							51	30	95 325	57 387,537	1 441 975,395	25,127	24,667
2							52	31	94 957	56 600,038	1 384 587,857	24,463	24,003
3							53	32	94 547	55 797,736	1 327 987,820	23,800	23,340
4							54	33	94 089	54 977,436	1 272 190,083	23,140	22,680
5							55	34	93 585	54 141,516	1 217 212,648	22,482	22,022
6							56	35	93 017	53 280,271	1 163 071,131	21,829	21,369
7							57	36	92 385	52 394,142	1 109 790,860	21,182	20,722
8							58	37	91 688	51 484,090	1 057 396,718	20,538	20,078
9							59	38	90 934	50 555,085	1 005 912,628	19,897	19,437
10							60	39	90 094	49 592,089	955 357,543	19,264	18,804
11							61	40	89 175	48 600,312	905 765,454	18,637	18,177
12							62	41	88 174	47 579,256	857 165,142	18,016	17,556
13							63	42	87 074	46 520,375	809 585,886	17,403	16,943
14							64	43	85 877	45 426,406	763 065,511	16,798	16,338
15							65	44	84 587	44 301,258	717 639,105	16,199	15,739
16							66	45	83 210	43 148,400	673 337,847	15,605	15,145
17							67	46	81 724	41 958,314	630 189,447	15,019	14,559
18							68	47	80 151	40 743,475	588 231,132	14,437	13,977
19							69	48	78 475	39 496,471	547 487,657	13,862	13,402
20							70	49	76 704	38 222,891	507 991,186	13,290	12,830
21	0	99 329	80 598,317	3 514 335,556	43,603	43,143	71	50	74 851	36 930,233	469 768,295	12,720	12,260
22	1	99 001	79 537,359	3 433 737,239	43,171	42,711	72	51	72 850	35 587,006	432 838,062	12,163	11,703
23	2	98 938	78 699,339	3 354 199,880	42,620	42,160	73	52	70 788	34 237,328	397 251,056	11,603	11,143
24	3	98 883	77 877,161	3 275 500,541	42,060	41,600	74	53	68 596	32 848,481	363 013,729	11,051	10,591
25	4	98 828	77 063,096	3 197 623,380	41,494	41,034	75	54	66 292	31 430,959	330 165,248	10,504	10,044
26	5	98 775	76 259,375	3 120 560,283	40,920	40,460	76	55	63 846	29 971,481	298 734,289	9,967	9,507
27	6	98 725	75 465,932	3 044 300,909	40,340	39,880	77	56	61 264	28 474,592	268 762,808	9,439	8,979
28	7	98 674	74 679,687	2 968 834,977	39,754	39,294	78	57	58 598	26 966,076	240 288,216	8,911	8,451
29	8	98 623	73 902,565	2 894 155,290	39,162	38,702	79	58	55 767	25 409,292	213 322,140	8,395	7,935
30	9	98 568	73 129,488	2 820 252,726	38,565	38,105	80	59	52 787	23 813,281	187 912,848	7,891	7,431
31	10	98 510	72 363,349	2 747 123,238	37,963	37,503	81	60	49 612	22 159,051	164 099,567	7,406	6,946
32	11	98 448	71 601,801	2 674 759,888	37,356	36,896	82	61	46 287	20 469,503	141 940,516	6,934	6,474
33	12	98 381	70 844,115	2 603 158,088	36,745	36,285	83	62	42 834	18 754,945	121 471,013	6,477	6,017
34	13	98 305	70 089,081	2 532 313,973	36,130	35,670	84	63	39 209	16 997,600	102 716,068	6,043	5,583
35	14	98 228	69 340,881	2 462 224,892	35,509	35,049	85	64	35 455	15 218,170	85 718,467	5,633	5,173
36	15	98 145	68 596,176	2 392 884,011	34,884	34,424	86	65	31 606	13 431,713	70 500,297	5,249	4,789
37	16	98 047	67 849,171	2 324 287,835	34,257	33,797	87	66	27 757	11 679,387	57 068,585	4,886	4,426
38	17	97 937	67 101,805	2 256 438,663	33,627	33,167	88	67	23 964	9 983,448	45 389,198	4,546	4,086
39	18	97 825	66 361,322	2 189 336,858	32,991	32,531	89	68	20 256	8 355,293	35 405,750	4,238	3,778
40	19	97 696	65 617,762	2 122 975,536	32,354	31,894	90	69	16 738	6 835,568	27 050,457	3,957	3,497
41	20	97 559	64 877,014	2 057 357,774	31,712	31,252	91	70	13 510	5 462,934	20 214,889	3,700	3,240
42	21	97 401	64 130,979	1 992 480,760	31,069	30,609	92	71	10 664	4 269,113	14 751,954	3,456	2,996
43	22	97 247	63 395,431	1 928 349,781	30,418	29,958	93	72	8 161	3 234,977	10 482,841	3,240	2,780
44	23	97 076	62 657,145	1 864 954,349	29,764	29,304	94	73	6 070	2 382,246	7 247,865	3,042	2,582
45	24	96 892	61 919,087	1 802 297,204	29,107	28,647	95	74	4 358	1 693,235	4 865,619	2,874	2,414
46	25	96 694	61 180,759	1 740 378,117	28,446	27,987	96	75	3 034	1 167,132	3 172,384	2,718	2,258
47	26	96 475	60 438,307	1 679 197,358	27,784	27,324	97	76	2 038	776,144	2 005,252	2,584	2,124
48	27	96 233	59 689,744	1 618 759,051	27,120	26,660	98	77	1 329	501,252	1 229,108	2,452	1,992
49	28	95 961	58 931,295	1 559 069,306	26,456	25,996	99	78	841	313,884	727,857	2,319	1,859
							100	79	506	187,226	413,973	2,211	1,751

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	28	95 679	58 176,462	1 502 837,993	25,832	25,372
							51	29	95 349	57 401,702	1 444 661,531	25,168	24,708
							52	30	94 984	56 616,048	1 387 259,829	24,503	24,043
							53	31	94 578	55 815,709	1 330 643,781	23,840	23,380
							54	32	94 121	54 995,909	1 274 828,072	23,180	22,720
							55	33	93 618	54 160,485	1 219 832,163	22,523	22,063
							56	34	93 053	53 300,621	1 165 671,678	21,870	21,410
							57	35	92 428	52 418,619	1 112 371,057	21,221	20,761
							58	36	91 732	51 508,652	1 059 952,439	20,578	20,118
							59	37	90 980	50 580,625	1 008 443,787	19,937	19,477
							60	38	90 144	49 619,583	957 863,162	19,304	18,844
							61	39	89 233	48 631,954	908 243,578	18,676	18,216
							62	40	88 230	47 609,399	859 611,624	18,056	17,596
							63	41	87 138	46 554,497	812 002,225	17,442	16,982
							64	42	85 946	45 463,088	765 447,728	16,837	16,377
							65	43	84 663	44 340,974	719 984,640	16,237	15,777
							66	44	83 289	43 189,251	675 643,666	15,644	15,184
							67	45	81 812	42 003,496	632 454,415	15,057	14,597
							68	46	80 246	40 791,781	590 450,920	14,475	14,015
							69	47	78 577	39 547,858	549 659,139	13,899	13,439
							70	48	76 821	38 280,968	510 111,281	13,325	12,865
							71	49	74 978	36 992,531	471 830,313	12,755	12,295
22	0	99 289	79 768,038	3 436 892,309	43,086	42,626	72	50	72 985	35 652,746	434 837,783	12,196	11,736
23	1	98 960	78 716,846	3 357 124,270	42,648	42,188	73	51	70 935	34 308,570	399 185,037	11,635	11,175
24	2	98 896	77 887,396	3 278 407,424	42,092	41,632	74	52	68 747	32 921,053	364 876,467	11,083	10,623
25	3	98 838	77 070,780	3 200 520,029	41,527	41,067	75	53	66 457	31 509,056	331 955,414	10,535	10,075
26	4	98 785	76 266,395	3 123 449,248	40,954	40,494	76	54	64 022	30 054,259	300 446,358	9,997	9,537
27	5	98 732	75 471,059	3 047 182,853	40,376	39,916	77	55	61 455	28 563,492	270 392,099	9,466	9,006
28	6	98 681	74 685,140	2 971 711,794	39,790	39,330	78	56	58 797	27 057,574	241 828,607	8,938	8,478
29	7	98 628	73 906,085	2 897 026,654	39,199	38,739	79	57	55 978	25 505,096	214 771,033	8,421	7,961
30	8	98 575	73 134,758	2 823 120,569	38,602	38,142	80	58	53 008	23 913,084	189 265,937	7,915	7,455
31	9	98 515	72 367,196	2 749 985,810	38,000	37,540	81	59	49 843	22 262,224	165 352,853	7,428	6,968
32	10	98 454	71 605,781	2 677 618,615	37,394	36,934	82	60	46 526	20 574,987	143 090,628	6,955	6,495
33	11	98 388	70 849,564	2 606 012,833	36,782	36,322	83	61	43 075	18 860,302	122 515,641	6,496	6,036
34	12	98 312	70 093,511	2 535 163,270	36,168	35,708	84	62	39 450	17 102,299	103 655,339	6,061	5,601
35	13	98 236	69 346,362	2 465 069,759	35,547	35,087	85	63	35 696	15 321,748	86 553,040	5,649	5,189
36	14	98 154	68 602,504	2 395 723,397	34,922	34,462	86	64	31 842	13 531,968	71 231,292	5,264	4,804
37	15	98 059	67 857,027	2 327 120,892	34,294	33,834	87	65	27 982	11 773,738	57 699,324	4,901	4,441
38	16	97 949	67 110,384	2 259 263,865	33,665	33,205	88	66	24 176	10 071,654	45 925,586	4,560	4,100
39	17	97 837	66 369,927	2 192 153,480	33,029	32,569	89	67	20 448	8 434,219	35 853,932	4,251	3,791
40	18	97 712	65 628,415	2 125 783,553	32,391	31,931	90	68	16 910	6 906,037	27 419,713	3,970	3,510
41	19	97 575	64 887,679	2 060 155,138	31,750	31,290	91	69	13 668	5 526,748	20 513,676	3,712	3,252
42	20	97 417	64 141,478	1 995 267,458	31,107	30,647	92	70	10 799	4 323,379	14 986,928	3,466	3,007
43	21	97 264	63 406,198	1 931 125,980	30,456	29,996	93	71	8 276	3 280,292	10 663,549	3,251	2,791
44	22	97 092	62 667,659	1 867 719,783	29,804	29,344	94	72	6 162	2 418,396	7 383,256	3,053	2,593
45	23	96 908	61 929,216	1 805 052,124	29,147	28,687	95	73	4 432	1 722,055	4 964,860	2,883	2,423
46	24	96 710	61 190,811	1 743 122,908	28,487	28,027	96	74	3 090	1 188,758	3 242,805	2,728	2,268
47	25	96 494	60 450,060	1 681 932,097	27,823	27,364	97	75	2 079	792,080	2 054,047	2,593	2,133
48	26	96 251	59 700,385	1 621 482,037	27,160	26,700	98	76	1 359	512,605	1 261,967	2,462	2,002
49	27	95 981	58 943,658	1 561 781,652	26,496	26,036	99	77	861	321,582	749,362	2,330	1,870
							100	78	521	192,462	427,780	2,223	1,763

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	58 188,667	1 505 302,012	25,869	25,409
1							51	28	95 371	57 415,366	1 447 113,346	25,204	24,744
2							52	29	95 008	56 630,022	1 389 697,979	24,540	24,080
3							53	30	94 605	55 831,498	1 333 067,957	23,877	23,417
4							54	31	94 151	55 013,624	1 277 236,460	23,217	22,757
5							55	32	93 649	54 178,684	1 222 222,836	22,559	22,099
6							56	33	93 085	53 319,294	1 168 044,152	21,907	21,447
7							57	34	92 463	52 438,639	1 114 724,857	21,258	20,798
8							58	35	91 775	51 532,715	1 062 286,218	20,614	20,154
9							59	36	91 023	50 604,756	1 010 753,503	19,973	19,514
10							60	37	90 189	49 644,651	960 148,747	19,340	18,880
11							61	38	89 282	48 658,916	910 504,096	18,712	18,252
12							62	39	88 288	47 640,396	861 845,180	18,091	17,631
13							63	40	87 193	46 583,990	814 204,784	17,478	17,018
14							64	41	86 009	45 496,434	767 620,793	16,872	16,412
15							65	42	84 732	44 376,779	722 124,359	16,273	15,813
16							66	43	83 363	43 227,970	677 747,580	15,678	15,218
17							67	44	81 890	42 043,262	634 519,610	15,092	14,632
18							68	45	80 333	40 835,706	592 476,347	14,509	14,049
19							69	46	78 671	39 594,746	551 640,641	13,932	13,472
20							70	47	76 921	38 330,773	512 045,896	13,359	12,899
21							71	48	75 092	37 048,738	473 715,122	12,786	12,326
22							72	49	73 108	35 712,889	436 666,385	12,227	11,767
23	0	99 247	78 945,146	3 360 026,288	42,562	42,102	73	50	71 066	34 371,948	400 953,496	11,665	11,205
24	1	98 918	77 904,723	3 281 081,142	42,117	41,657	74	51	68 890	32 989,556	366 581,548	11,112	10,652
25	2	98 851	77 080,909	3 203 176,420	41,556	41,096	75	52	66 603	31 578,669	333 591,992	10,564	10,104
26	3	98 794	76 274,000	3 126 095,510	40,985	40,525	76	53	64 181	30 128,936	302 013,323	10,024	9,564
27	4	98 741	75 478,007	3 049 821,511	40,407	39,947	77	54	61 625	28 642,381	271 884,387	9,492	9,032
28	5	98 688	74 690,215	2 974 343,503	39,822	39,362	78	55	58 981	27 142,050	243 242,006	8,962	8,502
29	6	98 635	73 911,481	2 899 653,289	39,231	38,771	79	56	56 168	25 591,637	216 099,956	8,444	7,984
30	7	98 579	73 138,242	2 825 741,807	38,636	38,176	80	57	53 208	24 003,248	190 508,319	7,937	7,477
31	8	98 523	72 372,412	2 752 603,566	38,034	37,574	81	58	50 051	22 355,527	166 505,072	7,448	6,988
32	9	98 459	71 609,587	2 680 231,154	37,428	36,968	82	59	46 742	20 670,785	144 149,545	6,974	6,514
33	10	98 394	70 853,503	2 608 621,567	36,817	36,357	83	60	43 297	18 957,494	123 478,760	6,513	6,053
34	11	98 319	70 098,902	2 537 768,064	36,203	35,743	84	61	39 672	17 198,372	104 521,266	6,077	5,617
35	12	98 242	69 350,745	2 467 669,162	35,582	35,122	85	62	35 916	15 416,124	87 322,894	5,664	5,204
36	13	98 162	68 607,927	2 398 318,417	34,957	34,497	86	63	32 059	13 624,069	71 906,769	5,278	4,818
37	14	98 068	67 863,288	2 329 710,490	34,329	33,869	87	64	28 191	11 861,618	58 282,700	4,914	4,454
38	15	97 961	67 118,155	2 261 847,202	33,699	33,240	88	65	24 371	10 153,017	46 421,082	4,572	4,112
39	16	97 850	66 378,413	2 194 729,047	33,064	32,604	89	66	20 628	8 508,737	36 268,065	4,262	3,802
40	17	97 724	65 636,925	2 128 350,634	32,426	31,966	90	67	17 070	6 971,274	27 759,328	3,982	3,522
41	18	97 591	64 898,214	2 062 713,709	31,784	31,324	91	68	13 809	5 583,724	20 788,054	3,723	3,263
42	19	97 433	64 152,022	1 997 815,495	31,142	30,682	92	69	10 925	4 373,881	15 204,330	3,476	3,016
43	20	97 280	63 416,578	1 933 663,473	30,491	30,031	93	70	8 381	3 321,989	10 830,449	3,260	2,800
44	21	97 109	62 678,302	1 870 246,895	29,839	29,379	94	71	6 249	2 452,273	7 508,460	3,062	2,602
45	22	96 924	61 939,608	1 807 568,593	29,183	28,723	95	72	4 499	1 748,187	5 056,187	2,892	2,432
46	23	96 725	61 200,821	1 745 628,985	28,523	28,063	96	73	3 142	1 208,992	3 308,000	2,736	2,276
47	24	96 510	60 459,991	1 684 428,164	27,860	27,400	97	74	2 118	806,757	2 099,008	2,602	2,142
48	25	96 269	59 711,994	1 623 968,173	27,197	26,737	98	75	1 387	523,131	1 292,251	2,470	2,010
49	26	95 998	58 954,166	1 564 256,179	26,533	26,073	99	76	881	328,866	769,121	2,339	1,879
							100	77	533	197,182	440,255	2,233	1,773

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	58 199,040	1 507 548,657	25,903	25,443
1							51	27	95 391	57 427,412	1 449 349,617	25,238	24,778
2							52	28	95 030	56 643,503	1 391 922,205	24,573	24,113
3							53	29	94 628	55 845,278	1 335 278,702	23,910	23,450
4							54	30	94 178	55 029,185	1 279 433,424	23,250	22,790
5							55	31	93 679	54 196,135	1 224 404,239	22,592	22,132
6							56	32	93 117	53 337,211	1 170 208,104	21,940	21,480
7							57	33	92 496	52 457,011	1 116 870,893	21,291	20,831
8							58	34	91 810	51 552,397	1 064 413,881	20,647	20,187
9							59	35	91 066	50 628,396	1 012 861,484	20,006	19,546
10							60	36	90 232	49 668,335	962 233,088	19,373	18,913
11							61	37	89 328	48 683,498	912 564,753	18,745	18,285
12							62	38	88 337	47 666,809	863 881,254	18,123	17,663
13							63	39	87 250	46 614,320	816 214,446	17,510	17,050
14							64	40	86 064	45 525,258	769 600,126	16,905	16,445
15							65	41	84 794	44 409,329	724 074,868	16,305	15,845
16							66	42	83 431	43 262,877	679 665,539	15,710	15,250
17							67	43	81 963	42 080,954	636 402,663	15,123	14,663
18							68	44	80 409	40 874,367	594 321,709	14,540	14,080
19							69	45	78 755	39 637,382	553 447,342	13,963	13,503
20							70	46	77 012	38 376,218	513 809,959	13,389	12,929
21							71	47	75 189	37 096,940	475 433,741	12,816	12,356
22							72	48	73 219	35 767,152	438 336,801	12,255	11,795
23							73	49	71 186	34 429,931	402 569,650	11,692	11,232
24	0	99 205	78 130,666	3 283 750,713	42,029	41,569	74	50	69 018	33 050,497	368 139,719	11,139	10,679
25	1	98 873	77 098,057	3 205 620,046	41,578	41,119	75	51	66 742	31 644,379	335 089,222	10,589	10,129
26	2	98 807	76 284,024	3 128 521,989	41,011	40,552	76	52	64 323	30 195,499	303 444,843	10,049	9,589
27	3	98 751	75 485,533	3 052 237,966	40,435	39,975	77	53	61 778	28 713,550	273 249,344	9,516	9,056
28	4	98 697	74 697,091	2 976 752,433	39,851	39,391	78	54	59 144	27 217,013	244 535,794	8,985	8,525
29	5	98 642	73 916,504	2 902 055,342	39,261	38,801	79	55	56 343	25 671,536	217 318,780	8,465	8,005
30	6	98 586	73 143,582	2 828 138,838	38,666	38,206	80	56	53 389	24 084,692	191 647,244	7,957	7,497
31	7	98 527	72 375,859	2 754 995,256	38,065	37,605	81	57	50 240	22 439,817	167 562,552	7,467	7,007
32	8	98 466	71 614,749	2 682 619,397	37,459	36,999	82	58	46 938	20 757,418	145 122,735	6,991	6,531
33	9	98 399	70 857,269	2 611 004,649	36,849	36,389	83	59	43 498	19 045,760	124 365,317	6,530	6,070
34	10	98 325	70 102,799	2 540 147,380	36,235	35,775	84	60	39 876	17 287,000	105 319,557	6,092	5,632
35	11	98 250	69 356,079	2 470 044,581	35,614	35,154	85	61	36 118	15 502,725	88 032,557	5,679	5,219
36	12	98 168	68 612,263	2 400 688,502	34,989	34,529	86	62	32 256	13 707,989	72 529,832	5,291	4,831
37	13	98 075	67 868,652	2 332 076,239	34,362	33,902	87	63	28 382	11 942,351	58 821,843	4,925	4,466
38	14	97 970	67 124,347	2 264 207,587	33,732	33,272	88	64	24 553	10 228,800	46 879,492	4,583	4,123
39	15	97 861	66 386,099	2 197 083,240	33,096	32,636	89	65	20 795	8 577,474	36 650,693	4,273	3,813
40	16	97 737	65 645,317	2 130 697,141	32,458	31,998	90	66	17 221	7 032,866	28 073,218	3,992	3,532
41	17	97 603	64 906,629	2 065 051,823	31,816	31,356	91	67	13 940	5 636,470	21 040,352	3,733	3,273
42	18	97 449	64 162,437	2 000 145,195	31,173	30,713	92	68	11 038	4 418,972	15 403,883	3,486	3,026
43	19	97 296	63 427,003	1 935 982,757	30,523	30,063	93	69	8 479	3 360,794	10 984,910	3,269	2,809
44	20	97 124	62 688,563	1 872 555,754	29,871	29,411	94	70	6 328	2 483,445	7 624,117	3,070	2,610
45	21	96 940	61 950,127	1 809 867,191	29,215	28,755	95	71	4 562	1 772,676	5 140,672	2,900	2,440
46	22	96 742	61 211,091	1 747 917,064	28,556	28,096	96	72	3 190	1 227,338	3 367,996	2,744	2,284
47	23	96 526	60 469,882	1 686 705,974	27,893	27,433	97	73	2 154	820,489	2 140,659	2,609	2,149
48	24	96 285	59 721,805	1 626 236,092	27,230	26,770	98	74	1 413	532,824	1 320,170	2,478	2,018
49	25	96 017	58 965,630	1 566 514,287	26,567	26,107	99	75	899	335,619	787,346	2,346	1,886
							100	76	545	201,648	451,728	2,240	1,780

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	58 210,357	1 509 597,754	25,933	25,474
1							51	26	95 408	57 437,649	1 451 387,397	25,269	24,809
2							52	27	95 050	56 655,386	1 393 949,748	24,604	24,144
3							53	28	94 650	55 858,572	1 337 294,362	23,941	23,481
4							54	29	94 201	55 042,768	1 281 435,790	23,281	22,821
5							55	30	93 706	54 211,465	1 226 393,022	22,622	22,162
6							56	31	93 147	53 354,391	1 172 181,556	21,970	21,510
7							57	32	92 527	52 474,638	1 118 827,165	21,321	20,861
8							58	33	91 842	51 570,458	1 066 352,527	20,678	20,218
9							59	34	91 101	50 647,733	1 014 782,069	20,036	19,576
10							60	35	90 274	49 691,538	964 134,335	19,402	18,942
11							61	36	89 370	48 706,724	914 442,797	18,774	18,314
12							62	37	88 381	47 690,889	865 736,073	18,153	17,693
13							63	38	87 298	46 640,164	818 045,183	17,540	17,080
14							64	39	86 120	45 554,898	771 405,020	16,934	16,474
15							65	40	84 847	44 437,463	725 850,122	16,334	15,874
16							66	41	83 492	43 294,609	681 412,659	15,739	15,279
17							67	42	82 029	42 114,935	638 118,049	15,152	14,692
18							68	43	80 481	40 911,011	596 003,115	14,568	14,108
19							69	44	78 830	39 674,909	555 092,104	13,991	13,531
20							70	45	77 095	38 417,542	515 417,195	13,416	12,956
21							71	46	75 278	37 140,922	476 999,653	12,843	12,383
22							72	47	73 314	35 813,687	439 858,731	12,282	11,822
23							73	48	71 294	34 482,244	404 045,044	11,717	11,258
24							74	49	69 134	33 106,251	369 562,800	11,163	10,703
25	0	99 160	77 321,661	3 208 076,207	41,490	41,030	75	50	66 865	31 702,836	336 456,550	10,613	10,153
26	1	98 829	76 300,994	3 130 754,546	41,032	40,572	76	51	64 457	30 258,331	304 753,714	10,072	9,612
27	2	98 764	75 495,454	3 054 453,552	40,459	39,999	77	52	61 914	28 776,987	274 495,383	9,539	9,079
28	3	98 706	74 704,539	2 978 958,098	39,877	39,417	78	53	59 291	27 284,640	245 718,397	9,006	8,546
29	4	98 651	73 923,308	2 904 253,560	39,287	38,827	79	54	56 499	25 742,438	218 433,756	8,485	8,025
30	5	98 593	73 148,552	2 830 330,251	38,693	38,233	80	55	53 556	24 159,887	192 691,318	7,976	7,516
31	6	98 534	72 381,144	2 757 181,699	38,093	37,633	81	56	50 411	22 515,957	168 531,431	7,485	7,025
32	7	98 471	71 618,160	2 684 800,555	37,488	37,028	82	57	47 115	20 835,683	146 015,475	7,008	6,548
33	8	98 406	70 862,376	2 613 182,396	36,877	36,417	83	58	43 681	19 125,583	125 179,792	6,545	6,085
34	9	98 330	70 106,525	2 542 320,020	36,264	35,804	84	59	40 062	17 367,489	106 054,209	6,106	5,646
35	10	98 255	69 359,935	2 472 213,495	35,643	35,183	85	60	36 304	15 582,614	88 686,721	5,691	5,231
36	11	98 176	68 617,540	2 402 853,560	35,018	34,558	86	61	32 437	13 784,994	73 104,107	5,303	4,843
37	12	98 082	67 872,941	2 334 236,020	34,391	33,931	87	62	28 557	12 015,911	59 319,112	4,937	4,477
38	13	97 978	67 129,653	2 266 363,078	33,761	33,301	88	63	24 720	10 298,419	47 303,201	4,593	4,133
39	14	97 870	66 392,224	2 199 233,425	33,125	32,665	89	64	20 950	8 641,497	37 004,782	4,282	3,822
40	15	97 748	65 652,918	2 132 841,202	32,487	32,027	90	65	17 360	7 089,681	28 363,285	4,001	3,541
41	16	97 616	64 914,928	2 067 188,284	31,845	31,385	91	66	14 063	5 686,269	21 273,604	3,741	3,281
42	17	97 462	64 170,757	2 002 273,356	31,202	30,742	92	67	11 142	4 460,715	15 587,336	3,494	3,034
43	18	97 311	63 437,300	1 938 102,599	30,551	30,091	93	68	8 566	3 395,441	11 126,620	3,277	2,817
44	19	97 140	62 698,868	1 874 665,298	29,900	29,440	94	69	6 402	2 512,454	7 731,180	3,072	2,617
45	20	96 956	61 960,269	1 811 966,430	29,244	28,784	95	70	4 620	1 795,209	5 218,725	2,907	2,447
46	21	96 758	61 221,486	1 750 006,161	28,585	28,125	96	71	3 235	1 244,530	3 423,517	2,751	2,291
47	22	96 542	60 480,029	1 688 784,675	27,923	27,463	97	72	2 187	832,939	2 178,987	2,616	2,156
48	23	96 301	59 731,574	1 628 304,646	27,260	26,800	98	73	1 437	541,893	1 346,047	2,484	2,024
49	24	96 032	58 975,318	1 568 573,072	26,597	26,137	99	74	915	341,837	804,154	2,352	1,892
							100	75	557	205,789	462,317	2,247	1,787

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	4 822 969,202	48,230	47,769	50	50	94 198	50 616,528	1 136 237,366	22,448	21,988
1	1	99 373	98 146,365	4 722 969,202	48,122	47,661	51	51	93 723	49 739,108	1 085 620,838	21,826	21,366
2	2	99 327	96 889,700	4 624 822,837	47,733	47,272	52	52	93 193	48 847,636	1 035 881,730	21,206	20,746
3	3	99 301	95 668,229	4 527 933,137	47,330	46,869	53	53	92 616	47 945,869	987 034,094	20,586	20,126
4	4	99 279	94 466,520	4 432 264,908	46,919	46,459	54	54	91 970	47 023,351	939 088,225	19,971	19,510
5	5	99 259	93 281,034	4 337 798,388	46,502	46,042	55	55	91 257	46 082,938	892 064,875	19,358	18,897
6	6	99 243	92 114,784	4 244 517,354	46,079	45,618	56	56	90 456	45 114,334	845 981,937	18,752	18,292
7	7	99 227	90 962,730	4 152 402,570	45,649	45,189	57	57	89 579	44 125,430	800 867,602	18,150	17,689
8	8	99 212	89 826,724	4 061 439,839	45,214	44,754	58	58	88 612	43 110,031	756 742,172	17,554	17,093
9	9	99 198	88 704,603	3 971 613,115	44,773	44,313	59	59	87 560	42 072,612	713 632,141	16,962	16,502
10	10	99 184	87 597,796	3 882 908,512	44,327	43,866	60	60	86 397	41 001,211	671 559,529	16,379	15,919
11	11	99 172	86 505,089	3 795 310,717	43,874	43,413	61	61	85 133	39 902,497	630 558,318	15,802	15,342
12	12	99 157	85 424,651	3 708 805,627	43,416	42,956	62	62	83 760	38 774,590	590 655,821	15,233	14,773
13	13	99 142	84 357,225	3 623 380,977	42,953	42,492	63	63	82 269	37 614,098	551 881,232	14,672	14,212
14	14	99 125	83 301,451	3 539 023,752	42,485	42,024	64	64	80 655	36 420,578	514 267,133	14,120	13,660
15	15	99 104	82 255,285	3 455 722,301	42,012	41,552	65	65	78 926	35 199,821	477 846,555	13,575	13,115
16	16	99 077	81 217,757	3 373 467,016	41,536	41,076	66	66	77 091	33 957,217	442 646,734	13,035	12,575
17	17	99 041	80 186,474	3 292 249,259	41,057	40,597	67	67	75 132	32 685,788	408 689,518	12,504	12,043
18	18	99 002	79 165,135	3 212 062,785	40,574	40,114	68	68	73 083	31 401,956	376 003,730	11,974	11,514
19	19	98 948	78 144,920	3 132 897,650	40,091	39,630	69	69	70 917	30 094,951	344 601,773	11,450	10,990
20	20	98 892	77 136,343	3 054 752,729	39,602	39,142	70	70	68 620	28 760,798	314 506,822	10,935	10,475
21	21	98 835	76 140,142	2 977 616,386	39,107	38,647	71	71	66 234	27 417,770	285 746,024	10,422	9,962
22	22	98 778	75 156,961	2 901 476,244	38,606	38,145	72	72	63 690	26 039,223	258 328,254	9,921	9,460
23	23	98 720	74 185,530	2 826 319,283	38,098	37,638	73	73	61 089	24 667,477	232 289,031	9,417	8,956
24	24	98 662	73 226,892	2 752 133,753	37,584	37,123	74	74	58 335	23 264,571	207 621,554	8,924	8,464
25	25	98 601	72 277,853	2 678 906,861	37,064	36,604	75	75	55 488	21 855,866	184 356,983	8,435	7,975
26	26	98 538	71 340,132	2 606 629,008	36,538	36,078	76	76	52 510	20 427,520	162 501,118	7,955	7,495
27	27	98 477	70 415,788	2 535 288,875	36,005	35,544	77	77	49 424	18 989,689	142 073,598	7,482	7,021
28	28	98 412	69 500,599	2 464 873,088	35,465	35,005	78	78	46 298	17 569,231	123 083,909	7,006	6,545
29	29	98 343	68 594,489	2 395 372,489	34,921	34,460	79	79	43 025	16 125,327	105 514,678	6,543	6,083
30	30	98 271	67 697,511	2 326 778,000	34,370	33,910	80	80	39 636	14 671,940	89 389,351	6,093	5,632
31	31	98 191	66 807,532	2 259 080,489	33,815	33,354	81	81	36 105	13 199,966	74 717,411	5,660	5,200
32	32	98 103	65 923,663	2 192 272,956	33,255	32,794	82	82	32 491	11 731,968	61 517,446	5,244	4,783
33	33	98 010	65 048,158	2 126 349,293	32,689	32,228	83	83	28 815	10 276,150	49 785,478	4,845	4,384
34	34	97 907	64 177,567	2 061 301,135	32,119	31,658	84	84	25 074	8 831,557	39 509,328	4,474	4,013
35	35	97 801	63 316,524	1 997 123,568	31,542	31,082	85	85	21 372	7 434,615	30 677,771	4,126	3,666
36	36	97 682	62 458,448	1 933 807,043	30,961	30,501	86	86	17 779	6 108,548	23 243,156	3,805	3,345
37	37	97 549	61 603,489	1 871 348,595	30,377	29,917	87	87	14 398	4 885,805	17 134,608	3,507	3,047
38	38	97 402	60 751,567	1 809 745,106	29,789	29,329	88	88	11 298	3 786,364	12 248,803	3,235	2,775
39	39	97 249	59 907,370	1 748 993,539	29,195	28,735	89	89	8 548	2 829,357	8 462,439	2,991	2,531
40	40	97 074	59 061,003	1 689 086,169	28,599	28,139	90	90	6 217	2 032,339	5 633,082	2,772	2,311
41	41	96 892	58 222,780	1 630 025,166	27,996	27,536	91	91	4 330	1 397,999	3 600,743	2,576	2,115
42	42	96 681	57 378,469	1 571 802,386	27,394	26,933	92	92	2 887	920,522	2 202,744	2,393	1,933
43	43	96 466	56 544,268	1 514 423,917	26,783	26,323	93	93	1 819	572,955	1 282,222	2,238	1,778
44	44	96 226	55 707,192	1 457 879,649	26,170	25,710	94	94	1 086	337,775	709,268	2,100	1,639
45	45	95 968	54 872,105	1 402 172,457	25,553	25,093	95	95	611	187,677	371,493	1,979	1,519
46	46	95 685	54 034,635	1 347 300,352	24,934	24,474	96	96	323	98,018	183,815	1,875	1,415
47	47	95 375	53 194,391	1 293 265,718	24,312	23,852	97	97	160	47,822	85,798	1,794	1,334
48	48	95 029	52 347,067	1 240 071,326	23,689	23,229	98	98	75	22,220	37,976	1,709	1,249
49	49	94 635	51 486,894	1 187 724,260	23,068	22,608	99	99	33	9,684	15,756	1,627	1,167
							100	100	13	3,890	6,072	1,561	1,101

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	4 807 006,507	48,209	47,749	50	51	94 025	50 523,196	1 121 730,972	22,202	21,742
1	2	99 351	98 124,536	4 707 295,694	47,973	47,512	51	52	93 528	49 635,825	1 071 207,775	21,581	21,121
2	3	99 314	96 876,969	4 609 171,158	47,578	47,117	52	53	92 988	48 739,955	1 021 571,950	20,960	20,499
3	4	99 291	95 658,691	4 512 294,189	47,171	46,710	53	54	92 387	47 827,031	972 831,996	20,341	19,880
4	5	99 270	94 457,824	4 416 635,498	46,758	46,297	54	55	91 717	46 893,835	925 004,965	19,726	19,265
5	6	99 252	93 274,696	4 322 177,674	46,338	45,878	55	56	90 973	45 939,510	878 111,129	19,115	18,654
6	7	99 236	92 108,058	4 228 902,978	45,912	45,452	56	57	90 150	44 961,776	832 171,619	18,508	18,048
7	8	99 222	90 958,398	4 136 794,920	45,480	45,020	57	58	89 242	43 959,682	787 209,843	17,908	17,447
8	9	99 205	89 820,251	4 045 836,522	45,044	44,583	58	59	88 242	42 930,108	743 250,160	17,313	16,853
9	10	99 192	88 699,888	3 956 016,271	44,600	44,140	59	60	87 154	41 877,628	700 320,052	16,723	16,263
10	11	99 179	87 592,926	3 867 316,383	44,151	43,691	60	61	85 954	40 791,006	658 442,424	16,142	15,681
11	12	99 164	86 498,437	3 779 723,457	43,697	43,237	61	62	84 657	39 679,594	617 651,419	15,566	15,106
12	13	99 151	85 419,252	3 693 225,021	43,236	42,776	62	63	83 248	38 537,215	577 971,824	14,998	14,537
13	14	99 134	84 350,557	3 607 805,769	42,772	42,311	63	64	81 713	37 359,820	539 434,609	14,439	13,979
14	15	99 116	83 293,766	3 523 455,211	42,302	41,841	64	65	80 057	36 150,746	502 074,789	13,888	13,428
15	16	99 092	82 245,762	3 440 161,445	41,828	41,367	65	66	78 293	34 917,740	465 924,044	13,343	12,883
16	17	99 064	81 207,375	3 357 915,683	41,350	40,889	66	67	76 416	33 659,827	431 006,304	12,805	12,344
17	18	99 029	80 176,078	3 276 708,309	40,869	40,409	67	68	74 429	32 379,917	397 346,476	12,271	11,811
18	19	98 986	79 152,285	3 196 532,231	40,385	39,924	68	69	72 338	31 081,531	364 966,559	11,742	11,282
19	20	98 932	78 132,076	3 117 379,946	39,899	39,438	69	70	70 098	29 747,466	333 885,028	11,224	10,764
20	21	98 875	77 123,718	3 039 247,870	39,407	38,947	70	71	67 759	28 399,800	304 137,562	10,709	10,249
21	22	98 818	76 127,213	2 962 124,153	38,910	38,450	71	72	65 319	27 039,007	275 737,762	10,198	9,737
22	23	98 761	75 144,352	2 885 996,939	38,406	37,946	72	73	62 738	25 649,992	248 698,755	9,696	9,235
23	24	98 704	74 173,396	2 810 852,588	37,896	37,435	73	74	60 066	24 254,641	223 048,763	9,196	8,736
24	25	98 646	73 214,864	2 736 679,192	37,379	36,918	74	75	57 274	22 841,339	198 794,123	8,703	8,243
25	26	98 582	72 263,801	2 663 464,328	36,858	36,397	75	76	54 371	21 416,126	175 952,784	8,216	7,756
26	27	98 521	71 327,417	2 591 200,527	36,328	35,868	76	77	51 346	19 975,074	154 536,658	7,736	7,276
27	28	98 457	70 401,018	2 519 873,110	35,793	35,333	77	78	48 241	18 535,105	134 561,583	7,260	6,799
28	29	98 389	69 484,058	2 449 472,092	35,252	34,792	78	79	45 039	17 091,216	116 026,678	6,789	6,328
29	30	98 319	68 577,562	2 379 988,034	34,705	34,245	79	80	41 699	15 628,531	98 935,262	6,330	5,870
30	31	98 243	67 678,368	2 311 410,472	34,153	33,692	80	81	38 238	14 154,585	83 306,731	5,885	5,425
31	32	98 159	66 786,020	2 243 732,104	33,596	33,135	81	82	34 646	12 666,485	69 152,145	5,459	4,999
32	33	98 070	65 901,519	2 176 946,084	33,033	32,573	82	83	30 964	11 180,539	56 485,660	5,052	4,592
33	34	97 976	65 025,376	2 111 044,565	32,465	32,005	83	84	27 224	9 708,949	45 305,121	4,666	4,206
34	35	97 870	64 153,065	2 046 019,189	31,893	31,432	84	85	23 474	8 268,209	35 596,173	4,305	3,845
35	36	97 755	63 286,960	1 981 866,124	31,316	30,855	85	86	19 797	6 886,731	27 327,963	3,968	3,508
36	37	97 635	62 428,664	1 918 579,164	30,732	30,272	86	87	16 263	5 587,620	20 441,233	3,658	3,198
37	38	97 499	61 572,383	1 856 150,500	30,146	29,685	87	88	12 971	4 401,648	14 853,613	3,375	2,914
38	39	97 348	60 717,904	1 794 578,117	29,556	29,096	88	89	10 018	3 357,354	10 451,965	3,113	2,653
39	40	97 186	59 868,392	1 733 860,212	28,961	28,501	89	90	7 447	2 464,918	7 094,612	2,878	2,418
40	41	97 012	59 023,610	1 673 991,821	28,361	27,901	90	91	5 302	1 733,347	4 629,693	2,671	2,211
41	42	96 821	58 180,106	1 614 968,211	27,758	27,298	91	92	3 611	1 166,032	2 896,346	2,484	2,024
42	43	96 603	57 332,173	1 556 788,105	27,154	26,693	92	93	2 344	747,514	1 730,315	2,315	1,854
43	44	96 380	56 493,621	1 499 455,932	26,542	26,082	93	94	1 438	452,944	982,801	2,170	1,709
44	45	96 135	55 654,502	1 442 962,310	25,927	25,467	94	95	837	260,270	529,857	2,036	1,575
45	46	95 865	54 813,081	1 387 307,809	25,310	24,849	95	96	456	139,960	269,586	1,926	1,466
46	47	95 572	53 970,648	1 332 494,728	24,689	24,229	96	97	233	70,640	129,627	1,835	1,375
47	48	95 251	53 125,272	1 278 524,080	24,066	23,606	97	98	113	33,727	58,987	1,749	1,289
48	49	94 884	52 267,651	1 225 398,808	23,445	22,984	98	99	51	15,131	25,260	1,669	1,209
49	50	94 476	51 400,186	1 173 131,158	22,823	22,363	99	100	22	6,360	10,128	1,593	1,132

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0	2	99 689	99 688,636	4 790 190,961	48,052	47,591	50	52	93 830	50 418,285	1 106 193,389	21,940	21,480
1	3	99 338	98 111,642	4 690 502,325	47,808	47,347	51	53	93 322	49 526,407	1 055 775,104	21,317	20,857
2	4	99 304	96 867,310	4 592 390,683	47,409	46,949	52	54	92 757	48 619,149	1 006 248,698	20,697	20,236
3	5	99 282	95 649,885	4 495 523,373	47,000	46,539	53	55	92 132	47 695,302	957 629,549	20,078	19,618
4	6	99 263	94 451,406	4 399 873,488	46,583	46,123	54	56	91 431	46 747,884	909 934,246	19,465	19,004
5	7	99 245	93 267,885	4 305 422,081	46,162	45,702	55	57	90 665	45 784,162	863 186,363	18,853	18,393
6	8	99 231	92 103,671	4 212 154,196	45,733	45,272	56	58	89 811	44 792,887	817 402,201	18,248	17,788
7	9	99 215	90 951,843	4 120 050,525	45,299	44,839	57	59	88 870	43 776,213	772 609,314	17,649	17,189
8	10	99 200	89 815,477	4 029 098,682	44,860	44,399	58	60	87 833	42 731,150	728 833,101	17,056	16,596
9	11	99 187	88 694,957	3 939 283,205	44,414	43,953	59	61	86 708	41 662,929	686 101,951	16,468	16,008
10	12	99 171	87 586,190	3 850 588,248	43,963	43,503	60	62	85 474	40 563,140	644 439,021	15,887	15,427
11	13	99 158	86 492,970	3 763 002,059	43,506	43,046	61	63	84 139	39 436,679	603 875,881	15,313	14,852
12	14	99 143	85 412,501	3 676 509,088	43,044	42,584	62	64	82 685	38 276,696	564 439,202	14,746	14,286
13	15	99 125	84 342,776	3 591 096,588	42,577	42,117	63	65	81 108	37 083,029	526 162,506	14,189	13,728
14	16	99 104	83 284,123	3 506 753,812	42,106	41,646	64	66	79 415	35 861,045	489 079,478	13,638	13,178
15	17	99 079	82 235,248	3 423 469,689	41,630	41,170	65	67	77 607	34 611,939	453 218,433	13,094	12,634
16	18	99 051	81 196,846	3 341 234,441	41,150	40,689	66	68	75 701	33 344,841	418 606,494	12,554	12,093
17	19	99 012	80 163,063	3 260 037,595	40,668	40,207	67	69	73 670	32 049,513	385 261,653	12,021	11,560
18	20	98 970	79 139,275	3 179 874,532	40,181	39,720	68	70	71 502	30 722,655	353 212,140	11,497	11,036
19	21	98 915	78 119,287	3 100 735,257	39,692	39,232	69	71	69 218	29 374,083	322 489,485	10,979	10,518
20	22	98 859	77 110,622	3 022 615,970	39,198	38,738	70	72	66 823	28 007,471	293 115,402	10,466	10,005
21	23	98 801	76 114,441	2 945 505,348	38,698	38,238	71	73	64 342	26 634,831	265 107,931	9,953	9,493
22	24	98 745	75 132,061	2 869 390,907	38,191	37,731	72	74	61 688	25 220,712	238 473,100	9,455	8,995
23	25	98 688	74 161,212	2 794 258,846	37,678	37,218	73	75	58 974	23 813,398	213 252,388	8,955	8,495
24	26	98 627	73 200,629	2 720 097,634	37,159	36,699	74	76	56 121	22 381,772	189 438,991	8,464	8,004
25	27	98 564	72 250,921	2 646 897,005	36,635	36,174	75	77	53 167	20 941,784	167 057,219	7,977	7,517
26	28	98 500	71 312,456	2 574 646,083	36,104	35,643	76	78	50 117	19 496,902	146 115,435	7,494	7,034
27	29	98 433	70 384,264	2 503 333,628	35,567	35,106	77	79	46 928	18 030,812	126 618,533	7,022	6,562
28	30	98 365	69 466,912	2 432 949,364	35,023	34,563	78	80	43 651	16 564,663	108 587,721	6,555	6,095
29	31	98 291	68 558,169	2 363 482,452	34,474	34,014	79	81	40 229	15 077,446	92 023,058	6,103	5,643
30	32	98 211	67 656,575	2 294 924,283	33,920	33,460	80	82	36 693	13 582,524	76 945,612	5,665	5,205
31	33	98 126	66 763,586	2 227 267,708	33,361	32,900	81	83	33 018	12 071,131	63 363,089	5,249	4,789
32	34	98 036	65 878,439	2 160 504,122	32,795	32,335	82	84	29 255	10 563,419	51 291,957	4,856	4,395
33	35	97 938	65 000,550	2 094 625,683	32,225	31,764	83	85	25 488	9 089,634	40 728,538	4,481	4,020
34	36	97 824	64 123,109	2 029 625,133	31,652	31,192	84	86	21 744	7 658,894	31 638,904	4,131	3,671
35	37	97 709	63 256,781	1 965 502,024	31,072	30,611	85	87	18 108	6 299,440	23 980,010	3,807	3,346
36	38	97 586	62 397,142	1 902 245,243	30,486	30,026	86	88	14 651	5 033,916	17 680,569	3,512	3,052
37	39	97 445	61 538,266	1 839 848,101	29,898	29,437	87	89	11 502	3 902,923	12 646,653	3,240	2,780
38	40	97 285	60 678,398	1 778 309,835	29,307	28,847	88	90	8 727	2 924,906	8 743,730	2,989	2,529
39	41	97 124	59 830,487	1 717 631,437	28,708	28,248	89	91	6 351	2 102,287	5 818,824	2,768	2,307
40	42	96 941	58 980,349	1 657 800,950	28,108	27,647	90	92	4 422	1 445,736	3 716,538	2,571	2,110
41	43	96 743	58 133,163	1 598 820,601	27,503	27,042	91	93	2 933	946,881	2 270,802	2,398	1,938
42	44	96 516	57 280,821	1 540 687,438	26,897	26,437	92	94	1 853	590,940	1 323,921	2,240	1,780
43	45	96 289	56 440,187	1 483 406,617	26,283	25,822	93	95	1 108	349,013	732,980	2,100	1,640
44	46	96 032	55 594,636	1 426 966,430	25,667	25,207	94	96	624	194,096	383,967	1,978	1,518
45	47	95 752	54 748,172	1 371 371,794	25,049	24,588	95	97	328	100,867	189,872	1,882	1,422
46	48	95 447	53 900,520	1 316 623,622	24,427	23,967	96	98	164	49,820	89,005	1,787	1,326
47	49	95 106	53 044,675	1 262 723,102	23,805	23,345	97	99	77	22,967	39,185	1,706	1,246
48	50	94 725	52 179,628	1 209 678,427	23,183	22,723	98	100	34	9,937	16,218	1,632	1,172
49	51	94 302	51 305,410	1 157 498,798	22,561	22,101							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	4 772 222,991	47,878	47,417	50	53	93 623	50 307,141	1 089 605,035	21,659	21,199
1	4	99 328	98 101,860	4 672 547,454	47,630	47,169	51	54	93 091	49 403,652	1 039 297,894	21,037	20,576
2	5	99 295	96 858,393	4 574 445,594	47,228	46,768	52	55	92 502	48 485,239	989 894,242	20,416	19,956
3	6	99 275	95 643,387	4 477 587,201	46,815	46,355	53	56	91 846	47 546,856	941 409,004	19,800	19,339
4	7	99 256	94 444,510	4 381 943,814	46,397	45,937	54	57	91 122	46 589,802	893 862,147	19,186	18,725
5	8	99 240	93 263,443	4 287 499,304	45,972	45,512	55	58	90 325	45 612,183	847 272,346	18,576	18,115
6	9	99 224	92 097,034	4 194 235,861	45,541	45,081	56	59	89 436	44 605,940	801 660,162	17,972	17,512
7	10	99 210	90 947,009	4 102 138,828	45,105	44,644	57	60	88 458	43 573,334	757 054,222	17,374	16,914
8	11	99 194	89 810,484	4 011 191,819	44,663	44,202	58	61	87 382	42 512,076	713 480,888	16,783	16,323
9	12	99 179	88 688,136	3 921 381,335	44,215	43,755	59	62	86 223	41 430,193	670 968,812	16,195	15,735
10	13	99 165	87 580,654	3 832 693,200	43,762	43,301	60	63	84 951	40 314,816	629 538,620	15,616	15,155
11	14	99 150	86 486,134	3 745 112,545	43,303	42,843	61	64	83 570	39 170,080	589 223,804	15,043	14,582
12	15	99 134	85 404,621	3 658 626,411	42,839	42,378	62	65	82 072	37 993,112	550 053,724	14,478	14,017
13	16	99 114	84 333,011	3 573 221,790	42,370	41,910	63	66	80 458	36 785,857	512 060,612	13,920	13,460
14	17	99 092	83 273,476	3 488 888,779	41,897	41,436	64	67	78 720	35 546,982	475 274,756	13,370	12,910
15	18	99 067	82 224,586	3 405 615,303	41,418	40,958	65	68	76 881	34 288,043	439 727,773	12,825	12,364
16	19	99 035	81 183,666	3 323 390,717	40,937	40,476	66	69	74 928	33 004,591	405 439,731	12,284	11,824
17	20	98 996	80 149,887	3 242 207,051	40,452	39,991	67	70	72 819	31 679,460	372 435,140	11,756	11,296
18	21	98 954	79 126,321	3 162 057,164	39,962	39,502	68	71	70 605	30 337,031	340 755,680	11,232	10,772
19	22	98 899	78 106,023	3 082 930,843	39,471	39,011	69	72	68 262	28 968,295	310 418,648	10,716	10,255
20	23	98 842	77 097,685	3 004 824,820	38,974	38,514	70	73	65 824	27 588,818	281 450,353	10,202	9,741
21	24	98 785	76 101,992	2 927 727,135	38,471	38,011	71	74	63 266	26 189,069	253 861,535	9,693	9,233
22	25	98 729	75 119,719	2 851 625,144	37,961	37,501	72	75	60 566	24 761,894	227 672,466	9,194	8,734
23	26	98 668	74 146,794	2 776 505,424	37,446	36,986	73	76	57 787	23 334,272	202 910,572	8,696	8,235
24	27	98 609	73 187,582	2 702 358,631	36,924	36,463	74	77	54 878	21 886,042	179 576,300	8,205	7,745
25	28	98 544	72 235,767	2 629 171,049	36,397	35,937	75	78	51 894	20 440,470	157 690,258	7,715	7,254
26	29	98 477	71 295,484	2 556 935,282	35,864	35,404	76	79	48 754	18 966,441	137 249,788	7,236	6,776
27	30	98 409	70 366,895	2 485 639,798	35,324	34,864	77	80	45 482	17 475,311	118 283,347	6,769	6,308
28	31	98 337	69 447,268	2 415 272,902	34,779	34,318	78	81	42 112	15 980,568	100 808,036	6,308	5,848
29	32	98 260	68 536,093	2 345 825,635	34,228	33,767	79	82	38 603	14 468,086	84 827,468	5,863	5,403
30	33	98 178	67 633,849	2 277 289,541	33,671	33,210	80	83	34 968	12 944,114	70 359,381	5,436	4,975
31	34	98 092	66 740,204	2 209 655,693	33,108	32,648	81	84	31 195	11 404,855	57 415,267	5,034	4,574
32	35	97 998	65 853,287	2 142 915,489	32,541	32,080	82	85	27 389	9 889,600	46 010,413	4,652	4,192
33	36	97 893	64 970,199	2 077 062,203	31,969	31,509	83	86	23 610	8 419,785	36 120,813	4,290	3,830
34	37	97 777	64 092,532	2 012 092,004	31,394	30,933	84	87	19 890	7 005,755	27 701,028	3,954	3,494
35	38	97 659	63 224,840	1 947 999,472	30,811	30,350	85	88	16 314	5 675,199	20 695,273	3,647	3,186
36	39	97 532	62 362,567	1 884 774,632	30,223	29,762	86	89	12 991	4 463,553	15 020,074	3,365	2,905
37	40	97 382	61 498,226	1 822 412,064	29,634	29,173	87	90	10 020	3 400,202	10 556,521	3,105	2,644
38	41	97 223	60 639,981	1 760 913,838	29,039	28,578	88	91	7 443	2 494,602	7 156,318	2,869	2,408
39	42	97 053	59 786,635	1 700 273,857	28,439	27,979	89	92	5 297	1 753,458	4 661,716	2,659	2,198
40	43	96 863	58 932,761	1 640 487,222	27,837	27,376	90	93	3 591	1 174,016	2 908,258	2,477	2,017
41	44	96 657	58 081,093	1 581 554,462	27,230	26,770	91	94	2 318	748,548	1 734,242	2,317	1,856
42	45	96 425	57 226,642	1 523 473,368	26,622	26,161	92	95	1 428	455,345	985,694	2,165	1,704
43	46	96 185	56 379,476	1 466 246,726	26,007	25,546	93	96	826	260,275	530,349	2,038	1,577
44	47	95 918	55 528,802	1 409 867,250	25,390	24,929	94	97	450	139,882	270,073	1,931	1,470
45	48	95 627	54 677,034	1 354 338,448	24,770	24,309	95	98	232	71,137	130,191	1,830	1,370
46	49	95 303	53 818,747	1 299 661,414	24,149	23,688	96	99	112	33,926	59,054	1,741	1,280
47	50	94 946	52 955,344	1 245 842,668	23,526	23,066	97	100	50	15,084	25,127	1,666	1,205
48	51	94 550	52 083,414	1 192 887,323	22,903	22,443							
49	52	94 106	51 198,873	1 140 803,909	22,282	21,821							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	4 753 067,380	47,690	47,230	50	54	93 391	50 182,451	1 071 947,635	21,361	20,901
1	5	99 319	98 092,830	4 653 401,781	47,439	46,978	51	55	92 834	49 267,580	1 021 765,184	20,739	20,279
2	6	99 288	96 851,812	4 555 308,951	47,034	46,573	52	56	92 214	48 334,334	972 497,604	20,120	19,660
3	7	99 268	95 636,403	4 458 457,139	46,619	46,158	53	57	91 535	47 386,072	924 163,270	19,503	19,042
4	8	99 251	94 440,012	4 362 820,736	46,197	45,736	54	58	90 780	46 414,797	876 777,197	18,890	18,430
5	9	99 233	93 256,722	4 268 380,724	45,770	45,310	55	59	89 948	45 421,817	830 362,400	18,281	17,821
6	10	99 219	92 092,138	4 175 124,002	45,336	44,876	56	60	89 022	44 399,216	784 940,583	17,679	17,219
7	11	99 204	90 941,953	4 083 031,864	44,897	44,437	57	61	88 005	43 349,942	740 541,367	17,083	16,622
8	12	99 187	89 803,577	3 992 089,911	44,454	43,993	58	62	86 894	42 274,595	697 191,425	16,492	16,032
9	13	99 173	88 682,531	3 902 286,334	44,003	43,542	59	63	85 695	41 176,561	654 916,830	15,905	15,445
10	14	99 157	87 573,732	3 813 603,803	43,547	43,087	60	64	84 376	40 042,280	613 740,269	15,327	14,867
11	15	99 141	86 478,156	3 726 030,071	43,086	42,626	61	65	82 951	38 879,877	573 697,989	14,756	14,295
12	16	99 122	85 394,734	3 639 551,916	42,620	42,160	62	66	81 415	37 688,647	534 818,113	14,190	13,730
13	17	99 101	84 322,230	3 554 157,182	42,150	41,689	63	67	79 753	36 463,695	497 129,466	13,634	13,173
14	18	99 079	83 262,679	3 469 834,952	41,673	41,213	64	68	77 983	35 214,336	460 665,771	13,082	12,621
15	19	99 050	82 211,239	3 386 572,272	41,194	40,733	65	69	76 097	33 938,168	425 451,435	12,536	12,076
16	20	99 019	81 170,322	3 304 361,033	40,709	40,249	66	70	74 063	32 623,510	391 513,267	12,001	11,541
17	21	98 980	80 136,768	3 223 190,711	40,221	39,761	67	71	71 905	31 281,827	358 889,756	11,473	11,012
18	22	98 937	79 112,886	3 143 053,943	39,729	39,268	68	72	69 630	29 917,941	327 607,930	10,950	10,490
19	23	98 882	78 092,918	3 063 941,057	39,235	38,774	69	73	67 242	28 535,280	297 689,989	10,432	9,972
20	24	98 826	77 085,075	2 985 848,139	38,734	38,274	70	74	64 723	27 127,090	269 154,709	9,922	9,462
21	25	98 769	76 089,491	2 908 763,064	38,228	37,768	71	75	62 115	25 712,635	242 027,619	9,413	8,952
22	26	98 710	75 105,115	2 832 673,574	37,716	37,256	72	76	59 347	24 263,685	216 314,984	8,915	8,455
23	27	98 651	74 133,578	2 757 568,459	37,197	36,737	73	77	56 507	22 817,446	192 051,299	8,417	7,956
24	28	98 589	73 172,321	2 683 434,881	36,673	36,212	74	78	53 564	21 362,124	169 233,853	7,922	7,462
25	29	98 520	72 218,575	2 610 262,650	36,144	35,684	75	79	50 482	19 884,336	147 871,729	7,437	6,976
26	30	98 452	71 277,891	2 538 044,075	35,608	35,147	76	80	47 252	18 382,115	127 987,393	6,963	6,502
27	31	98 381	70 346,996	2 466 766,184	35,066	34,605	77	81	43 879	16 859,106	109 605,278	6,501	6,041
28	32	98 305	69 424,905	2 396 419,187	34,518	34,058	78	82	40 410	15 334,709	92 746,172	6,048	5,588
29	33	98 227	68 513,072	2 326 994,282	33,964	33,504	79	83	36 788	13 788,053	77 411,463	5,614	5,154
30	34	98 144	67 610,161	2 258 481,210	33,404	32,944	80	84	33 038	12 229,652	63 623,410	5,202	4,742
31	35	98 055	66 714,723	2 190 871,049	32,839	32,379	81	85	29 205	10 677,362	51 393,758	4,813	4,353
32	36	97 953	65 822,537	2 124 156,326	32,271	31,811	82	86	25 370	9 160,798	40 716,396	4,445	3,984
33	37	97 846	64 939,217	2 058 333,789	31,696	31,236	83	87	21 596	7 701,758	31 555,598	4,097	3,637
34	38	97 728	64 060,169	1 993 394,572	31,118	30,657	84	88	17 919	6 311,521	23 853,839	3,779	3,319
35	39	97 605	63 189,807	1 929 334,402	30,532	30,072	85	89	14 466	5 032,176	17 542,318	3,486	3,026
36	40	97 468	62 321,991	1 866 144,595	29,944	29,483	86	90	11 318	3 888,620	12 510,142	3,217	2,757
37	41	97 320	61 459,290	1 803 822,604	29,350	28,889	87	91	8 546	2 899,975	8 621,523	2,973	2,513
38	42	97 152	60 595,536	1 742 363,314	28,754	28,294	88	92	6 208	2 080,677	5 721,548	2,750	2,289
39	43	96 975	59 738,396	1 681 767,779	28,152	27,692	89	93	4 302	1 423,903	3 640,871	2,557	2,097
40	44	96 776	58 879,975	1 622 029,383	27,548	27,088	90	94	2 839	928,108	2 216,968	2,389	1,928
41	45	96 565	58 026,157	1 563 149,408	26,939	26,478	91	95	1 786	576,789	1 288,860	2,235	1,774
42	46	96 321	57 165,086	1 505 123,251	26,329	25,869	92	96	1 065	339,572	712,070	2,097	1,637
43	47	96 071	56 312,712	1 447 958,165	25,713	25,252	93	97	596	187,577	372,498	1,986	1,525
44	48	95 793	55 456,649	1 391 645,453	25,094	24,634	94	98	317	98,653	184,921	1,874	1,414
45	49	95 482	54 594,083	1 336 188,803	24,475	24,015	95	99	158	48,443	86,268	1,781	1,320
46	50	95 142	53 728,113	1 281 594,721	23,853	23,393	96	100	73	22,281	37,825	1,698	1,237
47	51	94 771	52 857,700	1 227 866,608	23,230	22,769							
48	52	94 354	51 975,263	1 175 008,908	22,607	22,147							
49	53	93 898	51 086,010	1 123 033,645	21,983	21,523							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	4 732 701,496	47,490	47,030	50	55	93 133	50 044,235	1 053 217,164	21,046	20,585
1	6	99 312	98 086,165	4 633 045,071	47,234	46,774	51	56	92 545	49 114,241	1 003 172,929	20,425	19,965
2	7	99 281	96 844,741	4 534 958,906	46,827	46,367	52	57	91 902	48 170,887	954 058,688	19,806	19,345
3	8	99 263	95 631,848	4 438 114,166	46,408	45,948	53	58	91 191	47 208,077	905 887,801	19,189	18,729
4	9	99 244	94 433,206	4 342 482,318	45,985	45,524	54	59	90 401	46 221,081	858 679,724	18,578	18,117
5	10	99 228	93 251,765	4 248 049,112	45,555	45,094	55	60	89 531	45 211,312	812 458,643	17,970	17,510
6	11	99 213	92 087,019	4 154 797,347	45,118	44,658	56	61	88 566	44 171,590	767 247,331	17,370	16,909
7	12	99 196	90 934,959	4 062 710,328	44,677	44,217	57	62	87 513	43 107,781	723 075,742	16,774	16,313
8	13	99 181	89 797,901	3 971 775,369	44,230	43,770	58	63	86 362	42 015,794	679 967,961	16,184	15,723
9	14	99 165	88 675,522	3 881 977,468	43,777	43,317	59	64	85 116	40 898,199	637 952,167	15,599	15,138
10	15	99 148	87 565,653	3 793 301,946	43,320	42,859	60	65	83 751	39 745,615	597 053,967	15,022	14,561
11	16	99 129	86 468,144	3 705 736,293	42,857	42,396	61	66	82 286	38 568,305	557 308,353	14,450	13,990
12	17	99 110	85 383,817	3 619 268,149	42,388	41,928	62	67	80 702	37 358,579	518 740,047	13,885	13,425
13	18	99 088	84 311,298	3 533 884,332	41,915	41,454	63	68	79 007	36 122,470	481 381,469	13,326	12,866
14	19	99 063	83 249,164	3 449 573,035	41,437	40,976	64	69	77 188	34 855,010	445 258,999	12,775	12,314
15	20	99 034	82 197,726	3 366 323,870	40,954	40,494	65	70	75 218	33 546,308	410 403,989	12,234	11,774
16	21	99 003	81 157,036	3 284 126,144	40,466	40,006	66	71	73 134	32 214,028	376 857,681	11,699	11,238
17	22	98 963	80 123,161	3 202 969,109	39,976	39,515	67	72	70 912	30 849,684	344 643,653	11,172	10,711
18	23	98 920	79 099,613	3 122 845,948	39,480	39,020	68	73	68 589	29 470,730	313 793,969	10,648	10,187
19	24	98 866	78 080,145	3 043 746,335	38,982	38,522	69	74	66 116	28 057,712	284 323,238	10,134	9,673
20	25	98 810	77 072,412	2 965 666,189	38,479	38,019	70	75	63 545	26 633,591	256 265,526	9,622	9,162
21	26	98 750	76 074,698	2 888 593,777	37,970	37,510	71	76	60 865	25 195,297	229 631,935	9,114	8,654
22	27	98 692	75 091,728	2 812 519,080	37,454	36,994	72	77	58 033	23 726,273	204 436,638	8,616	8,156
23	28	98 630	74 118,028	2 737 427,352	36,933	36,473	73	78	55 155	22 271,232	180 710,365	8,114	7,654
24	29	98 565	73 154,817	2 663 309,323	36,406	35,946	74	79	52 107	20 780,914	158 439,134	7,624	7,164
25	30	98 496	72 200,754	2 590 154,506	35,874	35,414	75	80	48 927	19 271,732	137 658,219	7,143	6,683
26	31	98 424	71 257,735	2 517 953,752	35,336	34,875	76	81	45 586	17 733,934	118 386,487	6,676	6,215
27	32	98 349	70 324,344	2 446 696,017	34,792	34,331	77	82	42 105	16 177,740	100 652,553	6,222	5,761
28	33	98 272	69 401,585	2 376 371,673	34,241	33,780	78	83	38 511	14 613,943	84 474,813	5,780	5,320
29	34	98 192	68 489,076	2 306 970,088	33,684	33,223	79	84	34 758	13 027,010	69 860,871	5,363	4,902
30	35	98 106	67 584,348	2 238 481,011	33,121	32,661	80	85	30 931	11 449,547	56 833,861	4,964	4,503
31	36	98 009	66 683,571	2 170 896,663	32,555	32,095	81	86	27 053	9 890,507	45 384,314	4,589	4,128
32	37	97 906	65 791,149	2 104 213,092	31,983	31,523	82	87	23 207	8 379,579	35 493,807	4,236	3,775
33	38	97 797	64 906,427	2 038 421,943	31,406	30,945	83	88	19 456	6 938,554	27 114,228	3,908	3,447
34	39	97 674	64 024,673	1 973 515,515	30,824	30,364	84	89	15 889	5 596,400	20 175,673	3,605	3,145
35	40	97 542	63 148,693	1 909 490,842	30,238	29,778	85	90	12 602	4 384,000	14 579,273	3,326	2,865
36	41	97 406	62 282,534	1 846 342,149	29,645	29,184	86	91	9 653	3 316,537	10 195,273	3,074	2,614
37	42	97 249	61 414,244	1 784 059,616	29,050	28,589	87	92	7 128	2 418,787	6 878,735	2,844	2,383
38	43	97 074	60 546,644	1 722 645,372	28,452	27,991	88	93	5 041	1 689,623	4 459,948	2,640	2,179
39	44	96 888	59 684,889	1 662 098,728	27,848	27,388	89	94	3 401	1 125,654	2 770,325	2,461	2,001
40	45	96 685	58 824,283	1 602 413,840	27,241	26,780	90	95	2 188	715,148	1 644,671	2,300	1,839
41	46	96 461	57 963,741	1 543 589,556	26,630	26,170	91	96	1 332	430,138	929,524	2,161	1,701
42	47	96 207	57 097,391	1 485 625,816	26,019	25,559	92	97	767	244,725	499,385	2,041	1,580
43	48	95 946	56 239,541	1 428 528,424	25,401	24,940	93	98	420	132,291	254,660	1,925	1,465
44	49	95 648	55 372,515	1 372 288,883	24,783	24,322	94	99	216	67,181	122,370	1,822	1,361
45	50	95 321	54 502,143	1 316 916,368	24,163	23,702	95	100	104	31,815	55,189	1,735	1,274
46	51	94 967	53 629,043	1 262 414,225	23,540	23,079							
47	52	94 574	52 747,941	1 208 785,182	22,916	22,456							
48	53	94 146	51 860,688	1 156 037,241	22,291	21,831							
49	54	93 666	50 959,389	1 104 176,553	21,668	21,207							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	4 711 111,709	47,277	46,816	50	56	92 844	49 888,478	1 033 416,399	20,715	20,254
1	7	99 305	98 079,003	4 611 462,055	47,018	46,557	51	57	92 232	48 948,157	983 527,921	20,093	19,633
2	8	99 276	96 840,128	4 513 383,052	46,607	46,146	52	58	91 557	47 989,944	934 579,764	19,474	19,014
3	9	99 256	95 624,956	4 416 542,924	46,186	45,726	53	59	90 811	47 011,050	886 589,821	18,859	18,399
4	10	99 239	94 428,186	4 320 917,968	45,759	45,298	54	60	89 982	46 006,871	839 578,771	18,249	17,789
5	11	99 222	93 246,581	4 226 489,782	45,326	44,866	55	61	89 072	44 979,522	793 571,899	17,643	17,183
6	12	99 205	92 079,937	4 133 243,201	44,888	44,427	56	62	88 071	43 924,839	748 592,377	17,043	16,582
7	13	99 190	90 929,212	4 041 163,264	44,443	43,983	57	63	86 977	42 843,879	704 667,538	16,447	15,987
8	14	99 173	89 790,804	3 950 234,052	43,994	43,533	58	64	85 779	41 731,759	661 823,659	15,859	15,399
9	15	99 156	88 667,341	3 860 443,248	43,539	43,078	59	65	84 485	40 595,193	620 091,900	15,275	14,815
10	16	99 137	87 555,516	3 771 775,907	43,079	42,618	60	66	83 080	39 427,106	579 496,707	14,698	14,238
11	17	99 117	86 457,090	3 684 220,391	42,613	42,153	61	67	81 566	38 230,533	540 069,601	14,127	13,666
12	18	99 097	85 372,747	3 597 763,302	42,142	41,681	62	68	79 946	37 008,979	501 839,668	13,560	13,100
13	19	99 072	84 297,612	3 512 390,555	41,667	41,206	63	69	78 201	35 753,877	464 830,089	13,001	12,540
14	20	99 046	83 235,481	3 428 092,943	41,185	40,725	64	70	76 296	34 452,564	429 076,211	12,454	11,994
15	21	99 018	82 184,272	3 344 857,462	40,699	40,239	65	71	74 274	33 125,243	394 623,648	11,913	11,453
16	22	98 986	81 143,256	3 262 673,190	40,209	39,748	66	72	72 123	31 769,007	361 498,605	11,379	10,919
17	23	98 947	80 109,718	3 181 529,935	39,715	39,254	67	73	69 852	30 388,546	329 729,398	10,850	10,390
18	24	98 904	79 086,675	3 101 420,217	39,215	38,755	68	74	67 441	28 977,507	299 340,851	10,330	9,870
19	25	98 850	78 067,319	3 022 333,541	38,714	38,254	69	75	64 914	27 547,283	270 363,344	9,815	9,354
20	26	98 790	77 057,428	2 944 266,222	38,209	37,748	70	76	62 267	26 097,724	242 816,061	9,304	8,844
21	27	98 732	76 061,138	2 867 208,794	37,696	37,236	71	77	59 517	24 637,251	216 718,338	8,796	8,336
22	28	98 671	75 075,978	2 791 147,656	37,178	36,717	72	78	56 643	23 158,303	192 081,087	8,294	7,834
23	29	98 607	74 100,389	2 716 071,678	36,654	36,194	73	79	53 654	21 665,288	168 922,784	7,797	7,337
24	30	98 541	73 136,765	2 641 971,289	36,124	35,663	74	80	50 502	20 140,688	147 257,496	7,311	6,851
25	31	98 468	72 180,337	2 568 834,524	35,589	35,129	75	81	47 202	18 592,182	127 116,809	6,837	6,377
26	32	98 393	71 234,789	2 496 654,187	35,048	34,588	76	82	43 743	17 017,212	108 524,627	6,377	5,917
27	33	98 316	70 300,722	2 425 419,397	34,501	34,040	77	83	40 126	15 417,349	91 507,415	5,935	5,475
28	34	98 238	69 377,279	2 355 118,676	33,947	33,486	78	84	36 385	13 807,313	76 090,066	5,511	5,050
29	35	98 155	68 462,928	2 285 741,397	33,387	32,926	79	85	32 541	12 196,043	62 282,753	5,107	4,646
30	36	98 061	67 552,790	2 217 278,469	32,823	32,363	80	86	28 651	10 605,787	50 086,710	4,723	4,262
31	37	97 962	66 651,773	2 149 725,679	32,253	31,793	81	87	24 746	9 047,059	39 480,923	4,364	3,904
32	38	97 856	65 757,929	2 083 073,906	31,678	31,218	82	88	20 907	7 549,207	30 433,863	4,031	3,571
33	39	97 742	64 870,462	2 017 315,977	31,098	30,637	83	89	17 252	6 152,388	22 884,657	3,720	3,259
34	40	97 610	63 983,016	1 952 445,515	30,515	30,055	84	90	13 842	4 875,549	16 732,269	3,432	2,971
35	41	97 480	63 108,712	1 888 462,499	29,924	29,464	85	91	10 748	3 739,039	11 856,719	3,171	2,711
36	42	97 335	62 236,884	1 825 353,787	29,329	28,869	86	92	8 051	2 766,230	8 117,680	2,935	2,474
37	43	97 171	61 364,692	1 763 116,903	28,732	28,271	87	93	5 788	1 964,186	5 351,450	2,725	2,264
38	44	96 987	60 492,413	1 701 752,212	28,132	27,671	88	94	3 985	1 335,716	3 387,264	2,536	2,076
39	45	96 797	59 628,436	1 641 259,799	27,525	27,064	89	95	2 620	867,365	2 051,547	2,365	1,905
40	46	96 581	58 761,008	1 581 631,363	26,916	26,456	90	96	1 631	533,319	1 184,182	2,220	1,760
41	47	96 347	57 895,101	1 522 870,355	26,304	25,844	91	97	960	309,995	650,863	2,100	1,639
42	48	96 082	57 023,201	1 464 975,255	25,691	25,230	92	98	541	172,595	340,868	1,975	1,515
43	49	95 801	56 154,220	1 407 952,054	25,073	24,613	93	99	286	90,087	168,273	1,868	1,408
44	50	95 487	55 279,264	1 351 797,834	24,454	23,994	94	100	142	44,120	78,186	1,772	1,312
45	51	95 146	54 401,646	1 296 518,570	23,832	23,372							
46	52	94 770	53 517,682	1 242 116,923	23,209	22,749							
47	53	94 366	52 631,662	1 188 599,241	22,583	22,123							
48	54	93 912	51 732,147	1 135 967,579	21,959	21,498							
49	55	93 408	50 819,033	1 084 235,432	21,335	20,875							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	4 688 288,957	47,051	46,591	50	57	92 530	49 719,776	1 012 558,660	20,365	19,905
1	8	99 300	98 074,332	4 588 646,579	46,787	46,327	51	58	91 886	48 764,293	962 838,884	19,745	19,284
2	9	99 269	96 833,149	4 490 572,248	46,374	45,914	52	59	91 175	47 789,654	914 074,591	19,127	18,667
3	10	99 251	95 619,873	4 393 739,099	45,950	45,490	53	60	90 390	46 793,179	866 284,937	18,513	18,053
4	11	99 233	94 422,937	4 298 119,225	45,520	45,059	54	61	89 520	45 771,003	819 491,757	17,904	17,444
5	12	99 214	93 239,410	4 203 696,288	45,085	44,625	55	62	88 575	44 728,258	773 720,754	17,298	16,838
6	13	99 199	92 074,118	4 110 456,879	44,643	44,183	56	63	87 532	43 655,935	728 992,496	16,699	16,238
7	14	99 182	90 922,025	4 018 382,761	44,196	43,736	57	64	86 389	42 554,246	685 336,561	16,105	15,645
8	15	99 164	89 782,521	3 927 460,736	43,744	43,284	58	65	85 143	41 422,577	642 782,315	15,518	15,057
9	16	99 145	88 657,076	3 837 678,215	43,287	42,826	59	66	83 808	40 269,875	601 359,738	14,933	14,473
10	17	99 124	87 544,323	3 749 021,139	42,824	42,364	60	67	82 352	39 081,812	561 089,862	14,357	13,896
11	18	99 104	86 445,880	3 661 476,817	42,356	41,895	61	68	80 802	37 872,775	522 008,050	13,783	13,323
12	19	99 081	85 358,889	3 575 030,936	41,882	41,422	62	69	79 131	36 631,341	484 135,276	13,216	12,756
13	20	99 056	84 283,756	3 489 672,047	41,404	40,943	63	70	77 298	35 341,052	447 503,935	12,662	12,202
14	21	99 030	83 221,856	3 405 388,291	40,919	40,459	64	71	75 339	34 020,123	412 162,882	12,115	11,655
15	22	99 001	82 170,317	3 322 166,435	40,430	39,970	65	72	73 248	32 667,634	378 142,759	11,575	11,115
16	23	98 969	81 129,642	3 239 996,117	39,936	39,476	66	73	71 045	31 294,128	345 475,125	11,040	10,579
17	24	98 930	80 096,615	3 158 866,476	39,438	38,978	67	74	68 683	29 879,962	314 180,997	10,515	10,054
18	25	98 888	79 073,684	3 078 769,860	38,935	38,475	68	75	66 214	28 450,345	284 301,035	9,993	9,532
19	26	98 830	78 052,142	2 999 696,176	38,432	37,972	69	76	63 608	26 993,032	255 850,690	9,478	9,018
20	27	98 773	77 043,693	2 921 644,035	37,922	37,462	70	77	60 887	25 519,690	228 857,658	8,968	8,507
21	28	98 711	76 045,185	2 844 600,341	37,407	36,946	71	78	58 092	24 047,473	203 337,968	8,456	7,995
22	29	98 648	75 058,111	2 768 555,157	36,885	36,425	72	79	55 102	22 528,224	179 290,495	7,958	7,498
23	30	98 582	74 082,104	2 693 497,046	36,358	35,898	73	80	52 001	20 997,815	156 762,271	7,466	7,005
24	31	98 513	73 116,083	2 619 414,942	35,825	35,365	74	81	48 721	19 430,497	135 764,456	6,987	6,527
25	32	98 436	72 157,095	2 546 298,859	35,288	34,828	75	82	45 294	17 840,773	116 333,959	6,521	6,060
26	33	98 360	71 210,861	2 474 141,765	34,744	34,283	76	83	41 687	16 217,364	98 493,186	6,073	5,613
27	34	98 282	70 276,101	2 402 930,904	34,193	33,732	77	84	37 911	14 566,375	82 275,822	5,648	5,188
28	35	98 200	69 350,791	2 332 654,803	33,636	33,175	78	85	34 064	12 926,572	67 709,447	5,238	4,778
29	36	98 109	68 430,960	2 263 304,012	33,074	32,614	79	86	30 143	11 297,271	54 782,875	4,849	4,389
30	37	98 014	67 520,578	2 194 873,052	32,507	32,046	80	87	26 208	9 701,341	43 485,604	4,482	4,022
31	38	97 913	66 618,118	2 127 352,475	31,934	31,473	81	88	22 294	8 150,543	33 784,263	4,145	3,685
32	39	97 802	65 721,492	2 060 734,357	31,356	30,895	82	89	18 538	6 693,851	25 633,719	3,829	3,369
33	40	97 679	64 828,255	1 995 012,865	30,774	30,313	83	90	15 030	5 359,922	18 939,868	3,534	3,073
34	41	97 549	63 942,506	1 930 184,610	30,186	29,726	84	91	11 806	4 158,273	13 579,946	3,266	2,805
35	42	97 409	63 062,457	1 866 242,104	29,594	29,133	85	92	8 965	3 118,627	9 421,673	3,021	2,561
36	43	97 256	62 186,668	1 803 179,647	28,996	28,536	86	93	6 538	2 246,329	6 303,046	2,806	2,346
37	44	97 084	61 309,727	1 740 992,979	28,397	27,936	87	94	4 576	1 552,770	4 056,717	2,613	2,152
38	45	96 895	60 435,196	1 679 683,252	27,793	27,333	88	95	3 071	1 029,228	2 503,947	2,433	1,972
39	46	96 692	59 564,296	1 619 248,056	27,185	26,724	89	96	1 954	646,835	1 474,719	2,280	1,820
40	47	96 466	58 691,424	1 559 683,760	26,574	26,114	90	97	1 176	384,356	827,885	2,154	1,694
41	48	96 222	57 819,874	1 500 992,336	25,960	25,499	91	98	677	218,627	443,529	2,029	1,568
42	49	95 936	56 936,690	1 443 172,463	25,347	24,887	92	99	369	117,533	224,902	1,914	1,453
43	50	95 639	56 059,653	1 386 235,772	24,728	24,267	93	100	188	59,164	107,369	1,815	1,354
44	51	95 311	55 177,335	1 330 176,120	24,107	23,647							
45	52	94 948	54 288,681	1 274 998,785	23,486	23,025							
46	53	94 561	53 399,707	1 220 710,104	22,860	22,399							
47	54	94 132	52 501,210	1 167 310,397	22,234	21,774							
48	55	93 654	51 589,662	1 114 809,187	21,609	21,149							
49	56	93 117	50 660,865	1 063 219,524	20,987	20,527							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	4 664 232,784	46,812	46,352	50	58	92 182	49 533,014	990 658,563	20,000	19,540
1	9	99 293	98 067,264	4 564 595,152	46,546	46,085	51	59	91 502	48 560,772	941 125,548	19,380	18,920
2	10	99 264	96 828,002	4 466 527,889	46,128	45,668	52	60	90 752	47 568,175	892 564,777	18,764	18,304
3	11	99 245	95 614,558	4 369 699,886	45,701	45,241	53	61	89 926	46 553,280	844 996,602	18,151	17,691
4	12	99 226	94 415,675	4 274 085,329	45,269	44,808	54	62	89 020	45 515,318	798 443,323	17,542	17,082
5	13	99 208	93 233,517	4 179 669,653	44,830	44,370	55	63	88 032	44 454,436	752 928,005	16,937	16,477
6	14	99 191	92 066,840	4 086 436,136	44,386	43,925	56	64	86 940	43 360,813	708 473,569	16,339	15,879
7	15	99 173	90 913,637	3 994 369,296	43,936	43,475	57	65	85 749	42 238,971	665 112,757	15,746	15,286
8	16	99 152	89 772,126	3 903 455,658	43,482	43,021	58	66	84 461	41 090,629	622 873,786	15,159	14,698
9	17	99 132	88 645,742	3 813 683,532	43,022	42,561	59	67	83 074	39 917,201	581 783,157	14,575	14,114
10	18	99 111	87 532,972	3 725 037,790	42,556	42,095	60	68	81 582	38 716,087	541 865,955	13,996	13,535
11	19	99 088	86 431,848	3 637 504,818	42,085	41,625	61	69	79 978	37 486,322	503 149,868	13,422	12,962
12	20	99 064	85 344,859	3 551 072,969	41,609	41,148	62	70	78 217	36 208,385	465 663,546	12,861	12,400
13	21	99 039	84 269,961	3 465 728,111	41,126	40,666	63	71	76 327	34 897,460	429 455,161	12,306	11,846
14	22	99 013	83 207,726	3 381 458,150	40,639	40,178	64	72	74 298	33 550,153	394 557,702	11,760	11,300
15	23	98 985	82 156,531	3 298 250,424	40,146	39,686	65	73	72 153	32 179,322	361 007,549	11,219	10,758
16	24	98 953	81 116,372	3 216 093,893	39,648	39,188	66	74	69 856	30 770,388	328 828,227	10,687	10,226
17	25	98 914	80 083,458	3 134 977,521	39,146	38,686	67	75	67 433	29 336,382	298 057,839	10,160	9,700
18	26	98 869	79 058,311	3 054 894,063	38,641	38,181	68	76	64 882	27 877,924	268 721,457	9,639	9,179
19	27	98 813	78 038,230	2 975 835,753	38,133	37,673	69	77	62 199	26 395,168	240 843,533	9,125	8,664
20	28	98 752	77 027,534	2 897 797,523	37,620	37,160	70	78	59 430	24 908,788	214 448,365	8,609	8,149
21	29	98 688	76 027,087	2 820 769,989	37,102	36,642	71	79	56 512	23 393,202	189 539,576	8,102	7,642
22	30	98 624	75 039,589	2 744 742,902	36,577	36,117	72	80	53 405	21 834,166	166 146,374	7,609	7,149
23	31	98 554	74 061,154	2 669 703,314	36,047	35,587	73	81	50 167	20 257,400	144 312,209	7,124	6,664
24	32	98 481	73 092,539	2 595 642,159	35,512	35,051	74	82	46 752	18 645,208	124 054,809	6,653	6,193
25	33	98 403	72 132,857	2 522 549,620	34,971	34,510	75	83	43 165	17 002,216	105 409,601	6,200	5,739
26	34	98 325	71 185,921	2 450 416,763	34,423	33,962	76	84	39 386	15 322,233	88 407,385	5,770	5,309
27	35	98 244	70 249,270	2 379 230,842	33,868	33,408	77	85	35 493	13 637,215	73 085,152	5,359	4,899
28	36	98 154	69 318,408	2 308 981,573	33,310	32,849	78	86	31 554	11 973,965	59 447,937	4,965	4,504
29	37	98 062	68 398,328	2 239 663,164	32,744	32,284	79	87	27 572	10 333,856	47 473,972	4,594	4,134
30	38	97 964	67 486,484	2 171 264,836	32,173	31,713	80	88	23 611	8 739,989	37 140,116	4,249	3,789
31	39	97 858	66 581,204	2 103 778,352	31,597	31,137	81	89	19 768	7 227,054	28 400,127	3,930	3,469
32	40	97 739	65 678,731	2 037 197,148	31,018	30,557	82	90	16 150	5 831,641	21 173,073	3,631	3,170
33	41	97 617	64 787,210	1 971 518,417	30,431	29,970	83	91	12 818	4 571,386	15 341,432	3,356	2,896
34	42	97 477	63 895,640	1 906 731,207	29,841	29,381	84	92	9 847	3 468,298	10 770,045	3,105	2,645
35	43	97 330	63 011,574	1 842 835,567	29,246	28,786	85	93	7 280	2 532,494	7 301,747	2,883	2,423
36	44	97 169	62 130,968	1 779 823,992	28,646	28,186	86	94	5 169	1 775,816	4 769,253	2,686	2,225
37	45	96 992	61 251,738	1 717 693,025	28,043	27,583	87	95	3 526	1 196,477	2 993,437	2,502	2,041
38	46	96 791	60 370,188	1 656 441,287	27,438	26,978	88	96	2 290	767,543	1 796,960	2,341	1,881
39	47	96 578	59 493,760	1 596 071,099	26,828	26,367	89	97	1 408	466,165	1 029,417	2,208	1,748
40	48	96 341	58 615,162	1 536 577,339	26,215	25,754	90	98	829	271,071	563,252	2,078	1,617
41	49	96 076	57 732,155	1 477 962,176	25,600	25,140	91	99	461	148,880	292,181	1,963	1,502
42	50	95 775	56 840,805	1 420 230,022	24,986	24,526	92	100	242	77,189	143,301	1,856	1,396
43	51	95 463	55 956,284	1 363 389,217	24,365	23,905							
44	52	95 113	55 062,759	1 307 432,932	23,744	23,284							
45	53	94 739	54 169,006	1 252 370,174	23,120	22,659							
46	54	94 326	53 267,351	1 198 201,168	22,494	22,034							
47	55	93 872	52 356,608	1 144 933,816	21,868	21,408							
48	56	93 362	51 429,096	1 092 577,209	21,244	20,784							
49	57	92 802	50 489,550	1 041 148,113	20,621	20,161							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	4 638 944,704	46,562	46,101	50	59	91 797	49 326,284	967 741,181	19,619	19,159
1	10	99 288	98 062,051	4 539 314,253	46,290	45,830	51	60	91 078	48 335,719	918 414,897	19,001	18,540
2	11	99 258	96 822,619	4 441 252,202	45,870	45,410	52	61	90 287	47 324,302	870 079,178	18,385	17,925
3	12	99 237	95 607,205	4 344 429,583	45,440	44,980	53	62	89 424	46 293,224	822 754,876	17,773	17,312
4	13	99 219	94 409,709	4 248 822,378	45,004	44,544	54	63	88 475	45 236,677	776 461,652	17,164	16,704
5	14	99 200	93 226,148	4 154 412,670	44,563	44,102	55	64	87 437	44 153,915	731 224,975	16,561	16,100
6	15	99 182	92 058,347	4 061 186,521	44,115	43,655	56	65	86 296	43 039,561	687 071,060	15,964	15,503
7	16	99 162	90 903,112	3 969 128,174	43,663	43,203	57	66	85 062	41 900,480	644 031,499	15,371	14,910
8	17	99 139	89 760,650	3 878 225,062	43,206	42,746	58	67	83 721	40 730,677	602 131,018	14,783	14,323
9	18	99 119	88 634,249	3 788 464,412	42,743	42,282	59	68	82 297	39 543,659	561 400,251	14,197	13,737
10	19	99 095	87 518,764	3 699 830,163	42,275	41,814	60	69	80 749	38 321,030	521 856,592	13,618	13,158
11	20	99 071	86 417,642	3 612 311,400	41,801	41,340	61	70	79 054	37 053,494	483 535,562	13,050	12,589
12	21	99 048	85 330,889	3 525 893,758	41,320	40,860	62	71	77 235	35 753,905	446 482,069	12,488	12,027
13	22	99 023	84 255,652	3 440 562,869	40,835	40,374	63	72	75 273	34 415,369	410 728,163	11,934	11,474
14	23	98 997	83 193,765	3 356 307,217	40,343	39,883	64	73	73 187	33 048,648	376 312,794	11,387	10,926
15	24	98 968	82 143,093	3 273 113,451	39,846	39,386	65	74	70 945	31 640,767	343 264,146	10,849	10,388
16	25	98 937	81 103,047	3 190 970,358	39,345	38,884	66	75	68 585	30 210,609	311 623,378	10,315	9,855
17	26	98 895	80 067,889	3 109 867,311	38,840	38,380	67	76	66 076	28 746,135	281 412,769	9,790	9,329
18	27	98 851	79 044,219	3 029 799,422	38,330	37,870	68	77	63 445	27 260,461	252 666,634	9,269	8,808
19	28	98 792	78 021,862	2 950 755,203	37,820	37,359	69	78	60 710	25 763,309	225 406,173	8,749	8,289
20	29	98 729	77 009,202	2 872 733,341	37,304	36,843	70	79	57 813	24 231,083	199 642,864	8,239	7,779
21	30	98 664	76 008,326	2 795 724,139	36,782	36,321	71	80	54 770	22 672,495	175 411,782	7,737	7,276
22	31	98 596	75 018,369	2 719 715,813	36,254	35,794	72	81	51 522	21 064,260	152 739,286	7,251	6,791
23	32	98 523	74 037,306	2 644 697,445	35,721	35,261	73	82	48 140	19 438,692	131 675,027	6,774	6,313
24	33	98 448	73 067,987	2 570 660,138	35,182	34,721	74	83	44 554	17 768,840	112 236,335	6,316	5,856
25	34	98 369	72 107,594	2 497 592,151	34,637	34,177	75	84	40 783	16 063,764	94 467,495	5,881	5,420
26	35	98 288	71 158,743	2 425 484,558	34,086	33,625	76	85	36 874	14 344,858	78 403,731	5,466	5,005
27	36	98 198	70 216,468	2 354 325,815	33,530	33,069	77	86	32 877	12 632,238	64 058,873	5,071	4,611
28	37	98 108	69 285,353	2 284 109,347	32,967	32,506	78	87	28 863	10 952,843	51 426,635	4,695	4,235
29	38	98 013	68 363,791	2 214 823,994	32,398	31,937	79	88	24 840	9 309,825	40 473,792	4,347	3,887
30	39	97 910	67 449,089	2 146 460,202	31,823	31,363	80	89	20 936	7 749,713	31 163,967	4,021	3,561
31	40	97 795	66 537,883	2 079 011,113	31,246	30,785	81	90	17 222	6 296,164	23 414,254	3,719	3,258
32	41	97 677	65 637,148	2 012 473,230	30,661	30,200	82	91	13 774	4 973,708	17 118,090	3,442	2,981
33	42	97 545	64 739,725	1 946 836,082	30,072	29,611	83	92	10 692	3 812,865	12 144,382	3,185	2,725
34	43	97 398	63 844,086	1 882 096,357	29,480	29,019	84	93	7 996	2 816,446	8 331,518	2,958	2,498
35	44	97 243	62 955,135	1 818 252,271	28,882	28,421	85	94	5 755	2 002,041	5 515,072	2,755	2,294
36	45	97 077	62 072,201	1 755 297,136	28,278	27,818	86	95	3 983	1 368,343	3 513,030	2,567	2,107
37	46	96 887	61 185,852	1 693 224,935	27,673	27,213	87	96	2 629	892,268	2 144,687	2,404	1,943
38	47	96 676	60 298,698	1 632 039,083	27,066	26,606	88	97	1 650	553,158	1 252,419	2,264	1,804
39	48	96 452	59 416,456	1 571 740,385	26,453	25,993	89	98	993	328,768	699,261	2,127	1,667
40	49	96 195	58 526,237	1 512 323,929	25,840	25,380	90	99	565	184,593	370,493	2,007	1,547
41	50	95 914	57 634,930	1 453 797,692	25,224	24,764	91	100	303	97,776	185,900	1,901	1,441
42	51	95 598	56 735,996	1 396 162,763	24,608	24,148							
43	52	95 265	55 840,091	1 339 426,766	23,987	23,526							
44	53	94 903	54 941,377	1 283 586,675	23,363	22,902							
45	54	94 504	54 034,744	1 228 645,298	22,738	22,278							
46	55	94 066	53 120,639	1 174 610,554	22,112	21,652							
47	56	93 580	52 193,654	1 121 489,916	21,487	21,027							
48	57	93 046	51 255,184	1 069 296,262	20,862	20,402							
49	58	92 454	50 299,897	1 018 041,078	20,239	19,779							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	4 612 435,452	46,298	45,838	50	60	91 372	49 097,684	943 838,030	19,224	18,763
1	11	99 282	98 056,600	4 512 810,297	46,023	45,562	51	61	90 611	48 087,911	894 740,346	18,606	18,146
2	12	99 251	96 815,173	4 414 753,697	45,600	45,139	52	62	89 783	47 059,939	846 652,435	17,991	17,531
3	13	99 231	95 601,162	4 317 938,524	45,166	44,706	53	63	88 877	46 009,821	799 592,496	17,379	16,918
4	14	99 212	94 402,246	4 222 337,362	44,727	44,267	54	64	87 877	44 930,869	753 582,675	16,772	16,312
5	15	99 191	93 217,548	4 127 935,115	44,283	43,822	55	65	86 789	43 826,788	708 651,806	16,169	15,709
6	16	99 171	92 047,689	4 034 717,567	43,833	43,373	56	66	85 604	42 694,655	664 825,018	15,572	15,111
7	17	99 149	90 891,491	3 942 669,878	43,378	42,917	57	67	84 317	41 533,526	622 130,363	14,979	14,519
8	18	99 127	89 749,012	3 851 778,387	42,917	42,457	58	68	82 938	40 349,612	580 596,837	14,389	13,929
9	19	99 103	88 619,862	3 762 029,375	42,451	41,991	59	69	81 457	39 140,157	540 247,225	13,803	13,342
10	20	99 079	87 504,379	3 673 409,513	41,980	41,519	60	70	79 817	37 878,564	501 107,069	13,229	12,769
11	21	99 055	86 403,497	3 585 905,134	41,502	41,041	61	71	78 062	36 588,407	463 228,505	12,661	12,200
12	22	99 031	85 316,400	3 499 501,637	41,018	40,558	62	72	76 168	35 259,983	426 640,098	12,100	11,639
13	23	99 006	84 241,516	3 414 185,237	40,529	40,068	63	73	74 148	33 900,932	391 380,115	11,545	11,084
14	24	98 981	83 180,158	3 329 943,721	40,033	39,573	64	74	71 962	32 495,545	357 479,183	11,001	10,540
15	25	98 952	82 129,600	3 246 763,563	39,532	39,072	65	75	69 655	31 065,155	324 983,638	10,461	10,001
16	26	98 918	81 087,280	3 164 633,963	39,028	38,567	66	76	67 205	29 602,772	293 918,483	9,929	9,468
17	27	98 877	80 053,617	3 083 546,684	38,519	38,058	67	77	64 613	28 109,442	264 315,711	9,403	8,943
18	28	98 830	79 027,640	3 003 493,066	38,006	37,545	68	78	61 926	26 607,888	236 206,270	8,877	8,417
19	29	98 769	78 003,293	2 924 465,426	37,492	37,031	69	79	59 058	25 062,354	209 598,381	8,363	7,903
20	30	98 704	76 990,199	2 846 462,133	36,972	36,511	70	80	56 032	23 484,562	184 536,027	7,858	7,397
21	31	98 636	75 986,832	2 769 471,934	36,447	35,986	71	81	52 839	21 873,029	161 051,465	7,363	6,903
22	32	98 564	74 994,212	2 693 485,103	35,916	35,456	72	82	49 439	20 212,942	139 178,436	6,886	6,425
23	33	98 490	74 012,437	2 618 490,890	35,379	34,919	73	83	45 877	18 525,029	118 965,495	6,422	5,961
24	34	98 414	73 042,397	2 544 478,453	34,836	34,375	74	84	42 095	16 788,074	100 440,466	5,983	5,522
25	35	98 331	72 080,063	2 471 436,057	34,287	33,827	75	85	38 181	15 039,089	83 652,392	5,562	5,102
26	36	98 242	71 125,516	2 399 355,993	33,734	33,274	76	86	34 156	13 287,732	68 613,304	5,164	4,703
27	37	98 152	70 182,985	2 328 230,477	33,174	32,713	77	87	30 074	11 554,979	55 325,572	4,788	4,328
28	38	98 058	69 250,369	2 258 047,493	32,607	32,147	78	88	26 003	9 867,474	43 770,593	4,436	3,975
29	39	97 958	68 325,911	2 188 797,124	32,035	31,574	79	89	22 025	8 254,984	33 903,119	4,107	3,647
30	40	97 846	67 405,204	2 120 471,213	31,459	30,998	80	90	18 239	6 751,502	25 648,135	3,799	3,338
31	41	97 733	66 495,757	2 053 066,010	30,875	30,415	81	91	14 688	5 369,891	18 896,633	3,519	3,059
32	42	97 605	65 589,040	1 986 570,253	30,288	29,828	82	92	11 489	4 148,429	13 526,742	3,261	2,800
33	43	97 467	64 687,489	1 920 981,213	29,696	29,236	83	93	8 682	3 096,253	9 378,313	3,029	2,569
34	44	97 311	63 786,901	1 856 293,724	29,101	28,641	84	94	6 321	2 226,517	6 282,060	2,821	2,361
35	45	97 151	62 895,589	1 792 506,823	28,500	28,039	85	95	4 435	1 542,660	4 055,543	2,629	2,169
36	46	96 973	62 005,433	1 729 611,234	27,895	27,434	86	96	2 970	1 020,437	2 512,884	2,463	2,002
37	47	96 773	61 113,396	1 667 605,801	27,287	26,827	87	97	1 895	643,046	1 492,447	2,321	1,861
38	48	96 550	60 220,348	1 606 492,405	26,677	26,217	88	98	1 164	390,120	849,400	2,177	1,717
39	49	96 306	59 326,315	1 546 272,057	26,064	25,603	89	99	676	223,883	459,280	2,051	1,591
40	50	96 033	58 427,675	1 486 945,743	25,449	24,989	90	100	371	121,230	235,397	1,942	1,481
41	51	95 737	57 528,657	1 428 518,068	24,831	24,371							
42	52	95 400	56 618,184	1 370 989,411	24,215	23,754							
43	53	95 055	55 716,996	1 314 371,228	23,590	23,130							
44	54	94 668	54 805,201	1 258 654,232	22,966	22,506							
45	55	94 244	53 885,917	1 203 849,031	22,341	21,880							
46	56	93 774	52 955,307	1 149 963,114	21,716	21,255							
47	57	93 264	52 017,157	1 097 007,807	21,089	20,629							
48	58	92 697	51 062,654	1 044 990,651	20,465	20,004							
49	59	92 068	50 089,967	993 927,996	19,843	19,382							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	4 584 714,790	46,022	45,562	50	61	90 903	48 845,969	918 986,254	18,814	18,354
1	12	99 275	98 049,059	4 485 095,173	45,743	45,283	51	62	90 105	47 819,283	870 140,285	18,196	17,736
2	13	99 244	96 809,055	4 387 046,114	45,316	44,856	52	63	89 233	46 771,842	822 321,002	17,582	17,121
3	14	99 223	95 593,606	4 290 237,059	44,880	44,420	53	64	88 276	45 698,786	775 549,160	16,971	16,511
4	15	99 202	94 393,538	4 194 643,453	44,438	43,977	54	65	87 226	44 597,985	729 850,373	16,365	15,905
5	16	99 180	93 206,756	4 100 249,915	43,991	43,531	55	66	86 094	43 475,573	685 252,389	15,762	15,301
6	17	99 158	92 035,922	4 007 043,159	43,538	43,077	56	67	84 855	42 320,746	641 776,815	15,165	14,704
7	18	99 136	90 879,707	3 915 007,237	43,079	42,619	57	68	83 528	41 144,858	599 456,069	14,569	14,109
8	19	99 110	89 734,444	3 824 127,530	42,616	42,156	58	69	82 091	39 947,885	558 311,211	13,979	13,519
9	20	99 087	88 605,296	3 734 393,086	42,146	41,686	59	70	80 517	38 688,233	518 373,326	13,399	12,938
10	21	99 062	87 490,056	3 645 787,791	41,671	41,210	60	71	78 815	37 403,121	479 685,093	12,825	12,364
11	22	99 038	86 388,826	3 558 297,735	41,189	40,729	61	72	76 984	36 082,957	442 281,973	12,257	11,797
12	23	99 015	85 302,086	3 471 908,909	40,701	40,241	62	73	75 030	34 732,921	406 199,016	11,695	11,235
13	24	98 990	84 227,737	3 386 606,823	40,208	39,747	63	74	72 907	33 333,564	371 466,095	11,144	10,684
14	25	98 964	83 166,494	3 302 379,086	39,708	39,248	64	75	70 653	31 904,382	338 132,531	10,598	10,138
15	26	98 933	82 113,633	3 219 212,592	39,204	38,744	65	76	68 253	30 440,124	306 228,149	10,060	9,600
16	27	98 900	81 072,827	3 137 098,959	38,695	38,234	66	77	65 717	28 947,106	275 788,025	9,527	9,067
17	28	98 857	80 036,826	3 056 026,132	38,183	37,722	67	78	63 066	27 436,546	246 840,919	8,997	8,536
18	29	98 807	79 008,832	2 975 989,306	37,667	37,206	68	79	60 241	25 883,954	219 404,373	8,476	8,016
19	30	98 744	77 984,045	2 896 980,474	37,148	36,688	69	80	57 239	24 290,223	193 520,419	7,967	7,507
20	31	98 676	76 968,427	2 818 996,429	36,625	36,165	70	81	54 056	22 656,461	169 230,195	7,469	7,009
21	32	98 604	75 962,364	2 742 028,002	36,097	35,637	71	82	50 704	20 989,024	146 573,735	6,983	6,523
22	33	98 531	74 969,021	2 666 065,638	35,562	35,102	72	83	47 115	19 262,887	125 584,711	6,520	6,059
23	34	98 455	73 986,515	2 591 096,617	35,021	34,561	73	84	43 345	17 502,524	106 321,823	6,075	5,614
24	35	98 376	73 014,510	2 517 110,101	34,474	34,014	74	85	39 410	15 717,196	88 819,300	5,651	5,191
25	36	98 285	72 046,407	2 444 095,592	33,924	33,464	75	86	35 367	13 930,802	73 102,104	5,248	4,787
26	37	98 195	71 091,599	2 372 049,185	33,366	32,906	76	87	31 244	12 154,574	59 171,302	4,868	4,408
27	38	98 102	70 147,547	2 300 957,586	32,802	32,341	77	88	27 094	10 409,941	47 016,728	4,517	4,056
28	39	98 004	69 211,997	2 230 810,039	32,232	31,771	78	89	23 056	8 749,449	36 606,787	4,184	3,724
29	40	97 895	68 281,455	2 161 598,042	31,657	31,197	79	90	19 188	7 191,691	27 857,338	3,874	3,413
30	41	97 784	67 362,528	2 093 316,588	31,075	30,615	80	91	15 556	5 758,241	20 665,647	3,589	3,128
31	42	97 661	66 447,019	2 025 954,060	30,490	30,029	81	92	12 251	4 478,875	14 907,406	3,328	2,868
32	43	97 526	65 536,119	1 959 507,041	29,900	29,439	82	93	9 330	3 368,749	10 428,531	3,096	2,635
33	44	97 379	64 629,549	1 893 970,922	29,305	28,845	83	94	6 864	2 447,715	7 059,782	2,884	2,424
34	45	97 219	63 726,568	1 829 341,373	28,706	28,246	84	95	4 871	1 715,628	4 612,067	2,688	2,228
35	46	97 046	62 827,935	1 765 614,805	28,102	27,642	85	96	3 307	1 150,433	2 896,439	2,518	2,057
36	47	96 858	61 932,006	1 702 786,870	27,494	27,034	86	97	2 140	735,416	1 746,006	2,374	1,914
37	48	96 647	61 033,987	1 640 854,864	26,884	26,424	87	98	1 336	453,515	1 010,590	2,228	1,768
38	49	96 404	60 128,987	1 579 820,877	26,274	25,813	88	99	793	265,663	557,075	2,097	1,637
39	50	96 144	59 226,405	1 519 691,889	25,659	25,199	89	100	444	147,034	291,413	1,982	1,522
40	51	95 856	58 319,940	1 460 465,484	25,042	24,582							
41	52	95 538	57 409,198	1 402 145,544	24,424	23,963							
42	53	95 189	56 493,373	1 344 736,346	23,803	23,343							
43	54	94 819	55 578,897	1 288 242,973	23,179	22,718							
44	55	94 407	54 654,252	1 232 664,076	22,554	22,093							
45	56	93 950	53 718,204	1 178 009,824	21,929	21,469							
46	57	93 457	52 776,234	1 124 291,620	21,303	20,843							
47	58	92 913	51 821,765	1 071 515,386	20,677	20,217							
48	59	92 310	50 849,540	1 019 693,621	20,053	19,593							
49	60	91 641	49 857,827	968 844,081	19,432	18,972							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	4 555 797,186	45,735	45,275	50	62	90 396	48 573,107	893 227,200	18,389	17,929
1	13	99 268	98 042,862	4 456 185,230	45,451	44,991	51	63	89 554	47 526,537	844 654,093	17,772	17,312
2	14	99 237	96 801,403	4 358 142,368	45,021	44,561	52	64	88 630	46 455,656	797 127,556	17,159	16,699
3	15	99 214	95 584,788	4 261 340,965	44,582	44,121	53	65	87 622	45 360,213	750 671,900	16,549	16,089
4	16	99 191	94 382,610	4 165 756,178	44,137	43,677	54	66	86 527	44 240,590	705 311,686	15,943	15,482
5	17	99 167	93 194,841	4 071 373,568	43,687	43,226	55	67	85 340	43 094,825	661 071,096	15,340	14,880
6	18	99 145	92 023,989	3 978 178,727	43,230	42,769	56	68	84 060	41 924,711	617 976,271	14,740	14,280
7	19	99 120	90 864,955	3 886 154,738	42,768	42,308	57	69	82 676	40 725,017	576 051,560	14,145	13,685
8	20	99 094	89 719,695	3 795 289,783	42,302	41,841	58	70	81 143	39 476,751	535 326,543	13,561	13,100
9	21	99 070	88 590,792	3 705 570,088	41,828	41,368	59	71	79 506	38 202,627	495 849,793	12,979	12,519
10	22	99 046	87 475,200	3 616 979,296	41,349	40,888	60	72	77 726	36 886,416	457 647,166	12,407	11,947
11	23	99 022	86 374,332	3 529 504,096	40,863	40,402	61	73	75 833	35 543,592	420 760,750	11,838	11,377
12	24	98 999	85 288,134	3 443 129,764	40,371	39,910	62	74	73 774	34 151,629	385 217,157	11,280	10,819
13	25	98 974	84 213,901	3 357 841,630	39,873	39,412	63	75	71 581	32 727,156	351 065,528	10,727	10,267
14	26	98 945	83 150,325	3 273 627,728	39,370	38,910	64	76	69 232	31 262,466	318 338,372	10,183	9,722
15	27	98 915	82 098,997	3 190 477,403	38,861	38,401	65	77	66 742	29 765,912	287 075,906	9,644	9,184
16	28	98 879	81 055,822	3 108 378,406	38,349	37,888	66	78	64 144	28 254,157	257 309,995	9,107	8,647
17	29	98 833	80 017,778	3 027 322,584	37,833	37,373	67	79	61 350	26 690,066	229 055,838	8,582	8,122
18	30	98 782	78 989,336	2 947 304,806	37,313	36,852	68	80	58 385	25 086,511	202 365,771	8,067	7,606
19	31	98 716	77 961,992	2 868 315,470	36,791	36,331	69	81	55 220	23 433,713	177 279,260	7,565	7,105
20	32	98 645	76 943,643	2 790 353,478	36,265	35,805	70	82	51 871	21 740,794	153 845,546	7,076	6,616
21	33	98 571	75 936,847	2 713 409,835	35,732	35,272	71	83	48 320	20 002,492	132 104,753	6,604	6,144
22	34	98 496	74 942,765	2 637 472,988	35,193	34,733	72	84	44 515	18 199,655	112 102,261	6,160	5,699
23	35	98 418	73 958,268	2 562 530,223	34,648	34,188	73	85	40 580	16 386,073	93 902,606	5,731	5,270
24	36	98 330	72 980,416	2 488 571,955	34,099	33,639	74	86	36 506	14 558,937	77 516,533	5,324	4,864
25	37	98 238	72 012,051	2 415 591,539	33,544	33,084	75	87	32 351	12 742,804	62 957,596	4,941	4,480
26	38	98 145	71 055,703	2 343 579,488	32,982	32,522	76	88	28 148	10 950,119	50 214,792	4,586	4,125
27	39	98 048	70 108,678	2 272 523,785	32,414	31,954	77	89	24 024	9 230,453	39 264,673	4,254	3,793
28	40	97 940	69 166,964	2 202 415,108	31,842	31,382	78	90	20 087	7 622,465	30 034,220	3,940	3,480
29	41	97 833	68 238,224	2 133 248,143	31,262	30,801	79	91	16 365	6 133,671	22 411,755	3,654	3,194
30	42	97 713	67 313,155	2 065 009,920	30,678	30,217	80	92	12 975	4 802,786	16 278,084	3,389	2,929
31	43	97 582	66 393,406	1 997 696,765	30,089	29,628	81	93	9 948	3 637,089	11 475,298	3,155	2,695
32	44	97 439	65 477,418	1 931 303,359	29,496	29,035	82	94	7 375	2 663,135	7 838,209	2,943	2,483
33	45	97 287	64 568,419	1 865 825,940	28,897	28,436	83	95	5 289	1 886,071	5 175,073	2,744	2,283
34	46	97 115	63 658,020	1 801 257,521	28,296	27,835	84	96	3 632	1 279,423	3 289,002	2,571	2,110
35	47	96 931	62 753,535	1 737 599,501	27,689	27,229	85	97	2 383	829,102	2 009,579	2,424	1,963
36	48	96 732	61 851,534	1 674 845,966	27,078	26,618	86	98	1 510	518,659	1 180,477	2,276	1,816
37	49	96 500	60 941,392	1 612 994,432	26,468	26,008	87	99	910	308,833	661,818	2,143	1,683
38	50	96 242	60 027,726	1 552 053,041	25,856	25,395	88	100	521	174,473	352,985	2,023	1,563
39	51	95 967	59 117,198	1 492 025,315	25,238	24,778							
40	52	95 657	58 198,838	1 432 908,117	24,621	24,161							
41	53	95 328	57 282,644	1 374 709,279	23,999	23,538							
42	54	94 954	56 353,350	1 317 426,635	23,378	22,918							
43	55	94 558	55 425,817	1 261 073,284	22,752	22,292							
44	56	94 113	54 484,148	1 205 647,467	22,128	21,668							
45	57	93 633	53 536,551	1 151 163,320	21,502	21,042							
46	58	93 106	52 577,991	1 097 626,769	20,876	20,416							
47	59	92 526	51 605,483	1 045 048,778	20,251	19,790							
48	60	91 882	50 613,880	993 443,295	19,628	19,167							
49	61	91 171	49 602,215	942 829,415	19,008	18,547							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	4 525 700,863	45,436	44,976	50	63	89 842	48 275,746	866 602,423	17,951	17,491
1	14	99 261	98 035,113	4 426 095,203	45,148	44,688	51	64	88 948	47 205,249	818 326,677	17,336	16,875
2	15	99 227	96 792,473	4 328 060,090	44,715	44,254	52	65	87 973	46 111,476	771 121,428	16,723	16,263
3	16	99 203	95 573,722	4 231 267,617	44,272	43,812	53	66	86 920	44 996,710	725 009,952	16,113	15,652
4	17	99 178	94 370,544	4 135 693,895	43,824	43,364	54	67	85 769	43 853,142	680 013,242	15,507	15,046
5	18	99 154	93 182,758	4 041 323,351	43,370	42,909	55	68	84 541	42 691,546	636 160,100	14,901	14,441
6	19	99 129	92 009,052	3 948 140,594	42,910	42,450	56	69	83 203	41 496,912	593 468,554	14,302	13,841
7	20	99 104	90 850,020	3 856 131,542	42,445	41,985	57	70	81 721	40 254,794	551 971,641	13,712	13,252
8	21	99 078	89 705,009	3 765 281,522	41,974	41,514	58	71	80 125	38 981,248	511 716,847	13,127	12,667
9	22	99 054	88 575,750	3 675 576,513	41,496	41,036	59	72	78 408	37 674,877	472 735,600	12,548	12,087
10	23	99 029	87 460,524	3 587 000,763	41,013	40,552	60	73	76 565	36 335,041	435 060,722	11,974	11,513
11	24	99 005	86 360,204	3 499 540,239	40,523	40,062	61	74	74 564	34 948,733	398 725,681	11,409	10,948
12	25	98 982	85 274,124	3 413 180,035	40,026	39,566	62	75	72 432	33 530,339	363 776,948	10,849	10,389
13	26	98 954	84 197,529	3 327 905,911	39,525	39,065	63	76	70 140	32 068,686	330 246,609	10,298	9,838
14	27	98 927	83 135,505	3 243 708,382	39,017	38,557	64	77	67 698	30 570,039	298 177,923	9,754	9,294
15	28	98 895	82 081,777	3 160 572,877	38,505	38,045	65	78	65 144	29 053,362	267 607,884	9,211	8,751
16	29	98 856	81 036,531	3 078 491,100	37,989	37,529	66	79	62 399	27 485,432	238 554,522	8,679	8,219
17	30	98 809	79 998,033	2 997 454,569	37,469	37,009	67	80	59 460	25 867,788	211 069,089	8,160	7,699
18	31	98 754	78 966,999	2 917 456,536	36,945	36,485	68	81	56 326	24 201,923	185 201,301	7,652	7,192
19	32	98 684	77 936,888	2 838 489,537	36,420	35,960	69	82	52 989	22 486,633	160 999,378	7,160	6,699
20	33	98 611	76 917,797	2 760 552,649	35,890	35,429	70	83	49 433	20 718,926	138 512,744	6,685	6,225
21	34	98 536	75 910,252	2 683 634,853	35,353	34,892	71	84	45 653	18 898,437	117 793,818	6,233	5,773
22	35	98 459	74 914,152	2 607 724,600	34,810	34,349	72	85	41 675	17 038,736	98 895,381	5,804	5,344
23	36	98 372	73 923,734	2 532 810,448	34,262	33,802	73	86	37 590	15 178,521	81 856,645	5,393	4,933
24	37	98 283	72 945,615	2 458 886,714	33,708	33,248	74	87	33 393	13 317,372	66 678,124	5,007	4,546
25	38	98 189	71 975,689	2 385 941,099	33,149	32,689	75	88	29 145	11 480,059	53 360,751	4,648	4,188
26	39	98 091	71 016,330	2 313 965,409	32,584	32,123	76	89	24 958	9 709,426	41 880,693	4,313	3,853
27	40	97 984	70 063,062	2 242 949,079	32,013	31,553	77	90	20 929	8 041,513	32 171,266	4,001	3,540
28	41	97 878	69 123,173	2 172 886,018	31,435	30,975	78	91	17 132	6 501,071	24 129,753	3,712	3,251
29	42	97 761	68 188,209	2 103 762,845	30,852	30,392	79	92	13 650	5 115,922	17 628,682	3,446	2,985
30	43	97 634	67 258,843	2 035 574,636	30,265	29,804	80	93	10 536	3 900,123	12 512,761	3,208	2,748
31	44	97 495	66 333,938	1 968 315,793	29,673	29,212	81	94	7 865	2 875,269	8 612,638	2,995	2,535
32	45	97 347	65 415,487	1 901 981,855	29,075	28,615	82	95	5 683	2 052,062	5 737,369	2,796	2,336
33	46	97 183	64 498,966	1 836 566,368	28,474	28,014	83	96	3 944	1 406,531	3 685,307	2,620	2,160
34	47	97 000	63 582,637	1 772 067,403	27,870	27,410	84	97	2 618	922,064	2 278,776	2,471	2,011
35	48	96 805	62 671,995	1 708 484,766	27,261	26,800	85	98	1 681	584,732	1 356,712	2,320	1,860
36	49	96 586	61 757,698	1 645 812,771	26,650	26,189	86	99	1 028	353,195	771,980	2,186	1,725
37	50	96 338	60 838,762	1 584 055,073	26,037	25,577	87	100	598	202,824	418,786	2,065	1,604
38	51	96 064	59 917,041	1 523 216,310	25,422	24,962							
39	52	95 767	58 994,440	1 463 299,269	24,804	24,344							
40	53	95 446	58 070,543	1 404 304,829	24,183	23,722							
41	54	95 091	57 140,665	1 346 234,285	23,560	23,100							
42	55	94 692	56 198,138	1 289 093,621	22,938	22,478							
43	56	94 264	55 253,311	1 232 895,483	22,314	21,853							
44	57	93 795	54 299,905	1 177 642,172	21,688	21,227							
45	58	93 281	53 335,452	1 123 342,268	21,062	20,601							
46	59	92 717	52 358,553	1 070 006,816	20,436	19,976							
47	60	92 097	51 366,319	1 017 648,263	19,812	19,351							
48	61	91 411	50 354,393	966 281,943	19,190	18,729							
49	62	90 662	49 325,128	915 927,551	18,569	18,109							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	4 494 441,755	45,126	44,666	50	64	89 235	47 949,393	839 158,455	17,501	17,041
1	15	99 251	98 026,069	4 394 843,967	44,833	44,373	51	65	88 289	46 855,515	791 209,062	16,886	16,426
2	16	99 216	96 781,267	4 296 817,898	44,397	43,937	52	66	87 268	45 741,952	744 353,547	16,273	15,812
3	17	99 190	95 561,503	4 200 036,631	43,951	43,491	53	67	86 158	44 602,640	698 611,595	15,663	15,203
4	18	99 165	94 358,308	4 104 475,128	43,499	43,038	54	68	84 967	43 442,767	654 008,955	15,054	14,594
5	19	99 138	93 167,632	4 010 116,819	43,042	42,582	55	69	83 679	42 255,923	610 566,188	14,449	13,989
6	20	99 113	91 993,928	3 916 949,187	42,578	42,118	56	70	82 242	41 017,777	568 310,265	13,855	13,395
7	21	99 088	90 835,149	3 824 955,258	42,109	41,648	57	71	80 695	39 749,525	527 292,488	13,265	12,805
8	22	99 061	89 689,738	3 734 120,109	41,634	41,173	58	72	79 018	38 442,742	487 542,963	12,682	12,222
9	23	99 037	88 560,889	3 644 430,332	41,152	40,691	59	73	77 236	37 111,717	449 100,221	12,101	11,641
10	24	99 013	87 446,219	3 555 869,443	40,664	40,203	60	74	75 283	35 726,936	411 988,504	11,532	11,071
11	25	98 989	86 346,018	3 468 423,224	40,169	39,708	61	75	73 207	34 312,942	376 261,568	10,966	10,505
12	26	98 963	85 257,546	3 382 077,206	39,669	39,209	62	76	70 975	32 855,709	341 948,626	10,408	9,947
13	27	98 937	84 182,521	3 296 819,660	39,163	38,702	63	77	68 587	31 358,403	309 092,917	9,857	9,396
14	28	98 907	83 118,067	3 212 637,139	38,651	38,191	64	78	66 078	29 838,240	277 734,514	9,308	8,848
15	29	98 871	82 062,242	3 129 519,071	38,136	37,676	65	79	63 371	28 262,893	247 896,274	8,771	8,311
16	30	98 831	81 016,534	3 047 456,829	37,634	37,155	66	80	60 476	26 638,651	219 633,381	8,245	7,785
17	31	98 781	79 975,411	2 966 440,295	37,092	36,632	67	81	57 364	24 955,651	192 994,730	7,734	7,273
18	32	98 723	78 941,571	2 886 464,884	36,565	36,104	68	82	54 050	23 223,795	168 039,079	7,236	6,775
19	33	98 651	77 910,708	2 807 523,313	36,035	35,575	69	83	50 498	21 429,710	144 815,284	6,758	6,297
20	34	98 577	76 890,858	2 729 612,605	35,500	35,039	70	84	46 705	19 575,327	123 385,574	6,303	5,843
21	35	98 499	75 881,270	2 652 721,746	34,959	34,498	71	85	42 741	17 692,943	103 810,247	5,867	5,407
22	36	98 413	74 879,172	2 576 840,476	34,413	33,953	72	86	38 604	15 783,087	86 117,303	5,456	4,996
23	37	98 325	73 888,483	2 501 961,304	33,861	33,401	73	87	34 384	13 884,120	70 334,216	5,066	4,605
24	38	98 234	72 908,782	2 428 072,821	33,303	32,842	74	88	30 084	11 997,691	56 450,096	4,705	4,245
25	39	98 134	71 935,807	2 355 164,039	32,740	32,279	75	89	25 843	10 179,322	44 452,405	4,367	3,907
26	40	98 027	70 970,124	2 283 228,232	32,172	31,711	76	90	21 744	8 458,792	34 273,084	4,052	3,591
27	41	97 922	70 018,703	2 212 258,108	31,595	31,135	77	91	17 850	6 858,470	25 814,292	3,764	3,303
28	42	97 806	69 072,509	2 142 239,405	31,014	30,554	78	92	14 289	5 422,360	18 955,823	3,496	3,035
29	43	97 682	68 133,191	2 073 166,896	30,428	29,968	79	93	11 085	4 154,406	13 533,463	3,258	2,797
30	44	97 546	67 198,600	2 005 033,704	29,837	29,377	80	94	8 329	3 083,208	9 379,057	3,042	2,582
31	45	97 403	66 271,196	1 937 835,105	29,241	28,781	81	95	6 060	2 215,520	6 295,849	2,842	2,381
32	46	97 242	65 345,122	1 871 563,909	28,641	28,181	82	96	4 238	1 530,317	4 080,329	2,666	2,206
33	47	97 068	64 422,586	1 806 218,787	28,037	27,577	83	97	2 842	1 013,669	2 550,012	2,516	2,055
34	48	96 873	63 500,020	1 741 796,201	27,430	26,969	84	98	1 846	650,294	1 536,343	2,363	1,902
35	49	96 659	62 576,914	1 678 296,181	26,820	26,359	85	99	1 145	398,189	886,048	2,225	1,765
36	50	96 423	61 653,694	1 615 719,267	26,206	25,746	86	100	675	231,959	487,860	2,103	1,643
37	51	96 160	60 726,582	1 554 065,572	25,591	25,131							
38	52	95 865	59 792,623	1 493 338,990	24,975	24,515							
39	53	95 556	58 864,392	1 433 546,367	24,353	23,893							
40	54	95 209	57 926,611	1 374 681,976	23,731	23,271							
41	55	94 830	56 983,284	1 316 755,365	23,108	22,647							
42	56	94 397	56 023,228	1 259 772,081	22,487	22,026							
43	57	93 945	55 066,467	1 203 748,853	21,860	21,400							
44	58	93 443	54 095,938	1 148 682,387	21,234	20,774							
45	59	92 892	53 112,853	1 094 586,448	20,609	20,148							
46	60	92 287	52 115,899	1 041 473,596	19,984	19,523							
47	61	91 625	51 102,974	989 357,696	19,360	18,900							
48	62	90 900	50 073,104	938 254,722	18,738	18,277							
49	63	90 107	49 023,164	888 181,619	18,118	17,657							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	4 462 039,401	44,805	44,344	50	65	88 574	47 594,146	810 947,433	17,039	16,578
1	16	99 240	98 014,721	4 362 450,801	44,508	44,048	51	66	87 582	46 480,029	763 353,287	16,423	15,963
2	17	99 203	96 768,895	4 264 436,080	44,068	43,608	52	67	86 504	45 341,355	716 873,258	15,811	15,350
3	18	99 177	95 549,114	4 167 667,186	43,618	43,158	53	68	85 352	44 185,251	671 531,903	15,198	14,738
4	19	99 149	94 342,992	4 072 118,072	43,163	42,703	54	69	84 100	42 999,478	627 346,652	14,590	14,129
5	20	99 122	93 152,318	3 977 775,080	42,702	42,241	55	70	82 712	41 768,024	584 347,173	13,990	13,530
6	21	99 096	91 978,871	3 884 622,761	42,234	41,773	56	71	81 210	40 502,931	542 579,150	13,396	12,936
7	22	99 071	90 819,726	3 792 643,891	41,760	41,300	57	72	79 581	39 200,406	502 076,219	12,808	12,348
8	23	99 044	89 674,730	3 701 824,165	41,281	40,820	58	73	77 837	37 868,103	462 875,813	12,223	11,763
9	24	99 021	88 546,404	3 612 149,435	40,794	40,333	59	74	75 943	36 490,614	425 007,709	11,647	11,187
10	25	98 997	87 431,854	3 523 603,031	40,301	39,841	60	75	73 914	35 076,988	388 517,096	11,076	10,616
11	26	98 970	86 329,231	3 436 171,177	39,803	39,343	61	76	71 734	33 622,566	353 440,108	10,512	10,052
12	27	98 945	85 242,349	3 349 841,946	39,298	38,837	62	77	69 403	32 127,994	319 817,542	9,954	9,494
13	28	98 916	84 164,865	3 264 599,597	38,788	38,328	63	78	66 945	30 607,731	287 689,548	9,399	8,939
14	29	98 883	83 098,286	3 180 434,732	38,273	37,813	64	79	64 280	29 026,417	257 081,817	8,857	8,396
15	30	98 847	82 041,992	3 097 336,446	37,753	37,293	65	80	61 419	27 392,159	228 055,400	8,326	7,865
16	31	98 803	80 993,624	3 015 294,454	37,229	36,768	66	81	58 344	25 699,331	200 663,241	7,808	7,348
17	32	98 749	79 949,658	2 934 300,830	36,702	36,241	67	82	55 045	23 947,061	174 963,910	7,306	6,846
18	33	98 689	78 915,054	2 854 351,172	36,170	35,710	68	83	51 509	22 132,224	151 016,849	6,823	6,363
19	34	98 617	77 883,422	2 775 436,118	35,636	35,175	69	84	47 711	20 246,879	128 884,625	6,366	5,905
20	35	98 539	76 861,502	2 697 552,696	35,096	34,636	70	85	43 726	18 326,656	108 637,746	5,928	5,467
21	36	98 453	75 845,838	2 620 691,194	34,553	34,092	71	86	39 591	16 389,084	90 311,090	5,510	5,050
22	37	98 366	74 843,466	2 544 845,356	34,002	33,542	72	87	35 312	14 437,129	73 922,006	5,120	4,660
23	38	98 275	73 851,174	2 470 001,890	33,446	32,985	73	88	30 977	12 508,276	59 484,876	4,756	4,295
24	39	98 179	72 868,383	2 396 150,716	32,883	32,423	74	89	26 675	10 638,304	46 976,600	4,416	3,955
25	40	98 070	71 889,002	2 323 282,333	32,318	31,857	75	90	22 514	8 868,162	36 338,297	4,098	3,637
26	41	97 965	70 925,191	2 251 393,330	31,743	31,283	76	91	18 545	7 214,359	27 470,135	3,808	3,347
27	42	97 850	69 967,383	2 180 468,140	31,164	30,704	77	92	14 888	5 720,456	20 255,776	3,541	3,081
28	43	97 727	69 016,778	2 110 500,757	30,580	30,119	78	93	11 603	4 403,250	14 535,319	3,301	2,841
29	44	97 595	68 072,165	2 041 483,979	29,990	29,530	79	94	8 763	3 284,229	10 132,069	3,085	2,625
30	45	97 454	67 135,040	1 973 411,814	29,395	28,934	80	95	6 418	2 375,746	6 847,840	2,882	2,422
31	46	97 298	66 199,910	1 906 276,774	28,796	28,335	81	96	4 519	1 652,216	4 472,094	2,707	2,246
32	47	97 127	65 267,741	1 840 076,863	28,193	27,732	82	97	3 054	1 102,880	2 819,878	2,557	2,096
33	48	96 941	64 338,878	1 774 809,123	27,585	27,125	83	98	2 005	714,900	1 716,998	2,402	1,941
34	49	96 727	63 403,683	1 710 470,245	26,977	26,517	84	99	1 257	442,835	1 002,099	2,263	1,803
35	50	96 496	62 471,531	1 647 066,562	26,365	25,905	85	100	752	261,508	559,264	2,139	1,678
36	51	96 245	61 540,011	1 584 595,031	25,749	25,289							
37	52	95 960	60 600,483	1 523 055,020	25,133	24,672							
38	53	95 653	59 660,815	1 462 454,537	24,513	24,052							
39	54	95 319	58 718,492	1 402 793,722	23,890	23,430							
40	55	94 947	57 767,065	1 344 075,230	23,267	22,807							
41	56	94 534	56 805,930	1 286 308,165	22,644	22,184							
42	57	94 078	55 833,780	1 229 502,235	22,021	21,560							
43	58	93 592	54 859,621	1 173 668,455	21,394	20,934							
44	59	93 053	53 870,165	1 118 808,834	20,769	20,308							
45	60	92 461	52 866,703	1 064 938,669	20,144	19,683							
46	61	91 814	51 848,711	1 012 071,966	19,520	19,059							
47	62	91 113	50 817,504	960 223,255	18,896	18,435							
48	63	90 344	49 766,560	909 405,752	18,273	17,813							
49	64	89 498	48 691,758	859 639,191	17,655	17,194							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	4 428 513,330	44,473	44,013	50	66	87 864	47 212,741	782 022,106	16,564	16,103
1	17	99 227	98 002,190	4 328 936,260	44,172	43,711	51	67	86 815	46 072,968	734 809,365	15,949	15,488
2	18	99 190	96 756,348	4 230 934,070	43,728	43,267	52	68	85 694	44 917,054	688 736,397	15,334	14,873
3	19	99 161	95 533,604	4 134 177,722	43,275	42,814	53	69	84 481	43 734,386	643 819,343	14,721	14,261
4	20	99 133	94 327,485	4 038 644,117	42,815	42,355	54	70	83 129	42 502,994	600 084,957	14,119	13,658
5	21	99 105	93 137,071	3 944 316,632	42,350	41,889	55	71	81 674	41 243,761	557 581,963	13,519	13,059
6	22	99 080	91 963,253	3 851 179,561	41,877	41,417	56	72	80 088	39 943,404	516 338,202	12,927	12,466
7	23	99 054	90 804,488	3 759 216,308	41,399	40,939	57	73	78 391	38 614,442	476 394,798	12,337	11,877
8	24	99 028	89 660,063	3 668 411,820	40,915	40,454	58	74	76 534	37 234,341	437 470,356	11,757	11,297
9	25	99 004	88 531,859	3 578 751,757	40,423	39,963	59	75	74 561	35 826,772	400 546,015	11,180	10,720
10	26	98 977	87 414,856	3 490 219,899	39,927	39,467	60	76	72 426	34 371,239	364 719,242	10,611	10,151
11	27	98 952	86 313,844	3 402 805,043	39,424	38,963	61	77	70 146	32 877,866	330 348,003	10,048	9,587
12	28	98 925	85 224,470	3 316 491,199	38,915	38,454	62	78	67 741	31 358,899	297 470,137	9,486	9,026
13	29	98 892	84 144,834	3 231 266,729	38,401	37,941	63	79	65 124	29 774,972	266 111,238	8,937	8,477
14	30	98 859	83 077,780	3 147 121,895	37,882	37,421	64	80	62 300	28 132,160	236 336,266	8,401	7,941
15	31	98 819	82 018,792	3 064 044,114	37,358	36,897	65	81	59 253	26 426,270	208 204,106	7,879	7,418
16	32	98 771	80 967,544	2 982 025,322	36,830	36,369	66	82	55 986	24 660,686	181 777,836	7,371	6,911
17	33	98 716	79 922,802	2 901 057,779	36,298	35,838	67	83	52 458	22 821,494	157 117,151	6,885	6,424
18	34	98 655	78 887,416	2 821 134,976	35,762	35,301	68	84	48 666	20 910,617	134 295,656	6,422	5,962
19	35	98 579	77 853,686	2 742 247,560	35,223	34,763	69	85	44 667	18 955,371	113 385,040	5,982	5,521
20	36	98 493	76 825,612	2 664 393,874	34,681	34,221	70	86	40 503	16 976,096	94 429,669	5,563	5,102
21	37	98 406	75 809,671	2 587 568,262	34,132	33,672	71	87	36 215	14 991,447	77 453,573	5,167	4,706
22	38	98 316	74 805,675	2 511 758,591	33,577	33,117	72	88	31 813	13 006,485	62 462,125	4,802	4,342
23	39	98 221	73 810,253	2 436 952,916	33,016	32,556	73	89	27 467	11 091,038	49 455,640	4,459	3,999
24	40	98 115	72 820,972	2 363 142,664	32,451	31,991	74	90	23 239	9 268,024	38 364,602	4,139	3,679
25	41	98 008	71 843,488	2 290 321,692	31,879	31,419	75	91	19 202	7 563,504	29 096,578	3,847	3,387
26	42	97 893	70 873,207	2 218 478,205	31,302	30,842	76	92	15 468	6 017,294	21 533,074	3,579	3,118
27	43	97 771	69 910,930	2 147 604,998	30,719	30,259	77	93	12 090	4 645,320	15 515,780	3,340	2,880
28	44	97 640	68 954,960	2 077 694,068	30,131	29,671	78	94	9 173	3 480,951	10 870,460	3,123	2,662
29	45	97 502	68 007,779	2 008 739,108	29,537	29,077	79	95	6 752	2 530,641	7 389,509	2,920	2,460
30	46	97 349	67 062,825	1 940 731,329	28,939	28,479	80	96	4 786	1 771,704	4 858,868	2,742	2,282
31	47	97 183	66 121,517	1 873 668,504	28,337	27,876	81	97	3 257	1 190,731	3 087,164	2,593	2,132
32	48	97 001	65 182,934	1 807 546,987	27,730	27,270	82	98	2 154	777,817	1 896,433	2,438	1,978
33	49	96 794	64 241,269	1 742 364,053	27,122	26,662	83	99	1 365	486,830	1 118,616	2,298	1,837
34	50	96 564	63 296,907	1 678 122,784	26,512	26,052	84	100	826	290,830	631,786	2,172	1,712
35	51	96 318	62 356,340	1 614 825,877	25,897	25,436							
36	52	96 045	61 412,223	1 552 469,538	25,279	24,819							
37	53	95 749	60 466,894	1 491 057,315	24,659	24,199							
38	54	95 416	59 512,941	1 430 590,421	24,038	23,578							
39	55	95 057	58 556,765	1 371 077,480	23,415	22,954							
40	56	94 652	57 587,272	1 312 520,715	22,792	22,331							
41	57	94 215	56 613,836	1 254 933,443	22,167	21,706							
42	58	93 725	55 624,052	1 198 319,607	21,543	21,083							
43	59	93 201	54 630,661	1 142 695,555	20,917	20,456							
44	60	92 622	53 620,506	1 088 064,894	20,292	19,832							
45	61	91 987	52 595,666	1 034 444,389	19,668	19,207							
46	62	91 301	51 559,074	981 848,723	19,043	18,583							
47	63	90 555	50 506,403	930 289,649	18,419	17,959							
48	64	89 733	49 430,129	879 783,246	17,799	17,338							
49	65	88 835	48 331,011	830 353,116	17,181	16,720							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	4 393 884,073	44,131	43,671	50	67	87 094	46 799,263	752 432,853	16,078	15,617
1	18	99 214	97 989,484	4 294 319,733	43,824	43,364	51	68	86 002	45 641,820	705 633,590	15,460	15,000
2	19	99 174	96 740,643	4 196 330,248	43,377	42,917	52	69	84 820	44 458,721	659 991,769	14,845	14,385
3	20	99 145	95 517,901	4 099 589,606	42,920	42,459	53	70	83 506	43 229,416	615 533,048	14,239	13,778
4	21	99 117	94 312,046	4 004 071,704	42,456	41,995	54	71	82 085	41 969,506	572 303,632	13,636	13,176
5	22	99 089	93 121,257	3 909 759,659	41,986	41,525	55	72	80 546	40 674,000	530 334,126	13,039	12,578
6	23	99 063	91 947,824	3 816 638,402	41,509	41,048	56	73	78 891	39 346,334	489 660,126	12,445	11,984
7	24	99 038	90 789,636	3 724 690,578	41,026	40,565	57	74	77 079	37 968,189	450 313,792	11,860	11,400
8	25	99 012	89 645,334	3 633 900,942	40,536	40,076	58	75	75 142	36 556,970	412 345,603	11,280	10,819
9	26	98 985	88 514,647	3 544 255,608	40,041	39,581	59	76	73 061	35 105,938	375 788,633	10,704	10,244
10	27	98 960	87 399,275	3 455 740,961	39,540	39,079	60	77	70 822	33 609,957	340 682,695	10,136	9,676
11	28	98 932	86 295,740	3 368 341,686	39,033	38,572	61	78	68 466	32 090,821	307 072,738	9,569	9,108
12	29	98 901	85 204,187	3 282 045,946	38,520	38,059	62	79	65 898	30 505,703	274 981,917	9,014	8,554
13	30	98 868	84 124,070	3 196 841,758	38,002	37,541	63	80	63 117	28 857,653	244 476,215	8,472	8,011
14	31	98 831	83 054,287	3 112 717,688	37,478	37,018	64	81	60 103	27 140,177	215 618,562	7,945	7,484
15	32	98 787	81 992,381	3 029 663,401	36,951	36,490	65	82	56 859	25 358,245	188 478,384	7,433	6,972
16	33	98 738	80 940,346	2 947 671,020	36,418	35,957	66	83	53 354	23 501,577	163 120,140	6,941	6,480
17	34	98 681	79 894,811	2 866 730,674	35,881	35,421	67	84	49 562	21 561,842	139 618,563	6,475	6,015
18	35	98 617	78 857,297	2 786 835,862	35,340	34,880	68	85	45 562	19 576,770	118 056,721	6,030	5,570
19	36	98 533	77 817,334	2 707 978,565	34,799	34,339	69	86	41 376	17 558,478	98 479,950	5,609	5,148
20	37	98 446	76 788,977	2 630 161,232	34,252	33,791	70	87	37 049	15 528,400	80 921,472	5,211	4,751
21	38	98 356	75 771,392	2 553 372,254	33,698	33,238	71	88	32 626	13 505,873	65 393,072	4,842	4,381
22	39	98 262	74 764,224	2 477 600,862	33,139	32,678	72	89	28 208	11 532,798	51 887,199	4,499	4,039
23	40	98 157	73 762,228	2 402 836,638	32,575	32,115	73	90	23 929	9 662,443	40 354,401	4,176	3,716
24	41	98 053	72 774,867	2 329 074,410	32,004	31,543	74	91	19 820	7 904,540	30 691,957	3,883	3,422
25	42	97 937	71 790,830	2 256 299,543	31,429	30,968	75	92	16 016	6 308,505	22 787,418	3,612	3,152
26	43	97 814	70 816,022	2 184 508,713	30,848	30,387	76	93	12 561	4 886,369	16 478,912	3,372	2,912
27	44	97 684	69 848,311	2 113 692,690	30,261	29,801	77	94	9 558	3 672,317	11 592,543	3,157	2,696
28	45	97 547	68 889,739	2 043 844,379	29,668	29,208	78	95	7 068	2 682,224	7 920,226	2,953	2,492
29	46	97 397	67 934,625	1 974 954,640	29,071	28,611	79	96	5 035	1 887,217	5 238,002	2,776	2,315
30	47	97 234	66 983,410	1 907 020,015	28,470	28,010	80	97	3 449	1 276,844	3 350,785	2,624	2,164
31	48	97 056	66 035,601	1 840 036,605	27,864	27,404	81	98	2 297	839,774	2 073,941	2,470	2,009
32	49	96 854	65 084,044	1 774 001,004	27,257	26,797	82	99	1 467	529,675	1 234,167	2,330	1,870
33	50	96 631	64 133,082	1 708 916,959	26,646	26,186	83	100	897	319,723	704,492	2,203	1,743
34	51	96 386	63 180,194	1 644 783,877	26,033	25,573							
35	52	96 118	62 226,856	1 581 603,683	25,417	24,956							
36	53	95 834	61 276,844	1 519 376,827	24,795	24,335							
37	54	95 512	60 317,022	1 458 099,983	24,174	23,714							
38	55	95 154	59 349,026	1 397 782,961	23,552	23,092							
39	56	94 761	58 374,514	1 338 433,935	22,928	22,468							
40	57	94 331	57 392,536	1 280 059,421	22,304	21,843							
41	58	93 861	56 401,178	1 222 666,885	21,678	21,218							
42	59	93 334	55 391,901	1 166 265,707	21,055	20,594							
43	60	92 770	54 377,477	1 110 873,806	20,429	19,969							
44	61	92 147	53 345,604	1 056 496,329	19,805	19,344							
45	62	91 473	52 301,857	1 003 150,726	19,180	18,720							
46	63	90 742	51 243,434	950 848,869	18,556	18,095							
47	64	89 943	50 164,970	899 605,435	17,933	17,473							
48	65	89 068	49 063,911	849 440,465	17,313	16,853							
49	66	88 123	47 943,701	800 376,553	16,694	16,234							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	4 358 170,786	43,778	43,318	50	68	86 279	46 361,319	722 236,246	15,578	15,118
1	19	99 198	97 973,578	4 258 619,355	43,467	43,007	51	69	85 125	45 176,093	675 874,927	14,961	14,501
2	20	99 158	96 724,742	4 160 645,776	43,015	42,555	52	70	83 841	43 945,388	630 698,834	14,352	13,891
3	21	99 129	95 502,267	4 063 921,034	42,553	42,093	53	71	82 458	42 686,811	586 753,446	13,746	13,285
4	22	99 100	94 296,032	3 968 418,768	42,085	41,624	54	72	80 951	41 389,719	544 066,636	13,145	12,685
5	23	99 072	93 105,633	3 874 122,736	41,610	41,150	55	73	79 342	40 066,009	502 676,917	12,546	12,086
6	24	99 047	91 932,785	3 781 017,103	41,128	40,668	56	74	77 570	38 687,832	462 610,908	11,958	11,497
7	25	99 022	90 774,722	3 689 084,318	40,640	40,180	57	75	75 677	37 277,467	423 923,076	11,372	10,912
8	26	98 993	89 627,906	3 598 309,596	40,147	39,687	58	76	73 630	35 821,444	386 645,609	10,794	10,333
9	27	98 968	88 498,870	3 508 681,690	39,647	39,186	59	77	71 443	34 328,383	350 824,165	10,220	9,759
10	28	98 939	87 380,944	3 420 182,820	39,141	38,681	60	78	69 127	32 805,387	316 495,782	9,648	9,187
11	29	98 908	86 275,202	3 332 801,876	38,630	38,170	61	79	66 604	31 217,710	283 690,395	9,087	8,627
12	30	98 877	85 183,162	3 246 526,674	38,112	37,652	62	80	63 868	29 565,871	252 472,685	8,539	8,079
13	31	98 840	84 100,281	3 161 343,512	37,590	37,130	63	81	60 892	27 840,089	222 906,814	8,007	7,546
14	32	98 799	83 027,543	3 077 243,231	37,063	36,603	64	82	57 674	26 043,299	195 066,725	7,490	7,030
15	33	98 754	81 964,840	2 994 215,688	36,530	36,070	65	83	54 186	24 166,349	169 023,426	6,994	6,534
16	34	98 704	80 911,999	2 912 250,848	35,993	35,532	66	84	50 409	22 204,387	144 857,077	6,524	6,063
17	35	98 643	79 864,308	2 831 338,849	35,452	34,991	67	85	46 401	20 186,455	122 652,690	6,076	5,616
18	36	98 571	78 820,476	2 751 474,541	34,908	34,448	68	86	42 204	18 134,085	102 466,234	5,650	5,190
19	37	98 486	77 780,226	2 672 654,066	34,362	33,901	69	87	37 847	16 061,117	84 332,150	5,251	4,790
20	38	98 397	76 750,204	2 594 873,840	33,809	33,349	70	88	33 378	13 989,617	68 271,032	4,880	4,420
21	39	98 302	75 729,406	2 518 123,636	33,252	32,791	71	89	28 930	11 975,603	54 281,415	4,533	4,072
22	40	98 198	74 715,579	2 442 394,229	32,689	32,229	72	90	24 575	10 047,302	42 305,812	4,211	3,750
23	41	98 095	73 715,527	2 367 678,650	32,119	31,659	73	91	20 409	8 240,933	32 258,510	3,914	3,454
24	42	97 981	72 721,527	2 293 963,123	31,544	31,084	74	92	16 532	6 592,954	24 017,577	3,643	3,183
25	43	97 858	71 732,906	2 221 241,596	30,965	30,505	75	93	13 006	5 122,848	17 424,623	3,401	2,941
26	44	97 727	70 752,593	2 149 508,690	30,381	29,920	76	94	9 930	3 862,876	12 301,775	3,185	2,724
27	45	97 591	69 782,245	2 078 756,097	29,789	29,329	77	95	7 365	2 829,680	8 438,899	2,982	2,522
28	46	97 442	68 815,637	2 008 973,852	29,194	28,733	78	96	5 271	2 000,259	5 609,219	2,804	2,344
29	47	97 282	67 854,178	1 940 158,215	28,593	28,133	79	97	3 629	1 360,093	3 608,960	2,653	2,193
30	48	97 108	66 896,374	1 872 304,037	27,988	27,528	80	98	2 433	900,507	2 248,867	2,497	2,037
31	49	96 909	65 935,418	1 805 407,663	27,381	26,921	81	99	1 564	571,866	1 348,360	2,358	1,897
32	50	96 690	64 974,438	1 739 472,245	26,772	26,311	82	100	963	347,861	776,494	2,232	1,772
33	51	96 453	64 014,827	1 674 497,807	26,158	25,698							
34	52	96 185	63 049,000	1 610 482,980	25,543	25,083							
35	53	95 906	62 089,682	1 547 433,980	24,923	24,462							
36	54	95 596	61 124,965	1 485 344,298	24,300	23,840							
37	55	95 249	60 150,892	1 424 219,333	23,677	23,217							
38	56	94 857	59 164,309	1 364 068,441	23,056	22,595							
39	57	94 441	58 177,116	1 304 904,131	22,430	21,969							
40	58	93 977	57 176,953	1 246 727,016	21,805	21,344							
41	59	93 469	56 165,783	1 189 550,063	21,179	20,719							
42	60	92 901	55 135,189	1 133 384,280	20,556	20,096							
43	61	92 294	54 098,694	1 078 249,091	19,931	19,471							
44	62	91 632	53 047,605	1 024 150,397	19,306	18,846							
45	63	90 913	51 981,669	971 102,791	18,682	18,221							
46	64	90 129	50 897,019	919 121,122	18,058	17,598							
47	65	89 277	49 793,308	868 224,103	17,437	16,976							
48	66	88 355	48 670,728	818 430,795	16,816	16,355							
49	67	87 351	47 523,821	769 760,067	16,197	15,737							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	4 321 391,225	43,416	42,955	50	69	85 399	45 888,249	691 481,286	15,069	14,608
1	20	99 182	97 957,475	4 221 855,953	43,099	42,638	51	70	84 142	44 654,476	645 593,037	14,458	13,997
2	21	99 142	96 708,910	4 123 898,478	42,642	42,182	52	71	82 788	43 393,796	600 938,560	13,848	13,388
3	22	99 112	95 486,051	4 027 189,569	42,176	41,715	53	72	81 318	42 097,114	557 544,765	13,244	12,784
4	23	99 083	94 280,211	3 931 703,518	41,702	41,242	54	73	79 741	40 771,029	515 447,651	12,642	12,182
5	24	99 056	93 090,405	3 837 423,307	41,223	40,762	55	74	78 014	39 395,462	474 676,621	12,049	11,589
6	25	99 031	91 917,683	3 744 332,902	40,736	40,275	56	75	76 159	37 984,018	435 281,159	11,460	10,999
7	26	99 002	90 757,075	3 652 415,219	40,244	39,783	57	76	74 154	36 527,445	397 297,141	10,877	10,416
8	27	98 975	89 611,931	3 561 658,144	39,745	39,285	58	77	71 999	35 028,041	360 769,695	10,299	9,839
9	28	98 947	88 480,308	3 472 046,214	39,241	38,781	59	78	69 733	33 506,615	325 741,654	9,722	9,261
10	29	98 915	87 360,148	3 383 565,906	38,731	38,271	60	79	67 246	31 912,835	292 235,039	9,157	8,697
11	30	98 884	86 253,913	3 296 205,758	38,215	37,755	61	80	64 552	30 255,943	260 322,204	8,604	8,144
12	31	98 849	85 159,073	3 209 951,846	37,694	37,233	62	81	61 616	28 523,334	230 066,261	8,066	7,606
13	32	98 808	84 073,200	3 124 792,772	37,168	36,707	63	82	58 431	26 714,923	201 542,927	7,544	7,084
14	33	98 766	82 999,654	3 040 719,572	36,635	36,175	64	83	54 963	24 819,204	174 828,004	7,044	6,584
15	34	98 719	81 936,133	2 957 719,918	36,098	35,637	65	84	51 195	22 832,467	150 008,800	6,570	6,110
16	35	98 666	80 881,107	2 875 783,785	35,556	35,095	66	85	47 194	20 788,013	127 176,333	6,118	5,657
17	36	98 597	79 827,016	2 794 902,678	35,012	34,552	67	86	42 982	18 698,840	106 388,320	5,690	5,229
18	37	98 524	78 782,889	2 715 075,662	34,463	34,002	68	87	38 605	16 587,637	87 689,480	5,286	4,826
19	38	98 436	77 740,952	2 636 292,772	33,911	33,451	69	88	34 097	14 469,545	71 101,843	4,914	4,454
20	39	98 342	76 707,676	2 558 551,820	33,355	32,894	70	89	29 596	12 404,537	56 632,298	4,565	4,105
21	40	98 238	75 680,133	2 481 844,144	32,794	32,333	71	90	25 203	10 433,071	44 227,761	4,239	3,779
22	41	98 136	74 668,275	2 406 164,011	32,225	31,764	72	91	20 960	8 569,173	33 794,690	3,944	3,483
23	42	98 023	73 661,498	2 331 495,736	31,651	31,191	73	92	17 022	6 873,530	25 225,518	3,670	3,210
24	43	97 902	72 662,851	2 257 834,237	31,073	30,612	74	93	13 424	5 353,836	18 351,987	3,428	2,967
25	44	97 770	71 668,655	2 185 171,386	30,490	30,030	75	94	10 282	4 049,823	12 998,152	3,210	2,749
26	45	97 634	70 685,671	2 113 502,731	29,900	29,440	76	95	7 651	2 976,514	8 948,329	3,006	2,546
27	46	97 486	69 707,183	2 042 817,060	29,306	28,845	77	96	5 492	2 110,224	5 971,815	2,830	2,370
28	47	97 327	68 734,146	1 973 109,877	28,706	28,246	78	97	3 799	1 441,561	3 861,591	2,679	2,218
29	48	97 156	67 766,010	1 904 375,731	28,102	27,642	79	98	2 559	959,219	2 420,030	2,523	2,063
30	49	96 960	66 794,885	1 836 609,720	27,496	27,036	80	99	1 657	613,224	1 460,812	2,382	1,922
31	50	96 746	65 824,378	1 769 814,835	26,887	26,427	81	100	1 027	375,570	847,588	2,257	1,796
32	51	96 512	64 854,632	1 703 990,457	26,274	25,814							
33	52	96 253	63 881,900	1 639 135,825	25,659	25,198							
34	53	95 973	62 910,013	1 575 253,925	25,040	24,579							
35	54	95 668	61 935,788	1 512 343,912	24,418	23,958							
36	55	95 333	60 956,610	1 450 408,124	23,794	23,334							
37	56	94 952	59 963,680	1 389 451,514	23,172	22,711							
38	57	94 537	58 964,240	1 329 487,834	22,547	22,087							
39	58	94 086	57 958,585	1 270 523,594	21,921	21,461							
40	59	93 585	56 938,320	1 212 565,008	21,296	20,836							
41	60	93 036	55 905,485	1 155 626,688	20,671	20,211							
42	61	92 425	54 852,522	1 099 721,203	20,049	19,588							
43	62	91 778	53 796,489	1 044 868,681	19,423	18,962							
44	63	91 071	52 722,852	991 072,193	18,798	18,337							
45	64	90 299	51 630,263	938 349,340	18,174	17,714							
46	65	89 461	50 519,933	886 719,077	17,552	17,091							
47	66	88 561	49 394,280	836 199,144	16,929	16,469							
48	67	87 581	48 244,482	786 804,864	16,309	15,848							
49	68	86 534	47 079,097	738 560,382	15,688	15,227							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	4 283 565,810	43,043	42,582	50	70	84 413	45 358,410	660 227,751	14,556	14,095
1	21	99 166	97 941,441	4 184 046,898	42,720	42,259	51	71	83 086	44 093,984	614 869,342	13,945	13,484
2	22	99 125	96 692,489	4 086 105,457	42,259	41,798	52	72	81 645	42 794,333	570 775,358	13,338	12,877
3	23	99 095	95 470,030	3 989 412,968	41,787	41,327	53	73	80 103	41 467,851	527 981,025	12,732	12,272
4	24	99 067	94 264,791	3 893 942,938	41,309	40,848	54	74	78 407	40 088,683	486 513,175	12,136	11,676
5	25	99 040	93 075,113	3 799 678,147	40,824	40,363	55	75	76 595	38 678,775	446 424,491	11,542	11,081
6	26	99 011	91 899,813	3 706 603,034	40,333	39,873	56	76	74 627	37 219,781	407 745,716	10,955	10,495
7	27	98 985	90 740,898	3 614 703,221	39,835	39,375	57	77	72 512	35 718,405	370 525,935	10,374	9,913
8	28	98 954	89 593,135	3 523 962,323	39,333	38,873	58	78	70 276	34 189,525	334 807,530	9,793	9,332
9	29	98 923	88 459,250	3 434 369,189	38,824	38,364	59	79	67 836	32 594,984	300 618,005	9,223	8,762
10	30	98 891	87 338,590	3 345 909,938	38,310	37,849	60	80	65 174	30 929,652	268 023,021	8,666	8,205
11	31	98 856	86 229,521	3 258 571,348	37,790	37,329	61	81	62 276	29 189,073	237 093,369	8,123	7,662
12	32	98 817	85 131,652	3 172 341,827	37,264	36,804	62	82	59 126	27 370,555	207 904,297	7,596	7,136
13	33	98 775	84 044,959	3 087 210,175	36,733	36,272	63	83	55 684	25 459,261	180 533,742	7,091	6,631
14	34	98 731	82 970,585	3 003 165,215	36,196	35,735	64	84	51 929	23 449,287	155 074,481	6,613	6,153
15	35	98 681	81 904,851	2 920 194,630	35,654	35,193	65	85	47 930	21 376,029	131 625,194	6,158	5,697
16	36	98 620	80 843,341	2 838 289,780	35,109	34,648	66	86	43 716	19 256,067	110 249,165	5,725	5,265
17	37	98 550	79 788,950	2 757 446,439	34,559	34,099	67	87	39 316	17 104,231	90 993,098	5,320	4,860
18	38	98 474	78 743,109	2 677 657,489	34,005	33,545	68	88	34 780	14 943,889	73 888,867	4,944	4,484
19	39	98 382	77 697,875	2 598 914,380	33,449	32,989	69	89	30 233	12 830,087	58 944,978	4,594	4,134
20	40	98 278	76 657,767	2 521 216,504	32,889	32,429	70	90	25 784	10 806,755	46 114,891	4,267	3,807
21	41	98 175	75 632,218	2 444 558,738	32,322	31,861	71	91	21 496	8 898,189	35 308,136	3,968	3,508
22	42	98 064	74 613,547	2 368 926,519	31,749	31,289	72	92	17 482	7 147,305	26 409,947	3,695	3,235
23	43	97 944	73 602,064	2 294 312,972	31,172	30,711	73	93	13 823	5 581,679	19 262,642	3,451	2,991
24	44	97 815	72 597,768	2 220 710,908	30,589	30,129	74	94	10 613	4 232,428	13 680,963	3,232	2,772
25	45	97 677	71 600,867	2 148 113,140	30,001	29,541	75	95	7 922	3 120,565	9 448,535	3,028	2,567
26	46	97 529	70 609,638	2 076 512,273	29,408	28,948	76	96	5 706	2 219,724	6 327,970	2,851	2,390
27	47	97 371	69 624,636	2 005 902,635	28,810	28,350	77	97	3 958	1 520,811	4 108,246	2,701	2,241
28	48	97 201	68 644,835	1 936 277,999	28,207	27,747	78	98	2 679	1 016,675	2 587,435	2,545	2,085
29	49	97 008	67 663,202	1 867 633,164	27,602	27,142	79	99	1 743	653,205	1 570,760	2,405	1,944
30	50	96 797	66 682,398	1 799 969,962	26,993	26,533	80	100	1 088	402,731	917,555	2,278	1,818
31	51	96 568	65 703,005	1 733 287,564	26,381	25,920							
32	52	96 312	64 719,961	1 667 584,559	25,766	25,306							
33	53	96 041	63 741,077	1 602 864,598	25,146	24,686							
34	54	95 736	62 754,086	1 539 123,521	24,526	24,066							
35	55	95 405	61 765,200	1 476 369,435	23,903	23,443							
36	56	95 036	60 766,890	1 414 604,235	23,279	22,819							
37	57	94 631	59 760,907	1 353 837,345	22,654	22,194							
38	58	94 181	58 742,753	1 294 076,438	22,030	21,569							
39	59	93 693	57 716,691	1 235 333,685	21,403	20,943							
40	60	93 151	56 674,442	1 177 616,994	20,779	20,318							
41	61	92 559	55 618,868	1 120 942,552	20,154	19,694							
42	62	91 908	54 546,106	1 065 323,684	19,531	19,070							
43	63	91 217	53 467,151	1 010 777,578	18,905	18,444							
44	64	90 455	52 366,436	957 310,427	18,281	17,821							
45	65	89 630	51 247,745	904 943,991	17,658	17,198							
46	66	88 744	50 115,082	853 696,246	17,035	16,574							
47	67	87 786	48 961,697	803 581,164	16,412	15,952							
48	68	86 761	47 793,013	754 619,467	15,789	15,329							
49	69	85 651	46 598,703	706 826,454	15,168	14,708							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	4 244 711,463	42,659	42,199	50	71	83 353	44 789,082	628 557,532	14,034	13,573
1	22	99 149	97 924,811	4 145 208,841	42,331	41,870	51	72	81 938	43 484,848	583 768,450	13,425	12,964
2	23	99 108	96 676,266	4 047 284,030	41,864	41,404	52	73	80 424	42 154,647	540 283,603	12,817	12,356
3	24	99 079	95 454,416	3 950 607,764	41,387	40,927	53	74	78 762	40 773,843	498 128,955	12,217	11,756
4	25	99 051	94 249,306	3 855 153,349	40,904	40,443	54	75	76 980	39 359,386	457 355,113	11,620	11,160
5	26	99 020	93 057,018	3 760 904,043	40,415	39,955	55	76	75 054	37 900,559	417 995,727	11,029	10,568
6	27	98 994	91 883,433	3 667 847,025	39,918	39,458	56	77	72 974	36 395,406	380 095,168	10,443	9,983
7	28	98 964	90 721,865	3 575 963,592	39,417	38,956	57	78	70 776	34 863,363	343 699,762	9,858	9,398
8	29	98 931	89 571,812	3 485 241,727	38,910	38,450	58	79	68 364	33 259,314	308 836,399	9,286	8,825
9	30	98 899	88 437,422	3 395 669,914	38,396	37,936	59	80	65 746	31 590,785	275 577,086	8,723	8,263
10	31	98 863	87 313,892	3 307 232,493	37,878	37,417	60	81	62 876	29 839,026	243 986,300	8,177	7,716
11	32	98 824	86 201,755	3 219 918,601	37,353	36,893	61	82	59 759	28 009,388	214 147,275	7,646	7,185
12	33	98 784	85 103,055	3 133 716,846	36,823	36,362	62	83	56 347	26 084,076	186 137,887	7,136	6,676
13	34	98 740	84 015,525	3 048 613,790	36,286	35,826	63	84	52 611	24 054,015	160 053,811	6,654	6,194
14	35	98 694	82 938,907	2 964 598,265	35,744	35,284	64	85	48 617	21 953,504	135 999,796	6,195	5,735
15	36	98 635	81 866,606	2 881 659,358	35,199	34,739	65	86	44 398	19 800,749	114 046,292	5,760	5,299
16	37	98 573	80 804,790	2 799 792,752	34,649	34,188	66	87	39 988	17 613,938	94 245,543	5,351	4,890
17	38	98 501	79 748,662	2 718 987,962	34,094	33,634	67	88	35 420	15 409,291	76 631,605	4,973	4,513
18	39	98 420	78 699,477	2 639 239,300	33,536	33,075	68	89	30 839	13 250,686	61 222,314	4,620	4,160
19	40	98 318	77 647,321	2 560 539,823	32,977	32,516	69	90	26 339	11 177,492	47 971,628	4,292	3,831
20	41	98 216	76 609,233	2 482 892,501	32,410	31,949	70	91	21 991	9 216,897	36 794,136	3,992	3,532
21	42	98 103	75 576,784	2 406 283,269	31,839	31,379	71	92	17 929	7 421,728	27 577,238	3,716	3,255
22	43	97 985	74 553,345	2 330 706,485	31,262	30,802	72	93	14 196	5 803,999	20 155,510	3,473	3,012
23	44	97 856	73 536,139	2 256 153,139	30,681	30,220	73	94	10 928	4 412,547	14 351,511	3,252	2,792
24	45	97 722	72 529,101	2 182 617,000	30,093	29,633	74	95	8 177	3 261,270	9 938,963	3,048	2,587
25	46	97 572	71 523,849	2 110 087,899	29,502	29,041	75	96	5 908	2 327,150	6 677,693	2,869	2,409
26	47	97 414	70 526,022	2 038 564,050	28,905	28,445	76	97	4 112	1 599,727	4 350,544	2,720	2,259
27	48	97 244	69 534,168	1 968 038,028	28,303	27,843	77	98	2 792	1 072,567	2 750,817	2,565	2,104
28	49	97 053	68 540,694	1 898 503,860	27,699	27,239	78	99	1 824	692,331	1 678,250	2,424	1,964
29	50	96 845	67 549,252	1 829 963,166	27,091	26,630	79	100	1 145	428,989	985,919	2,298	1,838
30	51	96 619	66 559,442	1 762 413,913	26,479	26,018							
31	52	96 367	65 566,572	1 695 854,471	25,865	25,404							
32	53	96 099	64 577,291	1 630 287,899	25,246	24,785							
33	54	95 803	63 583,090	1 565 710,608	24,625	24,164							
34	55	95 472	62 581,244	1 502 127,518	24,003	23,542							
35	56	95 108	61 572,963	1 439 546,274	23,380	22,919							
36	57	94 715	60 561,401	1 377 973,311	22,753	22,293							
37	58	94 276	59 536,428	1 317 411,910	22,128	21,667							
38	59	93 788	58 497,586	1 257 875,481	21,503	21,043							
39	60	93 259	57 449,205	1 199 377,896	20,877	20,417							
40	61	92 674	56 383,883	1 141 928,691	20,253	19,792							
41	62	92 042	55 308,171	1 085 544,808	19,627	19,167							
42	63	91 346	54 212,179	1 030 236,637	19,004	18,543							
43	64	90 600	53 105,703	976 024,458	18,379	17,919							
44	65	89 785	51 978,464	922 918,754	17,756	17,295							
45	66	88 911	50 837,061	870 940,291	17,132	16,672							
46	67	87 967	49 676,186	820 103,229	16,509	16,049							
47	68	86 964	48 503,516	770 427,043	15,884	15,424							
48	69	85 876	47 305,334	721 923,527	15,261	14,801							
49	70	84 662	46 060,660	674 618,192	14,646	14,186							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	4 204 844,389	42,266	41,805	50	72	82 202	44 170,343	596 535,441	13,505	13,045
1	23	99 132	97 908,381	4 105 358,662	41,931	41,470	51	73	80 713	42 834,841	552 365,098	12,895	12,435
2	24	99 092	96 660,454	4 007 450,280	41,459	40,999	52	74	79 078	41 449,145	509 530,257	12,293	11,833
3	25	99 063	95 438,735	3 910 789,827	40,977	40,517	53	75	77 329	40 032,080	468 081,112	11,693	11,232
4	26	99 032	94 230,982	3 815 351,092	40,489	40,029	54	76	75 432	38 567,475	428 049,032	11,099	10,638
5	27	99 003	93 040,431	3 721 120,109	39,995	39,534	55	77	73 391	37 061,106	389 481,557	10,509	10,049
6	28	98 973	91 864,161	3 628 079,678	39,494	39,034	56	78	71 227	35 524,157	352 420,450	9,921	9,460
7	29	98 940	90 700,275	3 536 215,517	38,988	38,528	57	79	68 850	33 914,818	316 896,293	9,344	8,883
8	30	98 906	89 549,709	3 445 515,243	38,476	38,016	58	80	66 257	32 234,648	282 981,475	8,779	8,318
9	31	98 871	88 412,413	3 355 965,534	37,958	37,498	59	81	63 427	30 476,846	250 746,828	8,227	7,767
10	32	98 831	87 285,777	3 267 553,121	37,435	36,975	60	82	60 335	28 633,073	220 269,981	7,693	7,232
11	33	98 791	86 172,799	3 180 267,344	36,906	36,445	61	83	56 950	26 692,883	191 636,908	7,179	6,719
12	34	98 749	85 073,082	3 094 094,545	36,370	35,909	62	84	53 236	24 644,343	164 944,026	6,693	6,233
13	35	98 703	83 983,448	3 009 021,295	35,829	35,368	63	85	49 255	22 519,657	140 299,683	6,230	5,770
14	36	98 647	82 900,180	2 925 037,847	35,284	34,823	64	86	45 034	20 335,668	117 780,025	5,792	5,331
15	37	98 588	81 827,567	2 842 137,667	34,733	34,273	65	87	40 611	18 112,171	97 444,358	5,380	4,920
16	38	98 523	80 763,989	2 760 310,099	34,177	33,717	66	88	36 025	15 868,489	79 332,187	4,999	4,539
17	39	98 446	79 704,473	2 679 546,110	33,619	33,158	67	89	31 407	13 663,356	63 463,697	4,645	4,184
18	40	98 356	78 648,272	2 599 841,637	33,057	32,596	68	90	26 867	11 543,915	49 800,341	4,314	3,854
19	41	98 256	77 598,161	2 521 193,366	32,490	32,030	69	91	22 464	9 533,092	38 256,426	4,013	3,553
20	42	98 144	76 553,082	2 443 595,205	31,920	31,460	70	92	18 342	7 687,554	28 723,334	3,736	3,276
21	43	98 024	75 515,805	2 367 042,122	31,345	30,885	71	93	14 559	6 026,846	21 035,780	3,490	3,030
22	44	97 897	74 486,568	2 291 526,318	30,764	30,304	72	94	11 223	4 588,301	15 008,934	3,271	2,811
23	45	97 763	73 466,585	2 217 039,750	30,178	29,717	73	95	8 420	3 400,060	10 420,633	3,065	2,604
24	46	97 617	72 451,084	2 143 573,164	29,586	29,126	74	96	6 098	2 432,080	7 020,574	2,887	2,426
25	47	97 457	71 439,151	2 071 122,080	28,991	28,531	75	97	4 258	1 677,147	4 588,493	2,736	2,276
26	48	97 287	70 434,383	1 999 682,929	28,391	27,930	76	98	2 900	1 128,223	2 911,346	2,580	2,120
27	49	97 097	69 428,677	1 929 248,546	27,787	27,327	77	99	1 901	730,392	1 783,124	2,441	1,981
28	50	96 890	68 425,267	1 859 819,869	27,180	26,720	78	100	1 198	454,685	1 052,731	2,315	1,855
29	51	96 666	67 424,698	1 791 394,602	26,569	26,108							
30	52	96 418	66 421,231	1 723 969,904	25,955	25,495							
31	53	96 155	65 422,036	1 657 548,672	25,336	24,876							
32	54	95 861	64 417,231	1 592 126,637	24,716	24,255							
33	55	95 539	63 407,965	1 527 709,405	24,093	23,633							
34	56	95 175	62 386,467	1 464 301,441	23,471	23,011							
35	57	94 786	61 364,749	1 401 914,973	22,846	22,385							
36	58	94 359	60 333,915	1 340 550,225	22,219	21,758							
37	59	93 882	59 287,948	1 280 216,309	21,593	21,133							
38	60	93 354	58 226,481	1 220 928,361	20,969	20,508							
39	61	92 781	57 154,674	1 162 701,880	20,343	19,883							
40	62	92 156	56 068,912	1 105 547,206	19,718	19,257							
41	63	91 478	54 969,579	1 049 478,294	19,092	18,632							
42	64	90 728	53 845,695	994 508,715	18,470	18,009							
43	65	89 929	52 712,254	940 663,020	17,845	17,385							
44	66	89 066	51 561,924	887 950,766	17,221	16,761							
45	67	88 133	50 391,843	836 388,842	16,598	16,137							
46	68	87 144	49 211,320	785 997,000	15,972	15,511							
47	69	86 077	48 008,588	736 785,680	15,347	14,887							
48	70	84 884	46 759,133	688 777,092	14,730	14,270							
49	71	83 599	45 482,518	642 017,959	14,116	13,655							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	4 163 981,049	41,862	41,402	50	73	80 973	43 510,090	564 236,594	12,968	12,508
1	24	99 116	97 892,367	4 064 512,013	41,520	41,060	51	74	79 362	42 117,955	520 726,504	12,364	11,903
2	25	99 076	96 644,575	3 966 619,645	41,043	40,583	52	75	77 640	40 695,097	478 608,549	11,761	11,300
3	26	99 043	95 420,181	3 869 975,070	40,557	40,097	53	76	75 774	39 226,636	437 913,452	11,164	10,703
4	27	99 014	94 214,187	3 774 554,889	40,064	39,603	54	77	73 761	37 713,251	398 686,816	10,572	10,111
5	28	98 982	93 020,916	3 680 340,703	39,565	39,104	55	78	71 635	36 173,921	360 973,565	9,979	9,518
6	29	98 949	91 842,298	3 587 319,786	39,060	38,599	56	79	69 289	34 557,634	324 799,644	9,399	8,938
7	30	98 916	90 677,893	3 495 477,489	38,548	38,088	57	80	66 729	32 869,957	290 242,010	8,830	8,370
8	31	98 878	89 524,386	3 404 799,596	38,032	37,572	58	81	63 921	31 098,005	257 372,053	8,276	7,816
9	32	98 839	88 383,944	3 315 275,210	37,510	37,050	59	82	60 864	29 245,116	226 274,048	7,737	7,277
10	33	98 798	87 256,457	3 226 891,266	36,982	36,521	60	83	57 499	27 287,253	197 028,932	7,221	6,760
11	34	98 756	86 142,619	3 139 634,809	36,447	35,987	61	84	53 806	25 219,546	169 741,679	6,731	6,270
12	35	98 711	85 040,770	3 053 492,190	35,906	35,446	62	85	49 841	23 072,330	144 522,133	6,264	5,803
13	36	98 657	83 944,233	2 968 451,421	35,362	34,902	63	86	45 625	20 860,099	121 449,803	5,822	5,362
14	37	98 600	82 860,649	2 884 507,188	34,812	34,351	64	87	41 194	18 601,472	100 589,704	5,408	4,947
15	38	98 538	81 786,250	2 801 646,539	34,256	33,795	65	88	36 587	16 317,350	81 988,232	5,025	4,564
16	39	98 469	80 719,237	2 719 860,289	33,695	33,235	66	89	31 943	14 070,525	65 670,882	4,667	4,207
17	40	98 382	79 652,613	2 639 141,052	33,133	32,673	67	90	27 361	11 903,431	51 600,357	4,335	3,875
18	41	98 293	78 598,477	2 559 488,439	32,564	32,104	68	91	22 914	9 845,609	39 696,926	4,032	3,572
19	42	98 184	77 541,286	2 480 889,961	31,994	31,534	69	92	18 737	7 951,284	29 851,318	3,754	3,294
20	43	98 065	76 491,315	2 403 348,675	31,420	30,960	70	93	14 894	6 242,711	21 900,034	3,508	3,048
21	44	97 936	75 448,166	2 326 857,360	30,840	30,380	71	94	11 510	4 764,470	15 657,323	3,286	2,826
22	45	97 804	74 416,115	2 251 409,194	30,254	29,794	72	95	8 648	3 535,485	10 892,853	3,081	2,621
23	46	97 658	73 387,560	2 176 993,079	29,664	29,204	73	96	6 279	2 535,582	7 357,368	2,902	2,441
24	47	97 501	72 365,288	2 103 605,519	29,069	28,609	74	97	4 395	1 752,769	4 821,786	2,751	2,291
25	48	97 330	71 346,325	2 031 240,231	28,470	28,010	75	98	3 003	1 182,824	3 069,017	2,595	2,134
26	49	97 140	70 327,527	1 959 893,906	27,868	27,408	76	99	1 975	768,293	1 886,193	2,455	1,995
27	50	96 933	69 311,755	1 889 566,379	27,262	26,801	77	100	1 248	479,681	1 117,900	2,331	1,870
28	51	96 711	68 299,097	1 820 254,624	26,651	26,191							
29	52	96 466	67 284,691	1 751 955,527	26,038	25,578							
30	53	96 205	66 274,811	1 684 670,836	25,419	24,959							
31	54	95 916	65 259,882	1 618 396,025	24,799	24,339							
32	55	95 597	64 239,808	1 553 136,143	24,177	23,717							
33	56	95 241	63 210,615	1 488 896,335	23,555	23,094							
34	57	94 853	62 175,502	1 425 685,720	22,930	22,470							
35	58	94 430	61 134,245	1 363 510,218	22,304	21,843							
36	59	93 965	60 082,107	1 302 375,973	21,677	21,216							
37	60	93 447	59 013,181	1 242 293,866	21,051	20,591							
38	61	92 875	57 927,965	1 183 280,685	20,427	19,966							
39	62	92 262	56 835,398	1 125 352,720	19,800	19,340							
40	63	91 592	55 725,663	1 068 517,323	19,175	18,714							
41	64	90 860	54 597,974	1 012 791,660	18,550	18,090							
42	65	90 056	53 446,763	958 193,685	17,928	17,468							
43	66	89 208	52 289,834	904 746,923	17,303	16,842							
44	67	88 286	51 110,357	852 457,089	16,679	16,218							
45	68	87 308	49 920,279	801 346,731	16,053	15,592							
46	69	86 255	48 709,169	751 426,452	15,427	14,966							
47	70	85 083	47 454,267	702 717,284	14,808	14,348							
48	71	83 819	46 172,223	655 263,017	14,192	13,731							
49	72	82 444	44 854,200	609 090,794	13,579	13,119							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	4 122 136,675	41,448	40,988	50	74	79 618	42 781,903	531 728,481	12,429	11,968
1	25	99 100	97 876,287	4 022 683,908	41,100	40,639	51	75	77 918	41 351,740	488 946,578	11,824	11,364
2	26	99 057	96 625,786	3 924 807,622	40,619	40,158	52	76	76 078	39 876,313	447 594,838	11,225	10,764
3	27	99 026	95 403,173	3 828 181,835	40,126	39,666	53	77	74 095	38 357,812	407 718,525	10,629	10,169
4	28	98 993	94 194,426	3 732 778,662	39,628	39,168	54	78	71 995	36 810,455	369 360,714	10,034	9,574
5	29	98 958	92 998,778	3 638 584,237	39,125	38,665	55	79	69 686	35 189,720	332 550,259	9,450	8,990
6	30	98 925	91 819,634	3 545 585,459	38,615	38,154	56	80	67 155	33 492,969	297 360,539	8,878	8,418
7	31	98 888	90 652,250	3 453 765,824	38,099	37,639	57	81	64 376	31 710,913	263 867,570	8,321	7,861
8	32	98 847	89 495,559	3 363 113,574	37,579	37,118	58	82	61 338	29 841,170	232 156,657	7,780	7,319
9	33	98 806	88 354,255	3 273 618,015	37,051	36,591	59	83	58 003	27 870,529	202 315,487	7,259	6,799
10	34	98 763	87 225,897	3 185 263,760	36,517	36,057	60	84	54 325	25 781,109	174 444,958	6,766	6,306
11	35	98 718	86 109,730	3 098 037,863	35,978	35,517	61	85	50 374	23 610,841	148 663,849	6,296	5,836
12	36	98 665	85 001,061	3 011 928,133	35,434	34,974	62	86	46 168	21 372,043	125 053,008	5,851	5,391
13	37	98 610	83 904,204	2 926 927,072	34,884	34,424	63	87	41 734	19 081,181	103 680,965	5,434	4,973
14	38	98 551	82 818,809	2 843 022,868	34,328	33,868	64	88	37 111	16 758,164	84 599,784	5,048	4,588
15	39	98 484	81 740,932	2 760 204,059	33,768	33,307	65	89	32 442	14 468,528	67 841,620	4,689	4,229
16	40	98 404	80 666,717	2 678 463,127	33,204	32,744	66	90	27 829	12 258,154	53 373,092	4,354	3,894
17	41	98 320	79 602,183	2 597 796,410	32,635	32,174	67	91	23 336	10 152,233	41 114,938	4,050	3,589
18	42	98 221	78 540,869	2 518 194,226	32,062	31,602	68	92	19 112	8 211,944	30 962,704	3,770	3,310
19	43	98 104	77 478,721	2 439 653,357	31,488	31,028	69	93	15 215	6 456,873	22 750,760	3,523	3,063
20	44	97 977	76 422,803	2 362 174,636	30,909	30,449	70	94	11 775	4 935,120	16 293,887	3,302	2,841
21	45	97 844	75 376,803	2 285 751,833	30,324	29,864	71	95	8 869	3 671,231	11 358,766	3,094	2,634
22	46	97 699	74 336,068	2 210 375,030	29,735	29,275	72	96	6 449	2 636,575	7 687,535	2,916	2,455
23	47	97 542	73 300,655	2 136 038,962	29,141	28,680	73	97	4 525	1 827,362	5 050,960	2,764	2,304
24	48	97 375	72 271,259	2 062 738,307	28,542	28,081	74	98	3 100	1 236,157	3 223,598	2,608	2,147
25	49	97 182	71 238,085	1 990 467,047	27,941	27,481	75	99	2 045	805,475	1 987,441	2,467	2,007
26	50	96 976	70 209,090	1 919 228,962	27,336	26,876	76	100	1 297	504,572	1 181,966	2,343	1,882
27	51	96 755	69 183,951	1 849 019,872	26,726	26,266							
28	52	96 510	68 157,274	1 779 835,921	26,114	25,653							
29	53	96 253	67 136,367	1 711 678,647	25,496	25,035							
30	54	95 967	66 110,544	1 644 542,280	24,876	24,415							
31	55	95 652	65 080,138	1 578 431,737	24,254	23,793							
32	56	95 300	64 039,870	1 513 351,598	23,631	23,171							
33	57	94 919	62 996,863	1 449 311,729	23,006	22,546							
34	58	94 497	61 941,953	1 386 314,866	22,381	21,920							
35	59	94 036	60 879,096	1 324 372,913	21,754	21,294							
36	60	93 530	59 803,659	1 263 493,816	21,127	20,667							
37	61	92 968	58 710,631	1 203 690,158	20,502	20,042							
38	62	92 356	57 604,369	1 144 979,526	19,877	19,416							
39	63	91 698	56 487,456	1 087 375,158	19,250	18,789							
40	64	90 973	55 348,947	1 030 887,702	18,625	18,165							
41	65	90 187	54 193,469	975 538,754	18,001	17,541							
42	66	89 334	53 018,457	921 345,285	17,378	16,917							
43	67	88 427	51 831,892	868 326,828	16,753	16,292							
44	68	87 460	50 632,070	816 494,936	16,126	15,666							
45	69	86 417	49 410,894	765 862,866	15,500	15,039							
46	70	85 259	48 146,758	716 451,972	14,881	14,420							
47	71	84 015	46 858,632	668 305,214	14,262	13,802							
48	72	82 661	45 534,378	621 446,582	13,648	13,187							
49	73	81 212	44 183,724	575 912,205	13,034	12,574							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	4 079 325,856	41,024	40,564	50	75	78 170	42 003,609	499 105,696	11,882	11,422
1	26	99 080	97 857,258	3 979 889,426	40,670	40,210	51	76	76 351	40 519,744	457 102,087	11,281	10,821
2	27	99 039	96 608,564	3 882 032,168	40,183	39,723	52	77	74 393	38 993,099	416 582,343	10,683	10,223
3	28	99 005	95 383,163	3 785 423,604	39,686	39,226	53	78	72 322	37 439,586	377 589,244	10,085	9,625
4	29	98 970	94 172,008	3 690 040,442	39,184	38,724	54	79	70 036	35 808,935	340 149,658	9,499	9,039
5	30	98 934	92 975,830	3 595 868,434	38,675	38,215	55	80	67 539	34 105,581	304 340,723	8,923	8,463
6	31	98 897	91 793,669	3 502 892,604	38,161	37,700	56	81	64 787	32 311,956	270 235,142	8,363	7,903
7	32	98 856	90 623,060	3 411 098,935	37,641	37,180	57	82	61 774	30 429,307	237 923,186	7,819	7,358
8	33	98 813	89 465,496	3 320 475,875	37,115	36,654	58	83	58 455	28 438,567	207 493,879	7,296	6,836
9	34	98 771	88 323,311	3 231 010,379	36,582	36,121	59	84	54 802	26 332,191	179 055,312	6,800	6,339
10	35	98 726	87 192,595	3 142 687,068	36,043	35,583	60	85	50 860	24 136,584	152 723,121	6,327	5,867
11	36	98 672	86 069,523	3 055 494,473	35,500	35,040	61	86	46 662	21 870,870	128 586,537	5,879	5,419
12	37	98 618	84 960,528	2 969 424,950	34,951	34,490	62	87	42 231	19 549,467	106 715,667	5,459	4,998
13	38	98 560	83 861,838	2 884 464,423	34,395	33,935	63	88	37 599	17 190,336	87 166,200	5,071	4,610
14	39	98 496	82 772,919	2 800 602,585	33,835	33,374	64	89	32 907	14 859,396	69 975,864	4,709	4,249
15	40	98 420	81 687,747	2 717 829,666	33,271	32,811	65	90	28 263	12 604,892	55 116,468	4,373	3,912
16	41	98 342	80 615,645	2 636 141,919	32,700	32,240	66	91	23 735	10 454,771	42 511,576	4,066	3,606
17	42	98 248	79 543,839	2 555 526,274	32,127	31,667	67	92	19 464	8 467,692	32 056,806	3,786	3,325
18	43	98 142	78 477,498	2 475 982,434	31,550	31,090	68	93	15 520	6 668,544	23 589,114	3,537	3,077
19	44	98 016	77 409,324	2 397 504,936	30,972	30,511	69	94	12 028	5 104,425	16 920,570	3,315	2,854
20	45	97 884	76 350,518	2 320 095,612	30,387	29,927	70	95	9 073	3 802,725	11 816,146	3,107	2,647
21	46	97 739	75 295,723	2 243 745,094	29,799	29,339	71	96	6 614	2 737,807	8 013,421	2,927	2,467
22	47	97 583	74 248,040	2 168 449,371	29,205	28,745	72	97	4 648	1 900,146	5 275,613	2,776	2,316
23	48	97 416	73 205,411	2 094 201,331	28,607	28,147	73	98	3 192	1 288,764	3 375,467	2,619	2,159
24	49	97 227	72 161,616	2 020 995,920	28,007	27,546	74	99	2 111	841,794	2 086,703	2,479	2,018
25	50	97 019	71 118,116	1 948 834,304	27,403	26,942	75	100	1 343	528,992	1 244,909	2,353	1,893
26	51	96 797	70 079,632	1 877 716,189	26,794	26,334							
27	52	96 554	69 040,290	1 807 636,557	26,182	25,722							
28	53	96 297	68 007,026	1 738 596,267	25,565	25,105							
29	54	96 014	66 969,964	1 670 589,240	24,945	24,485							
30	55	95 703	65 928,457	1 603 619,276	24,324	23,863							
31	56	95 354	64 877,584	1 537 690,819	23,701	23,241							
32	57	94 977	63 823,313	1 472 813,235	23,076	22,616							
33	58	94 563	62 760,229	1 408 989,922	22,450	21,990							
34	59	94 102	61 683,433	1 346 229,693	21,825	21,364							
35	60	93 600	60 596,955	1 284 546,260	21,198	20,738							
36	61	93 050	59 497,057	1 223 949,305	20,572	20,111							
37	62	92 449	58 382,663	1 164 452,248	19,945	19,485							
38	63	91 791	57 251,720	1 106 069,585	19,319	18,859							
39	64	91 078	56 105,590	1 048 817,866	18,694	18,233							
40	65	90 299	54 938,878	992 712,275	18,069	17,609							
41	66	89 464	53 759,179	937 773,397	17,444	16,984							
42	67	88 552	52 554,134	884 014,218	16,821	16,361							
43	68	87 599	51 346,853	831 460,084	16,193	15,733							
44	69	86 567	50 115,422	780 113,231	15,566	15,106							
45	70	85 419	48 840,381	729 997,810	14,947	14,486							
46	71	84 189	47 542,432	681 157,429	14,327	13,867							
47	72	82 854	46 211,304	633 614,997	13,711	13,251							
48	73	81 425	44 853,734	587 403,693	13,096	12,636							
49	74	79 853	43 444,263	542 549,959	12,488	12,028							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	50 701,913	1 149 742,057	22,677	22,216
1	0	99 661	98 431,015	4 737 824,348	48,133	47,673	51	50	93 896	49 830,992	1 099 040,144	22,055	21,595
2	1	99 349	96 911,255	4 639 393,334	47,873	47,412	52	51	93 387	48 949,279	1 049 209,152	21,435	20,974
3	2	99 314	95 680,802	4 542 482,079	47,475	47,015	53	52	92 821	48 051,795	1 000 259,873	20,816	20,356
4	3	99 289	94 475,939	4 446 801,277	47,068	46,608	54	53	92 198	47 140,191	952 208,078	20,199	19,739
5	4	99 268	93 289,621	4 352 325,338	46,654	46,194	55	54	91 509	46 210,214	905 067,887	19,586	19,125
6	5	99 250	92 121,043	4 259 035,717	46,233	45,773	56	55	90 738	45 255,186	858 857,673	18,978	18,518
7	6	99 234	90 969,373	4 166 914,674	45,806	45,345	57	56	89 883	44 275,150	813 602,487	18,376	17,916
8	7	99 217	89 831,003	4 075 945,301	45,373	44,913	58	57	88 946	43 272,575	769 327,337	17,779	17,318
9	8	99 205	88 710,996	3 986 114,298	44,934	44,473	59	58	87 927	42 248,941	726 054,762	17,185	16,725
10	9	99 190	87 602,452	3 897 403,302	44,490	44,029	60	59	86 799	41 192,114	683 805,820	16,600	16,140
11	10	99 177	86 509,899	3 809 800,850	44,039	43,579	61	60	85 572	40 108,124	642 613,706	16,022	15,562
12	11	99 165	85 431,221	3 723 290,952	43,582	43,122	62	61	84 231	38 992,408	602 505,582	15,452	14,991
13	12	99 148	84 362,556	3 637 859,731	43,122	42,661	63	62	82 776	37 845,787	563 513,174	14,890	14,429
14	13	99 133	83 308,035	3 553 497,175	42,655	42,195	64	63	81 204	36 668,464	525 667,387	14,336	13,875
15	14	99 113	82 262,874	3 470 189,139	42,184	41,724	65	64	79 515	35 462,555	488 998,923	13,789	13,329
16	15	99 088	81 227,161	3 387 926,266	41,709	41,249	66	65	77 714	34 231,538	453 536,368	13,249	12,789
17	16	99 054	80 196,726	3 306 699,104	41,232	40,772	67	66	75 796	32 974,572	419 304,830	12,716	12,256
18	17	99 015	79 175,401	3 226 502,378	40,751	40,291	68	67	73 774	31 698,589	386 330,258	12,188	11,727
19	18	98 964	78 157,607	3 147 326,978	40,269	39,809	69	68	71 648	30 405,205	354 631,669	11,664	11,203
20	19	98 908	77 149,024	3 069 169,371	39,782	39,322	70	69	69 422	29 096,758	324 226,464	11,143	10,683
21	20	98 851	76 152,606	2 992 020,346	39,290	38,829	71	70	67 076	27 766,286	295 129,705	10,629	10,169
22	21	98 795	75 169,725	2 915 867,740	38,790	38,330	72	71	64 582	26 403,981	267 363,420	10,126	9,665
23	22	98 737	74 197,978	2 840 698,015	38,285	37,825	73	72	62 016	25 041,799	240 959,439	9,622	9,162
24	23	98 678	73 238,871	2 766 500,037	37,774	37,313	74	73	59 328	23 660,555	215 917,640	9,126	8,665
25	24	98 617	72 289,728	2 693 261,165	37,256	36,796	75	74	56 516	22 260,837	192 257,085	8,637	8,176
26	25	98 557	71 354,004	2 620 971,437	36,732	36,272	76	75	53 588	20 846,960	169 996,248	8,154	7,694
27	26	98 495	70 428,341	2 549 617,433	36,202	35,741	77	76	50 543	19 419,815	149 149,287	7,680	7,220
28	27	98 433	69 515,179	2 479 189,092	35,664	35,204	78	77	47 434	18 000,126	129 729,472	7,207	6,747
29	28	98 367	68 610,818	2 409 673,913	35,121	34,661	79	78	44 228	16 576,327	111 729,347	6,740	6,280
30	29	98 295	67 714,221	2 341 063,095	34,573	34,112	80	79	40 896	15 138,327	95 153,020	6,286	5,825
31	30	98 219	66 826,430	2 273 348,874	34,019	33,558	81	80	37 425	13 682,429	80 014,693	5,848	5,388
32	31	98 135	65 944,898	2 206 522,444	33,460	33,000	82	81	33 859	12 226,089	66 332,264	5,425	4,965
33	32	98 043	65 070,016	2 140 577,546	32,897	32,436	83	82	30 236	10 782,974	54 106,175	5,018	4,557
34	33	97 941	64 200,052	2 075 507,531	32,329	31,868	84	83	26 539	9 347,500	43 323,200	4,635	4,174
35	34	97 838	63 340,708	2 011 307,479	31,754	31,293	85	84	22 828	7 941,166	33 975,700	4,278	3,818
36	35	97 727	62 487,626	1 947 966,771	31,174	30,713	86	85	19 194	6 594,523	26 034,534	3,948	3,488
37	36	97 595	61 632,879	1 885 479,145	30,592	30,132	87	86	15 740	5 341,304	19 440,011	3,640	3,179
38	37	97 451	60 782,258	1 823 846,266	30,006	29,546	88	87	12 540	4 202,844	14 098,707	3,355	2,894
39	38	97 303	59 940,584	1 763 064,008	29,414	28,953	89	88	9 640	3 190,899	9 895,864	3,101	2,641
40	39	97 137	59 099,456	1 703 123,425	28,818	28,358	90	89	7 136	2 332,821	6 704,965	2,874	2,414
41	40	96 954	58 259,665	1 644 023,969	28,219	27,759	91	90	5 077	1 639,145	4 372,144	2,667	2,207
42	41	96 752	57 420,555	1 585 764,304	27,617	27,156	92	91	3 461	1 103,648	2 732,999	2,476	2,016
43	42	96 544	56 589,928	1 528 343,748	27,007	26,547	93	92	2 240	705,562	1 629,351	2,309	1,849
44	43	96 312	55 757,134	1 471 753,821	26,396	25,935	94	93	1 374	427,270	923,789	2,162	1,702
45	44	96 059	54 924,055	1 415 996,687	25,781	25,321	95	94	793	243,565	496,518	2,039	1,578
46	45	95 788	54 092,820	1 361 072,633	25,162	24,701	96	95	433	131,436	252,954	1,925	1,464
47	46	95 488	53 257,458	1 306 979,812	24,541	24,080	97	96	221	66,356	121,518	1,831	1,371
48	47	95 152	52 415,173	1 253 722,354	23,919	23,459	98	97	106	31,506	55,162	1,751	1,290
49	48	94 779	51 565,124	1 201 307,181	23,297	22,837	99	98	49	14,220	23,656	1,664	1,203
							100	99	21	5,923	9,435	1,593	1,133

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	50 778,951	1 162 279,729	22,889	22,429
1							51	49	94 054	49 915,052	1 111 500,778	22,268	21,807
2	0	99 637	97 192,322	4 653 186,316	47,876	47,416	52	50	93 560	49 039,703	1 061 585,726	21,647	21,187
3	1	99 336	95 702,087	4 555 993,994	47,606	47,146	53	51	93 014	48 151,782	1 012 546,023	21,028	20,568
4	2	99 302	94 488,355	4 460 291,907	47,205	46,744	54	52	92 402	47 244,338	964 394,240	20,413	19,953
5	3	99 278	93 298,923	4 365 803,551	46,794	46,333	55	53	91 737	46 325,034	917 149,902	19,798	19,338
6	4	99 259	92 129,524	4 272 504,628	46,375	45,915	56	54	90 989	45 380,175	870 824,869	19,190	18,729
7	5	99 241	90 975,554	4 180 375,104	45,951	45,490	57	55	90 163	44 413,382	825 444,693	18,585	18,125
8	6	99 224	89 837,563	4 089 399,550	45,520	45,060	58	56	89 247	43 419,402	781 031,312	17,988	17,528
9	7	99 210	88 715,221	3 999 561,988	45,083	44,623	59	57	88 259	42 408,239	737 611,910	17,393	16,933
10	8	99 197	87 608,766	3 910 846,767	44,640	44,180	60	58	87 163	41 364,753	695 203,671	16,807	16,346
11	9	99 182	86 514,497	3 823 238,001	44,192	43,731	61	59	85 970	40 294,869	653 838,918	16,226	15,766
12	10	99 170	85 435,970	3 736 723,504	43,737	43,277	62	60	84 665	39 193,345	613 544,049	15,654	15,194
13	11	99 156	84 369,045	3 651 287,534	43,278	42,817	63	61	83 241	38 058,388	574 350,704	15,091	14,631
14	12	99 139	83 313,300	3 566 918,489	42,813	42,353	64	62	81 704	36 894,328	536 292,316	14,536	14,076
15	13	99 121	82 269,376	3 483 605,189	42,344	41,883	65	63	80 056	35 703,921	499 397,988	13,987	13,527
16	14	99 097	81 234,655	3 401 335,812	41,871	41,410	66	64	78 294	34 487,045	463 694,067	13,445	12,985
17	15	99 066	80 206,012	3 320 101,157	41,395	40,934	67	65	76 408	33 240,954	429 207,022	12,912	12,452
18	16	99 028	79 185,524	3 239 895,145	40,915	40,455	68	66	74 426	31 978,651	395 966,068	12,382	11,922
19	17	98 977	78 167,742	3 160 709,622	40,435	39,975	69	67	72 325	30 692,423	363 987,417	11,859	11,399
20	18	98 924	77 161,549	3 082 541,880	39,949	39,489	70	68	70 138	29 396,721	333 294,994	11,338	10,877
21	19	98 867	76 165,126	3 005 380,331	39,459	38,998	71	69	67 859	28 090,628	303 898,272	10,818	10,358
22	20	98 811	75 182,031	2 929 215,205	38,962	38,501	72	70	65 403	26 739,610	275 807,644	10,315	9,854
23	21	98 753	74 210,579	2 854 033,175	38,459	37,998	73	71	62 885	25 392,585	249 068,034	9,809	9,348
24	22	98 695	73 251,161	2 779 822,595	37,949	37,489	74	72	60 228	24 019,597	223 675,449	9,312	8,852
25	23	98 633	72 301,554	2 706 571,434	37,434	36,974	75	73	57 478	22 639,737	199 655,852	8,819	8,358
26	24	98 574	71 365,728	2 634 269,880	36,912	36,452	76	74	54 581	21 233,238	177 016,115	8,337	7,876
27	25	98 514	70 442,036	2 562 904,153	36,383	35,923	77	75	51 581	19 818,564	155 782,877	7,860	7,400
28	26	98 451	69 527,572	2 492 462,117	35,849	35,388	78	76	48 508	18 407,838	135 964,313	7,386	6,926
29	27	98 387	68 625,211	2 422 934,545	35,307	34,846	79	77	45 313	16 982,870	117 556,475	6,922	6,462
30	28	98 318	67 730,340	2 354 309,334	34,760	34,300	80	78	42 040	15 561,723	100 573,605	6,463	6,002
31	29	98 243	66 842,924	2 286 578,994	34,208	33,748	81	79	38 615	14 117,362	85 011,882	6,022	5,561
32	30	98 162	65 963,551	2 219 736,069	33,651	33,191	82	80	35 097	12 672,957	70 894,520	5,594	5,134
33	31	98 075	65 090,975	2 153 772,518	33,089	32,628	83	81	31 510	11 237,126	58 221,564	5,181	4,721
34	32	97 974	64 221,625	2 088 681,543	32,523	32,063	84	82	27 848	9 808,523	46 984,438	4,790	4,330
35	33	97 873	63 362,899	2 024 459,918	31,950	31,490	85	83	24 161	8 405,093	37 175,915	4,423	3,963
36	34	97 764	62 511,492	1 961 097,019	31,372	30,911	86	84	20 501	7 043,835	28 770,822	4,085	3,624
37	35	97 641	61 661,671	1 898 585,527	30,790	30,330	87	85	16 993	5 766,240	21 726,987	3,768	3,308
38	36	97 498	60 811,256	1 836 923,856	30,207	29,747	88	86	13 709	4 594,670	15 960,747	3,474	3,013
39	37	97 352	59 970,865	1 776 112,599	29,616	29,156	89	87	10 700	3 541,881	11 366,077	3,209	2,749
40	38	97 191	59 132,221	1 716 141,735	29,022	28,562	90	88	8 047	2 630,914	7 824,196	2,974	2,514
41	39	97 017	58 297,596	1 657 009,513	28,423	27,963	91	89	5 827	1 881,493	5 193,283	2,760	2,300
42	40	96 813	57 456,933	1 598 711,917	27,825	27,364	92	90	4 058	1 294,021	3 311,789	2,559	2,099
43	41	96 615	56 631,435	1 541 254,984	27,216	26,755	93	91	2 686	845,925	2 017,769	2,385	1,925
44	42	96 390	55 802,158	1 484 623,549	26,605	26,145	94	92	1 691	526,160	1 171,844	2,227	1,767
45	43	96 145	54 973,294	1 428 821,391	25,991	25,531	95	93	1 003	308,099	645,684	2,096	1,635
46	44	95 879	54 144,033	1 373 848,097	25,374	24,914	96	94	562	170,576	337,585	1,979	1,519
47	45	95 590	53 314,807	1 319 704,065	24,753	24,293	97	95	297	88,979	167,010	1,877	1,417
48	46	95 265	52 477,317	1 266 389,258	24,132	23,672	98	96	148	43,717	78,030	1,785	1,325
49	47	94 902	51 632,213	1 213 911,941	23,511	23,050	99	97	69	20,163	34,313	1,702	1,241
							100	98	30	8,698	14,150	1,627	1,166

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	50 845,017	1 173 887,147	23,088	22,627
1							51	48	94 197	49 990,894	1 123 042,130	22,465	22,005
2							52	49	93 718	49 122,429	1 073 051,237	21,844	21,384
3	0	99 624	95 979,648	4 568 773,886	47,601	47,141	53	50	93 186	48 240,733	1 023 928,808	21,225	20,765
4	1	99 324	94 509,376	4 472 794,238	47,326	46,866	54	51	92 594	47 342,645	975 688,074	20,609	20,149
5	2	99 291	93 311,185	4 378 284,863	46,921	46,461	55	52	91 939	46 427,379	928 345,430	19,996	19,535
6	3	99 269	92 138,710	4 284 973,678	46,506	46,045	56	53	91 215	45 492,933	881 918,050	19,386	18,925
7	4	99 250	90 983,929	4 192 834,968	46,083	45,623	57	54	90 412	44 536,046	836 425,117	18,781	18,320
8	5	99 231	89 843,667	4 101 851,039	45,655	45,195	58	55	89 526	43 554,961	791 889,071	18,181	17,721
9	6	99 217	88 721,699	4 012 007,372	45,220	44,760	59	56	88 558	42 552,133	748 334,110	17,586	17,126
10	7	99 202	87 612,939	3 923 285,673	44,780	44,319	60	57	87 492	41 520,717	705 781,977	16,998	16,538
11	8	99 189	86 520,732	3 835 672,734	44,332	43,872	61	58	86 330	40 463,747	664 261,260	16,416	15,956
12	9	99 175	85 440,512	3 749 152,002	43,880	43,420	62	59	85 059	39 375,831	623 797,513	15,842	15,382
13	10	99 161	84 373,735	3 663 711,490	43,422	42,962	63	60	83 670	38 254,512	584 421,682	15,277	14,817
14	11	99 147	83 319,708	3 579 337,755	42,959	42,499	64	61	82 163	37 101,584	546 167,170	14,721	14,260
15	12	99 127	82 274,576	3 496 018,047	42,492	42,032	65	62	80 549	35 923,843	509 065,586	14,171	13,710
16	13	99 105	81 241,076	3 413 743,471	42,020	41,560	66	63	78 827	34 721,771	473 141,743	13,627	13,166
17	14	99 075	80 213,412	3 332 502,395	41,545	41,085	67	64	76 979	33 489,068	438 419,972	13,091	12,631
18	15	99 039	79 194,692	3 252 288,983	41,067	40,607	68	65	75 027	32 236,988	404 930,904	12,561	12,101
19	16	98 989	78 177,736	3 173 094,291	40,588	40,128	69	66	72 964	30 963,595	372 693,915	12,037	11,576
20	17	98 937	77 171,555	3 094 916,555	40,104	39,644	70	67	70 800	29 674,413	341 730,321	11,516	11,056
21	18	98 883	76 177,491	3 017 745,001	39,615	39,154	71	68	68 559	28 380,219	312 055,908	10,996	10,535
22	19	98 827	75 194,390	2 941 567,510	39,120	38,659	72	69	66 167	27 051,960	283 675,689	10,486	10,026
23	20	98 769	74 222,728	2 866 373,120	38,619	38,158	73	70	63 684	25 715,358	256 623,729	9,979	9,519
24	21	98 712	73 263,601	2 792 150,392	38,111	37,651	74	71	61 072	24 356,064	230 908,371	9,481	9,020
25	22	98 650	72 313,686	2 718 886,791	37,599	37,138	75	72	58 350	22 983,289	206 552,307	8,987	8,527
26	23	98 590	71 377,402	2 646 573,104	37,079	36,618	76	73	55 510	21 594,647	183 569,018	8,501	8,040
27	24	98 530	70 453,609	2 575 195,702	36,552	36,091	77	74	52 537	20 185,786	161 974,371	8,024	7,564
28	25	98 470	69 541,091	2 504 742,093	36,018	35,558	78	75	49 504	18 785,808	141 788,585	7,548	7,087
29	26	98 405	68 637,445	2 435 201,001	35,479	35,019	79	76	46 339	17 367,541	123 002,777	7,082	6,622
30	27	98 339	67 744,549	2 366 563,556	34,934	34,473	80	77	43 071	15 943,383	105 635,236	6,626	6,165
31	28	98 266	66 858,836	2 298 819,007	34,383	33,923	81	78	39 695	14 512,202	89 691,854	6,180	5,720
32	29	98 187	65 979,833	2 231 960,171	33,828	33,368	82	79	36 213	13 075,801	75 179,651	5,750	5,289
33	30	98 102	65 109,387	2 165 980,338	33,267	32,806	83	80	32 661	11 647,847	62 103,850	5,332	4,871
34	31	98 006	64 242,311	2 100 870,951	32,702	32,242	84	81	29 020	10 221,633	50 456,004	4,936	4,476
35	32	97 905	63 384,190	2 036 628,640	32,131	31,671	85	82	25 353	8 819,636	40 234,370	4,562	4,102
36	33	97 799	62 533,393	1 973 244,450	31,555	31,095	86	83	21 699	7 455,339	31 414,735	4,214	3,753
37	34	97 678	61 685,222	1 910 711,056	30,975	30,515	87	84	18 150	6 159,117	23 959,396	3,890	3,430
38	35	97 543	60 839,665	1 849 025,834	30,392	29,931	88	85	14 800	4 960,207	17 800,278	3,589	3,128
39	36	97 399	59 999,476	1 788 186,169	29,803	29,343	89	86	11 698	3 872,086	12 840,072	3,316	2,856
40	37	97 240	59 162,094	1 728 186,693	29,211	28,751	90	87	8 933	2 920,300	8 967,985	3,071	2,611
41	38	97 071	58 329,917	1 669 024,599	28,614	28,153	91	88	6 572	2 121,915	6 047,685	2,850	2,390
42	39	96 876	57 494,341	1 610 694,682	28,015	27,554	92	89	4 658	1 485,342	3 925,770	2,643	2,183
43	40	96 676	56 667,313	1 553 200,340	27,409	26,949	93	90	3 149	991,842	2 440,428	2,461	2,000
44	41	96 461	55 843,087	1 496 533,028	26,799	26,339	94	91	2 028	630,833	1 448,587	2,296	1,836
45	42	96 223	55 017,685	1 440 689,940	26,186	25,726	95	92	1 235	379,406	817,754	2,155	1,695
46	43	95 965	54 192,573	1 385 672,255	25,569	25,109	96	93	711	215,771	438,347	2,032	1,571
47	44	95 681	53 365,282	1 331 479,683	24,950	24,490	97	94	385	115,476	222,577	1,927	1,467
48	45	95 368	52 533,825	1 278 114,400	24,329	23,869	98	95	198	58,621	107,100	1,827	1,367
49	46	95 015	51 693,428	1 225 580,575	23,709	23,248	99	96	96	27,978	48,479	1,733	1,272
							100	97	43	12,333	20,501	1,662	1,202

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	50 905,299	1 184 610,028	23,271	22,810
1							51	47	94 320	50 055,935	1 133 704,729	22,649	22,188
2							52	48	93 860	49 197,066	1 083 648,795	22,027	21,566
3							53	49	93 343	48 322,111	1 034 451,729	21,407	20,947
4	0	99 612	94 783,477	4 484 613,675	47,314	46,854	54	50	92 765	47 430,101	986 129,618	20,791	20,331
5	1	99 313	93 331,943	4 389 830,198	47,035	46,574	55	51	92 131	46 523,987	938 699,516	20,177	19,716
6	2	99 282	92 150,819	4 296 498,255	46,625	46,164	56	52	91 416	45 593,440	892 175,530	19,568	19,108
7	3	99 260	90 993,001	4 204 347,436	46,205	45,745	57	53	90 637	44 646,707	846 582,089	18,962	18,501
8	4	99 240	89 851,938	4 113 354,435	45,779	45,319	58	54	89 773	43 675,255	801 935,383	18,361	17,901
9	5	99 224	88 727,728	4 023 502,497	45,347	44,886	59	55	88 835	42 684,984	758 260,128	17,764	17,304
10	6	99 209	87 619,336	3 934 774,769	44,908	44,447	60	56	87 789	41 661,599	715 575,143	17,176	16,716
11	7	99 194	86 524,854	3 847 155,433	44,463	44,003	61	57	86 656	40 616,314	673 913,544	16,592	16,132
12	8	99 183	85 446,670	3 760 630,580	44,011	43,551	62	58	85 416	39 540,858	633 297,230	16,016	15,556
13	9	99 167	84 378,220	3 675 183,910	43,556	43,096	63	59	84 060	38 432,626	593 756,372	15,449	14,989
14	10	99 152	83 324,340	3 590 805,690	43,094	42,634	64	60	82 586	37 292,777	555 323,746	14,891	14,431
15	11	99 134	82 280,904	3 507 481,350	42,628	42,168	65	61	81 001	36 125,648	518 030,969	14,340	13,879
16	12	99 111	81 246,211	3 425 200,446	42,158	41,698	66	62	79 312	34 935,644	481 935,321	13,794	13,334
17	13	99 082	80 219,752	3 343 954,235	41,685	41,225	67	63	77 503	33 717,001	446 969,677	13,257	12,796
18	14	99 048	79 201,999	3 263 734,483	41,208	40,747	68	64	75 587	32 477,608	413 252,676	12,724	12,264
19	15	99 001	78 186,788	3 184 532,485	40,730	40,269	69	65	73 553	31 213,732	380 775,068	12,199	11,739
20	16	98 949	77 181,421	3 106 345,697	40,247	39,787	70	66	71 426	29 936,590	349 561,336	11,677	11,216
21	17	98 896	76 187,369	3 029 164,276	39,759	39,299	71	67	69 206	28 648,308	319 624,746	11,157	10,696
22	18	98 843	75 206,598	2 952 976,907	39,265	38,804	72	68	66 849	27 330,843	290 976,437	10,646	10,186
23	19	98 786	74 234,930	2 877 770,309	38,766	38,305	73	69	64 428	26 015,743	263 645,594	10,134	9,674
24	20	98 728	73 275,595	2 803 535,379	38,260	37,800	74	70	61 848	24 665,662	237 629,851	9,634	9,174
25	21	98 667	72 325,967	2 730 259,784	37,749	37,289	75	71	59 167	23 305,239	212 964,189	9,138	8,678
26	22	98 606	71 389,380	2 657 933,817	37,232	36,771	76	72	56 352	21 922,340	189 658,950	8,651	8,191
27	23	98 546	70 465,134	2 586 544,438	36,707	36,246	77	73	53 431	20 529,367	167 736,611	8,171	7,710
28	24	98 486	69 552,517	2 516 079,303	36,175	35,715	78	74	50 422	19 133,894	147 207,244	7,694	7,233
29	25	98 424	68 650,792	2 446 526,786	35,637	35,177	79	75	47 290	17 724,150	128 073,350	7,226	6,766
30	26	98 356	67 756,626	2 377 875,994	35,094	34,634	80	76	44 046	16 304,508	110 349,200	6,768	6,308
31	27	98 287	66 872,862	2 310 119,368	34,545	34,085	81	77	40 668	14 868,122	94 044,692	6,325	5,865
32	28	98 210	65 995,539	2 243 246,506	33,991	33,530	82	78	37 226	13 441,511	79 176,570	5,890	5,430
33	29	98 127	65 125,458	2 177 250,966	33,432	32,971	83	79	33 700	12 018,105	65 735,059	5,470	5,009
34	30	98 034	64 260,483	2 112 125,509	32,868	32,408	84	80	30 081	10 595,237	53 716,954	5,070	4,610
35	31	97 937	63 404,607	2 047 865,026	32,298	31,838	85	81	26 421	9 191,097	43 121,716	4,692	4,231
36	32	97 832	62 554,406	1 984 460,419	31,724	31,263	86	82	22 769	7 823,040	33 930,620	4,337	3,877
37	33	97 712	61 706,834	1 921 906,013	31,146	30,685	87	83	19 211	6 518,936	26 107,580	4,005	3,544
38	34	97 581	60 862,902	1 860 199,180	30,564	30,103	88	84	15 808	5 298,166	19 588,644	3,697	3,237
39	35	97 444	60 027,505	1 799 336,278	29,975	29,515	89	85	12 628	4 180,136	14 290,478	3,419	2,958
40	36	97 286	59 190,320	1 739 308,773	29,385	28,925	90	86	9 765	3 192,557	10 110,342	3,167	2,706
41	37	97 120	58 359,385	1 680 118,453	28,789	28,329	91	87	7 295	2 355,314	6 917,785	2,937	2,477
42	38	96 930	57 526,217	1 621 759,068	28,192	27,731	92	88	5 253	1 675,142	4 562,471	2,724	2,263
43	39	96 739	56 704,207	1 564 232,851	27,586	27,125	93	89	3 615	1 138,486	2 887,329	2,536	2,076
44	40	96 522	55 878,466	1 507 528,644	26,979	26,518	94	90	2 378	739,648	1 748,843	2,364	1,904
45	41	96 294	55 058,039	1 451 650,178	26,366	25,905	95	91	1 481	454,885	1 009,195	2,219	1,758
46	42	96 042	54 236,333	1 396 592,139	25,750	25,290	96	92	876	265,710	554,311	2,086	1,626
47	43	95 767	53 413,124	1 342 355,806	25,132	24,671	97	93	487	146,072	288,601	1,976	1,515
48	44	95 458	52 583,561	1 288 942,681	24,512	24,052	98	94	257	76,078	142,529	1,873	1,413
49	45	95 117	51 749,092	1 236 359,120	23,891	23,431	99	95	128	37,516	66,451	1,771	1,311
							100	96	59	17,112	28,934	1,691	1,230

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	50 960,114	1 194 496,928	23,440	22,979
1							51	46	94 431	50 115,281	1 143 536,814	22,818	22,358
2							52	47	93 982	49 261,074	1 093 421,533	22,196	21,736
3							53	48	93 485	48 395,532	1 044 160,459	21,576	21,115
4							54	49	92 922	47 510,111	995 764,927	20,959	20,499
5	0	99 601	93 602,629	4 400 744,240	47,015	46,555	55	50	92 301	46 609,931	948 254,815	20,344	19,884
6	1	99 304	92 171,319	4 307 141,610	46,730	46,269	56	51	91 607	45 688,312	901 644,884	19,735	19,274
7	2	99 273	91 004,959	4 214 970,291	46,316	45,855	57	52	90 837	44 745,344	855 956,572	19,130	18,669
8	3	99 250	89 860,897	4 123 965,332	44,893	45,432	58	53	89 996	43 783,777	811 211,228	18,528	18,067
9	4	99 233	88 735,896	4 034 104,435	45,462	45,002	59	54	89 080	42 802,875	767 427,451	17,929	17,469
10	5	99 216	87 625,290	3 945 368,538	45,025	44,565	60	55	88 063	41 791,671	724 624,576	17,339	16,879
11	6	99 201	86 531,172	3 857 743,249	44,582	44,122	61	56	86 950	40 754,128	682 832,905	16,755	16,295
12	7	99 187	85 450,739	3 771 212,077	44,133	43,673	62	57	85 738	39 689,945	642 078,778	16,177	15,717
13	8	99 174	84 384,301	3 685 761,338	43,678	43,218	63	58	84 412	38 593,700	602 388,833	15,608	15,148
14	9	99 157	83 328,769	3 601 377,036	43,219	42,759	64	59	82 971	37 466,414	563 795,133	15,048	14,588
15	10	99 140	82 285,478	3 518 048,267	42,754	42,294	65	60	81 419	36 311,811	526 328,719	14,495	14,034
16	11	99 119	81 252,460	3 435 762,789	42,285	41,825	66	61	79 758	35 131,897	490 016,908	13,948	13,488
17	12	99 089	80 224,822	3 354 510,329	41,814	41,353	67	62	77 980	33 924,685	454 885,011	13,409	12,948
18	13	99 056	79 208,259	3 274 285,507	41,338	40,877	68	63	76 101	32 698,657	420 960,325	12,874	12,414
19	14	99 010	78 194,001	3 195 077,248	40,861	40,401	69	64	74 102	31 446,714	388 261,668	12,347	11,886
20	15	98 961	77 190,358	3 116 883,247	40,379	39,919	70	65	72 003	30 178,431	356 814,954	11,824	11,363
21	16	98 909	76 197,110	3 039 692,889	39,892	39,432	71	66	69 818	28 901,420	326 636,523	11,302	10,841
22	17	98 856	75 216,350	2 963 495,779	39,400	38,939	72	67	67 481	27 589,019	297 735,103	10,792	10,331
23	18	98 802	74 246,982	2 888 279,429	38,901	38,441	73	68	65 092	26 283,944	270 146,084	10,278	9,818
24	19	98 744	73 287,641	2 814 032,448	38,397	37,937	74	69	62 570	24 953,785	243 862,139	9,773	9,312
25	20	98 683	72 337,808	2 740 744,807	37,888	37,428	75	70	59 919	23 601,479	218 908,354	9,275	8,815
26	21	98 623	71 401,503	2 668 406,999	37,372	36,911	76	71	57 141	22 229,428	195 306,875	8,786	8,326
27	22	98 563	70 476,959	2 597 005,496	36,849	36,389	77	72	54 242	20 840,894	173 077,447	8,305	7,844
28	23	98 502	69 563,895	2 526 528,537	36,320	35,859	78	73	51 280	19 459,570	152 236,553	7,823	7,363
29	24	98 440	68 662,071	2 456 964,642	35,783	35,323	79	74	48 167	18 052,565	132 776,983	7,355	6,895
30	25	98 376	67 769,802	2 388 302,571	35,241	34,781	80	75	44 951	16 639,290	114 724,418	6,895	6,434
31	26	98 304	66 884,784	2 320 532,770	34,694	34,234	81	76	41 589	15 204,893	98 085,128	6,451	5,991
32	27	98 231	66 009,384	2 253 647,986	34,141	33,681	82	77	38 138	13 771,171	82 880,235	6,018	5,558
33	28	98 150	65 140,961	2 187 638,601	33,583	33,123	83	78	34 642	12 354,233	69 109,064	5,594	5,134
34	29	98 058	64 276,344	2 122 497,640	33,021	32,561	84	79	31 037	10 932,036	56 754,831	5,192	4,731
35	30	97 965	63 422,542	2 058 221,296	32,453	31,992	85	80	27 386	9 527,034	45 822,795	4,810	4,349
36	31	97 863	62 574,555	1 994 798,755	31,879	31,418	86	81	23 728	8 152,526	36 295,761	4,452	3,992
37	32	97 745	61 727,568	1 932 224,200	31,302	30,842	87	82	20 158	6 840,453	28 143,235	4,114	3,654
38	33	97 615	60 884,225	1 870 496,631	30,722	30,262	88	83	16 732	5 607,687	21 302,782	3,799	3,338
39	34	97 482	60 050,432	1 809 612,406	30,135	29,674	89	84	13 489	4 464,946	15 695,095	3,515	3,055
40	35	97 332	59 217,971	1 749 561,974	29,544	29,084	90	85	10 542	3 446,546	11 230,149	3,258	2,798
41	36	97 166	58 387,227	1 690 344,004	28,951	28,490	91	86	7 975	2 574,898	7 783,603	3,023	2,562
42	37	96 979	57 555,278	1 631 956,776	28,355	27,894	92	87	5 831	1 859,399	5 208,705	2,801	2,341
43	38	96 793	56 735,645	1 574 401,498	27,750	27,289	93	88	4 077	1 283,964	3 349,306	2,609	2,148
44	39	96 585	55 914,846	1 517 665,853	27,142	26,682	94	89	2 729	849,005	2 065,342	2,433	1,972
45	40	96 355	55 092,920	1 461 751,006	26,532	26,072	95	90	1 736	533,349	1 216,337	2,281	1,820
46	41	96 113	54 276,115	1 406 658,086	25,917	25,456	96	91	1 050	318,569	682,988	2,144	1,684
47	42	95 844	53 456,256	1 352 381,972	25,299	24,838	97	92	600	179,880	364,419	2,026	1,566
48	43	95 543	52 630,702	1 298 925,716	24,680	24,220	98	93	325	96,235	184,539	1,918	1,457
49	44	95 207	51 798,085	1 246 295,014	24,061	23,600	99	94	167	48,688	88,303	1,814	1,353
							100	95	79	22,947	39,615	1,726	1,266

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	51 008,361	1 203 596,705	23,596	23,136
1							51	45	94 533	50 169,246	1 152 588,344	22,974	22,514
2							52	46	94 094	49 319,478	1 102 419,098	22,353	21,892
3							53	47	93 607	48 458,498	1 053 099,620	21,732	21,272
4							54	48	93 063	47 582,299	1 004 641,122	21,114	20,653
5							55	49	92 456	46 688,557	957 058,824	20,499	20,038
6	0	99 592	92 438,640	4 317 206,635	46,703	46,243	56	50	91 776	45 772,713	910 370,266	19,889	19,429
7	1	99 295	91 025,205	4 224 767,995	46,413	45,953	57	51	91 026	44 838,452	864 597,554	19,283	18,822
8	2	99 263	89 872,707	4 133 742,790	45,996	45,535	58	52	90 195	43 880,508	819 759,102	18,682	18,221
9	3	99 243	88 744,744	4 043 870,084	45,567	45,107	59	53	89 301	42 909,229	775 878,594	18,082	17,621
10	4	99 225	87 633,357	3 955 125,340	45,133	44,672	60	54	88 306	41 907,095	732 969,365	17,490	17,030
11	5	99 208	86 537,051	3 867 491,983	44,692	44,231	61	55	87 221	40 881,366	691 062,271	16,904	16,444
12	6	99 195	85 456,979	3 780 954,932	44,244	43,784	62	56	86 029	39 824,615	650 180,905	16,326	15,866
13	7	99 179	84 388,321	3 695 497,953	43,792	43,331	63	57	84 730	38 739,216	610 356,290	15,756	15,295
14	8	99 165	83 334,775	3 611 109,632	43,333	42,872	64	58	83 318	37 623,438	571 617,074	15,193	14,733
15	9	99 145	82 289,852	3 527 774,857	42,870	42,410	65	59	81 798	36 480,881	533 993,636	14,638	14,177
16	10	99 125	81 256,977	3 445 485,005	42,402	41,942	66	60	80 169	35 312,940	497 512,755	14,089	13,628
17	11	99 096	80 230,992	3 364 228,028	41,932	41,471	67	61	78 418	34 115,260	462 199,815	13,548	13,088
18	12	99 062	79 213,265	3 283 997,036	41,458	40,997	68	62	76 570	32 900,069	428 084,556	13,012	12,551
19	13	99 018	78 200,182	3 204 783,771	40,982	40,521	69	63	74 607	31 660,747	395 184,487	12,482	12,021
20	14	98 970	77 197,479	3 126 583,589	40,501	40,041	70	64	72 540	30 403,685	363 523,740	11,957	11,496
21	15	98 920	76 205,932	3 049 386,109	40,015	39,555	71	65	70 382	29 134,898	333 120,055	11,434	10,973
22	16	98 869	75 225,967	2 973 180,177	39,523	39,063	72	66	68 077	27 832,772	303 985,157	10,922	10,461
23	17	98 815	74 256,609	2 897 954,210	39,026	38,566	73	67	65 707	26 532,231	276 152,385	10,408	9,948
24	18	98 760	73 299,539	2 823 697,601	38,523	38,062	74	68	63 215	25 211,038	249 620,154	9,901	9,441
25	19	98 699	72 349,699	2 750 398,062	38,015	37,555	75	69	60 619	23 877,172	224 409,116	9,398	8,938
26	20	98 639	71 413,192	2 678 048,362	37,501	37,040	76	70	57 868	22 511,993	200 531,944	8,908	8,447
27	21	98 580	70 488,928	2 606 635,170	36,979	36,519	77	71	55 002	21 132,834	178 019,950	8,424	7,963
28	22	98 518	69 575,568	2 536 146,242	36,452	35,991	78	72	52 058	19 754,664	156 887,117	7,942	7,481
29	23	98 456	68 673,303	2 466 570,675	35,917	35,457	79	73	48 986	18 359,836	137 132,253	7,469	7,009
30	24	98 392	67 780,936	2 397 897,371	35,377	34,917	80	74	45 784	16 947,603	118 772,417	7,008	6,548
31	25	98 324	66 897,790	2 330 116,435	34,831	34,371	81	75	42 443	15 517,096	101 824,814	6,562	6,102
32	26	98 248	66 021,152	2 263 218,645	34,280	33,820	82	76	39 002	14 083,095	86 307,718	6,128	5,668
33	27	98 171	65 154,627	2 197 197,493	33,723	33,262	83	77	35 492	12 657,227	72 224,623	5,706	5,246
34	28	98 081	64 291,645	2 132 042,867	33,162	32,702	84	78	31 905	11 237,788	59 567,396	5,301	4,840
35	29	97 989	63 438,196	2 067 751,222	32,595	32,134	85	79	28 257	9 829,877	48 329,608	4,917	4,456
36	30	97 891	62 592,255	2 004 313,026	32,022	31,561	86	80	24 595	8 450,504	38 499,731	4,556	4,096
37	31	97 777	61 747,451	1 941 720,771	31,446	30,986	87	81	21 007	7 128,555	30 049,227	4,215	3,755
38	32	97 648	60 904,683	1 879 973,319	30,867	30,407	88	82	17 557	5 884,261	22 920,672	3,895	3,435
39	33	97 516	60 071,471	1 819 068,636	30,282	29,821	89	83	14 277	4 725,790	17 036,411	3,605	3,145
40	34	97 369	59 240,588	1 758 997,165	29,692	29,232	90	84	11 261	3 681,373	12 310,621	3,344	2,884
41	35	97 211	58 414,503	1 699 756,577	29,098	28,638	91	85	8 609	2 779,748	8 629,248	3,104	2,644
42	36	97 025	57 582,737	1 641 342,074	28,504	28,044	92	86	6 374	2 032,749	5 849,500	2,878	2,417
43	37	96 842	56 764,307	1 583 759,336	27,901	27,440	93	87	4 525	1 425,193	3 816,751	2,678	2,218
44	38	96 638	55 945,846	1 526 995,029	27,294	26,834	94	88	3 078	957,493	2 391,558	2,498	2,037
45	39	96 417	55 128,790	1 471 049,183	26,684	26,223	95	89	1 993	612,205	1 434,065	2,342	1,882
46	40	96 173	54 310,500	1 415 920,393	26,071	25,610	96	90	1 231	373,520	821,860	2,200	1,740
47	41	95 914	53 495,465	1 361 609,893	25,453	24,992	97	91	720	215,665	448,340	2,079	1,618
48	42	95 621	52 673,202	1 308 114,429	24,835	24,374	98	92	400	118,509	232,675	1,963	1,503
49	43	95 293	51 844,522	1 255 441,227	24,216	23,755	99	93	211	61,588	114,166	1,854	1,393
							100	94	103	29,780	52,578	1,766	1,305

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	51 054,090	1 211 962,644	23,739	23,278
1							51	44	94 623	50 216,743	1 160 908,555	23,118	22,658
2							52	45	94 195	49 372,586	1 110 691,811	22,496	22,036
3							53	46	93 718	48 515,950	1 061 319,225	21,876	21,415
4							54	47	93 184	47 644,206	1 012 803,275	21,258	20,797
5							55	48	92 597	46 759,497	965 159,069	20,641	20,181
6							56	49	91 931	45 849,927	918 399,572	20,031	19,570
7	0	99 583	91 289,201	4 234 040,646	46,381	45,920	57	50	91 195	44 921,282	872 549,646	19,424	18,964
8	1	99 285	89 892,700	4 142 751,445	46,086	45,625	58	51	90 383	43 971,815	827 628,364	18,822	18,361
9	2	99 256	88 756,407	4 052 858,745	45,663	45,202	59	52	89 499	43 004,028	783 656,548	18,223	17,762
10	3	99 235	87 642,094	3 964 102,338	45,231	44,770	60	53	88 525	42 011,223	740 652,520	17,630	17,169
11	4	99 217	86 545,018	3 876 460,244	44,791	44,331	61	54	87 462	40 994,275	698 641,297	17,042	16,582
12	5	99 201	85 462,786	3 789 915,226	44,346	43,885	62	55	86 297	39 948,927	657 647,022	16,462	16,002
13	6	99 186	84 394,483	3 704 452,440	43,894	43,434	63	56	85 018	38 870,660	617 698,071	15,891	15,431
14	7	99 169	83 338,744	3 620 057,957	43,438	42,977	64	57	83 632	37 765,296	578 827,410	15,327	14,867
15	8	99 152	82 295,783	3 536 719,213	42,976	42,515	65	58	82 141	36 633,775	541 062,115	14,769	14,309
16	9	99 130	81 261,296	3 454 423,430	42,510	42,050	66	59	80 542	35 477,358	504 428,340	14,218	13,758
17	10	99 102	80 235,453	3 373 162,134	42,041	41,580	67	60	78 822	34 291,063	468 950,982	13,676	13,215
18	11	99 070	79 219,358	3 292 926,681	41,567	41,107	68	61	77 000	33 084,887	434 659,919	13,138	12,677
19	12	99 024	78 205,124	3 213 707,324	41,093	40,633	69	62	75 066	31 855,765	401 575,032	12,606	12,146
20	13	98 978	77 203,582	3 135 502,199	40,613	40,153	70	63	73 034	30 610,619	369 719,267	12,078	11,618
21	14	98 929	76 212,963	3 058 298,618	40,128	39,668	71	64	70 907	29 352,364	339 108,648	11,553	11,093
22	15	98 880	75 234,677	2 982 085,655	39,637	39,177	72	65	68 627	28 057,617	309 756,284	11,040	10,580
23	16	98 827	74 266,103	2 906 850,978	39,141	38,681	73	66	66 287	26 766,647	281 698,667	10,524	10,064
24	17	98 773	73 309,044	2 832 584,875	38,639	38,179	74	67	63 813	25 449,190	254 932,020	10,017	9,557
25	18	98 715	72 361,445	2 759 275,831	38,132	37,671	75	68	61 244	24 123,326	229 482,830	9,513	9,053
26	19	98 655	71 424,932	2 686 914,386	37,619	37,158	76	69	58 544	22 774,960	205 359,504	9,017	8,557
27	20	98 596	70 500,467	2 615 489,453	37,099	36,639	77	70	55 701	21 401,460	182 584,545	8,531	8,071
28	21	98 535	69 587,384	2 544 988,986	36,573	36,112	78	71	52 787	20 031,590	161 183,085	8,046	7,586
29	22	98 473	68 684,827	2 475 401,603	36,040	35,580	79	72	49 730	18 638,441	141 151,495	7,573	7,113
30	23	98 408	67 792,024	2 406 716,776	35,501	35,041	80	73	46 563	17 236,067	122 513,054	7,108	6,648
31	24	98 340	66 908,781	2 338 924,752	34,957	34,497	81	74	43 230	15 804,616	105 276,987	6,661	6,201
32	25	98 267	66 033,990	2 272 015,971	34,407	33,946	82	75	39 803	14 372,265	89 472,371	6,225	5,765
33	26	98 188	65 166,242	2 205 981,981	33,852	33,391	83	76	36 296	12 943,919	75 100,106	5,802	5,342
34	27	98 102	64 305,133	2 140 815,739	33,292	32,831	84	77	32 688	11 513,401	62 156,187	5,399	4,938
35	28	98 012	63 453,297	2 076 510,606	32,725	32,265	85	78	29 047	10 104,803	50 642,786	5,012	4,551
36	29	97 915	62 607,705	2 013 057,309	32,154	31,693	86	79	25 377	8 719,126	40 537,983	4,649	4,189
37	30	97 804	61 764,918	1 950 449,605	31,579	31,118	87	80	21 775	7 389,106	31 818,857	4,306	3,846
38	31	97 679	60 924,301	1 888 684,687	31,001	30,540	88	81	18 297	6 132,091	24 429,751	3,984	3,524
39	32	97 548	60 091,656	1 827 760,386	30,416	29,956	89	82	14 981	4 958,868	18 297,659	3,690	3,229
40	33	97 403	59 261,343	1 767 668,730	29,828	29,368	90	83	11 918	3 896,440	13 338,791	3,423	2,963
41	34	97 248	58 436,814	1 708 407,386	29,235	28,775	91	84	9 196	2 969,144	9 442,350	3,180	2,720
42	35	97 070	57 609,637	1 649 970,572	28,641	28,180	92	85	6 881	2 194,467	6 473,207	2,950	2,489
43	36	96 888	56 791,388	1 592 360,935	28,039	27,578	93	86	4 947	1 558,063	4 278,740	2,746	2,286
44	37	96 687	55 974,110	1 535 569,547	27,434	26,973	94	87	3 417	1 062,812	2 720,677	2,560	2,099
45	38	96 471	55 159,354	1 479 595,437	26,824	26,364	95	88	2 247	690,434	1 657,865	2,401	1,941
46	39	96 236	54 345,860	1 424 436,083	26,211	25,750	96	89	1 413	428,745	967,431	2,256	1,796
47	40	95 975	53 529,355	1 370 090,223	25,595	25,135	97	90	844	252,866	538,686	2,130	1,670
48	41	95 691	52 711,837	1 316 560,868	24,977	24,516	98	91	480	142,084	285,820	2,012	1,551
49	42	95 370	51 886,387	1 263 849,031	24,358	23,898	99	92	259	75,842	143,735	1,895	1,435
							100	93	130	37,670	67,893	1,802	1,342

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	51 095,316	1 219 645,359	23,870	23,410
1							51	43	94 707	50 261,763	1 168 550,043	23,249	22,789
2							52	44	94 284	49 419,330	1 118 288,281	22,629	22,168
3							53	45	93 819	48 568,193	1 068 868,951	22,008	21,547
4							54	46	93 295	47 700,693	1 020 300,758	21,390	20,929
5							55	47	92 717	46 820,333	972 600,065	20,773	20,313
6							56	48	92 070	45 919,592	925 779,732	20,161	19,700
7							57	49	91 348	44 997,060	879 860,140	19,554	19,093
8	0	99 573	90 153,412	4 151 287,634	46,047	45,587	58	50	90 550	44 053,045	834 863,080	18,951	18,491
9	1	99 278	88 776,152	4 061 134,222	45,746	45,285	59	51	89 685	43 093,512	790 810,035	18,351	17,891
10	2	99 248	87 653,612	3 972 358,070	45,319	44,858	60	52	88 721	42 104,038	747 716,523	17,759	17,298
11	3	99 227	86 553,647	3 884 704,458	44,882	44,422	61	53	87 679	41 096,135	705 612,485	17,170	16,709
12	4	99 210	85 470,654	3 798 150,810	44,438	43,978	62	54	86 536	40 059,286	664 516,350	16,588	16,128
13	5	99 193	84 400,217	3 712 680,157	43,989	43,529	63	55	85 283	38 992,018	624 457,064	16,015	15,555
14	6	99 177	83 344,830	3 628 279,940	43,533	43,073	64	56	83 916	37 893,436	585 465,046	15,450	14,990
15	7	99 157	82 299,703	3 544 935,110	43,073	42,613	65	57	82 450	36 771,900	547 571,611	14,891	14,431
16	8	99 137	81 267,153	3 462 635,407	42,608	42,148	66	58	80 880	35 626,046	510 799,710	14,338	13,877
17	9	99 107	80 239,717	3 381 368,254	42,141	41,680	67	59	79 189	34 450,724	475 173,664	13,793	13,332
18	10	99 075	79 223,762	3 301 128,537	41,668	41,208	68	60	77 397	33 255,381	440 722,940	13,253	12,792
19	11	99 032	78 211,139	3 221 904,775	41,195	40,735	69	61	75 488	32 034,717	407 467,559	12,720	12,259
20	12	98 984	77 208,461	3 143 693,636	40,717	40,257	70	62	73 484	30 799,169	375 432,842	12,190	11,729
21	13	98 937	76 218,987	3 066 485,175	40,233	39,772	71	63	71 390	29 552,142	344 633,673	11,662	11,201
22	14	98 889	75 241,618	2 990 266,188	39,742	39,282	72	64	69 139	28 267,042	315 081,532	11,147	10,686
23	15	98 839	74 274,702	2 915 024,570	39,247	38,786	73	65	66 823	26 982,879	286 814,490	10,629	10,169
24	16	98 786	73 318,417	2 840 749,867	38,745	38,285	74	66	64 376	25 674,037	259 831,610	10,120	9,660
25	17	98 728	72 370,828	2 767 431,451	38,240	37,779	75	67	61 823	24 351,203	234 157,573	9,616	9,155
26	18	98 671	71 436,528	2 695 060,622	37,727	37,266	76	68	59 147	23 009,751	209 806,371	9,118	8,658
27	19	98 612	70 512,057	2 623 624,094	37,208	36,748	77	69	56 351	21 651,454	186 796,620	8,627	8,167
28	20	98 551	69 598,776	2 553 112,037	36,683	36,223	78	70	53 458	20 286,218	165 145,166	8,141	7,680
29	21	98 490	68 696,491	2 483 513,262	36,152	35,692	79	71	50 426	18 899,529	144 858,949	7,665	7,204
30	22	98 424	67 803,400	2 414 816,770	35,615	35,155	80	72	47 270	17 497,619	125 959,420	7,199	6,738
31	23	98 356	66 919,726	2 347 013,370	35,072	34,612	81	73	43 965	16 073,625	108 461,800	6,748	6,287
32	24	98 283	66 044,839	2 280 093,644	34,523	34,063	82	74	40 541	14 638,572	92 388,176	6,311	5,851
33	25	98 207	65 178,914	2 214 048,805	33,969	33,508	83	75	37 041	13 209,698	77 749,604	5,886	5,425
34	26	98 119	64 316,596	2 148 869,891	33,411	32,950	84	76	33 428	11 774,185	64 539,906	5,481	5,021
35	27	98 033	63 466,609	2 084 553,295	32,845	32,384	85	77	29 760	10 352,629	52 765,721	5,097	4,636
36	28	97 938	62 622,608	2 021 086,686	32,274	31,814	86	78	26 087	8 962,986	42 413,092	4,732	4,272
37	29	97 828	61 780,163	1 958 464,078	31,701	31,240	87	79	22 467	7 623,989	33 450,106	4,387	3,927
38	30	97 707	60 941,535	1 896 683,915	31,123	30,663	88	80	18 965	6 356,221	25 826,116	4,063	3,603
39	31	97 580	60 111,012	1 835 742,380	30,539	30,079	89	81	15 612	5 167,723	19 469,895	3,768	3,307
40	32	97 436	59 281,256	1 775 631,368	29,953	29,492	90	82	12 506	4 088,615	14 302,172	3,498	3,038
41	33	97 283	58 457,287	1 716 350,112	29,361	28,900	91	83	9 733	3 142,602	10 213,557	3,250	2,790
42	34	97 107	57 631,641	1 657 892,825	28,767	28,307	92	84	7 350	2 343,985	7 070,955	3,017	2,556
43	35	96 933	56 817,919	1 600 261,184	28,165	27,704	93	85	5 340	1 682,017	4 726,970	2,810	2,350
44	36	96 733	56 000,814	1 543 443,265	27,561	27,101	94	86	3 735	1 161,897	3 044,953	2,621	2,160
45	37	96 519	55 187,220	1 487 442,451	26,953	26,492	95	87	2 494	766,378	1 883,056	2,457	1,997
46	38	96 289	54 375,990	1 432 255,231	26,340	25,879	96	88	1 593	483,532	1 116,678	2,309	1,849
47	39	96 038	53 564,207	1 377 879,241	25,724	25,263	97	89	968	290,252	633,146	2,181	1,721
48	40	95 751	52 745,231	1 324 315,035	25,108	24,647	98	90	563	166,593	342,894	2,058	1,598
49	41	95 440	51 924,444	1 271 569,804	24,489	24,028	99	91	311	90,930	176,301	1,939	1,478
							100	92	161	46,389	85,371	1,840	1,380

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	51 132,793	1 226 694,726	23,990	23,530
1							51	42	94 784	50 302,349	1 175 561,933	23,370	22,910
2							52	43	94 369	49 463,634	1 125 259,584	22,749	22,289
3							53	44	93 907	48 614,175	1 075 795,950	22,129	21,669
4							54	45	93 395	47 752,058	1 027 181,775	21,511	21,050
5							55	46	92 827	46 875,843	979 429,717	20,894	20,434
6							56	47	92 190	45 979,336	932 553,874	20,282	19,822
7							57	48	91 487	45 065,429	886 574,538	19,673	19,213
8							58	49	90 703	44 127,358	841 509,109	19,070	18,610
9	0	99 566	89 033,626	4 068 988,302	45,702	45,241	59	50	89 850	43 173,119	797 381,751	18,469	18,009
10	1	99 270	87 673,112	3 979 954,676	45,395	44,935	60	51	88 905	42 191,649	754 208,632	17,876	17,415
11	2	99 240	86 565,022	3 892 281,564	44,964	44,503	61	52	87 873	41 186,929	712 016,983	17,287	16,827
12	3	99 220	85 479,176	3 805 716,542	44,522	44,062	62	53	86 751	40 158,822	670 830,054	16,704	16,244
13	4	99 202	84 407,987	3 720 237,366	44,074	43,614	63	54	85 519	39 099,709	630 671,231	16,130	15,669
14	5	99 183	83 350,493	3 635 829,379	43,621	43,161	64	55	84 178	38 011,743	591 571,522	15,563	15,102
15	6	99 164	82 305,712	3 552 478,886	43,162	42,702	65	56	82 730	36 896,670	553 559,779	15,003	14,543
16	7	99 142	81 271,024	3 470 173,174	42,699	42,238	66	57	81 185	35 760,373	516 663,110	14,448	13,988
17	8	99 114	80 245,501	3 388 902,150	42,232	41,771	67	58	79 521	34 595,109	480 902,737	13,901	13,440
18	9	99 081	79 227,973	3 308 656,650	41,761	41,301	68	59	77 757	33 410,219	446 307,628	13,358	12,898
19	10	99 037	78 215,487	3 229 428,677	41,289	40,828	69	60	75 877	32 199,799	412 897,409	12,823	12,363
20	11	98 992	77 214,399	3 151 213,189	40,811	40,351	70	61	73 897	30 972,185	380 697,610	12,292	11,831
21	12	98 943	76 223,804	3 073 998,790	40,329	39,868	71	62	71 830	29 734,172	349 725,424	11,762	11,301
22	13	98 897	75 247,565	2 997 774,986	39,839	39,378	72	63	69 610	28 459,433	319 991,252	11,244	10,783
23	14	98 848	74 281,555	2 922 527,421	39,344	38,884	73	64	67 322	27 184,282	291 531,819	10,724	10,264
24	15	98 797	73 326,906	2 848 245,866	38,843	38,383	74	65	64 896	25 881,443	264 347,537	10,214	9,753
25	16	98 740	72 380,081	2 774 918,960	38,338	37,878	75	66	62 369	24 566,349	238 466,094	9,707	9,247
26	17	98 684	71 445,791	2 702 538,878	37,826	37,366	76	67	59 706	23 227,108	213 899,745	9,209	8,749
27	18	98 628	70 523,505	2 631 093,087	37,308	36,848	77	68	56 932	21 874,662	190 672,637	8,717	8,256
28	19	98 568	69 610,217	2 560 569,583	36,784	36,324	78	69	54 083	20 523,184	168 797,975	8,225	7,764
29	20	98 506	68 707,738	2 490 959,365	36,254	35,794	79	70	51 067	19 139,767	148 274,790	7,747	7,287
30	21	98 441	67 814,915	2 422 251,628	35,719	35,258	80	71	47 932	17 742,726	129 135,024	7,278	6,818
31	22	98 372	66 930,956	2 354 436,713	35,177	34,717	81	72	44 633	16 317,537	111 392,298	6,827	6,366
32	23	98 299	66 055,643	2 287 505,757	34,630	34,170	82	73	41 231	14 887,733	95 074,760	6,386	5,926
33	24	98 223	65 189,622	2 221 450,114	34,077	33,616	83	74	37 727	13 454,464	80 187,027	5,960	5,499
34	25	98 138	64 329,103	2 156 260,492	33,519	33,059	84	75	34 115	12 015,945	66 732,563	5,554	5,093
35	26	98 050	63 477,923	2 091 931,389	32,955	32,495	85	76	30 434	10 587,121	54 716,618	5,168	4,708
36	27	97 959	62 635,746	2 028 453,466	32,385	31,925	86	77	26 727	9 182,809	44 129,497	4,806	4,345
37	28	97 852	61 794,869	1 965 817,720	31,812	31,352	87	78	23 096	7 837,220	34 946,688	4,459	3,999
38	29	97 731	60 956,577	1 904 022,851	31,236	30,775	88	79	19 568	6 558,271	27 109,468	4,134	3,673
39	30	97 607	60 128,015	1 843 066,274	30,652	30,192	89	80	16 183	5 356,605	20 551,197	3,837	3,376
40	31	97 467	59 300,351	1 782 938,259	30,066	29,606	90	81	13 033	4 260,817	15 194,591	3,566	3,106
41	32	97 315	58 476,930	1 723 637,907	29,476	29,015	91	82	10 213	3 297,597	10 933,774	3,316	2,855
42	33	97 141	57 651,832	1 665 160,977	28,883	28,423	92	83	7 780	2 480,922	7 636,178	3,078	2,618
43	34	96 970	56 839,620	1 607 509,145	28,281	27,821	93	84	5 704	1 796,619	5 155,256	2,869	2,409
44	35	96 778	56 026,975	1 550 669,525	27,677	27,217	94	85	4 032	1 254,333	3 358,636	2,678	2,217
45	36	96 566	55 213,549	1 494 642,550	27,070	26,610	95	86	2 727	837,827	2 104,303	2,512	2,051
46	37	96 338	54 403,460	1 439 429,002	26,458	25,998	96	87	1 769	536,717	1 266,476	2,360	1,899
47	38	96 091	53 593,904	1 385 025,542	25,843	25,383	97	88	1 092	327,341	729,759	2,229	1,769
48	39	95 814	52 779,572	1 331 431,638	25,226	24,766	98	89	646	191,224	402,418	2,104	1,644
49	40	95 500	51 957,340	1 278 652,066	24,610	24,149	99	90	365	106,615	211,194	1,981	1,521
							100	91	193	55,617	104,578	1,880	1,420

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	40	95 220	51 165,187	1 233 157,084	24,101	23,641
0							51	41	94 853	50 339,245	1 181 991,896	23,481	23,020
1							52	42	94 445	49 503,576	1 131 652,651	22,860	22,400
2							53	43	93 992	48 657,757	1 082 149,075	22,240	21,780
3							54	44	93 483	47 797,267	1 033 491,318	21,622	21,162
4							55	45	92 927	46 926,320	985 694,051	21,005	20,545
5							56	46	92 299	46 033,849	938 767,731	20,393	19,933
6							57	47	91 606	45 124,062	892 733,882	19,784	19,324
7							58	48	90 840	44 194,406	847 609,821	19,179	18,719
8							59	49	90 002	43 245,948	803 415,415	18,578	18,117
9							60	50	89 070	42 269,590	760 169,467	17,984	17,523
10	0	99 558	87 927,387	3 987 178,729	45,346	44,886	61	51	88 056	41 272,632	717 899,877	17,394	16,934
11	1	99 262	86 584,280	3 899 251,343	45,034	44,574	62	52	86 942	40 247,545	676 627,245	16,812	16,351
12	2	99 233	85 490,410	3 812 667,063	44,598	44,137	63	53	85 731	39 196,862	636 379,700	16,235	15,775
13	3	99 212	84 416,404	3 727 176,653	44,152	43,692	64	54	84 411	38 116,726	597 182,838	15,667	15,207
14	4	99 192	83 358,166	3 642 760,250	43,700	43,240	65	55	82 989	37 011,865	559 066,112	15,105	14,645
15	5	99 171	82 311,305	3 559 402,083	43,243	42,783	66	56	81 460	35 881,710	522 054,247	14,549	14,089
16	6	99 149	81 276,958	3 477 090,779	42,781	42,320	67	57	79 821	34 725,548	486 172,537	14,000	13,540
17	7	99 119	80 249,323	3 395 813,821	42,316	41,855	68	58	78 083	33 550,244	451 446,989	13,456	12,995
18	8	99 088	79 233,683	3 315 564,498	41,845	41,385	69	59	76 230	32 349,723	417 896,745	12,918	12,458
19	9	99 042	78 219,645	3 236 330,815	41,375	40,915	70	60	74 277	31 131,792	385 547,022	12,384	11,924
20	10	98 997	77 218,692	3 158 111,170	40,898	40,438	71	61	72 233	29 901,206	354 415,231	11,853	11,392
21	11	98 951	76 229,667	3 080 892,478	40,416	39,956	72	62	70 038	28 634,732	324 514,025	11,333	10,872
22	12	98 903	75 252,321	3 004 662,811	39,928	39,467	73	63	67 780	27 369,304	295 879,293	10,811	10,350
23	13	98 856	74 287,426	2 929 410,490	39,433	38,973	74	64	65 381	26 074,625	268 509,989	10,298	9,837
24	14	98 806	73 333,671	2 855 123,064	38,933	38,473	75	65	62 873	24 764,806	242 435,364	9,790	9,329
25	15	98 752	72 388,462	2 781 789,393	38,429	37,968	76	66	60 233	23 432,323	217 670,558	9,289	8,829
26	16	98 697	71 454,926	2 709 400,931	37,918	37,457	77	67	57 470	22 081,297	194 238,235	8,797	8,336
27	17	98 641	70 532,649	2 637 946,005	37,400	36,940	78	68	54 640	20 734,761	172 156,937	8,303	7,842
28	18	98 584	69 621,518	2 567 413,356	36,877	36,416	79	69	51 664	19 363,341	151 422,176	7,820	7,360
29	19	98 522	68 719,033	2 497 791,837	36,348	35,888	80	70	48 541	17 968,260	132 058,835	7,350	6,889
30	20	98 457	67 826,016	2 429 072,804	35,813	35,353	81	71	45 258	16 546,114	114 090,575	6,895	6,435
31	21	98 389	66 942,322	2 361 246,788	35,273	34,812	82	72	41 856	15 113,651	97 544,461	6,454	5,994
32	22	98 316	66 066,728	2 294 304,466	34,727	34,267	83	73	38 369	13 683,471	82 430,811	6,024	5,564
33	23	98 239	65 200,286	2 228 237,738	34,175	33,715	84	74	34 747	12 238,591	68 747,340	5,617	5,157
34	24	98 154	64 339,672	2 163 037,452	33,619	33,159	85	75	31 059	10 804,508	56 508,749	5,230	4,770
35	25	98 069	63 490,267	2 098 697,780	33,055	32,595	86	76	27 332	9 390,804	45 704,241	4,867	4,407
36	26	97 976	62 646,912	2 035 207,513	32,487	32,027	87	77	23 662	8 029,432	36 313,437	4,523	4,062
37	27	97 872	61 807,833	1 972 560,601	31,914	31,454	88	78	20 116	6 741,696	28 284,005	4,195	3,735
38	28	97 754	60 971,087	1 910 752,768	31,339	30,878	89	79	16 697	5 526,880	21 542,309	3,898	3,437
39	29	97 632	60 142,856	1 849 781,681	30,756	30,296	90	80	13 509	4 416,551	16 015,429	3,626	3,166
40	30	97 495	59 317,125	1 789 638,824	30,171	29,710	91	81	10 643	3 436,483	11 598,878	3,375	2,915
41	31	97 347	58 495,766	1 730 321,699	29,580	29,120	92	82	8 163	2 603,282	8 162,395	3,135	2,675
42	32	97 174	57 671,204	1 671 825,933	28,989	28,529	93	83	6 037	1 901,579	5 559,113	2,923	2,463
43	33	97 004	56 859,534	1 614 154,728	28,388	27,928	94	84	4 307	1 339,796	3 657,534	2,730	2,270
44	34	96 815	56 048,374	1 557 295,195	27,785	27,324	95	85	2 944	904,482	2 317,738	2,563	2,102
45	35	96 611	55 239,342	1 501 246,821	27,177	26,717	96	86	1 934	586,755	1 413,257	2,409	1,948
46	36	96 384	54 429,415	1 446 007,479	26,567	26,106	97	87	1 212	363,347	826,501	2,275	1,814
47	37	96 139	53 620,979	1 391 578,064	25,952	25,492	98	88	729	215,659	463,155	2,148	1,687
48	38	95 867	52 808,834	1 337 957,085	25,336	24,875	99	89	419	122,378	247,496	2,022	1,562
49	39	95 562	51 991,168	1 285 148,252	24,719	24,258	100	90	226	65,211	125,117	1,919	1,458

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	39	95 282	51 198,500	1 239 082,128	24,202	23,741
1							51	40	94 914	50 371,136	1 187 883,629	23,583	23,122
2							52	41	94 514	49 539,886	1 137 512,492	22,962	22,501
3							53	42	94 067	48 697,048	1 087 972,607	22,342	21,881
4							54	43	93 567	47 840,117	1 039 275,558	21,724	21,264
5							55	44	93 015	46 970,747	991 435,441	21,108	20,647
6							56	45	92 399	46 083,419	944 464,694	20,495	20,034
7							57	46	91 715	45 177,561	898 381,275	19,886	19,425
8							58	47	90 959	44 251,905	853 203,714	19,281	18,820
9							59	48	90 139	43 311,657	808 951,809	18,677	18,217
10							60	49	89 220	42 340,895	765 640,152	18,083	17,622
11	0	99 550	86 835,397	3 905 894,727	44,980	44,520	61	50	88 219	41 348,875	723 299,257	17,493	17,032
12	1	99 255	85 509,428	3 819 059,330	44,662	44,202	62	51	87 123	40 331,293	681 950,383	16,909	16,448
13	2	99 225	84 427,498	3 733 549,902	44,222	43,762	63	52	85 920	39 283,459	641 619,089	16,333	15,873
14	3	99 202	83 366,478	3 649 122,405	43,772	43,312	64	53	84 620	38 211,436	602 335,630	15,763	15,303
15	4	99 180	82 318,882	3 565 755,927	43,316	42,856	65	54	83 218	37 114,087	564 124,194	15,200	14,739
16	5	99 156	81 282,481	3 483 437,044	42,856	42,396	66	55	81 714	35 993,736	527 010,107	14,642	14,181
17	6	99 126	80 255,183	3 402 154,564	42,392	41,931	67	56	80 092	34 843,374	491 016,371	14,092	13,632
18	7	99 093	79 237,457	3 321 899,381	41,923	41,463	68	57	78 378	33 676,743	456 172,996	13,546	13,085
19	8	99 050	78 225,282	3 242 661,924	41,453	40,992	69	58	76 550	32 485,303	422 496,253	13,006	12,545
20	9	99 003	77 222,796	3 164 436,641	40,978	40,518	70	59	74 623	31 276,743	390 010,950	12,470	12,009
21	10	98 956	76 233,905	3 087 213,845	40,497	40,036	71	60	72 605	30 055,293	358 734,208	11,936	11,475
22	11	98 911	75 258,109	3 010 979,940	40,009	39,548	72	61	70 432	28 795,590	328 678,914	11,414	10,954
23	12	98 862	74 292,122	2 935 721,832	39,516	39,056	73	62	68 197	27 537,888	299 883,324	10,890	10,429
24	13	98 814	73 339,468	2 861 429,710	39,016	38,556	74	63	65 826	26 252,094	272 345,436	10,374	9,914
25	14	98 761	72 395,140	2 788 090,242	38,512	38,052	75	64	63 342	24 949,653	246 093,343	9,864	9,403
26	15	98 708	71 463,199	2 715 695,102	38,001	37,541	76	65	60 720	23 621,619	221 143,689	9,362	8,902
27	16	98 653	70 541,667	2 644 231,902	37,485	37,024	77	66	57 978	22 276,389	197 522,070	8,867	8,406
28	17	98 596	69 630,546	2 573 690,235	36,962	36,502	78	67	55 156	20 930,629	175 245,681	8,373	7,912
29	18	98 538	68 730,189	2 504 059,689	36,433	35,973	79	68	52 197	19 562,961	154 315,052	7,888	7,428
30	19	98 473	67 837,167	2 435 329,500	35,900	35,439	80	69	49 108	18 178,150	134 752,091	7,413	6,952
31	20	98 405	66 953,281	2 367 492,333	35,360	34,900	81	70	45 833	16 756,436	116 573,941	6,957	6,497
32	21	98 333	66 077,947	2 300 539,052	34,816	34,355	82	71	42 443	15 325,363	99 817,505	6,513	6,053
33	22	98 256	65 211,227	2 234 461,104	34,265	33,805	83	72	38 952	13 891,114	84 492,142	6,082	5,622
34	23	98 170	64 350,197	2 169 249,877	33,710	33,250	84	73	35 338	12 446,903	70 601,028	5,672	5,212
35	24	98 085	63 500,698	2 104 899,680	33,148	32,687	85	74	31 634	11 004,707	58 154,125	5,284	4,824
36	25	97 995	62 659,094	2 041 398,982	32,579	32,119	86	75	27 893	9 583,626	47 149,418	4,920	4,459
37	26	97 890	61 818,852	1 978 739,888	32,009	31,548	87	76	24 198	8 211,303	37 565,792	4,575	4,114
38	27	97 775	60 983,878	1 916 921,036	31,433	30,973	88	77	20 609	6 907,039	29 354,489	4,250	3,790
39	28	97 655	60 157,173	1 855 937,158	30,851	30,391	89	78	17 164	5 681,458	22 447,449	3,951	3,491
40	29	97 519	59 331,766	1 795 779,985	30,267	29,806	90	79	13 939	4 556,943	16 765,992	3,679	3,219
41	30	97 374	58 512,313	1 736 448,218	29,677	29,216	91	80	11 032	3 562,088	12 209,048	3,427	2,967
42	31	97 205	57 689,780	1 677 935,906	29,085	28,625	92	81	8 507	2 712,926	8 646,961	3,187	2,727
43	32	97 037	56 878,639	1 620 246,125	28,486	28,026	93	82	6 335	1 995,365	5 934,035	2,974	2,514
44	33	96 849	56 068,010	1 563 367,486	27,883	27,423	94	83	4 559	1 418,068	3 938,669	2,777	2,317
45	34	96 648	55 260,440	1 507 299,475	27,276	26,816	95	84	3 145	966,108	2 520,602	2,609	2,149
46	35	96 429	54 454,842	1 452 039,035	26,665	26,205	96	85	2 087	633,435	1 554,494	2,454	1,994
47	36	96 185	53 646,560	1 397 584,193	26,052	25,591	97	86	1 325	397,221	921,059	2,319	1,858
48	37	95 915	52 835,512	1 343 937,633	25,436	24,976	98	87	809	239,380	523,838	2,188	1,728
49	38	95 615	52 019,993	1 291 102,121	24,819	24,359	99	88	472	138,016	284,457	2,061	1,601
							100	89	259	74,853	146,441	1,956	1,496

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	51 226,885	1 244 510,655	24,294	23,834
1							51	39	94 975	50 403,931	1 193 283,771	23,674	23,214
2							52	40	94 574	49 571,271	1 142 879,839	23,055	22,595
3							53	41	94 136	48 732,767	1 093 308,569	22,435	21,974
4							54	42	93 643	47 878,748	1 044 575,802	21,817	21,357
5							55	43	93 099	47 012,857	996 697,054	21,201	20,740
6							56	44	92 486	46 127,048	949 684,197	20,588	20,128
7							57	45	91 814	45 226,209	903 557,149	19,979	19,518
8							58	46	91 066	44 304,370	858 330,940	19,374	18,913
9							59	47	90 256	43 368,008	814 026,570	18,770	18,310
10							60	48	89 356	42 405,228	770 658,562	18,174	17,713
11							61	49	88 368	41 418,626	728 253,334	17,583	17,122
12	0	99 543	85 757,427	3 825 168,358	44,605	44,144	62	50	87 284	40 405,797	686 834,708	16,998	16,538
13	1	99 247	84 446,280	3 739 410,931	44,282	43,821	63	51	86 099	39 365,201	646 428,910	16,421	15,961
14	2	99 215	83 377,434	3 654 964,651	43,836	43,376	64	52	84 807	38 295,857	607 063,709	15,852	15,392
15	3	99 190	82 327,090	3 571 587,217	43,383	42,923	65	53	83 425	37 206,306	568 767,852	15,287	14,826
16	4	99 165	81 289,964	3 489 260,127	42,924	42,463	66	54	81 940	36 093,146	531 561,546	14,727	14,267
17	5	99 133	80 260,636	3 407 970,163	42,461	42,001	67	55	80 342	34 952,159	495 468,400	14,176	13,715
18	6	99 100	79 243,243	3 327 709,528	41,994	41,533	68	56	78 644	33 791,011	460 516,241	13,628	13,168
19	7	99 054	78 229,008	3 248 466,284	41,525	41,065	69	57	76 838	32 607,787	426 725,231	13,087	12,626
20	8	99 010	77 228,362	3 170 237,276	41,050	40,590	70	58	74 936	31 407,826	394 117,444	12,548	12,088
21	9	98 962	76 237,957	3 093 008,914	40,570	40,110	71	59	72 943	30 195,232	362 709,618	12,012	11,552
22	10	98 916	75 262,293	3 016 770,957	40,083	39,623	72	60	70 795	28 943,980	332 514,386	11,488	11,028
23	11	98 869	74 297,835	2 941 508,664	39,591	39,130	73	61	68 581	27 692,584	303 570,406	10,962	10,502
24	12	98 820	73 344,103	2 867 210,829	39,093	38,632	74	62	66 231	26 413,797	275 877,822	10,444	9,984
25	13	98 769	72 400,863	2 793 866,726	38,589	38,128	75	63	63 773	25 119,466	249 464,025	9,931	9,471
26	14	98 717	71 469,792	2 721 465,863	38,079	37,618	76	64	61 173	23 797,934	224 344,560	9,427	8,967
27	15	98 665	70 549,835	2 649 996,071	37,562	37,102	77	65	58 446	22 456,347	200 546,626	8,931	8,470
28	16	98 609	69 639,449	2 579 446,236	37,040	36,580	78	66	55 644	21 115,554	178 090,279	8,434	7,974
29	17	98 551	68 739,101	2 509 806,787	36,512	36,052	79	67	52 690	19 747,759	156 974,725	7,949	7,489
30	18	98 489	67 848,180	2 441 067,685	35,978	35,518	80	68	49 614	18 365,551	137 226,966	7,472	7,012
31	19	98 421	66 964,288	2 373 219,506	35,440	34,980	81	69	46 368	16 952,171	118 861,414	7,012	6,551
32	20	98 349	66 088,765	2 306 255,217	34,896	34,436	82	70	42 982	15 520,168	101 909,243	6,566	6,106
33	21	98 273	65 222,302	2 240 166,452	34,347	33,886	83	71	39 497	14 085,701	86 389,075	6,133	5,673
34	22	98 187	64 360,995	2 174 944,151	33,793	33,333	84	72	35 874	12 635,782	72 303,374	5,722	5,262
35	23	98 102	63 511,086	2 110 583,155	33,232	32,771	85	73	32 173	11 192,017	59 667,593	5,331	4,871
36	24	98 011	62 669,388	2 047 072,070	32,665	32,204	86	74	28 410	9 761,203	48 475,576	4,966	4,506
37	25	97 909	61 830,873	1 984 402,681	32,094	31,634	87	75	24 695	8 379,907	38 714,373	4,620	4,160
38	26	97 792	60 994,750	1 922 571,808	31,520	31,060	88	76	21 076	7 063,487	30 334,466	4,295	3,834
39	27	97 675	60 169,794	1 861 577,058	30,939	30,478	89	77	17 585	5 820,799	23 270,979	3,998	3,538
40	28	97 542	59 345,890	1 801 407,265	30,354	29,894	90	78	14 329	4 684,394	17 450,180	3,725	3,265
41	29	97 398	58 526,755	1 742 061,375	29,765	29,305	91	79	11 383	3 675,319	12 765,786	3,473	3,013
42	30	97 233	57 706,099	1 683 534,620	29,174	28,714	92	80	8 818	2 812,084	9 090,468	3,233	2,772
43	31	97 068	56 896,961	1 625 828,521	28,575	28,115	93	81	6 602	2 079,405	6 278,384	3,019	2,559
44	32	96 882	56 086,850	1 568 931,560	27,973	27,513	94	82	4 783	1 488,007	4 198,979	2,822	2,361
45	33	96 681	55 279,801	1 512 844,710	27,367	26,907	95	83	3 328	1 022,548	2 710,971	2,651	2,191
46	34	96 466	54 475,641	1 457 564,909	26,756	26,296	96	84	2 230	676,594	1 688,423	2,495	2,035
47	35	96 230	53 671,622	1 403 089,269	26,142	25,682	97	85	1 431	428,823	1 011,829	2,360	1,899
48	36	95 961	52 860,719	1 349 417,647	25,528	25,067	98	86	884	261,698	583,007	2,228	1,767
49	37	95 663	52 046,272	1 296 556,928	24,912	24,451	99	87	524	153,197	321,309	2,097	1,637
							100	88	292	84,417	168,112	1,991	1,531

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	37	95 383	51 252,764	1 249 482,741	24,379	23,918
1							51	38	95 028	50 431,876	1 198 229,977	23,759	23,299
2							52	39	94 636	49 603,545	1 147 798,101	23,139	22,679
3							53	40	94 196	48 763,640	1 098 194,556	22,521	22,060
4							54	41	93 712	47 913,866	1 049 430,915	21,902	21,442
5							55	42	93 174	47 050,820	1 001 517,049	21,286	20,825
6							56	43	92 569	46 168,401	954 466,229	20,674	20,213
7							57	44	91 901	45 269,026	908 297,828	20,064	19,604
8							58	45	91 165	44 352,078	863 028,802	19,459	18,998
9							59	46	90 363	43 419,424	818 676,724	18,855	18,395
10							60	47	89 472	42 460,400	775 257,299	18,258	17,798
11							61	48	88 502	41 481,558	732 796,900	17,666	17,205
12							62	49	87 431	40 473,958	691 315,341	17,080	16,620
13	0	99 535	84 691,196	3 745 028,689	44,220	43,759	63	50	86 258	39 437,921	650 841,383	16,503	16,043
14	1	99 237	83 395,982	3 660 337,494	43,891	43,431	64	51	84 984	38 375,544	611 403,462	15,932	15,472
15	2	99 203	82 337,910	3 576 941,512	43,442	42,982	65	52	83 609	37 288,506	573 027,918	15,367	14,907
16	3	99 175	81 298,069	3 494 603,602	42,985	42,525	66	53	82 144	36 182,828	535 739,413	14,806	14,346
17	4	99 142	80 268,025	3 413 305,533	42,524	42,063	67	54	80 564	35 048,692	499 556,585	14,253	13,793
18	5	99 107	79 248,628	3 333 037,508	42,058	41,598	68	55	78 889	33 896,509	464 507,892	13,704	13,243
19	6	99 062	78 234,721	3 253 788,880	41,590	41,130	69	56	77 099	32 718,427	430 611,383	13,161	12,701
20	7	99 014	77 232,040	3 175 554,160	41,117	40,657	70	57	75 218	31 526,247	397 892,956	12,621	12,161
21	8	98 969	76 243,452	3 098 322,119	40,637	40,177	71	58	73 249	30 321,782	366 366,708	12,083	11,622
22	9	98 922	75 266,293	3 022 078,668	40,152	39,691	72	59	71 124	29 078,745	336 044,926	11,556	11,096
23	10	98 875	74 301,966	2 946 812,374	39,660	39,200	73	60	68 934	27 835,290	306 966,181	11,028	10,568
24	11	98 828	73 349,744	2 872 510,408	39,162	38,701	74	61	66 603	26 562,178	279 130,891	10,509	10,048
25	12	98 775	72 405,439	2 799 160,664	38,660	38,199	75	62	64 166	25 274,192	252 568,713	9,993	9,533
26	13	98 725	71 475,442	2 726 755,226	38,150	37,689	76	63	61 590	23 959,907	227 294,521	9,486	9,026
27	14	98 674	70 556,344	2 655 279,784	37,633	37,173	77	64	58 882	22 623,963	203 334,614	8,988	8,527
28	15	98 620	69 647,512	2 584 723,440	37,111	36,651	78	65	56 093	21 286,134	180 710,651	8,490	8,029
29	16	98 563	68 747,890	2 515 075,928	36,584	36,124	79	66	53 155	19 922,234	159 424,516	8,002	7,542
30	17	98 502	67 856,978	2 446 328,038	36,051	35,591	80	67	50 083	18 539,038	139 502,283	7,525	7,064
31	18	98 437	66 975,160	2 378 471,060	35,513	35,052	81	68	46 847	17 126,934	120 963,244	7,063	6,602
32	19	98 365	66 099,630	2 311 495,900	34,970	34,509	82	69	43 484	15 701,462	103 836,310	6,613	6,153
33	20	98 289	65 232,979	2 245 396,271	34,421	33,961	83	70	39 999	14 264,748	88 134,848	6,179	5,718
34	21	98 204	64 371,925	2 180 163,292	33,868	33,408	84	71	36 377	12 812,784	73 870,100	5,765	5,305
35	22	98 118	63 521,743	2 115 791,366	33,308	32,848	85	72	32 661	11 361,853	61 057,316	5,374	4,913
36	23	98 027	62 679,640	2 052 269,623	32,742	32,282	86	73	28 894	9 927,348	49 695,464	5,006	4,546
37	24	97 925	61 841,031	1 989 589,983	32,173	31,712	87	74	25 152	8 535,180	39 768,116	4,659	4,199
38	25	97 811	61 006,611	1 927 748,951	31,599	31,139	88	75	21 508	7 208,523	31 232,936	4,333	3,872
39	26	97 693	60 180,520	1 866 742,341	31,019	30,559	89	76	17 983	5 952,643	24 024,414	4,036	3,576
40	27	97 563	59 358,340	1 806 561,821	30,435	29,974	90	77	14 680	4 799,281	18 071,771	3,766	3,305
41	28	97 421	58 540,687	1 747 203,480	29,846	29,386	91	78	11 701	3 778,111	13 272,490	3,513	3,053
42	29	97 257	57 720,342	1 688 662,793	29,256	28,796	92	79	9 098	2 901,474	9 494,378	3,272	2,812
43	30	97 095	56 913,055	1 630 942,451	28,657	28,196	93	80	6 843	2 155,408	6 592,905	3,059	2,598
44	31	96 913	56 104,916	1 574 029,396	28,055	27,595	94	81	4 985	1 550,678	4 437,496	2,862	2,401
45	32	96 714	55 298,376	1 517 924,480	27,450	26,989	95	82	3 492	1 072,981	2 886,818	2,690	2,230
46	33	96 500	54 494,726	1 462 626,104	26,840	26,379	96	83	2 360	716,121	1 813,837	2,533	2,072
47	34	96 267	53 692,121	1 408 131,378	26,226	25,766	97	84	1 528	458,040	1 097,717	2,397	1,936
48	35	96 006	52 885,413	1 354 439,257	25,611	25,150	98	85	954	282,517	639,676	2,264	1,804
49	36	95 709	52 071,103	1 301 553,844	24,996	24,535	99	86	573	167,480	357,159	2,133	1,672
							100	87	325	93,703	189,679	2,024	1,564

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	51 277,216	1 254 036,338	24,456	23,996
1							51	37	95 076	50 457,354	1 202 759,122	23,837	23,377
2							52	38	94 688	49 631,046	1 152 301,769	23,217	22,757
3							53	39	94 257	48 795,389	1 102 670,723	22,598	22,137
4							54	40	93 771	47 944,221	1 053 875,334	21,981	21,521
5							55	41	93 242	47 085,330	1 005 931,113	21,364	20,904
6							56	42	92 644	46 205,682	958 845,782	20,752	20,291
7							57	43	91 983	45 309,610	912 640,100	20,142	19,682
8							58	44	91 251	44 394,068	867 330,490	19,537	19,077
9							59	45	90 460	43 466,179	822 936,422	18,933	18,472
10							60	46	89 578	42 510,741	779 470,243	18,336	17,875
11							61	47	88 617	41 535,528	736 959,502	17,743	17,282
12							62	48	87 564	40 535,455	695 423,974	17,156	16,696
13							63	49	86 404	39 504,449	654 888,519	16,578	16,117
14	0	99 525	83 637,852	3 665 503,831	43,826	43,366	64	50	85 141	38 446,435	615 384,070	16,006	15,546
15	1	99 225	82 356,227	3 581 865,978	43,492	43,032	65	51	83 783	37 366,096	576 937,635	15,440	14,980
16	2	99 188	81 308,753	3 499 509,752	43,040	42,579	66	52	82 325	36 262,767	539 571,538	14,879	14,419
17	3	99 152	80 276,028	3 418 200,998	42,581	42,120	67	53	80 764	35 135,779	503 308,771	14,325	13,864
18	4	99 116	79 255,923	3 337 924,970	42,116	41,655	68	54	79 107	33 990,128	468 172,992	13,774	13,313
19	5	99 068	78 240,037	3 258 669,047	41,650	41,189	69	55	77 340	32 820,577	434 182,865	13,229	12,769
20	6	99 022	77 237,680	3 180 429,010	41,177	40,717	70	56	75 474	31 633,218	401 362,287	12,688	12,228
21	7	98 973	76 247,083	3 103 191,330	40,699	40,239	71	57	73 525	30 436,109	369 729,069	12,148	11,687
22	8	98 929	75 271,718	3 026 944,247	40,214	39,753	72	58	71 422	29 200,616	339 292,960	11,619	11,159
23	9	98 880	74 305,915	2 951 672,529	39,723	39,263	73	59	69 255	27 964,893	310 092,345	11,089	10,628
24	10	98 833	73 353,822	2 877 366,613	39,226	38,765	74	60	66 947	26 699,059	282 127,452	10,567	10,107
25	11	98 783	72 411,007	2 804 012,792	38,724	38,263	75	61	64 526	25 416,171	255 428,394	10,050	9,589
26	12	98 731	71 479,959	2 731 601,784	38,215	37,755	76	62	61 969	24 107,491	230 012,222	9,541	9,081
27	13	98 682	70 561,921	2 660 121,825	37,699	37,239	77	63	59 283	22 777,947	205 904,731	9,040	8,579
28	14	98 629	69 653,938	2 589 559,904	37,178	36,717	78	64	56 512	21 445,016	183 126,785	8,539	8,079
29	15	98 575	68 755,850	2 519 905,966	36,650	36,190	79	65	53 585	20 083,174	161 681,768	8,051	7,590
30	16	98 515	67 865,654	2 451 150,116	36,118	35,657	80	66	50 525	18 702,833	141 598,594	7,571	7,111
31	17	98 450	66 983,844	2 383 284,463	35,580	35,120	81	67	47 289	17 288,721	122 895,761	7,108	6,648
32	18	98 381	66 110,361	2 316 300,618	35,037	34,576	82	68	43 933	15 863,331	105 607,040	6,657	6,197
33	19	98 305	65 243,703	2 250 190,258	34,489	34,029	83	69	40 466	14 431,377	89 743,709	6,219	5,758
34	20	98 220	64 382,464	2 184 946,554	33,937	33,477	84	70	36 839	12 975,651	75 312,332	5,804	5,344
35	21	98 135	63 532,531	2 120 564,091	33,378	32,917	85	71	33 118	11 521,010	62 336,681	5,411	4,950
36	22	98 044	62 690,158	2 057 031,560	32,813	32,352	86	72	29 332	10 077,993	50 815,671	5,042	4,582
37	23	97 941	61 851,148	1 994 341,402	32,244	31,784	87	73	25 581	8 680,456	40 737,679	4,693	4,233
38	24	97 827	61 016,634	1 932 490,254	31,672	31,211	88	74	21 907	7 342,091	32 057,223	4,366	3,906
39	25	97 712	60 192,222	1 871 473,620	31,092	30,631	89	75	18 352	6 074,869	24 715,132	4,068	3,608
40	26	97 580	59 368,922	1 811 281,398	30,509	30,049	90	76	15 013	4 907,987	18 640,263	3,798	3,338
41	27	97 442	58 552,968	1 751 912,476	29,920	29,460	91	77	11 988	3 870,772	13 732,276	3,548	3,087
42	28	97 280	57 734,082	1 693 359,507	29,330	28,870	92	78	9 353	2 982,624	9 861,504	3,306	2,846
43	29	97 119	56 927,102	1 635 625,425	28,732	28,272	93	79	7 061	2 223,924	6 878,881	3,093	2,633
44	30	96 940	56 120,787	1 578 698,323	28,130	27,670	94	80	5 167	1 607,356	4 654,957	2,896	2,436
45	31	96 745	55 316,188	1 522 577,536	27,525	27,065	95	81	3 639	1 118,172	3 047,601	2,726	2,265
46	32	96 532	54 513,038	1 467 261,348	26,916	26,455	96	82	2 476	751,440	1 929,429	2,568	2,107
47	33	96 301	53 710,932	1 412 748,311	26,303	25,842	97	83	1 618	484,799	1 177,989	2,430	1,969
48	34	96 042	52 905,612	1 359 037,379	25,688	25,228	98	84	1 019	301,766	693,189	2,297	1,837
49	35	95 754	52 095,428	1 306 131,766	25,072	24,612	99	85	618	180,804	391,423	2,165	1,705
							100	86	355	102,439	210,619	2,056	1,596

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	51 301,170	1 258 207,188	24,526	24,066
1							51	36	95 121	50 481,426	1 206 906,018	23,908	23,448
2							52	37	94 736	49 656,119	1 156 424,592	23,289	22,828
3							53	38	94 310	48 822,442	1 106 768,473	22,669	22,209
4							54	39	93 832	47 975,436	1 057 946,031	22,052	21,591
5							55	40	93 301	47 115,160	1 009 970,595	21,436	20,976
6							56	41	92 712	46 239,573	962 855,435	20,823	20,363
7							57	42	92 057	45 346,198	916 615,861	20,214	19,753
8							58	43	91 333	44 433,867	871 269,664	19,608	19,148
9							59	44	90 546	43 507,331	826 835,796	19,005	18,544
10							60	45	89 674	42 556,517	783 328,466	18,407	17,946
11							61	46	88 722	41 584,773	740 771,949	17,814	17,353
12							62	47	87 678	40 588,194	699 187,176	17,226	16,766
13							63	48	86 535	39 564,473	658 598,982	16,646	16,186
14							64	49	85 285	38 511,291	619 034,509	16,074	15,614
15	0	99 513	82 595,081	3 586 617,567	43,424	42,964	65	50	83 938	37 435,123	580 523,219	15,507	15,047
16	1	99 210	81 326,841	3 504 022,486	43,086	42,625	66	51	82 497	36 338,223	543 088,096	14,945	14,485
17	2	99 165	80 286,578	3 422 695,644	42,631	42,171	67	52	80 942	35 213,404	506 749,872	14,391	13,930
18	3	99 126	79 263,826	3 342 409,066	42,168	41,708	68	53	79 304	34 074,584	471 536,468	13,838	13,378
19	4	99 077	78 247,239	3 263 145,240	41,703	41,243	69	54	77 553	32 911,224	437 461,884	13,292	12,832
20	5	99 028	77 242,928	3 184 898,001	41,232	40,772	70	55	75 709	31 731,980	404 550,660	12,749	12,289
21	6	98 981	76 252,651	3 107 655,073	40,755	40,294	71	56	73 775	30 539,381	372 818,680	12,208	11,747
22	7	98 933	75 275,303	3 031 402,422	40,271	39,810	72	57	71 692	29 310,715	342 279,300	11,678	11,217
23	8	98 887	74 311,271	2 956 127,118	39,780	39,320	73	58	69 545	28 082,095	312 968,585	11,145	10,684
24	9	98 839	73 357,721	2 881 815,848	39,284	38,824	74	59	67 258	26 823,371	284 886,489	10,621	10,160
25	10	98 788	72 415,033	2 808 458,127	38,783	38,322	75	60	64 859	25 547,147	258 063,119	10,101	9,641
26	11	98 739	71 485,457	2 736 043,093	38,274	37,814	76	61	62 317	24 242,916	232 515,972	9,591	9,131
27	12	98 688	70 566,381	2 664 557,637	37,760	37,299	77	62	59 648	22 918,250	208 273,056	9,088	8,627
28	13	98 637	69 659,443	2 593 991,256	37,238	36,778	78	63	56 896	21 590,975	185 354,805	8,585	8,124
29	14	98 584	68 762,193	2 524 331,813	36,711	36,251	79	64	53 985	20 233,077	163 763,830	8,094	7,633
30	15	98 526	67 873,512	2 455 569,619	36,179	35,718	80	65	50 934	18 853,923	143 530,753	7,613	7,152
31	16	98 463	66 992,409	2 387 696,108	35,641	35,181	81	66	47 707	17 441,469	124 676,830	7,148	6,688
32	17	98 394	66 118,933	2 320 703,699	35,099	34,639	82	67	44 348	16 013,181	107 235,361	6,697	6,236
33	18	98 321	65 254,295	2 254 584,766	34,551	34,090	83	68	40 884	14 580,153	91 222,180	6,257	5,796
34	19	98 236	64 393,048	2 189 330,471	33,999	33,539	84	69	37 270	13 127,222	76 642,028	5,838	5,378
35	20	98 151	63 542,932	2 124 937,423	33,441	32,981	85	70	33 539	11 667,457	63 514,806	5,444	4,983
36	21	98 061	62 700,805	2 061 394,491	32,877	32,416	86	71	29 743	10 219,165	51 847,349	5,074	4,613
37	22	97 957	61 861,527	1 998 693,686	32,309	31,849	87	72	25 969	8 812,180	41 628,184	4,724	4,264
38	23	97 843	61 026,615	1 936 832,160	31,737	31,277	88	73	22 280	7 467,060	32 816,004	4,395	3,934
39	24	97 728	60 202,112	1 875 805,545	31,158	30,698	89	74	18 693	6 187,432	25 348,944	4,097	3,636
40	25	97 599	59 380,467	1 815 603,433	30,576	30,115	90	75	15 321	5 008,763	19 161,513	3,826	3,365
41	26	97 459	58 563,407	1 756 222,966	29,988	29,528	91	76	12 259	3 958,447	14 152,749	3,575	3,115
42	27	97 300	57 746,195	1 697 659,560	29,399	28,938	92	77	9 582	3 055,774	10 194,303	3,336	2,876
43	28	97 142	56 940,654	1 639 913,365	28,800	28,340	93	78	7 258	2 286,123	7 138,529	3,123	2,662
44	29	96 964	56 134,639	1 582 972,711	28,200	27,739	94	79	5 331	1 658,450	4 852,406	2,926	2,465
45	30	96 772	55 331,835	1 526 838,073	27,594	27,134	95	80	3 772	1 159,041	3 193,955	2,756	2,295
46	31	96 563	54 530,597	1 471 506,238	26,985	26,525	96	81	2 581	783,089	2 034,914	2,599	2,138
47	32	96 333	53 728,980	1 416 975,641	26,373	25,912	97	82	1 697	508,710	1 251,825	2,461	2,000
48	33	96 076	52 924,148	1 363 246,661	25,759	25,298	98	83	1 079	319,396	743,115	2,327	1,866
49	34	95 790	52 115,326	1 310 322,514	25,143	24,682	99	84	661	193,123	423,719	2,194	1,734
							100	85	383	110,588	230,597	2,085	1,625

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	51 320,764	1 262 024,189	24,591	24,131
1							51	35	95 166	50 505,009	1 210 703,425	23,972	23,512
2							52	36	94 781	49 679,809	1 160 198,416	23,354	22,893
3							53	37	94 357	48 847,106	1 110 518,607	22,735	22,274
4							54	38	93 884	48 002,034	1 061 671,501	22,117	21,657
5							55	39	93 362	47 145,836	1 013 669,466	21,501	21,040
6							56	40	92 771	46 268,867	966 523,631	20,889	20,429
7							57	41	92 125	45 379,458	920 254,763	20,279	19,819
8							58	42	91 406	44 469,748	874 875,305	19,673	19,213
9							59	43	90 627	43 546,335	830 405,557	19,069	18,609
10							60	44	89 759	42 596,807	786 859,222	18,472	18,012
11							61	45	88 818	41 629,552	744 262,415	17,878	17,418
12							62	46	87 782	40 636,315	702 632,863	17,291	16,830
13							63	47	86 648	39 615,948	661 996,548	16,710	16,250
14							64	48	85 414	38 569,805	622 380,600	16,136	15,676
15							65	49	84 079	37 498,273	583 810,795	15,569	15,109
16	0	99 497	81 562,710	3 508 393,010	43,015	42,554	66	50	82 649	36 405,351	546 312,522	15,006	14,546
17	1	99 187	80 304,439	3 426 830,300	42,673	42,213	67	51	81 111	35 286,677	509 907,171	14,450	13,990
18	2	99 139	79 274,243	3 346 525,861	42,215	41,754	68	52	79 479	34 149,865	474 620,494	13,898	13,438
19	3	99 087	78 255,041	3 267 251,618	41,751	41,291	69	53	77 746	32 993,000	440 470,629	13,350	12,890
20	4	99 037	77 250,039	3 188 996,576	41,281	40,821	70	54	75 918	31 819,620	407 477,629	12,806	12,345
21	5	98 987	76 257,832	3 111 746,537	40,806	40,345	71	55	74 005	30 634,727	375 658,009	12,262	11,802
22	6	98 941	75 280,800	3 035 488,705	40,322	39,862	72	56	71 935	29 410,168	345 023,282	11,731	11,271
23	7	98 892	74 314,810	2 960 207,905	39,833	39,373	73	57	69 807	28 187,978	315 613,114	11,197	10,736
24	8	98 846	73 363,008	2 885 893,095	39,337	38,877	74	58	67 540	26 935,789	287 425,136	10,671	10,210
25	9	98 793	72 418,882	2 812 530,087	38,837	38,377	75	59	65 161	25 666,095	260 489,347	10,149	9,689
26	10	98 744	71 489,431	2 740 111,204	38,329	37,869	76	60	62 638	24 367,846	234 823,252	9,637	9,176
27	11	98 695	70 571,808	2 668 621,773	37,814	37,354	77	61	59 983	23 046,995	210 455,406	9,132	8,671
28	12	98 643	69 663,846	2 598 049,965	37,294	36,834	78	62	57 247	21 723,967	187 408,411	8,627	8,166
29	13	98 592	68 767,629	2 528 386,119	36,767	36,307	79	63	54 352	20 370,787	165 684,444	8,133	7,673
30	14	98 535	67 879,773	2 459 618,491	36,235	35,775	80	64	51 314	18 994,651	145 313,657	7,650	7,190
31	15	98 474	67 000,165	2 391 738,717	35,698	35,237	81	65	48 092	17 582,369	126 319,006	7,184	6,724
32	16	98 406	66 127,387	2 324 738,552	35,155	34,695	82	66	44 739	16 154,660	108 736,637	6,731	6,271
33	17	98 333	65 262,757	2 258 611,165	34,608	34,148	83	67	41 270	14 717,882	92 581,977	6,290	5,830
34	18	98 252	64 403,502	2 193 348,408	34,056	33,596	84	68	37 654	13 262,553	77 864,096	5,871	5,411
35	19	98 167	63 553,378	2 128 944,907	33,499	33,038	85	69	33 931	11 803,746	64 601,543	5,473	5,013
36	20	98 077	62 711,069	2 065 391,529	32,935	32,475	86	70	30 121	10 349,064	52 797,797	5,102	4,641
37	21	97 974	61 872,032	2 002 680,459	32,368	31,908	87	71	26 333	8 935,621	42 448,733	4,751	4,290
38	22	97 860	61 036,856	1 940 808,427	31,797	31,337	88	72	22 618	7 580,370	33 513,112	4,421	3,961
39	23	97 744	60 211,960	1 879 771,571	31,219	30,759	89	73	19 011	6 292,747	25 932,742	4,121	3,661
40	24	97 615	59 390,223	1 819 559,611	30,637	30,177	90	74	15 605	5 101,572	19 639,994	3,850	3,389
41	25	97 478	58 574,794	1 760 169,389	30,050	29,590	91	75	12 511	4 039,726	14 538,423	3,599	3,138
42	26	97 318	57 756,489	1 701 594,594	29,462	29,001	92	76	9 799	3 124,989	10 498,697	3,360	2,899
43	27	97 163	56 952,599	1 643 838,105	28,863	28,403	93	77	7 436	2 342,192	7 373,708	3,148	2,688
44	28	96 987	56 148,001	1 586 885,506	28,263	27,802	94	78	5 480	1 704,835	5 031,516	2,951	2,491
45	29	96 796	55 345,492	1 530 737,505	27,658	27,197	95	79	3 892	1 195,885	3 326,682	2,782	2,321
46	30	96 591	54 546,021	1 475 392,012	27,049	26,588	96	80	2 675	811,711	2 130,797	2,625	2,165
47	31	96 364	53 746,286	1 420 845,991	26,436	25,976	97	81	1 769	530,135	1 319,086	2,488	2,028
48	32	96 108	52 941,931	1 367 099,704	25,823	25,362	98	82	1 132	335,148	788,951	2,354	1,894
49	33	95 824	52 133,584	1 314 157,773	25,208	24,747	99	83	699	204,405	453,802	2,220	1,760
							100	84	409	118,123	249,397	2,111	1,651

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	51 338,744	1 265 516,252	24,650	24,190
1							51	34	95 202	50 524,299	1 214 177,508	24,032	23,571
2							52	35	94 825	49 703,017	1 163 653,209	23,412	22,952
3							53	36	94 402	48 870,410	1 113 950,192	22,794	22,334
4							54	37	93 931	48 026,285	1 065 079,781	22,177	21,717
5							55	38	93 414	47 171,974	1 017 053,497	21,561	21,100
6							56	39	92 831	46 298,991	969 881,523	20,948	20,488
7							57	40	92 183	45 408,207	923 582,531	20,340	19,879
8							58	41	91 473	44 502,366	878 174,324	19,733	19,273
9							59	42	90 700	43 581,499	833 671,958	19,129	18,669
10							60	43	89 840	42 634,995	790 090,460	18,532	18,071
11							61	44	88 902	41 668,965	747 455,465	17,938	17,478
12							62	45	87 877	40 680,073	705 786,500	17,350	16,889
13							63	46	86 750	39 662,917	665 106,427	16,769	16,309
14							64	47	85 525	38 619,987	625 443,510	16,195	15,734
15							65	48	84 207	37 555,248	586 823,523	15,626	15,165
16							66	49	82 788	36 466,763	549 268,275	15,062	14,602
17	0	99 475	80 537,343	3 430 850,631	42,600	42,139	67	50	81 260	35 351,863	512 801,512	14,506	14,045
18	1	99 161	79 291,878	3 350 313,289	42,253	41,793	68	51	79 644	34 220,925	477 449,649	13,952	13,492
19	2	99 100	78 265,326	3 271 021,410	41,794	41,334	69	52	77 918	33 065,891	443 228,725	13,404	12,944
20	3	99 047	77 257,742	3 192 756,085	41,326	40,866	70	53	76 107	31 898,683	410 162,834	12,858	12,398
21	4	98 997	76 264,852	3 115 498,343	40,851	40,391	71	54	74 209	30 719,337	378 264,151	12,314	11,853
22	5	98 947	75 285,915	3 039 233,490	40,369	39,909	72	55	72 160	29 501,990	347 544,814	11,780	11,320
23	6	98 899	74 320,237	2 963 947,575	39,881	39,420	73	56	70 044	28 283,621	318 042,824	11,245	10,784
24	7	98 850	73 366,502	2 889 627,338	39,386	38,926	74	57	67 795	27 037,349	289 759,203	10,717	10,257
25	8	98 800	72 424,102	2 816 260,836	38,886	38,425	75	58	65 434	25 773,664	262 721,854	10,193	9,733
26	9	98 750	71 493,231	2 743 836,734	38,379	37,919	76	59	62 930	24 481,303	236 948,190	9,679	9,218
27	10	98 701	70 575,732	2 672 343,503	37,865	37,405	77	60	60 293	23 165,761	212 466,887	9,172	8,711
28	11	98 651	69 669,204	2 601 767,772	37,345	36,884	78	61	57 568	21 846,003	189 301,125	8,665	8,205
29	12	98 598	68 771,975	2 532 098,568	36,819	36,358	79	62	54 687	20 496,264	167 455,122	8,170	7,710
30	13	98 543	67 885,139	2 463 326,593	36,287	35,826	80	63	51 663	19 123,932	146 958,859	7,685	7,224
31	14	98 483	67 006,347	2 395 441,454	35,749	35,289	81	64	48 451	17 713,605	127 834,927	7,217	6,756
32	15	98 418	66 135,043	2 328 435,107	35,207	34,747	82	65	45 101	16 285,164	110 121,322	6,762	6,302
33	16	98 346	65 271,101	2 262 300,064	34,660	34,200	83	66	41 634	14 847,916	93 836,157	6,320	5,859
34	17	98 265	64 411,853	2 197 028,963	34,109	33,649	84	67	38 010	13 387,835	78 988,241	5,900	5,440
35	18	98 183	63 563,696	2 132 617,110	33,551	33,090	85	68	34 281	11 925,433	65 600,406	5,501	5,040
36	19	98 093	62 721,379	2 069 053,414	32,988	32,528	86	69	30 473	10 469,953	53 674,973	5,127	4,666
37	20	97 990	61 882,161	2 006 332,035	32,422	31,961	87	70	26 667	9 049,204	43 205,020	4,774	4,314
38	21	97 876	61 047,221	1 944 449,874	31,852	31,391	88	71	22 935	7 686,556	34 155,816	4,444	3,983
39	22	97 760	60 222,064	1 883 402,653	31,274	30,814	89	72	19 299	6 388,238	26 469,259	4,143	3,683
40	23	97 631	59 399,938	1 823 180,589	30,693	30,233	90	73	15 870	5 188,405	20 081,021	3,870	3,410
41	24	97 494	58 584,418	1 763 780,651	30,107	29,646	91	74	12 743	4 114,579	14 892,616	3,619	3,159
42	25	97 337	57 767,720	1 705 196,233	29,518	29,058	92	75	10 000	3 189,155	10 778,038	3,380	2,919
43	26	97 180	56 962,752	1 647 428,513	28,921	28,461	93	76	7 605	2 395,244	7 588,883	3,168	2,708
44	27	97 008	56 159,781	1 590 465,761	28,320	27,860	94	77	5 615	1 746,647	5 193,639	2,973	2,513
45	28	96 819	55 358,667	1 534 305,980	27,716	27,255	95	78	4 001	1 229,332	3 446,993	2,804	2,344
46	29	96 614	54 559,485	1 478 947,313	27,107	26,647	96	79	2 760	837,514	2 217,661	2,648	2,188
47	30	96 391	53 761,489	1 424 387,828	26,495	26,034	97	80	1 834	549,512	1 380,148	2,512	2,051
48	31	96 139	52 958,984	1 370 626,339	25,881	25,421	98	81	1 180	349,264	830,636	2,378	1,918
49	32	95 856	52 151,102	1 317 667,354	25,266	24,806	99	82	734	214,486	481,371	2,244	1,784
							100	83	433	125,024	266,885	2,135	1,674

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	51 355,995	1 268 710,637	24,704	24,244
1							51	33	95 236	50 542,000	1 217 354,642	24,086	23,626
2							52	34	94 862	49 722,001	1 166 812,642	23,467	23,006
3							53	35	94 446	48 893,241	1 117 090,641	22,848	22,387
4							54	36	93 976	48 049,197	1 068 197,401	22,231	21,771
5							55	37	93 461	47 195,805	1 020 148,204	21,615	21,155
6							56	38	92 883	46 324,660	972 952,399	21,003	20,543
7							57	39	92 243	45 437,771	926 627,739	20,393	19,933
8							58	40	91 531	44 530,559	881 189,967	19,788	19,328
9							59	41	90 767	43 613,465	836 659,408	19,184	18,723
10							60	42	89 912	42 669,423	793 045,943	18,586	18,125
11							61	43	88 981	41 706,321	750 376,520	17,992	17,532
12							62	44	87 960	40 718,587	708 670,200	17,404	16,944
13							63	45	86 844	39 705,627	667 951,613	16,823	16,362
14							64	46	85 627	38 665,774	628 245,986	16,248	15,788
15							65	47	84 316	37 604,110	589 580,212	15,679	15,218
16							66	48	82 914	36 522,172	551 976,102	15,113	14,653
17							67	49	81 398	35 411,498	515 453,931	14,556	14,096
18	0	99 448	79 521,845	3 354 011,745	42,177	41,717	68	50	79 791	34 284,141	480 042,433	14,002	13,541
19	1	99 122	78 282,737	3 274 489,899	41,829	41,369	69	51	78 080	33 134,695	445 758,292	13,453	12,993
20	2	99 060	77 267,895	3 196 207,162	41,365	40,905	70	52	76 275	31 969,157	412 623,596	12,907	12,447
21	3	99 006	76 272,457	3 118 939,267	40,892	40,432	71	53	74 394	30 795,666	380 654,440	12,361	11,900
22	4	98 957	75 292,846	3 042 666,811	40,411	39,951	72	54	72 359	29 583,471	349 858,773	11,826	11,366
23	5	98 906	74 325,287	2 967 373,965	39,924	39,464	73	55	70 263	28 371,925	320 275,303	11,288	10,828
24	6	98 858	73 371,860	2 893 048,678	39,430	38,970	74	56	68 025	27 129,089	291 903,377	10,760	10,299
25	7	98 805	72 427,551	2 819 676,818	38,931	38,471	75	57	65 681	25 870,842	264 774,289	10,234	9,774
26	8	98 757	71 498,384	2 747 249,266	38,424	37,964	76	58	63 194	24 583,906	238 903,447	9,718	9,257
27	9	98 706	70 579,483	2 675 750,883	37,911	37,451	77	59	60 573	23 273,622	214 319,540	9,209	8,748
28	10	98 657	69 673,077	2 605 171,400	37,391	36,931	78	60	57 865	21 958,581	191 045,918	8,700	8,240
29	11	98 605	68 777,264	2 535 498,323	36,865	36,405	79	61	54 994	20 611,403	169 087,338	8,204	7,743
30	12	98 549	67 889,429	2 466 721,059	36,334	35,874	80	62	51 981	19 241,728	148 475,935	7,716	7,256
31	13	98 491	67 011,643	2 398 831,629	35,797	35,337	81	63	48 781	17 834,167	129 234,207	7,246	6,786
32	14	98 427	66 141,145	2 331 819,986	35,255	34,795	82	64	45 437	16 406,718	111 400,040	6,790	6,330
33	15	98 357	65 278,659	2 265 678,841	34,708	34,247	83	65	41 971	14 967,864	94 993,321	6,346	5,886
34	16	98 277	64 420,088	2 200 400,182	34,157	33,697	84	66	38 345	13 506,118	80 025,457	5,925	5,465
35	17	98 195	63 571,938	2 135 980,094	33,599	33,139	85	67	34 605	12 038,085	66 519,339	5,526	5,065
36	18	98 109	62 731,561	2 072 408,156	33,036	32,576	86	68	30 787	10 577,890	54 481,254	5,150	4,690
37	19	98 006	61 892,334	2 009 676,595	32,471	32,010	87	69	26 979	9 154,909	43 903,365	4,796	4,335
38	20	97 892	61 057,215	1 947 784,260	31,901	31,441	88	70	23 226	7 784,263	34 748,455	4,464	4,004
39	21	97 777	60 232,291	1 886 727,045	31,324	30,864	89	71	19 570	6 477,724	26 964,192	4,163	3,702
40	22	97 647	59 409,906	1 826 494,754	30,744	30,284	90	72	16 111	5 267,138	20 486,468	3,889	3,429
41	23	97 510	58 594,002	1 767 084,848	30,158	29,698	91	73	12 960	4 184,613	15 219,330	3,637	3,177
42	24	97 353	57 777,211	1 708 490,847	29,570	29,110	92	74	10 186	3 248,247	11 034,718	3,397	2,937
43	25	97 199	56 973,829	1 650 713,636	28,973	28,513	93	75	7 761	2 444,425	7 786,471	3,185	2,725
44	26	97 025	56 169,792	1 593 739,807	28,374	27,913	94	76	5 742	1 786,209	5 342,045	2,991	2,530
45	27	96 840	55 370,281	1 537 570,015	27,769	27,308	95	77	4 099	1 259,482	3 555,836	2,823	2,363
46	28	96 637	54 572,473	1 482 199,734	27,160	26,700	96	78	2 837	860,937	2 296,354	2,667	2,207
47	29	96 415	53 774,759	1 427 627,261	26,548	26,088	97	79	1 892	566,980	1 435,417	2,532	2,071
48	30	96 167	52 973,965	1 373 852,502	25,934	25,474	98	80	1 223	362,030	868,437	2,399	1,938
49	31	95 887	52 167,900	1 320 878,538	25,320	24,859	99	81	765	223,520	506,408	2,266	1,805
							100	82	454	131,190	282,888	2,156	1,696

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	51 372,537	1 271 632,291	24,753	24,293
1							51	32	95 268	50 558,983	1 220 259,754	24,135	23,675
2							52	33	94 895	49 739,421	1 169 700,771	23,517	23,056
3							53	34	94 482	48 911,915	1 119 961,350	22,898	22,437
4							54	35	94 020	48 071,644	1 071 049,435	22,280	21,820
5							55	36	93 506	47 218,321	1 022 977,791	21,665	21,204
6							56	37	92 929	46 348,063	975 759,470	21,053	20,592
7							57	38	92 294	45 462,963	929 411,407	20,443	19,983
8							58	39	91 591	44 559,552	883 948,445	19,837	19,377
9							59	40	90 824	43 641,095	839 388,893	19,234	18,774
10							60	41	89 978	42 700,720	795 747,798	18,635	18,175
11							61	42	89 053	41 739,999	753 047,077	18,041	17,581
12							62	43	88 039	40 755,091	711 307,079	17,453	16,993
13							63	44	86 926	39 743,218	670 551,988	16,872	16,412
14							64	45	85 719	38 707,411	630 808,770	16,297	15,836
15							65	46	84 416	37 648,693	592 101,360	15,727	15,267
16							66	47	83 022	36 569,689	554 452,667	15,162	14,701
17							67	48	81 521	35 465,303	517 882,978	14,603	14,142
18							68	49	79 926	34 341,975	482 417,675	14,047	13,587
19	0	99 410	78 509,777	3 277 892,433	41,751	41,291	69	50	78 224	33 195,905	448 075,700	13,498	13,038
20	1	99 082	77 285,084	3 199 382,656	41,397	40,937	70	51	76 434	32 035,679	414 879,795	12,951	12,490
21	2	99 019	76 282,481	3 122 097,572	40,928	40,468	71	52	74 558	30 863,703	382 844,116	12,404	11,944
22	3	98 966	75 300,354	3 045 815,091	40,449	39,988	72	53	72 539	29 656,978	351 980,413	11,868	11,408
23	4	98 915	74 332,129	2 970 514,738	39,963	39,502	73	54	70 457	28 450,285	322 323,435	11,329	10,869
24	5	98 864	73 376,845	2 896 182,609	39,470	39,010	74	55	68 237	27 213,788	293 873,150	10,799	10,338
25	6	98 812	72 432,840	2 822 805,763	38,971	38,511	75	56	65 904	25 958,623	266 659,361	10,272	9,812
26	7	98 762	71 501,789	2 750 372,923	38,466	38,005	76	57	63 432	24 676,599	240 700,738	9,754	9,294
27	8	98 713	70 584,570	2 678 871,134	37,953	37,492	77	58	60 827	23 371,163	216 024,139	9,243	8,783
28	9	98 662	69 676,781	2 608 286,564	37,434	36,974	78	59	58 135	22 060,821	192 652,976	8,733	8,272
29	10	98 611	68 781,088	2 538 609,784	36,909	36,448	79	60	55 277	20 717,618	170 592,155	8,234	7,774
30	11	98 557	67 894,651	2 469 828,696	36,377	35,917	80	61	52 273	19 349,820	149 874,537	7,746	7,285
31	12	98 497	67 015,878	2 401 934,045	35,841	35,381	81	62	49 081	17 944,019	130 524,718	7,274	6,814
32	13	98 434	66 146,373	2 334 918,166	35,299	34,839	82	63	45 747	16 518,386	112 580,699	6,815	6,355
33	14	98 367	65 284,681	2 268 771,793	34,752	34,292	83	64	42 284	15 079,586	96 062,313	6,370	5,910
34	15	98 288	64 427,547	2 203 487,112	34,201	33,741	84	65	38 655	13 615,227	80 982,727	5,948	5,488
35	16	98 208	63 580,066	2 139 059,565	33,644	33,183	85	66	34 910	12 144,443	67 367,501	5,547	5,087
36	17	98 121	62 739,696	2 075 479,499	33,081	32,620	86	67	31 078	10 677,812	55 223,058	5,172	4,711
37	18	98 022	61 902,382	2 012 739,803	32,515	32,054	87	68	27 257	9 249,289	44 545,246	4,816	4,356
38	19	97 908	61 067,253	1 950 837,421	31,946	31,485	88	69	23 498	7 875,192	35 295,957	4,482	4,022
39	20	97 793	60 242,152	1 889 770,168	31,370	30,909	89	70	19 818	6 560,065	27 420,765	4,180	3,720
40	21	97 664	59 419,995	1 829 528,016	30,790	30,329	90	71	16 337	5 340,920	20 860,700	3,906	3,445
41	22	97 526	58 603,834	1 770 108,021	30,205	29,744	91	72	13 157	4 248,113	15 519,780	3,653	3,193
42	23	97 369	57 786,662	1 711 504,187	29,618	29,157	92	73	10 359	3 303,535	11 271,667	3,412	2,952
43	24	97 215	56 983,189	1 653 717,525	29,021	28,561	93	74	7 905	2 489,719	7 968,132	3,200	2,740
44	25	97 044	56 180,715	1 596 734,336	28,421	27,961	94	75	5 860	1 822,886	5 478,414	3,005	2,545
45	26	96 857	55 380,152	1 540 553,621	27,818	27,357	95	76	4 192	1 288,010	3 655,528	2,838	2,378
46	27	96 658	54 583,921	1 485 173,469	27,209	26,749	96	77	2 907	882,052	2 367,519	2,684	2,224
47	28	96 438	53 787,560	1 430 589,548	26,597	26,137	97	78	1 945	582,837	1 485,466	2,549	2,088
48	29	96 190	52 987,040	1 376 801,988	25,984	25,523	98	79	1 262	373,538	902,629	2,416	1,956
49	30	95 914	52 182,657	1 323 814,948	25,369	24,908	99	80	793	231,690	529,091	2,284	1,823
							100	81	474	136,716	297,401	2,175	1,715

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	51 387,069	1 274 302,748	24,798	24,338
1							51	31	95 298	50 575,268	1 222 915,679	24,180	23,720
2							52	32	94 927	49 756,134	1 172 340,411	23,562	23,101
3							53	33	94 516	48 929,051	1 122 584,276	22,943	22,483
4							54	34	94 056	48 090,004	1 073 655,225	22,326	21,866
5							55	35	93 549	47 240,379	1 025 565,221	21,710	21,249
6							56	36	92 974	46 370,175	978 324,842	21,098	20,638
7							57	37	92 341	45 485,930	931 954,667	20,489	20,028
8							58	38	91 642	44 584,256	886 468,737	19,883	19,423
9							59	39	90 884	43 669,509	841 884,481	19,279	18,818
10							60	40	90 035	42 727,772	798 214,972	18,681	18,221
11							61	41	89 118	41 770,614	755 487,200	18,087	17,626
12							62	42	88 110	40 788,001	713 716,585	17,498	17,038
13							63	43	87 004	39 778,847	672 928,585	16,917	16,456
14							64	44	85 800	38 744,057	633 149,737	16,342	15,881
15							65	45	84 507	37 689,234	594 405,681	15,771	15,311
16							66	46	83 120	36 613,046	556 716,447	15,205	14,745
17							67	47	81 627	35 511,445	520 103,401	14,646	14,186
18							68	48	80 047	34 394,155	484 591,956	14,089	13,629
19							69	49	78 356	33 251,903	450 197,801	13,539	13,079
20	0	99 370	77 509,231	3 202 513,123	41,318	40,857	70	50	76 575	32 094,859	416 945,898	12,991	12,531
21	1	99 041	76 299,450	3 125 003,892	40,957	40,497	71	51	74 713	30 927,925	384 851,039	12,443	11,983
22	2	98 979	75 310,249	3 048 704,441	40,482	40,022	72	52	72 699	29 722,499	353 923,114	11,908	11,447
23	3	98 925	74 339,541	2 973 394,192	39,997	39,537	73	53	70 632	28 520,977	324 200,615	11,367	10,907
24	4	98 873	73 383,600	2 899 054,651	39,505	39,045	74	54	68 426	27 288,950	295 679,638	10,835	10,375
25	5	98 819	72 437,762	2 825 671,050	39,008	38,548	75	55	66 109	26 039,669	268 390,689	10,307	9,847
26	6	98 769	71 507,010	2 753 233,289	38,503	38,043	76	56	63 647	24 760,328	242 351,020	9,788	9,327
27	7	98 718	70 587,932	2 681 726,278	37,991	37,531	77	57	61 057	23 459,283	217 590,692	9,275	8,815
28	8	98 669	69 681,802	2 611 138,347	37,472	37,012	78	58	58 378	22 153,279	194 131,409	8,763	8,303
29	9	98 616	68 784,744	2 541 456,544	36,948	36,488	79	59	55 535	20 814,080	171 978,130	8,263	7,802
30	10	98 562	67 898,426	2 472 671,800	36,417	35,957	80	60	52 543	19 449,534	151 164,050	7,772	7,312
31	11	98 505	67 021,033	2 404 773,375	35,881	35,420	81	61	49 357	18 044,821	131 714,516	7,299	6,839
32	12	98 441	66 150,554	2 337 752,342	35,340	34,879	82	62	46 029	16 620,133	113 669,695	6,839	6,379
33	13	98 374	65 289,841	2 271 601,788	34,793	34,332	83	63	42 572	15 182,220	97 049,563	6,392	5,932
34	14	98 298	64 433,491	2 206 311,947	34,242	33,781	84	64	38 944	13 716,852	81 867,343	5,968	5,508
35	15	98 219	63 587,428	2 141 878,456	33,684	33,224	85	65	35 192	12 242,551	68 150,491	5,567	5,106
36	16	98 134	62 747,717	2 078 291,028	33,121	32,661	86	66	31 353	10 772,152	55 907,940	5,190	4,730
37	17	98 035	61 910,409	2 015 543,311	32,556	32,095	87	67	27 514	9 336,661	45 135,788	4,834	4,374
38	18	97 924	61 077,167	1 953 632,901	31,986	31,526	88	68	23 740	7 956,378	35 799,127	4,499	4,039
39	19	97 809	60 252,055	1 892 555,734	31,411	30,950	89	69	20 050	6 636,694	27 842,748	4,195	3,735
40	20	97 680	59 429,723	1 832 303,679	30,831	30,371	90	70	16 545	5 408,810	21 206,054	3,921	3,460
41	21	97 543	58 613,786	1 772 873,957	30,247	29,786	91	71	13 341	4 307,621	15 797,244	3,667	3,207
42	22	97 385	57 796,359	1 714 260,170	29,660	29,200	92	72	10 516	3 353,665	11 489,624	3,426	2,966
43	23	97 231	56 992,511	1 656 463,811	29,065	28,604	93	73	8 039	2 532,096	8 135,958	3,213	2,753
44	24	97 060	56 189,945	1 599 471,300	28,465	28,005	94	74	5 969	1 856,662	5 603,863	3,018	2,558
45	25	96 876	55 390,920	1 543 281,355	27,862	27,401	95	75	4 278	1 314,456	3 747,200	2,851	2,390
46	26	96 675	54 593,652	1 487 890,434	27,254	26,794	96	76	2 973	902,031	2 432,744	2,697	2,237
47	27	96 458	53 798,844	1 433 296,782	26,642	26,181	97	77	1 992	597,132	1 530,713	2,563	2,103
48	28	96 213	52 999,653	1 379 497,938	26,028	25,568	98	78	1 297	383,985	933,581	2,431	1,971
49	29	95 938	52 195,537	1 326 498,285	25,414	24,954	99	79	818	239,055	549,596	2,299	1,839
							100	80	491	141,713	310,541	2,191	1,731

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	51 399,753	1 276 741,829	24,839	24,379
1							51	30	95 325	50 589,574	1 225 342,076	24,221	23,761
2							52	31	94 957	49 772,161	1 174 752,502	23,603	23,142
3							53	32	94 547	48 945,492	1 124 980,340	22,984	22,524
4							54	33	94 089	48 106,852	1 076 034,848	22,368	21,907
5							55	34	93 585	47 258,422	1 027 927,996	21,751	21,291
6							56	35	93 017	46 391,837	980 669,573	21,139	20,678
7							57	36	92 385	45 507,631	934 277,737	20,530	20,070
8							58	37	91 688	44 606,779	888 770,106	19,925	19,464
9							59	38	90 934	43 693,720	844 163,326	19,320	18,860
10							60	39	90 094	42 755,591	800 469,607	18,722	18,262
11							61	40	89 175	41 797,077	757 714,016	18,128	17,668
12							62	41	88 174	40 817,918	715 916,939	17,539	17,079
13							63	42	87 074	39 810,969	675 099,021	16,958	16,497
14							64	43	85 877	38 778,791	635 288,052	16,382	15,922
15							65	44	84 587	37 724,916	596 509,261	15,812	15,352
16							66	45	83 210	36 652,472	558 784,345	15,245	14,785
17							67	46	81 724	35 553,547	522 131,874	14,686	14,225
18							68	47	80 151	34 438,904	486 578,327	14,129	13,668
19							69	48	78 475	33 302,427	452 139,423	13,577	13,116
20							70	49	76 704	32 149,000	418 836,996	13,028	12,568
21	0	99 329	76 520,739	3 127 884,238	40,876	40,416	71	50	74 851	30 985,058	386 687,996	12,480	12,019
22	1	99 001	75 327,003	3 051 363,500	40,508	40,048	72	51	72 850	29 784,346	355 702,938	11,943	11,482
23	2	98 938	74 349,311	2 976 036,497	40,028	39,567	73	52	70 788	28 583,988	325 918,592	11,402	10,942
24	3	98 883	73 390,917	2 901 687,186	39,537	39,077	74	53	68 596	27 356,755	297 334,604	10,869	10,408
25	4	98 828	72 444,431	2 828 296,268	39,041	38,581	75	54	66 292	26 111,587	269 977,848	10,339	9,879
26	5	98 775	71 511,869	2 755 851,838	38,537	38,077	76	55	63 846	24 837,632	243 866,261	9,818	9,358
27	6	98 725	70 593,086	2 684 339,969	38,026	37,565	77	56	61 264	23 538,882	219 028,629	9,305	8,845
28	7	98 674	69 685,121	2 613 746,883	37,508	37,048	78	57	58 598	22 236,807	195 489,747	8,791	8,331
29	8	98 623	68 789,702	2 544 061,761	36,983	36,523	79	58	55 767	20 901,313	173 252,940	8,289	7,829
30	9	98 568	67 902,035	2 475 272,060	36,454	35,993	80	59	52 787	19 540,092	152 351,627	7,797	7,336
31	10	98 510	67 024,759	2 407 370,025	35,918	35,457	81	60	49 612	18 137,810	132 811,536	7,322	6,862
32	11	98 448	66 155,641	2 340 345,266	35,376	34,916	82	61	46 287	16 713,497	114 673,726	6,861	6,401
33	12	98 381	65 293,968	2 274 189,625	34,830	34,370	83	62	42 834	15 275,737	97 960,228	6,413	5,952
34	13	98 305	64 438,584	2 208 895,657	34,279	33,819	84	63	39 209	13 810,212	82 684,491	5,987	5,527
35	14	98 228	63 593,294	2 144 457,073	33,721	33,261	85	64	35 455	12 333,930	68 874,280	5,584	5,124
36	15	98 145	62 754,983	2 080 863,779	33,159	32,698	86	65	31 606	10 859,174	56 540,349	5,207	4,746
37	16	98 047	61 918,325	2 018 108,796	32,593	32,133	87	66	27 757	9 419,151	45 681,175	4,850	4,389
38	17	97 937	61 085,087	1 956 190,471	32,024	31,564	88	67	23 964	8 031,537	36 262,024	4,515	4,055
39	18	97 825	60 261,837	1 895 105,384	31,448	30,987	89	68	20 256	6 705,113	28 230,487	4,210	3,750
40	19	97 696	59 439,493	1 834 843,547	30,869	30,409	90	69	16 738	5 471,991	21 525,374	3,934	3,473
41	20	97 559	58 623,382	1 775 404,055	30,285	29,825	91	70	13 510	4 362,376	16 053,382	3,680	3,220
42	21	97 401	57 806,175	1 716 780,673	29,699	29,239	92	71	10 664	3 400,644	11 691,006	3,438	2,977
43	22	97 247	57 002,075	1 658 974,498	29,104	28,643	93	72	8 161	2 570,520	8 290,363	3,225	2,765
44	23	97 076	56 199,137	1 601 972,424	28,505	28,045	94	73	6 070	1 888,264	5 719,843	3,029	2,569
45	24	96 892	55 400,021	1 545 773,287	27,902	27,442	95	74	4 358	1 338,812	3 831,579	2,862	2,402
46	25	96 694	54 604,268	1 490 373,266	27,294	26,834	96	75	3 034	920,553	2 492,767	2,708	2,248
47	26	96 475	53 808,435	1 435 768,998	26,683	26,223	97	76	2 038	610,657	1 572,214	2,575	2,114
48	27	96 233	53 010,772	1 381 960,563	26,069	25,609	98	77	1 329	393,403	961,557	2,444	1,984
49	28	95 961	52 207,962	1 328 949,791	25,455	24,995	99	78	841	245,741	568,154	2,312	1,852
							100	79	506	146,217	322,414	2,205	1,745

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	28	95 679	51 411,988	1 278 969,054	24,877	24,416
1							51	29	95 349	50 602,061	1 227 557,066	24,259	23,799
2							52	30	94 984	49 786,240	1 176 955,004	23,640	23,180
3							53	31	94 578	48 961,258	1 127 168,764	23,022	22,561
4							54	32	94 121	48 123,017	1 078 207,506	22,405	21,945
5							55	33	93 618	47 274,979	1 030 084,489	21,789	21,329
6							56	34	93 053	46 409,556	982 809,510	21,177	20,716
7							57	35	92 428	45 528,890	936 399,954	20,567	20,107
8							58	36	91 732	44 628,061	890 871,064	19,962	19,502
9							59	37	90 980	43 715,793	846 243,003	19,358	18,897
10							60	38	90 144	42 779,295	802 527,210	18,760	18,299
11							61	39	89 233	41 824,290	759 747,915	18,165	17,705
12							62	40	88 230	40 843,777	717 923,625	17,577	17,117
13							63	41	87 138	39 840,169	677 079,848	16,995	16,535
14							64	42	85 946	38 810,105	637 239,678	16,419	15,959
15							65	43	84 663	37 758,736	598 429,573	15,849	15,388
16							66	44	83 289	36 687,172	560 670,837	15,282	14,822
17							67	45	81 812	35 591,832	523 983,665	14,722	14,262
18							68	46	80 246	34 479,734	488 391,833	14,165	13,704
19							69	47	78 577	33 345,755	453 912,099	13,612	13,152
20							70	48	76 821	32 197,847	420 566,344	13,062	12,602
21							71	49	74 978	31 037,327	388 368,496	12,513	12,053
22	0	99 289	75 545,471	3 054 013,947	40,426	39,966	72	50	72 985	29 839,367	357 331,169	11,975	11,515
23	1	98 960	74 365,851	2 978 468,476	40,052	39,591	73	51	70 935	28 643,466	327 491,802	11,433	10,973
24	2	98 896	73 400,562	2 904 102,625	39,565	39,105	74	52	68 747	27 417,195	298 848,336	10,900	10,440
25	3	98 838	72 451,654	2 830 702,062	39,070	38,610	75	53	66 457	26 176,468	271 431,141	10,369	9,909
26	4	98 785	71 518,452	2 758 250,408	38,567	38,107	76	54	64 022	24 906,231	245 254,674	9,847	9,387
27	5	98 732	70 597,883	2 686 731,956	38,057	37,596	77	55	61 455	23 612,373	220 348,443	9,332	8,872
28	6	98 681	69 690,210	2 616 134,073	37,539	37,079	78	56	58 797	22 312,258	196 736,071	8,817	8,357
29	7	98 628	68 792,978	2 546 443,863	37,016	36,556	79	57	55 978	20 980,121	174 423,813	8,314	7,853
30	8	98 575	67 906,929	2 477 650,885	36,486	36,026	80	58	53 008	19 621,985	153 443,692	7,820	7,360
31	9	98 515	67 028,321	2 409 743,957	35,951	35,491	81	59	49 843	18 222,260	133 821,707	7,344	6,883
32	10	98 454	66 159,319	2 342 715,635	35,410	34,950	82	60	46 526	16 799,626	115 599,446	6,881	6,421
33	11	98 388	65 298,990	2 276 556,316	34,864	34,403	83	61	43 075	15 361,549	98 799,821	6,432	5,971
34	12	98 312	64 442,657	2 211 257,326	34,314	33,853	84	62	39 450	13 895,277	83 438,271	6,005	5,544
35	13	98 236	63 598,321	2 146 814,669	33,756	33,295	85	63	35 696	12 417,878	69 542,994	5,600	5,140
36	14	98 154	62 760,772	2 083 216,348	33,193	32,733	86	64	31 842	10 940,228	57 125,116	5,222	4,761
37	15	98 059	61 925,494	2 020 455,576	32,627	32,167	87	65	27 982	9 495,243	46 184,888	4,864	4,404
38	16	97 949	61 092,897	1 958 530,082	32,058	31,598	88	66	24 176	8 102,497	36 689,645	4,528	4,068
39	17	97 837	60 269,651	1 897 437,185	31,482	31,022	89	67	20 448	6 768,452	28 587,148	4,224	3,763
40	18	97 712	59 449,142	1 837 167,534	30,903	30,443	90	68	16 910	5 528,403	21 818,696	3,947	3,486
41	19	97 575	58 633,019	1 777 718,392	30,319	29,859	91	69	13 668	4 413,334	16 290,294	3,691	3,231
42	20	97 417	57 815,638	1 719 085,372	29,734	29,274	92	70	10 799	3 443,870	11 876,960	3,449	2,988
43	21	97 264	57 011,755	1 661 269,734	29,139	28,679	93	71	8 276	2 606,528	8 433,090	3,235	2,775
44	22	97 092	56 208,567	1 604 257,979	28,541	28,081	94	72	6 162	1 916,918	5 826,562	3,040	2,579
45	23	96 908	55 409,084	1 548 049,412	27,939	27,478	95	73	4 432	1 361,600	3 909,644	2,871	2,411
46	24	96 710	54 613,239	1 492 640,328	27,331	26,871	96	74	3 090	937,610	2 548,044	2,718	2,257
47	25	96 494	53 818,898	1 438 027,089	26,720	26,259	97	75	2 079	623,196	1 610,434	2,584	2,124
48	26	96 251	53 020,222	1 384 208,191	26,107	25,647	98	76	1 359	402,313	987,238	2,454	1,994
49	27	95 981	52 218,915	1 331 187,968	25,492	25,032	99	77	861	251,767	584,925	2,323	1,863
							100	78	521	150,307	333,157	2,217	1,756

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	27	95 699	51 422,774	1 281 001,376	24,911	24,451
							51	28	95 371	50 614,107	1 229 578,602	24,293	23,833
							52	29	95 008	49 798,529	1 178 964,495	23,675	23,214
							53	30	94 605	48 975,107	1 129 165,966	23,056	22,596
							54	31	94 151	48 138,518	1 080 190,859	22,439	21,979
							55	32	93 649	47 290,865	1 032 052,341	21,824	21,363
							56	33	93 085	46 425,815	984 761,476	21,212	20,751
							57	34	92 463	45 546,279	938 335,661	20,602	20,141
							58	35	91 775	44 648,909	892 789,382	19,996	19,535
							59	36	91 023	43 736,649	848 140,473	19,392	18,932
							60	37	90 189	42 800,907	804 403,823	18,794	18,334
							61	38	89 282	41 847,478	761 602,916	18,199	17,739
							62	39	88 288	40 870,369	719 755,438	17,611	17,150
							63	40	87 193	39 865,409	678 885,069	17,029	16,569
							64	41	86 009	38 838,571	639 019,660	16,453	15,993
							65	42	84 732	37 789,226	600 181,089	15,882	15,422
							66	43	83 363	36 720,062	562 391,862	15,316	14,855
							67	44	81 890	35 625,528	525 671,800	14,755	14,295
							68	45	80 333	34 516,863	490 046,272	14,197	13,737
							69	46	78 671	33 385,290	455 529,409	13,645	13,184
							70	47	76 921	32 239,739	422 144,119	13,094	12,634
							71	48	75 092	31 084,486	389 904,380	12,543	12,083
							72	49	73 108	29 889,703	358 819,894	12,005	11,544
							73	50	71 066	28 696,380	328 930,192	11,462	11,002
							74	51	68 890	27 474,245	300 233,812	10,928	10,467
							75	52	66 603	26 234,299	272 759,567	10,397	9,937
							76	53	64 181	24 968,116	246 525,268	9,874	9,413
							77	54	61 625	23 677,587	221 557,152	9,357	8,897
							78	55	58 981	22 381,919	197 879,565	8,841	8,381
							79	56	56 168	21 051,307	175 497,646	8,337	7,876
							80	57	53 208	19 695,969	154 446,339	7,842	7,381
							81	58	50 051	18 298,631	134 750,369	7,364	6,904
							82	59	46 742	16 877,846	116 451,738	6,900	6,439
							83	60	43 297	15 440,711	99 573,893	6,449	5,988
							84	61	39 672	13 973,335	84 133,182	6,021	5,561
							85	62	35 916	12 494,367	70 159,847	5,615	5,155
							86	63	32 059	11 014,689	57 665,480	5,235	4,775
							87	64	28 191	9 566,117	46 650,790	4,877	4,416
							88	65	24 371	8 167,952	37 084,673	4,540	4,080
							89	66	20 628	6 828,252	28 916,721	4,235	3,774
							90	67	17 070	5 580,626	22 088,469	3,958	3,498
							91	68	13 809	4 458,831	16 507,844	3,702	3,242
							92	69	10 925	3 484,099	12 049,012	3,458	2,998
							93	70	8 381	2 639,660	8 564,913	3,245	2,784
							94	71	6 249	1 943,770	5 925,253	3,048	2,588
							95	72	4 499	1 382,262	3 981,483	2,880	2,420
							96	73	3 142	953,569	2 599,221	2,726	2,265
							97	74	2 118	634,743	1 645,652	2,593	2,132
							98	75	1 387	410,574	1 010,909	2,462	2,002
							99	76	881	257,470	600,335	2,332	1,871
							100	77	533	153,993	342,865	2,226	1,766

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	51 431,941	1 282 854,154	24,943	24,482
1							51	27	95 391	50 624,725	1 231 422,213	24,325	23,864
2							52	28	95 030	49 810,383	1 180 797,488	23,706	23,245
3							53	29	94 628	48 987,196	1 130 987,104	23,087	22,627
4							54	30	94 178	48 152,135	1 081 999,909	22,470	22,010
5							55	31	93 679	47 306,097	1 033 847,774	21,854	21,394
6							56	32	93 117	46 441,415	986 541,676	21,243	20,782
7							57	33	92 496	45 562,236	940 100,261	20,633	20,173
8							58	34	91 810	44 665,962	894 538,025	20,027	19,567
9							59	35	91 066	43 757,081	849 872,063	19,423	18,962
10							60	36	90 232	42 821,327	806 114,981	18,825	18,365
11							61	37	89 328	41 868,619	763 293,655	18,231	17,770
12							62	38	88 337	40 893,028	721 425,036	17,642	17,181
13							63	39	87 250	39 891,365	680 532,008	17,060	16,599
14							64	40	86 064	38 863,176	640 640,643	16,485	16,024
15							65	41	84 794	37 816,944	601 777,467	15,913	15,453
16							66	42	83 431	36 749,714	563 960,523	15,346	14,886
17							67	43	81 963	35 657,467	527 210,809	14,785	14,325
18							68	44	80 409	34 549,542	491 553,342	14,227	13,767
19							69	45	78 755	33 421,240	457 003,801	13,674	13,214
20							70	46	77 012	32 277,962	423 582,561	13,123	12,663
21							71	47	75 189	31 124,929	391 304,599	12,572	12,112
22							72	48	73 219	29 935,118	360 179,670	12,032	11,572
23							73	49	71 186	28 744,788	330 244,553	11,489	11,028
24	0	99 205	73 629,819	2 908 571,257	39,503	39,042	74	50	69 018	27 524,998	301 499,765	10,954	10,493
25	1	98 873	72 477,295	2 834 941,437	39,115	38,655	75	51	66 742	26 288,888	273 974,767	10,422	9,961
26	2	98 807	71 534,984	2 762 464,142	38,617	38,157	76	52	64 323	25 023,278	247 685,879	9,898	9,438
27	3	98 751	70 611,422	2 690 929,158	38,109	37,649	77	53	61 778	23 736,420	222 662,601	9,381	8,920
28	4	98 697	69 701,361	2 620 317,736	37,593	37,133	78	54	59 144	22 443,735	198 926,181	8,863	8,403
29	5	98 642	68 802,676	2 550 616,375	37,071	36,611	79	55	56 343	21 117,032	176 482,446	8,357	7,897
30	6	98 586	67 915,122	2 481 813,699	36,543	36,082	80	56	53 389	19 762,799	155 365,414	7,862	7,401
31	7	98 527	67 036,345	2 413 898,577	36,009	35,548	81	57	50 240	18 367,625	135 602,616	7,383	6,922
32	8	98 466	66 167,605	2 346 862,232	35,468	35,008	82	58	46 938	16 948,582	117 234,990	6,917	6,457
33	9	98 399	65 306,091	2 280 694,627	34,923	34,463	83	59	43 498	15 512,604	100 286,409	6,465	6,004
34	10	98 325	64 451,196	2 215 388,536	34,373	33,913	84	60	39 876	14 045,343	84 773,805	6,036	5,575
35	11	98 250	63 607,232	2 150 937,340	33,816	33,356	85	61	36 118	12 564,555	70 728,462	5,629	5,169
36	12	98 168	62 769,700	2 087 330,108	33,254	32,793	86	62	32 256	11 082,536	58 163,907	5,248	4,788
37	13	98 075	61 936,103	2 024 560,407	32,688	32,227	87	63	28 382	9 631,226	47 081,372	4,888	4,428
38	14	97 970	61 105,608	1 962 624,305	32,119	31,658	88	64	24 553	8 228,919	37 450,146	4,551	4,091
39	15	97 861	60 284,336	1 901 518,697	31,543	31,082	89	65	20 795	6 883,413	29 221,227	4,245	3,785
40	16	97 737	59 464,453	1 841 234,361	30,964	30,503	90	66	17 221	5 629,932	22 337,814	3,968	3,507
41	17	97 603	58 650,142	1 781 769,908	30,380	29,919	91	67	13 940	4 500,951	16 707,882	3,712	3,252
42	18	97 449	57 834,530	1 723 119,766	29,794	29,334	92	68	11 038	3 520,017	12 206,931	3,468	3,007
43	19	97 296	57 030,462	1 665 285,235	29,200	28,740	93	69	8 479	2 670,494	8 686,914	3,253	2,793
44	20	97 124	56 227,316	1 608 254,773	28,603	28,142	94	70	6 328	1 968,478	6 016,420	3,056	2,596
45	21	96 940	55 427,793	1 552 027,456	28,001	27,540	95	71	4 562	1 401,625	4 047,942	2,888	2,428
46	22	96 742	54 631,339	1 496 599,664	27,395	26,934	96	72	3 190	968,039	2 646,317	2,734	2,273
47	23	96 526	53 836,546	1 441 968,324	26,784	26,324	97	73	2 154	645,547	1 678,278	2,600	2,139
48	24	96 285	53 039,245	1 388 131,779	26,172	25,711	98	74	1 413	418,182	1 032,731	2,470	2,009
49	25	96 017	52 238,380	1 335 092,534	25,558	25,097	99	75	899	262,757	614,550	2,339	1,878
							100	76	545	157,481	351,793	2,234	1,773

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	51 441,942	1 284 543,920	24,971	24,510
1							51	26	95 408	50 633,750	1 233 101,978	24,353	23,893
2							52	27	95 050	49 820,833	1 182 468,228	23,734	23,274
3							53	28	94 650	48 998,857	1 132 647,395	23,116	22,655
4							54	29	94 201	48 164,020	1 083 648,538	22,499	22,039
5							55	30	93 706	47 319,479	1 035 484,518	21,883	21,422
6							56	31	93 147	46 456,375	988 165,039	21,271	20,810
7							57	32	92 527	45 577,546	941 708,664	20,662	20,201
8							58	33	91 842	44 681,611	896 131,118	20,056	19,596
9							59	34	91 101	43 773,794	851 449,507	19,451	18,991
10							60	35	90 274	42 841,331	807 675,714	18,853	18,392
11							61	36	89 370	41 888,594	764 834,383	18,259	17,798
12							62	37	88 381	40 913,687	722 945,789	17,670	17,210
13							63	38	87 298	39 913,481	682 032,102	17,088	16,627
14							64	39	86 120	38 888,479	642 118,621	16,512	16,051
15							65	40	84 847	37 840,902	603 230,142	15,941	15,481
16							66	41	83 492	36 776,669	565 389,240	15,374	14,913
17							67	42	82 029	35 686,260	528 612,571	14,813	14,352
18							68	43	80 481	34 580,515	492 926,311	14,254	13,794
19							69	44	78 830	33 452,881	458 345,796	13,701	13,241
20							70	45	77 095	32 312,720	424 892,915	13,149	12,689
21							71	46	75 278	31 161,830	392 580,195	12,598	12,138
22							72	47	73 314	29 974,065	361 418,365	12,058	11,597
23							73	48	71 294	28 788,463	331 444,300	11,513	11,053
24							74	49	69 134	27 571,430	302 655,837	10,977	10,517
25	0	99 160	72 687,498	2 837 008,378	39,030	38,570	75	50	66 865	26 337,452	275 084,407	10,445	9,984
26	1	98 829	71 550,897	2 764 320,880	38,634	38,174	76	51	64 457	25 075,347	248 746,955	9,920	9,460
27	2	98 764	70 620,702	2 692 769,983	38,130	37,670	77	52	61 914	23 788,861	223 671,608	9,402	8,942
28	3	98 706	69 708,311	2 622 149,281	37,616	37,156	78	53	59 291	22 499,502	199 882,748	8,884	8,423
29	4	98 651	68 809,010	2 552 440,969	37,095	36,634	79	54	56 499	21 175,354	177 383,246	8,377	7,916
30	5	98 593	67 919,737	2 483 631,959	36,567	36,107	80	55	53 556	19 824,500	156 207,891	7,880	7,419
31	6	98 534	67 041,240	2 415 712,223	36,033	35,573	81	56	50 411	18 429,948	136 383,391	7,400	6,940
32	7	98 471	66 170,756	2 348 670,983	35,494	35,034	82	57	47 115	17 012,486	117 953,444	6,933	6,473
33	8	98 406	65 310,798	2 282 500,226	34,948	34,488	83	58	43 681	15 577,618	100 940,958	6,480	6,019
34	9	98 330	64 454,622	2 217 189,428	34,399	33,939	84	59	40 062	14 110,738	85 363,340	6,050	5,589
35	10	98 255	63 610,768	2 152 734,806	33,842	33,382	85	60	36 304	12 629,303	71 252,602	5,642	5,181
36	11	98 176	62 774,528	2 089 124,038	33,280	32,819	86	61	32 437	11 144,793	58 623,299	5,260	4,800
37	12	98 082	61 940,017	2 026 349,510	32,715	32,254	87	62	28 557	9 690,550	47 478,506	4,899	4,439
38	13	97 978	61 110,438	1 964 409,493	32,145	31,685	88	63	24 720	8 284,926	37 787,956	4,561	4,101
39	14	97 870	60 289,898	1 903 299,055	31,569	31,109	89	64	20 950	6 934,792	29 503,029	4,254	3,794
40	15	97 748	59 471,338	1 843 009,158	30,990	30,529	90	65	17 360	5 675,413	22 568,238	3,976	3,516
41	16	97 616	58 657,641	1 783 537,819	30,406	29,946	91	66	14 063	4 540,718	16 892,825	3,720	3,260
42	17	97 462	57 842,030	1 724 880,178	29,821	29,360	92	67	11 142	3 553,268	12 352,107	3,476	3,016
43	18	97 311	57 039,721	1 667 038,148	29,226	28,766	93	68	8 566	2 698,025	8 798,839	3,261	2,801
44	19	97 140	56 236,560	1 609 998,427	28,629	28,169	94	69	6 402	1 991,472	6 100,814	3,063	2,603
45	20	96 956	55 436,867	1 553 761,867	28,028	27,567	95	70	4 620	1 419,441	4 109,342	2,895	2,435
46	21	96 758	54 640,617	1 498 325,000	27,421	26,961	96	71	3 235	981,599	2 689,901	2,740	2,280
47	22	96 542	53 845,580	1 443 684,384	26,812	26,351	97	72	2 187	655,343	1 708,301	2,607	2,146
48	23	96 301	53 047,921	1 389 838,804	26,200	25,739	98	73	1 437	425,300	1 052,959	2,476	2,015
49	24	96 032	52 246,962	1 336 790,882	25,586	25,126	99	74	915	267,625	627,659	2,345	1,885
							100	75	557	160,715	360,034	2,240	1,780

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	4 467 629,174	44,676	44,215	50	50	94 198	44 744,724	971 478,525	21,712	21,251
1	1	99 373	97 904,625	4 367 629,174	44,611	44,150	51	51	93 723	43 860,792	926 733,801	21,129	20,668
2	2	99 327	96 412,999	4 269 724,549	44,286	43,825	52	52	93 193	42 968,581	882 873,010	20,547	20,086
3	3	99 301	94 963,061	4 173 311,550	43,947	43,486	53	53	92 616	42 071,466	839 904,429	19,964	19,503
4	4	99 279	93 539,248	4 078 348,490	43,600	43,140	54	54	91 970	41 160,345	797 832,963	19,384	18,923
5	5	99 259	92 137,898	3 984 809,241	43,248	42,788	55	55	91 257	40 237,834	756 672,618	18,805	18,344
6	6	99 243	90 761,837	3 892 671,344	42,889	42,428	56	56	90 456	39 295,062	716 434,784	18,232	17,771
7	7	99 227	89 405,949	3 801 909,507	42,524	42,063	57	57	89 579	38 339,051	677 139,723	17,662	17,201
8	8	99 212	88 071,923	3 712 503,558	42,153	41,692	58	58	88 612	37 364,548	638 800,671	17,096	16,636
9	9	99 198	86 757,507	3 624 431,635	41,777	41,316	59	59	87 560	36 375,575	601 436,123	16,534	16,073
10	10	99 184	85 463,972	3 537 674,129	41,394	40,933	60	60	86 397	35 361,938	565 060,549	15,979	15,519
11	11	99 172	84 190,007	3 452 210,156	41,005	40,544	61	61	85 133	34 329,576	529 698,610	15,430	14,969
12	12	99 157	82 933,709	3 368 020,149	40,611	40,150	62	62	83 760	33 277,031	495 369,034	14,886	14,425
13	13	99 142	81 695,691	3 285 086,441	40,211	39,750	63	63	82 269	32 201,567	462 092,003	14,350	13,889
14	14	99 125	80 474,524	3 203 390,750	39,806	39,345	64	64	80 655	31 102,993	429 890,437	13,822	13,361
15	15	99 104	79 268,138	3 122 916,226	39,397	38,936	65	65	78 926	29 986,431	398 787,444	13,299	12,838
16	16	99 077	78 075,510	3 043 648,088	38,983	38,523	66	66	77 091	28 856,616	368 801,013	12,780	12,320
17	17	99 041	76 894,263	2 965 572,578	38,567	38,106	67	67	75 132	27 707,750	339 944,397	12,269	11,808
18	18	99 002	75 727,875	2 888 678,315	38,146	37,685	68	68	73 083	26 553,881	312 236,647	11,759	11,298
19	19	98 948	74 567,839	2 812 950,440	37,723	37,263	69	69	70 917	25 385,980	285 682,766	11,254	10,793
20	20	98 892	73 424,135	2 738 382,601	37,295	36,835	70	70	68 620	24 200,827	260 296,786	10,750	10,295
21	21	98 835	72 297,364	2 664 958,466	36,861	36,400	71	71	66 234	23 013,909	236 095,959	10,259	9,798
22	22	98 778	71 188,032	2 592 661,101	36,420	35,959	72	72	63 690	21 802,951	213 082,050	9,773	9,312
23	23	98 720	70 094,826	2 521 473,070	35,972	35,512	73	73	61 089	20 603,499	191 279,099	9,284	8,823
24	24	98 662	69 018,633	2 451 378,244	35,518	35,057	74	74	58 335	19 383,861	170 675,601	8,805	8,344
25	25	98 601	67 956,341	2 382 359,610	35,057	34,596	75	75	55 488	18 165,286	151 291,740	8,329	7,868
26	26	98 538	66 909,478	2 314 403,269	34,590	34,129	76	76	52 510	16 936,312	133 126,454	7,860	7,400
27	27	98 477	65 879,874	2 247 493,792	34,115	33,654	77	77	49 424	15 705,438	116 190,142	7,398	6,937
28	28	98 412	64 863,481	2 181 613,917	33,634	33,173	78	78	46 298	14 494,857	100 484,704	6,932	6,472
29	29	98 343	63 860,148	2 116 750,436	33,147	32,686	79	79	43 025	13 270,849	85 989,847	6,480	6,019
30	30	98 271	62 869,846	2 052 890,288	32,653	32,192	80	80	39 636	12 044,997	72 718,998	6,037	5,576
31	31	98 191	61 890,517	1 990 020,442	32,154	31,693	81	81	36 105	10 809,882	60 674,001	5,613	5,152
32	32	98 103	60 921,277	1 928 129,925	31,650	31,189	82	82	32 491	9 584,027	49 864,119	5,203	4,742
33	33	98 010	59 964,147	1 867 208,648	31,139	30,678	83	83	28 815	8 374,070	40 280,092	4,810	4,349
34	34	97 907	59 015,882	1 807 244,501	30,623	30,162	84	84	25 074	7 179,139	31 906,022	4,444	3,983
35	35	97 801	58 080,682	1 748 228,619	30,100	29,639	85	85	21 372	6 028,685	24 726,883	4,102	3,641
36	36	97 682	57 152,445	1 690 147,937	29,573	29,112	86	86	17 779	4 941,185	18 698,197	3,784	3,323
37	37	97 549	56 231,274	1 632 995,492	29,041	28,580	87	87	14 398	3 942,378	13 757,013	3,490	3,029
38	38	97 402	55 317,060	1 576 764,218	28,504	28,043	88	88	11 298	3 047,709	9 814,635	3,220	2,760
39	39	97 249	54 414,025	1 521 447,158	27,961	27,500	89	89	8 548	2 271,788	6 766,926	2,979	2,518
40	40	97 074	53 513,136	1 467 033,133	27,414	26,954	90	90	6 217	1 627,815	4 495,138	2,761	2,301
41	41	96 892	52 623,716	1 413 519,996	26,861	26,400	91	91	4 330	1 116,979	2 867,322	2,567	2,106
42	42	96 681	51 732,864	1 360 896,281	26,306	25,845	92	92	2 887	733,671	1 750,343	2,386	1,925
43	43	96 466	50 855,173	1 309 163,417	25,743	25,282	93	93	1 819	455,529	1 016,673	2,232	1,771
44	44	96 226	49 978,914	1 258 308,243	25,177	24,716	94	94	1 086	267,888	561,144	2,095	1,634
45	45	95 968	49 108,442	1 208 329,330	24,605	24,145	95	95	611	148,479	293,256	1,975	1,514
46	46	95 685	48 239,827	1 159 220,888	24,030	23,570	96	96	323	77,355	144,777	1,872	1,411
47	47	95 375	47 372,724	1 110 981,061	23,452	22,991	97	97	160	37,648	67,422	1,791	1,330
48	48	95 029	46 503,309	1 063 608,337	22,872	22,411	98	98	75	17,450	29,774	1,706	1,246
49	49	94 635	45 626,503	1 017 105,028	22,292	21,831	99	99	33	7,586	12,325	1,625	1,164
							100	100	13	3,040	4,739	1,559	1,098

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	4 454 224,472	44,671	44,211	50	51	94 025	44 662,219	959 433,286	21,482	21,021
1	2	99 351	97 882,850	4 354 513,659	44,487	44,026	51	52	93 528	43 769,715	914 771,067	20,900	20,439
2	3	99 314	96 400,330	4 256 630,809	44,156	43,695	52	53	92 988	42 873,860	871 001,352	20,315	19,855
3	4	99 291	94 953,593	4 160 230,479	43,813	43,353	53	54	92 387	41 967,188	828 127,493	19,733	19,272
4	5	99 270	93 530,638	4 065 276,886	43,465	43,004	54	55	91 717	41 046,979	786 160,304	19,153	18,692
5	6	99 252	92 131,637	3 971 746,249	43,109	42,649	55	56	90 973	40 112,598	745 113,326	18,576	18,115
6	7	99 236	90 755,210	3 879 614,611	42,748	42,287	56	57	90 150	39 162,182	705 000,728	18,002	17,541
7	8	99 222	89 401,690	3 788 859,401	42,380	41,919	57	58	89 242	38 195,039	665 838,546	17,433	16,972
8	9	99 205	88 065,576	3 699 457,711	42,008	41,547	58	59	88 242	37 208,604	626 633,507	16,868	16,407
9	10	99 192	86 752,895	3 611 392,135	41,628	41,168	59	60	87 154	36 206,993	590 434,903	16,307	15,846
10	11	99 179	85 459,221	3 524 639,240	41,244	40,783	60	61	85 954	35 180,645	554 227,909	15,754	15,293
11	12	99 164	84 183,532	3 439 180,019	40,853	40,393	61	62	84 657	34 137,805	519 047,265	15,204	14,744
12	13	99 151	82 928,468	3 354 996,486	40,457	39,996	62	63	83 248	33 073,312	484 909,460	14,662	14,201
13	14	99 134	81 689,234	3 272 068,019	40,055	39,594	63	64	81 713	31 983,878	451 836,148	14,127	13,666
14	15	99 116	80 467,101	3 190 378,785	39,648	39,187	64	65	80 057	30 872,557	419 852,270	13,600	13,139
15	16	99 092	79 258,961	3 109 911,685	39,237	38,777	65	66	78 293	29 746,129	388 979,714	13,077	12,616
16	17	99 064	78 065,528	3 030 652,724	38,822	38,361	66	67	76 416	28 603,897	359 233,585	12,559	12,098
17	18	99 029	76 884,294	2 952 587,195	38,403	37,942	67	68	74 429	27 448,463	330 629,688	12,045	11,585
18	19	98 986	75 715,583	2 875 702,902	37,980	37,520	68	69	72 338	26 282,926	303 181,225	11,535	11,074
19	20	98 932	74 555,582	2 799 987,319	37,556	37,095	69	70	70 098	25 092,866	276 898,300	11,035	10,574
20	21	98 875	73 412,117	2 725 431,736	37,125	36,664	70	71	67 759	23 897,064	251 805,434	10,537	10,076
21	22	98 818	72 285,088	2 652 019,619	36,688	36,228	71	72	65 319	22 695,983	227 908,369	10,042	9,581
22	23	98 761	71 176,088	2 579 734,531	36,244	35,784	72	73	62 738	21 477,043	205 212,386	9,555	9,094
23	24	98 704	70 083,362	2 508 558,443	35,794	35,333	73	74	60 066	20 258,678	183 735,343	9,069	8,609
24	25	98 646	69 007,296	2 438 475,082	35,336	34,876	74	75	57 274	19 031,227	163 476,666	8,590	8,129
25	26	98 582	67 943,129	2 369 467,786	34,874	34,413	75	76	54 371	17 799,800	144 445,439	8,115	7,654
26	27	98 521	66 897,552	2 301 524,657	34,404	33,943	76	77	51 346	16 561,193	126 645,638	7,647	7,186
27	28	98 457	65 866,056	2 234 627,105	33,927	33,466	77	78	48 241	15 329,474	110 084,445	7,181	6,720
28	29	98 389	64 848,044	2 168 761,049	33,444	32,983	78	79	45 039	14 100,488	94 754,971	6,720	6,259
29	30	98 319	63 844,390	2 103 913,004	32,954	32,493	79	80	41 699	12 861,995	80 654,482	6,271	5,810
30	31	98 243	62 852,067	2 040 068,614	32,458	31,997	80	81	38 238	11 620,273	67 792,487	5,834	5,373
31	32	98 159	61 870,588	1 977 216,547	31,957	31,496	81	82	34 646	10 372,998	56 172,215	5,415	4,954
32	33	98 070	60 900,813	1 915 345,959	31,450	30,989	82	83	30 964	9 133,556	45 799,217	5,014	4,554
33	34	97 976	59 943,146	1 854 445,146	30,937	30,476	83	84	27 224	7 911,856	36 665,661	4,634	4,173
34	35	97 870	58 993,350	1 794 502,000	30,419	29,958	84	85	23 474	6 721,196	28 753,805	4,278	3,817
35	36	97 755	58 053,562	1 735 508,650	29,895	29,434	85	86	19 797	5 584,409	22 032,609	3,945	3,485
36	37	97 635	57 125,192	1 677 455,088	29,365	28,904	86	87	16 263	4 519,808	16 448,200	3,639	3,178
37	38	97 499	56 202,881	1 620 329,897	28,830	28,369	87	88	12 971	3 551,709	11 928,392	3,358	2,898
38	39	97 348	55 286,409	1 564 127,016	28,291	27,831	88	89	10 018	2 702,391	8 376,683	3,100	2,639
39	40	97 186	54 378,621	1 508 840,607	27,747	27,286	89	90	7 447	1 979,168	5 674,292	2,867	2,406
40	41	97 012	53 479,256	1 454 461,986	27,197	26,736	90	91	5 302	1 388,336	3 695,125	2,662	2,201
41	42	96 821	52 585,146	1 400 982,731	26,642	26,181	91	92	3 611	931,641	2 306,789	2,476	2,015
42	43	96 603	51 691,123	1 348 397,585	26,086	25,625	92	93	2 344	595,780	1 375,148	2,308	1,847
43	44	96 380	50 809,623	1 296 706,462	25,521	25,060	93	94	1 438	360,115	779,368	2,164	1,703
44	45	96 135	49 931,641	1 245 896,839	24,952	24,491	94	95	837	206,419	419,253	2,031	1,570
45	46	95 865	49 055,618	1 195 965,198	24,380	23,919	95	96	456	110,728	212,834	1,922	1,461
46	47	95 572	48 182,702	1 146 909,581	23,803	23,343	96	97	233	55,749	102,106	1,832	1,371
47	48	95 251	47 311,169	1 098 726,878	23,223	22,763	97	98	113	26,551	46,358	1,746	1,285
48	49	94 884	46 432,758	1 051 415,709	22,644	22,183	98	99	51	11,883	19,806	1,667	1,206
49	50	94 476	45 549,665	1 004 982,951	22,063	21,603	99	100	22	4,982	7,923	1,590	1,130

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	4 440 142,189	44,540	44,079	50	52	93 830	44 569,478	946 522,668	21,237	20,776
1	3	99 338	97 869,988	4 340 453,553	44,349	43,888	51	53	93 322	43 673,228	901 953,190	20,652	20,192
2	4	99 304	96 390,719	4 242 583,565	44,014	43,554	52	54	92 757	42 767,594	858 279,963	20,068	19,608
3	5	99 282	94 944,852	4 146 192,846	43,669	43,209	53	55	92 132	41 851,599	815 512,369	19,486	19,025
4	6	99 263	93 524,283	4 051 247,994	43,318	42,857	54	56	91 431	40 919,225	773 660,770	18,907	18,446
5	7	99 245	92 124,910	3 957 723,711	42,960	42,500	55	57	90 665	39 976,954	732 741,545	18,329	17,868
6	8	99 231	90 750,887	3 865 598,801	42,596	42,135	56	58	89 811	39 015,077	692 764,591	17,756	17,296
7	9	99 215	89 395,247	3 774 847,914	42,226	41,766	57	59	88 870	38 035,629	653 749,514	17,188	16,727
8	10	99 200	88 060,895	3 685 452,666	41,851	41,390	58	60	87 833	37 036,162	615 713,885	16,625	16,164
9	11	99 187	86 748,072	3 597 391,771	41,469	41,009	59	61	86 708	36 021,367	578 677,723	16,065	15,604
10	12	99 171	85 452,649	3 510 643,698	41,083	40,622	60	62	85 474	34 984,119	542 656,356	15,512	15,051
11	13	99 158	84 178,212	3 425 191,050	40,690	40,229	61	63	84 139	33 928,816	507 672,237	14,963	14,502
12	14	99 143	82 921,913	3 341 012,837	40,291	39,830	62	64	82 685	32 849,730	473 743,420	14,422	13,961
13	15	99 125	81 681,698	3 258 090,925	39,888	39,427	63	65	81 108	31 746,916	440 893,691	13,888	13,427
14	16	99 104	80 457,785	3 176 409,227	39,479	39,018	64	66	79 415	30 625,154	409 146,775	13,360	12,899
15	17	99 079	79 248,828	3 095 951,442	39,066	38,605	65	67	77 607	29 485,619	378 521,621	12,837	12,377
16	18	99 051	78 055,407	3 016 702,614	38,648	38,187	66	68	75 701	28 336,223	349 036,002	12,318	11,857
17	19	99 012	76 871,814	2 938 647,207	38,228	37,767	67	69	73 670	27 168,380	320 699,779	11,804	11,343
18	20	98 970	75 703,138	2 861 775,393	37,803	37,342	68	70	71 502	25 979,455	293 531,399	11,299	10,838
19	21	98 915	74 543,379	2 786 072,255	37,375	36,914	69	71	69 218	24 777,906	267 551,944	10,798	10,337
20	22	98 859	73 399,652	2 711 528,876	36,942	36,481	70	72	66 823	23 566,938	242 774,037	10,301	9,841
21	23	98 801	72 272,960	2 638 129,224	36,502	36,042	71	73	64 342	22 356,726	219 207,099	9,805	9,344
22	24	98 745	71 164,446	2 565 856,264	36,055	35,595	72	74	61 688	21 117,602	196 850,373	9,322	8,861
23	25	98 688	70 071,849	2 494 691,817	35,602	35,141	73	75	58 974	19 890,129	175 732,771	8,835	8,374
24	26	98 627	68 993,880	2 424 619,968	35,143	34,682	74	76	56 121	18 648,319	155 842,642	8,357	7,896
25	27	98 564	67 931,019	2 355 626,089	34,677	34,216	75	77	53 167	17 405,556	137 194,322	7,882	7,421
26	28	98 500	66 883,520	2 287 695,070	34,204	33,743	76	78	50 117	16 164,744	119 788,767	7,410	6,950
27	29	98 433	65 850,381	2 220 811,549	33,725	33,264	77	79	46 928	14 912,398	103 624,023	6,949	6,488
28	30	98 365	64 832,042	2 154 961,168	33,239	32,778	78	80	43 651	13 666,075	88 711,625	6,491	6,031
29	31	98 291	63 826,336	2 090 129,126	32,747	32,286	79	81	40 229	12 408,462	75 045,550	6,048	5,587
30	32	98 211	62 831,828	2 026 302,791	32,250	31,789	80	82	36 693	11 150,636	62 637,088	5,617	5,157
31	33	98 126	61 849,805	1 963 470,962	31,746	31,285	81	83	33 018	9 885,443	51 486,452	5,208	4,748
32	34	98 036	60 879,484	1 901 621,157	31,236	30,775	82	84	29 255	8 629,421	41 601,009	4,821	4,360
33	35	97 938	59 920,260	1 840 741,673	30,720	30,259	83	85	25 488	7 407,174	32 971,588	4,451	3,991
34	36	97 824	58 965,804	1 780 821,413	30,201	29,740	84	86	21 744	6 225,886	25 564,414	4,106	3,645
35	37	97 709	58 025,878	1 721 855,609	29,674	29,213	85	87	18 108	5 108,179	19 338,527	3,786	3,325
36	38	97 586	57 096,347	1 663 829,731	29,141	28,680	86	88	14 651	4 071,918	14 230,348	3,495	3,034
37	39	97 445	56 171,739	1 606 733,384	28,604	28,143	87	89	11 502	3 149,286	10 158,430	3,226	2,765
38	40	97 285	55 250,437	1 550 561,645	28,064	27,603	88	90	8 727	2 354,306	7 009,144	2,977	2,516
39	41	97 124	54 344,192	1 495 311,208	27,516	27,055	89	91	6 351	1 687,998	4 654,838	2,758	2,297
40	42	96 941	53 440,058	1 440 967,016	26,964	26,503	90	92	4 422	1 157,972	2 966,839	2,562	2,101
41	43	96 743	52 542,717	1 387 526,958	26,408	25,947	91	93	2 933	756,543	1 808,867	2,391	1,930
42	44	96 516	51 644,824	1 334 984,241	25,849	25,389	92	94	1 853	470,989	1 052,325	2,234	1,773
43	45	96 289	50 761,564	1 283 339,417	25,282	24,821	93	95	1 108	277,484	581,336	2,095	1,634
44	46	96 032	49 877,932	1 232 577,852	24,712	24,251	94	96	624	153,936	303,852	1,974	1,513
45	47	95 752	48 997,526	1 182 699,921	24,138	23,677	95	97	328	79,800	149,916	1,879	1,418
46	48	95 447	48 120,095	1 133 702,394	23,560	23,099	96	98	164	39,317	70,116	1,783	1,323
47	49	95 106	47 239,393	1 085 582,299	22,980	22,520	97	99	77	18,081	30,798	1,703	1,243
48	50	94 725	46 354,562	1 038 342,906	22,400	21,939	98	100	34	7,804	12,717	1,630	1,169
49	51	94 302	45 465,676	991 988,344	21,818	21,358							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	4 425 085,057	44,395	43,934	50	53	93 623	44 471,228	932 728,121	20,974	20,513
1	4	99 328	97 860,230	4 325 409,521	44,200	43,739	51	54	93 091	43 564,980	888 256,893	20,389	19,928
2	5	99 295	96 381,846	4 227 549,291	43,863	43,402	52	55	92 502	42 649,800	844 691,913	19,805	19,344
3	6	99 275	94 938,401	4 131 167,445	43,514	43,053	53	56	91 846	41 721,341	802 042,113	19,224	18,763
4	7	99 256	93 517,454	4 036 229,044	43,160	42,699	54	57	91 122	40 780,853	760 320,772	18,644	18,183
5	8	99 240	92 120,523	3 942 711,589	42,799	42,339	55	58	90 325	39 826,789	719 539,919	18,067	17,606
6	9	99 224	90 744,347	3 850 591,067	42,433	41,973	56	59	89 436	38 852,245	679 713,130	17,495	17,034
7	10	99 210	89 390,496	3 759 846,720	42,061	41,600	57	60	88 458	37 859,354	640 860,885	16,927	16,467
8	11	99 194	88 056,000	3 670 456,224	41,683	41,222	58	61	87 382	36 846,285	603 001,531	16,365	15,905
9	12	99 179	86 741,401	3 582 400,224	41,300	40,839	59	62	86 223	35 820,145	566 155,246	15,805	15,345
10	13	99 165	85 447,248	3 495 658,823	40,910	40,449	60	63	84 951	34 769,949	530 335,101	15,253	14,792
11	14	99 150	84 171,559	3 410 211,575	40,515	40,054	61	64	83 570	33 699,451	495 565,152	14,705	14,245
12	15	99 134	82 914,263	3 326 040,016	40,114	39,653	62	65	82 072	32 606,353	461 865,701	14,165	13,704
13	16	99 114	81 672,241	3 243 125,752	39,709	39,248	63	66	80 458	31 492,506	429 259,348	13,631	13,170
14	17	99 092	80 447,499	3 161 453,511	39,298	38,838	64	67	78 720	30 356,946	397 766,842	13,103	12,642
15	18	99 067	79 238,554	3 081 006,012	38,883	38,422	65	68	76 881	29 209,695	367 409,896	12,578	12,118
16	19	99 035	78 042,737	3 001 767,459	38,463	38,002	66	69	74 928	28 047,081	338 200,201	12,058	11,598
17	20	98 996	76 859,179	2 923 724,721	38,040	37,579	67	70	72 819	26 854,686	310 153,120	11,549	11,089
18	21	98 954	75 690,747	2 846 865,543	37,612	37,151	68	71	70 605	25 653,367	283 298,434	11,043	10,583
19	22	98 899	74 530,722	2 771 174,796	37,182	36,721	69	72	68 262	24 435,612	257 645,067	10,544	10,083
20	23	98 842	73 387,337	2 696 644,075	36,745	36,285	70	73	65 824	23 214,662	233 209,455	10,046	9,585
21	24	98 785	72 261,139	2 623 256,738	36,302	35,842	71	74	63 266	21 982,563	209 994,793	9,553	9,092
22	25	98 729	71 152,756	2 550 995,598	35,852	35,392	72	75	60 566	20 733,428	188 012,230	9,068	8,607
23	26	98 668	70 058,226	2 479 842,842	35,397	34,936	73	76	57 787	19 489,940	167 278,802	8,583	8,122
24	27	98 609	68 981,582	2 409 784,616	34,934	34,473	74	77	54 878	18 235,281	147 788,862	8,105	7,644
25	28	98 544	67 916,771	2 340 803,034	34,466	34,005	75	78	51 894	16 988,894	129 553,581	7,626	7,165
26	29	98 477	66 867,603	2 272 886,263	33,991	33,530	76	79	48 754	15 724,942	112 564,687	7,158	6,698
27	30	98 409	65 834,131	2 206 018,660	33,509	33,048	77	80	45 482	14 452,971	96 839,745	6,700	6,240
28	31	98 337	64 813,709	2 140 184,529	33,021	32,560	78	81	42 112	13 184,189	82 386,774	6,249	5,788
29	32	98 260	63 805,783	2 075 370,820	32,526	32,066	79	82	38 603	11 906,970	69 202,586	5,812	5,351
30	33	98 178	62 810,723	2 011 565,037	32,026	31,565	80	83	34 968	10 626,531	57 295,615	5,392	4,931
31	34	98 092	61 828,144	1 948 754,314	31,519	31,058	81	84	31 195	9 339,807	46 669,085	4,997	4,536
32	35	97 998	60 856,241	1 886 926,171	31,006	30,545	82	85	27 389	8 078,968	37 329,277	4,621	4,160
33	36	97 893	59 892,281	1 826 069,930	30,489	30,028	83	86	23 610	6 861,312	29 250,310	4,263	3,802
34	37	97 777	58 937,685	1 766 177,649	29,967	29,506	84	87	19 890	5 694,952	22 388,998	3,931	3,471
35	38	97 659	57 996,579	1 707 239,963	29,437	28,976	85	88	16 314	4 601,985	16 694,046	3,628	3,167
36	39	97 532	57 064,710	1 649 243,384	28,901	28,440	86	89	12 991	3 610,554	12 092,061	3,349	2,888
37	40	97 382	56 135,191	1 592 178,674	28,363	27,902	87	90	10 020	2 743,638	8 481,507	3,091	2,631
38	41	97 223	55 215,456	1 536 043,483	27,819	27,358	88	91	7 443	2 007,948	5 737,869	2,858	2,397
39	42	97 053	54 304,361	1 480 828,027	27,269	26,808	89	92	5 297	1 407,912	3 729,921	2,649	2,188
40	43	96 863	53 396,940	1 426 523,666	26,715	26,255	90	93	3 591	940,336	2 322,009	2,469	2,009
41	44	96 657	52 495,655	1 373 126,726	26,157	25,696	91	94	2 318	598,078	1 381,673	2,310	1,849
42	45	96 425	51 595,976	1 320 631,071	25,596	25,135	92	95	1 428	362,917	783,595	2,159	1,698
43	46	96 185	50 706,962	1 269 035,096	25,027	24,566	93	96	826	206,933	420,678	2,033	1,572
44	47	95 918	49 818,867	1 218 328,134	24,455	23,994	94	97	450	110,940	213,745	1,927	1,466
45	48	95 627	48 933,861	1 168 509,267	23,879	23,419	95	98	232	56,280	102,805	1,827	1,366
46	49	95 303	48 047,092	1 119 575,406	23,302	22,841	96	99	112	26,774	46,525	1,738	1,277
47	50	94 946	47 159,839	1 071 528,315	22,721	22,260	97	100	50	11,875	19,751	1,663	1,203
48	51	94 550	46 269,089	1 024 368,476	22,139	21,679							
49	52	94 106	45 371,266	978 099,387	21,558	21,097							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	4 409 018,694	44,238	43,777	50	54	93 391	44 361,003	918 031,582	20,695	20,234
1	5	99 319	97 851,222	4 309 353,095	44,040	43,579	51	55	92 834	43 444,990	873 670,579	20,110	19,649
2	6	99 288	96 375,297	4 211 501,873	43,699	43,238	52	56	92 214	42 517,058	830 225,589	19,527	19,066
3	7	99 268	94 931,469	4 115 126,576	43,348	42,888	53	57	91 535	41 580,256	787 708,531	18,944	18,483
4	8	99 251	93 513,000	4 020 195,106	42,991	42,530	54	58	90 780	40 627,668	746 128,275	18,365	17,904
5	9	99 233	92 113,884	3 926 682,106	42,629	42,168	55	59	89 948	39 660,569	705 500,607	17,788	17,328
6	10	99 219	90 739,524	3 834 568,223	42,259	41,798	56	60	89 022	38 672,186	665 840,038	17,218	16,757
7	11	99 204	89 385,526	3 743 828,699	41,884	41,423	57	61	88 005	37 665,256	627 167,852	16,651	16,190
8	12	99 187	88 049,264	3 654 443,172	41,505	41,044	58	62	86 894	36 640,451	589 502,596	16,089	15,628
9	13	99 173	86 735,919	3 566 393,945	41,118	40,657	59	63	85 695	35 600,857	552 862,141	15,529	15,069
10	14	99 157	85 440,495	3 479 658,025	40,726	40,265	60	64	84 376	34 534,898	517 261,284	14,978	14,517
11	15	99 141	84 163,794	3 394 217,531	40,329	39,868	61	65	82 951	33 449,779	482 726,386	14,431	13,971
12	16	99 122	82 904,664	3 310 053,737	39,926	39,465	62	66	81 415	32 345,056	449 276,607	13,890	13,429
13	17	99 101	81 661,800	3 227 149,072	39,518	39,058	63	67	79 753	31 216,702	416 931,552	13,356	12,895
14	18	99 079	80 437,069	3 145 487,272	39,105	38,644	64	68	77 983	30 072,868	385 714,850	12,826	12,365
15	19	99 050	79 225,691	3 065 050,203	38,688	38,227	65	69	76 097	28 911,640	355 641,982	12,301	11,840
16	20	99 019	78 029,909	2 985 824,512	38,265	37,804	66	70	74 063	27 723,241	326 730,342	11,785	11,325
17	21	98 980	76 846,598	2 907 794,602	37,839	37,378	67	71	71 905	26 517,612	299 007,101	11,276	10,815
18	22	98 937	75 677,895	2 830 948,004	37,408	36,947	68	72	69 630	25 298,979	272 489,489	10,771	10,310
19	23	98 882	74 518,217	2 755 270,110	36,974	36,514	69	73	67 242	24 070,351	247 190,510	10,270	9,809
20	24	98 826	73 375,334	2 680 751,893	36,535	36,074	70	74	64 723	22 826,140	223 120,159	9,775	9,314
21	25	98 769	72 249,269	2 607 376,559	36,089	35,628	71	75	62 115	21 582,654	200 294,018	9,280	8,820
22	26	98 710	71 138,923	2 535 127,289	35,636	35,175	72	76	59 347	20 316,272	178 711,365	8,796	8,336
23	27	98 651	70 045,739	2 463 988,366	35,177	34,716	73	77	56 507	19 058,261	158 395,093	8,311	7,850
24	28	98 589	68 967,114	2 393 942,627	34,711	34,251	74	78	53 564	17 798,757	139 336,832	7,828	7,368
25	29	98 520	67 900,607	2 324 975,514	34,241	33,780	75	79	50 482	16 526,669	121 538,075	7,354	6,893
26	30	98 452	66 851,102	2 257 074,907	33,763	33,302	76	80	47 252	15 240,482	105 011,406	6,890	6,429
27	31	98 381	65 815,514	2 190 223,805	33,278	32,817	77	81	43 879	13 943,337	89 770,925	6,438	5,977
28	32	98 305	64 792,838	2 124 408,290	32,788	32,327	78	82	40 410	12 651,346	75 827,587	5,994	5,533
29	33	98 227	63 784,350	2 059 615,452	32,290	31,829	79	83	36 788	11 347,315	63 176,242	5,568	5,107
30	34	98 144	62 788,725	1 995 831,101	31,786	31,326	80	84	33 038	10 039,990	51 828,926	5,162	4,701
31	35	98 055	61 804,538	1 933 042,377	31,277	30,816	81	85	29 205	8 744,040	41 788,936	4,779	4,318
32	36	97 953	60 827,825	1 871 237,839	30,763	30,302	82	86	25 370	7 483,598	33 044,896	4,416	3,955
33	37	97 846	59 863,721	1 810 410,014	30,242	29,781	83	87	21 596	6 276,189	25 561,298	4,073	3,612
34	38	97 728	58 907,926	1 750 546,293	29,717	29,256	84	88	17 919	5 130,612	19 285,109	3,759	3,298
35	39	97 605	57 964,443	1 691 638,367	29,184	28,723	85	89	14 466	4 080,562	14 154,497	3,469	3,008
36	40	97 468	57 027,581	1 633 673,924	28,647	28,186	86	90	11 318	3 145,492	10 073,935	3,203	2,742
37	41	97 320	56 099,650	1 576 646,343	28,104	27,644	87	91	8 546	2 340,002	6 928,443	2,961	2,500
38	42	97 152	55 174,986	1 520 546,693	27,559	27,098	88	92	6 208	1 674,773	4 588,441	2,740	2,279
39	43	96 975	54 260,545	1 465 371,707	27,006	26,545	89	93	4 302	1 143,301	2 913,668	2,548	2,088
40	44	96 776	53 349,113	1 411 111,161	26,451	25,990	90	94	2 839	743,374	1 770,368	2,382	1,921
41	45	96 565	52 446,002	1 357 762,049	25,889	25,428	91	95	1 786	460,845	1 026,993	2,228	1,768
42	46	96 321	51 540,476	1 305 316,047	25,326	24,865	92	96	1 065	270,644	566,148	2,092	1,631
43	47	96 071	50 646,915	1 253 775,571	24,755	24,294	93	97	596	149,134	295,504	1,981	1,521
44	48	95 793	49 754,134	1 203 128,656	24,181	23,721	94	98	317	78,241	146,370	1,871	1,410
45	49	95 482	48 859,623	1 153 374,522	23,606	23,145	95	99	158	38,325	68,128	1,778	1,317
46	50	95 142	47 966,177	1 104 514,900	23,027	22,566	96	100	73	17,584	29,803	1,695	1,234
47	51	94 771	47 072,881	1 056 548,722	22,445	21,984							
48	52	94 354	46 173,011	1 009 475,842	21,863	21,402							
49	53	93 898	45 271,249	963 302,831	21,278	20,818							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	4 391 919,842	44,071	43,610	50	55	93 133	44 238,820	902 426,953	20,399	19,938
1	6	99 312	97 844,573	4 292 263,417	43,868	43,407	51	56	92 545	43 309,773	858 188,132	19,815	19,354
2	7	99 281	96 368,260	4 194 418,844	43,525	43,064	52	57	91 902	42 373,282	814 878,359	19,231	18,770
3	8	99 263	94 926,948	4 098 050,584	43,171	42,710	53	58	91 191	41 424,069	772 505,077	18,649	18,188
4	9	99 244	93 506,261	4 003 123,636	42,811	42,350	54	59	90 401	40 458,105	731 081,008	18,070	17,609
5	10	99 228	92 108,988	3 909 617,375	42,446	41,985	55	60	89 531	39 476,763	690 622,902	17,494	17,034
6	11	99 213	90 734,479	3 817 508,387	42,073	41,613	56	61	88 566	38 473,921	651 146,139	16,924	16,464
7	12	99 196	89 378,652	3 726 773,908	41,696	41,236	57	62	87 513	37 454,851	612 672,218	16,358	15,897
8	13	99 181	88 043,663	3 637 395,256	41,314	40,853	58	63	86 362	36 416,145	575 217,367	15,796	15,335
9	14	99 165	86 729,064	3 549 351,592	40,925	40,464	59	64	85 116	35 360,189	538 801,222	15,238	14,777
10	15	99 148	85 432,613	3 462 622,529	40,530	40,070	60	65	83 751	34 279,036	503 441,033	14,687	14,226
11	16	99 129	84 154,050	3 377 189,916	40,131	39,670	61	66	82 286	33 181,722	469 161,997	14,139	13,678
12	17	99 110	82 894,066	3 293 035,866	39,726	39,265	62	67	80 702	32 061,885	435 980,275	13,598	13,137
13	18	99 088	81 651,213	3 210 141,800	39,315	38,855	63	68	79 007	30 924,578	403 918,489	13,061	12,601
14	19	99 063	80 424,012	3 128 490,587	38,900	38,439	64	69	77 188	29 766,005	372 993,911	12,531	12,070
15	20	99 034	79 212,669	3 048 066,575	38,480	38,019	65	70	75 218	28 577,818	343 227,906	12,010	11,549
16	21	99 003	78 017,137	2 968 853,906	38,054	37,593	66	71	73 134	27 375,266	314 650,089	11,494	11,033
17	22	98 963	76 833,550	2 890 836,768	37,625	37,164	67	72	70 912	26 151,285	287 274,823	10,985	10,524
18	23	98 920	75 665,198	2 814 003,219	37,190	36,729	68	73	68 589	24 920,812	261 123,538	10,478	10,017
19	24	98 866	74 506,029	2 738 338,021	36,753	36,292	69	74	66 116	23 667,508	236 202,726	9,980	9,519
20	25	98 810	73 363,281	2 663 831,992	36,310	35,849	70	75	63 545	22 410,885	212 535,217	9,484	9,023
21	26	98 750	72 235,223	2 590 468,711	35,862	35,401	71	76	60 865	21 148,411	190 124,333	8,990	8,529
22	27	98 692	71 126,243	2 518 233,489	35,405	34,944	72	77	58 033	19 866,290	168 975,922	8,506	8,045
23	28	98 630	70 031,047	2 447 107,245	34,943	34,482	73	78	55 155	18 602,036	149 109,631	8,016	7,555
24	29	98 565	68 950,700	2 377 076,198	34,475	34,014	74	79	52 107	17 314,497	130 507,595	7,537	7,077
25	30	98 496	67 883,852	2 308 125,498	34,001	33,540	75	80	48 927	16 017,509	113 193,098	7,067	6,606
26	31	98 424	66 832,198	2 240 241,646	33,520	33,060	76	81	45 586	14 703,079	97 175,589	6,609	6,148
27	32	98 349	65 794,322	2 173 409,449	33,033	32,573	77	82	42 105	13 379,813	82 472,510	6,164	5,703
28	33	98 272	64 771,074	2 107 615,127	32,539	32,079	78	83	38 511	12 056,704	69 092,697	5,731	5,270
29	34	98 192	63 762,011	2 042 844,053	32,039	31,578	79	84	34 758	10 720,991	57 035,993	5,320	4,859
30	35	98 106	62 764,752	1 979 082,042	31,532	31,071	80	85	30 931	9 399,559	46 315,003	4,927	4,467
31	36	98 009	61 775,679	1 916 317,290	31,021	30,560	81	86	27 053	8 099,659	36 915,443	4,558	4,097
32	37	97 906	60 798,819	1 854 541,610	30,503	30,042	82	87	23 207	6 845,408	28 815,785	4,210	3,749
33	38	97 797	59 833,494	1 793 742,792	29,979	29,518	83	88	19 456	5 654,252	21 970,377	3,886	3,425
34	39	97 674	58 875,284	1 733 909,298	29,451	28,990	84	89	15 889	4 549,293	16 316,125	3,587	3,126
35	40	97 542	57 926,729	1 675 034,013	28,916	28,456	85	90	12 602	3 554,960	11 766,832	3,310	2,849
36	41	97 406	56 991,475	1 617 107,285	28,375	27,914	86	91	9 653	2 682,736	8 211,872	3,061	2,600
37	42	97 249	56 058,533	1 560 115,810	27,830	27,369	87	92	7 128	1 951,730	5 529,136	2,833	2,372
38	43	97 074	55 130,468	1 504 057,277	27,282	26,821	88	93	5 041	1 360,006	3 577,406	2,630	2,170
39	44	96 888	54 211,944	1 448 926,809	26,727	26,266	89	94	3 401	903,826	2 217,399	2,453	1,993
40	45	96 685	53 298,652	1 394 714,865	26,168	25,707	90	95	2 188	572,802	1 313,573	2,293	1,832
41	46	96 461	52 389,588	1 341 416,212	25,605	25,144	91	96	1 332	343,674	740,771	2,155	1,695
42	47	96 207	51 479,442	1 289 026,625	25,040	24,579	92	97	767	195,050	397,097	2,036	1,575
43	48	95 946	50 581,107	1 237 547,183	24,467	24,006	93	98	420	105,178	202,047	1,921	1,460
44	49	95 648	49 678,651	1 186 966,076	23,893	23,432	94	99	216	53,281	96,869	1,818	1,357
45	50	95 321	48 777,340	1 137 287,425	23,316	22,855	95	100	104	25,170	43,589	1,732	1,271
46	51	94 967	47 877,732	1 088 510,085	22,735	22,274							
47	52	94 574	46 975,134	1 040 632,353	22,153	21,692							
48	53	94 146	46 071,226	993 657,219	21,568	21,107							
49	54	93 666	45 159,040	947 585,993	20,983	20,523							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	4 373 772,851	43,892	43,431	50	56	92 844	44 101,132	885 913,560	20,088	19,627
1	7	99 305	97 837,429	4 274 123,198	43,686	43,225	51	57	92 232	43 163,317	841 812,428	19,503	19,042
2	8	99 276	96 363,671	4 176 285,769	43,339	42,878	52	58	91 557	42 214,116	798 649,111	18,919	18,458
3	9	99 256	94 920,107	4 079 922,098	42,983	42,522	53	59	90 811	41 251,183	756 434,995	18,337	17,876
4	10	99 239	93 501,291	3 985 001,992	42,620	42,159	54	60	89 982	40 270,604	715 183,812	17,759	17,299
5	11	99 222	92 103,867	3 891 500,701	42,251	41,790	55	61	89 072	39 274,373	674 913,208	17,185	16,724
6	12	99 205	90 727,501	3 799 396,834	41,877	41,416	56	62	88 071	38 258,999	635 638,835	16,614	16,153
7	13	99 190	89 373,004	3 708 669,332	41,497	41,036	57	63	86 977	37 225,556	597 379,836	16,048	15,587
8	14	99 173	88 036,704	3 619 296,328	41,111	40,650	58	64	85 779	36 169,965	560 154,280	15,487	15,026
9	15	99 156	86 721,063	3 531 259,624	40,720	40,259	59	65	84 485	35 098,212	523 984,315	14,929	14,468
10	16	99 137	85 422,722	3 444 538,561	40,323	39,863	60	66	83 080	34 004,334	488 886,103	14,377	13,916
11	17	99 117	84 143,292	3 359 115,839	39,921	39,461	61	67	81 566	32 891,125	454 881,768	13,830	13,369
12	18	99 097	82 883,318	3 274 972,547	39,513	39,052	62	68	79 946	31 761,753	421 990,644	13,286	12,825
13	19	99 072	81 637,959	3 192 089,229	39,101	38,640	63	69	78 201	30 609,025	390 228,891	12,749	12,288
14	20	99 046	80 410,793	3 110 451,270	38,682	38,221	64	70	76 296	29 422,318	359 619,866	12,223	11,762
15	21	99 018	79 199,704	3 030 040,477	38,258	37,797	65	71	74 274	28 219,115	330 197,548	11,701	11,240
16	22	98 986	78 003,890	2 950 840,773	37,829	37,369	66	72	72 123	26 997,090	301 978,433	11,186	10,725
17	23	98 947	76 820,659	2 872 836,883	37,397	36,936	67	73	69 852	25 760,378	274 981,342	10,675	10,214
18	24	98 904	75 652,822	2 796 016,224	36,959	36,498	68	74	67 441	24 503,736	249 220,964	10,171	9,710
19	25	98 850	74 493,790	2 720 363,402	36,518	36,057	69	75	64 914	23 236,946	224 717,228	9,671	9,210
20	26	98 790	73 349,018	2 645 869,612	36,072	35,612	70	76	62 267	21 959,978	201 480,281	9,175	8,714
21	27	98 732	72 222,348	2 572 520,594	35,619	35,159	71	77	59 517	20 679,999	179 520,303	8,681	8,220
22	28	98 671	71 111,325	2 500 298,247	35,160	34,700	72	78	56 643	19 390,722	158 840,305	8,192	7,731
23	29	98 607	70 014,380	2 429 186,922	34,696	34,235	73	79	53 654	18 095,921	139 449,582	7,706	7,245
24	30	98 541	68 933,686	2 359 172,541	34,224	33,763	74	80	50 502	16 781,065	121 353,661	7,232	6,771
25	31	98 468	67 864,655	2 290 238,856	33,747	33,286	75	81	47 202	15 452,707	104 572,595	6,767	6,306
26	32	98 393	66 810,677	2 222 374,201	33,264	32,803	76	82	43 743	14 108,850	89 119,888	6,317	5,856
27	33	98 316	65 772,221	2 155 563,523	32,773	32,312	77	83	40 126	12 750,931	75 011,038	5,883	5,422
28	34	98 238	64 748,389	2 089 791,303	32,276	31,815	78	84	36 385	11 391,223	62 260,107	5,466	5,005
29	35	98 155	63 737,668	2 025 042,913	31,772	31,311	79	85	32 541	10 037,120	50 868,883	5,068	4,607
30	36	98 061	62 735,445	1 961 305,246	31,263	30,802	80	86	28 651	8 706,870	40 831,763	4,690	4,229
31	37	97 962	61 746,221	1 898 569,801	30,748	30,287	81	87	24 746	7 408,932	32 124,893	4,336	3,875
32	38	97 856	60 768,119	1 836 823,580	30,227	29,766	82	88	20 907	6 167,064	24 715,961	4,008	3,547
33	39	97 742	59 800,340	1 776 055,461	29,700	29,239	83	89	17 252	5 013,602	18 548,897	3,700	3,239
34	40	97 610	58 836,977	1 716 255,121	29,170	28,709	84	90	13 842	3 963,316	13 535,295	3,415	2,954
35	41	97 480	57 890,054	1 657 418,143	28,630	28,170	85	91	10 748	3 031,965	9 571,979	3,157	2,696
36	42	97 335	56 949,704	1 599 528,090	28,087	27,626	86	92	8 051	2 237,595	6 540,014	2,923	2,462
37	43	97 171	56 013,302	1 542 578,386	27,540	27,079	87	93	5 788	1 584,911	4 302,420	2,715	2,254
38	44	96 987	55 081,088	1 486 565,085	26,989	26,528	88	94	3 985	1 075,141	2 717,509	2,528	2,067
39	45	96 797	54 160,668	1 431 483,996	26,430	25,970	89	95	2 620	696,438	1 642,368	2,358	1,897
40	46	96 581	53 241,321	1 377 323,328	25,869	25,409	90	96	1 631	427,165	945,931	2,214	1,754
41	47	96 347	52 327,548	1 324 082,007	25,304	24,843	91	97	960	247,681	518,765	2,094	1,634
42	48	96 082	51 412,551	1 271 754,459	24,736	24,275	92	98	541	137,561	271,084	1,971	1,510
43	49	95 801	50 504,369	1 220 341,908	24,163	23,702	93	99	286	71,624	133,523	1,864	1,403
44	50	95 487	49 594,989	1 169 837,538	23,588	23,127	94	100	142	34,992	61,900	1,769	1,308
45	51	95 146	48 687,399	1 120 242,549	23,009	22,548							
46	52	94 770	47 778,314	1 071 555,150	22,428	21,967							
47	53	94 366	46 871,581	1 023 776,836	21,842	21,381							
48	54	93 912	45 957,035	976 905,255	21,257	20,796							
49	55	93 408	45 034,660	930 948,220	20,672	20,211							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	4 354 565,344	43,702	43,241	50	57	92 530	43 952,000	868 499,536	19,760	19,299
1	8	99 300	97 832,769	4 254 922,967	43,492	43,031	51	58	91 886	43 001,183	824 547,536	19,175	18,714
2	9	99 269	96 356,726	4 157 090,197	43,143	42,682	52	59	91 175	42 037,932	781 546,353	18,591	18,131
3	10	99 251	94 915,062	4 060 733,472	42,783	42,322	53	60	90 390	41 060,005	739 508,420	18,010	17,550
4	11	99 233	93 496,093	3 965 818,410	42,417	41,956	54	61	89 520	40 064,144	698 448,415	17,433	16,972
5	12	99 214	92 096,784	3 872 322,317	42,046	41,585	55	62	88 575	39 054,980	658 384,270	16,858	16,397
6	13	99 199	90 721,768	3 780 225,533	41,668	41,208	56	63	87 532	38 024,780	619 329,291	16,288	15,827
7	14	99 182	89 365,940	3 689 503,765	41,285	40,825	57	64	86 389	36 973,904	581 304,511	15,722	15,261
8	15	99 164	88 028,863	3 600 137,826	40,897	40,437	58	65	85 143	35 901,989	544 330,606	15,162	14,701
9	16	99 145	86 711,023	3 512 109,243	40,504	40,043	59	66	83 808	34 816,946	508 428,617	14,603	14,142
10	17	99 124	85 411,802	3 425 398,219	40,105	39,644	60	67	82 352	33 706,532	473 611,671	14,051	13,590
11	18	99 104	84 132,383	3 339 986,418	39,699	39,238	61	68	80 802	32 583,332	439 905,139	13,501	13,040
12	19	99 081	82 869,865	3 255 854,035	39,289	38,828	62	69	79 131	31 437,657	407 321,807	12,956	12,496
13	20	99 056	81 624,540	3 172 984,171	38,873	38,412	63	70	77 298	30 255,604	375 884,150	12,424	11,963
14	21	99 030	80 397,631	3 091 359,630	38,451	37,990	64	71	75 339	29 053,016	345 628,546	11,896	11,436
15	22	99 001	79 186,256	3 010 961,999	38,024	37,563	65	72	73 248	27 829,283	316 575,530	11,376	10,915
16	23	98 969	77 990,863	2 931 775,743	37,591	37,131	66	73	71 045	26 593,541	288 746,247	10,858	10,397
17	24	98 930	76 808,094	2 853 784,940	37,155	36,694	67	74	68 683	25 329,251	262 152,707	10,350	9,889
18	25	98 888	75 640,394	2 776 976,846	36,713	36,252	68	75	66 214	24 057,962	236 823,456	9,844	9,383
19	26	98 830	74 479,307	2 701 336,452	36,270	35,809	69	76	63 608	22 769,419	212 765,494	9,344	8,884
20	27	98 773	73 335,944	2 626 857,144	35,820	35,359	70	77	60 887	21 473,590	189 996,074	8,848	8,387
21	28	98 711	72 207,199	2 553 521,200	35,364	34,903	71	78	58 092	20 184,952	168 522,484	8,349	7,888
22	29	98 648	71 094,401	2 481 314,001	34,902	34,441	72	79	55 102	18 863,150	148 337,532	7,864	7,403
23	30	98 582	69 997,103	2 410 219,600	34,433	33,972	73	80	52 001	17 538,415	129 474,383	7,382	6,922
24	31	98 513	68 914,192	2 340 222,497	33,958	33,498	74	81	48 721	16 189,340	111 935,968	6,914	6,453
25	32	98 436	67 842,802	2 271 308,305	33,479	33,018	75	82	45 294	14 828,182	95 746,628	6,457	5,996
26	33	98 360	66 788,235	2 203 465,502	32,992	32,531	76	83	41 687	13 445,702	80 918,446	6,018	5,557
27	34	98 282	65 749,185	2 136 677,267	32,497	32,037	77	84	37 911	12 047,133	67 472,744	5,601	5,140
28	35	98 200	64 723,669	2 070 928,082	31,996	31,536	78	85	34 064	10 664,600	55 425,612	5,197	4,736
29	36	98 109	63 707,906	2 006 204,413	31,491	31,030	79	86	30 143	9 297,447	44 761,012	4,814	4,354
30	37	98 014	62 705,529	1 942 496,507	30,978	30,517	80	87	26 208	7 964,361	35 463,565	4,453	3,992
31	38	97 913	61 715,043	1 879 790,978	30,459	29,998	81	88	22 294	6 674,746	27 499,203	4,120	3,659
32	39	97 802	60 734,447	1 818 075,934	29,935	29,474	82	89	18 538	5 468,311	20 824,458	3,808	3,347
33	40	97 679	59 761,431	1 757 341,487	29,406	28,945	83	90	15 030	4 367,819	15 356,147	3,516	3,055
34	41	97 549	58 799,726	1 697 580,056	28,871	28,410	84	91	11 806	3 380,244	10 988,328	3,251	2,790
35	42	97 409	57 847,623	1 638 780,330	28,329	27,868	85	92	8 965	2 528,876	7 608,083	3,008	2,548
36	43	97 256	56 903,754	1 580 932,707	27,783	27,322	86	93	6 538	1 817,048	5 079,207	2,795	2,335
37	44	97 084	55 963,131	1 524 028,953	27,233	26,772	87	94	4 576	1 252,937	3 262,159	2,604	2,143
38	45	96 895	55 028,990	1 468 065,822	26,678	26,217	88	95	3 071	828,443	2 009,222	2,425	1,965
39	46	96 692	54 102,409	1 413 036,833	26,118	25,657	89	96	1 954	519,366	1 180,779	2,274	1,813
40	47	96 466	53 178,273	1 358 934,423	25,554	25,094	90	97	1 176	307,853	661,413	2,148	1,688
41	48	96 222	52 259,556	1 305 756,150	24,986	24,525	91	98	677	174,680	353,561	2,024	1,563
42	49	95 936	51 334,553	1 253 496,594	24,418	23,957	92	99	369	93,676	178,881	1,910	1,449
43	50	95 639	50 419,317	1 202 162,041	23,843	23,382	93	100	188	47,039	85,205	1,811	1,351
44	51	95 311	49 503,541	1 151 742,725	23,266	22,805							
45	52	94 948	48 586,300	1 102 239,184	22,686	22,225							
46	53	94 561	47 672,990	1 053 652,884	22,102	21,641							
47	54	94 132	46 755,406	1 005 979,894	21,516	21,055							
48	55	93 654	45 830,457	959 224,488	20,930	20,469							
49	56	93 117	44 894,495	913 394,031	20,345	19,885							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	4 334 292,401	43,501	43,040	50	58	92 182	43 786,904	850 193,711	19,417	18,956
1	9	99 293	97 825,719	4 234 654,770	43,288	42,827	51	59	91 502	42 821,715	806 406,807	18,832	18,371
2	10	99 264	96 351,604	4 136 829,051	42,935	42,474	52	60	90 752	41 843,109	763 585,092	18,249	17,788
3	11	99 245	94 909,785	4 040 477,447	42,572	42,111	53	61	89 926	40 849,499	721 741,983	17,668	17,208
4	12	99 226	93 488,903	3 945 567,662	42,204	41,743	54	62	89 020	39 840,339	680 892,484	17,091	16,630
5	13	99 208	92 090,964	3 852 078,759	41,829	41,368	55	63	88 032	38 815,888	641 052,146	16,515	16,054
6	14	99 191	90 714,597	3 759 987,796	41,449	40,988	56	64	86 940	37 767,726	602 236,257	15,946	15,485
7	15	99 173	89 357,696	3 669 273,198	41,063	40,602	57	65	85 749	36 699,972	564 468,532	15,381	14,920
8	16	99 152	88 018,392	3 579 915,503	40,672	40,212	58	66	84 461	35 614,282	527 768,560	14,819	14,358
9	17	99 132	86 699,938	3 491 897,111	40,276	39,815	59	67	83 074	34 512,028	492 154,278	14,260	13,800
10	18	99 111	85 400,728	3 405 197,173	39,873	39,412	60	68	81 582	33 391,109	457 642,250	13,706	13,245
11	19	99 088	84 118,726	3 319 796,445	39,466	39,005	61	69	79 978	32 250,852	424 251,141	13,155	12,694
12	20	99 064	82 856,243	3 235 677,719	39,052	38,591	62	70	78 217	31 074,669	392 000,289	12,615	12,154
13	21	99 039	81 611,180	3 152 821,476	38,632	38,171	63	71	76 327	29 875,843	360 925,620	12,081	11,620
14	22	99 013	80 383,980	3 071 210,296	38,207	37,746	64	72	74 298	28 651,663	331 049,778	11,554	11,093
15	23	98 985	79 172,970	2 990 826,316	37,776	37,315	65	73	72 153	27 413,293	302 398,115	11,031	10,570
16	24	98 953	77 978,047	2 911 653,345	37,339	36,879	66	74	69 856	26 148,470	274 984,821	10,516	10,055
17	25	98 914	76 795,477	2 833 675,299	36,899	36,438	67	75	67 433	24 868,458	248 836,351	10,006	9,545
18	26	98 869	75 625,689	2 756 879,822	36,454	35,993	68	76	64 882	23 573,916	223 967,893	9,501	9,040
19	27	98 813	74 466,032	2 681 254,133	36,006	35,546	69	77	62 199	22 265,104	200 393,977	9,000	8,540
20	28	98 752	73 320,562	2 606 788,101	35,553	35,093	70	78	59 430	20 959,546	178 128,873	8,498	8,038
21	29	98 688	72 190,015	2 533 467,539	35,094	34,634	71	79	56 512	19 635,770	157 169,327	8,004	7,543
22	30	98 624	71 076,857	2 461 277,524	34,628	34,168	72	80	53 405	18 282,006	137 533,557	7,523	7,062
23	31	98 554	69 977,309	2 390 200,666	34,157	33,696	73	81	50 167	16 919,984	119 251,551	7,048	6,587
24	32	98 481	68 892,001	2 320 223,357	33,679	33,218	74	82	46 752	15 535,043	102 331,567	6,587	6,126
25	33	98 403	67 820,014	2 251 331,356	33,196	32,735	75	83	43 165	14 131,223	86 796,524	6,142	5,681
26	34	98 325	66 764,844	2 183 511,342	32,705	32,244	76	84	39 386	12 703,555	72 665,301	5,720	5,259
27	35	98 244	65 724,083	2 116 746,498	32,207	31,746	77	85	35 493	11 278,670	59 961,746	5,316	4,856
28	36	98 154	64 693,447	2 051 022,416	31,704	31,243	78	86	31 554	9 878,686	48 683,076	4,928	4,467
29	37	98 062	63 677,527	1 986 328,969	31,194	30,733	79	87	27 572	8 504,575	38 804,390	4,563	4,102
30	38	97 964	62 673,867	1 922 651,442	30,677	30,216	80	88	23 611	7 175,135	30 299,816	4,223	3,762
31	39	97 858	61 680,847	1 859 977,575	30,155	29,694	81	89	19 768	5 918,470	23 124,681	3,907	3,446
32	40	97 739	60 694,931	1 798 296,729	29,628	29,168	82	90	16 150	4 763,958	17 206,211	3,612	3,151
33	41	97 617	59 723,594	1 737 601,798	29,094	28,633	83	91	12 818	3 725,238	12 442,252	3,340	2,879
34	42	97 477	58 756,629	1 677 878,204	28,556	28,096	84	92	9 847	2 819,367	8 717,014	3,092	2,631
35	43	97 330	57 800,949	1 619 121,574	28,012	27,551	85	93	7 280	2 053,585	5 897,647	2,872	2,411
36	44	97 169	56 852,785	1 561 320,625	27,463	27,002	86	94	5 169	1 436,452	3 844,063	2,676	2,215
37	45	96 992	55 910,198	1 504 467,840	26,909	26,448	87	95	3 526	965,443	2 407,611	2,494	2,033
38	46	96 791	54 969,797	1 448 557,642	26,352	25,891	88	96	2 290	617,808	1 442,169	2,334	1,874
39	47	96 578	54 038,342	1 393 587,845	25,789	25,328	89	97	1 408	374,300	824,360	2,202	1,742
40	48	96 341	53 109,175	1 339 549,503	25,223	24,762	90	98	829	217,116	450,060	2,073	1,612
41	49	96 076	52 180,272	1 286 440,328	24,654	24,193	91	99	461	118,953	232,944	1,958	1,497
42	50	95 775	51 248,102	1 234 260,056	24,084	23,623	92	100	242	61,521	113,992	1,853	1,392
43	51	95 463	50 326,349	1 183 011,954	23,507	23,046							
44	52	95 113	49 400,747	1 132 685,605	22,929	22,468							
45	53	94 739	48 479,195	1 083 284,858	22,345	21,885							
46	54	94 326	47 554,829	1 034 805,664	21,760	21,299							
47	55	93 872	46 626,628	987 250,834	21,174	20,713							
48	56	93 362	45 687,815	940 624,206	20,588	20,127							
49	57	92 802	44 742,680	894 936,391	20,002	19,541							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	4 312 950,074	43,289	42,829	50	59	91 797	43 604,156	831 013,803	19,058	18,597
1	10	99 288	97 820,519	4 213 319,624	43,072	42,611	51	60	91 078	42 623,259	787 409,647	18,474	18,013
2	11	99 258	96 346,248	4 115 499,104	42,716	42,255	52	61	90 287	41 628,587	744 786,388	17,891	17,430
3	12	99 237	94 902,486	4 019 152,857	42,350	41,890	53	62	89 424	40 621,306	703 157,800	17,310	16,849
4	13	99 219	93 482,994	3 924 250,371	41,978	41,517	54	63	88 475	39 596,439	662 536,495	16,732	16,271
5	14	99 200	92 083,685	3 830 767,376	41,601	41,140	55	64	87 437	38 553,486	622 940,055	16,158	15,697
6	15	99 182	90 706,229	3 738 683,691	41,217	40,757	56	65	86 296	37 487,912	584 386,569	15,589	15,128
7	16	99 162	89 347,351	3 647 977,463	40,829	40,368	57	66	85 062	36 405,870	546 898,657	15,022	14,561
8	17	99 139	88 007,140	3 558 630,112	40,436	39,975	58	67	83 721	35 302,380	510 492,787	14,461	14,000
9	18	99 119	86 688,697	3 470 622,972	40,035	39,575	59	68	82 297	34 189,066	475 190,407	13,899	13,438
10	19	99 095	85 386,865	3 383 934,275	39,631	39,170	60	69	80 749	33 050,387	441 001,341	13,343	12,883
11	20	99 071	84 104,900	3 298 547,410	39,219	38,759	61	70	79 054	31 878,475	407 950,954	12,797	12,336
12	21	99 048	82 842,681	3 214 442,510	38,802	38,341	62	71	77 235	30 684,627	376 072,479	12,256	11,795
13	22	99 023	81 597,323	3 131 599,829	38,379	37,918	63	72	75 273	29 463,123	345 387,853	11,723	11,262
14	23	98 997	80 370,494	3 050 002,506	37,949	37,488	64	73	73 187	28 223,381	315 924,729	11,194	10,733
15	24	98 968	79 160,021	2 969 632,013	37,514	37,053	65	74	70 945	26 954,503	287 701,348	10,674	10,213
16	25	98 937	77 965,237	2 890 471,992	37,074	36,613	66	75	68 585	25 672,774	260 746,845	10,157	9,696
17	26	98 895	76 780,547	2 812 506,755	36,630	36,170	67	76	66 076	24 368,105	235 074,071	9,647	9,186
18	27	98 851	75 612,209	2 735 726,208	36,181	35,720	68	77	63 445	23 051,781	210 705,966	9,141	8,680
19	28	98 792	74 450,413	2 660 113,999	35,730	35,269	69	78	60 710	21 732,112	187 654,184	8,635	8,174
20	29	98 729	73 303,112	2 585 663,585	35,274	34,813	70	79	57 813	20 389,290	165 922,073	8,138	7,677
21	30	98 664	72 172,201	2 512 360,473	34,811	34,350	71	80	54 770	19 030,823	145 532,783	7,647	7,186
22	31	98 596	71 056,758	2 440 188,272	34,341	33,881	72	81	51 522	17 637,355	126 501,960	7,172	6,712
23	32	98 523	69 954,776	2 369 131,514	33,867	33,406	73	82	48 140	16 236,158	108 864,604	6,705	6,244
24	33	98 448	68 868,860	2 299 176,738	33,385	32,924	74	83	44 554	14 804,860	92 628,446	6,257	5,796
25	34	98 369	67 796,261	2 230 307,878	32,897	32,436	75	84	40 783	13 351,238	77 823,586	5,829	5,368
26	35	98 288	66 739,354	2 162 511,617	32,402	31,942	76	85	36 874	11 893,220	64 472,348	5,421	4,960
27	36	98 198	65 693,394	2 095 772,263	31,902	31,442	77	86	32 877	10 447,503	52 579,128	5,033	4,572
28	37	98 108	64 662,597	2 030 078,870	31,395	30,934	78	87	28 863	9 036,246	42 131,625	4,663	4,202
29	38	98 013	63 645,374	1 965 416,272	30,881	30,420	79	88	24 840	7 661,816	33 095,379	4,320	3,859
30	39	97 910	62 639,139	1 901 770,898	30,361	29,900	80	89	20 936	6 362,163	25 433,563	3,998	3,537
31	40	97 795	61 640,714	1 839 131,759	29,836	29,376	81	90	17 222	5 156,134	19 071,400	3,699	3,238
32	41	97 677	60 656,503	1 777 491,045	29,304	28,843	82	91	13 774	4 063,099	13 915,266	3,425	2,964
33	42	97 545	59 679,820	1 716 834,542	28,767	28,307	83	92	10 692	3 107,116	9 852,167	3,171	2,710
34	43	97 398	58 709,221	1 657 154,722	28,226	27,766	84	93	7 996	2 289,479	6 745,051	2,946	2,485
35	44	97 243	57 749,177	1 598 445,501	27,679	27,218	85	94	5 755	1 623,443	4 455,572	2,745	2,284
36	45	97 077	56 799,011	1 540 696,324	27,125	26,665	86	95	3 983	1 106,848	2 832,129	2,559	2,098
37	46	96 887	55 850,058	1 483 897,313	26,569	26,109	87	96	2 629	719,975	1 725,280	2,396	1,936
38	47	96 676	54 904,703	1 428 047,255	26,010	25,549	88	97	1 650	445,246	1 005,305	2,258	1,797
39	48	96 452	53 968,126	1 373 142,553	25,444	24,983	89	98	993	263,979	560,059	2,122	1,661
40	49	96 195	53 028,603	1 319 174,426	24,877	24,416	90	99	565	147,851	296,080	2,003	1,542
41	50	95 914	52 092,397	1 266 145,824	24,306	23,845	91	100	303	78,122	148,229	1,897	1,437
42	51	95 598	51 153,606	1 214 053,426	23,733	23,273							
43	52	95 265	50 221,846	1 162 899,821	23,155	22,694							
44	53	94 903	49 291,846	1 112 677,975	22,573	22,112							
45	54	94 504	48 359,035	1 063 386,129	21,989	21,529							
46	55	94 066	47 423,850	1 015 027,093	21,403	20,943							
47	56	93 580	46 481,509	967 603,243	20,817	20,356							
48	57	93 046	45 533,318	921 121,734	20,230	19,769							
49	58	92 454	44 574,614	875 588,417	19,643	19,182							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	4 290 542,834	43,067	42,606	50	60	91 372	43 402,074	810 982,967	18,685	18,225
1	11	99 282	97 815,081	4 190 917,679	42,845	42,385	51	61	90 611	42 404,738	767 580,893	18,101	17,641
2	12	99 251	96 338,838	4 093 102,598	42,487	42,026	52	62	89 783	41 396,043	725 176,155	17,518	17,057
3	13	99 231	94 896,488	3 996 763,759	42,117	41,656	53	63	88 877	40 372,626	683 780,112	16,937	16,476
4	14	99 212	93 475,606	3 901 867,271	41,742	41,281	54	64	87 877	39 328,760	643 407,487	16,360	15,899
5	15	99 191	92 075,190	3 808 391,665	41,362	40,901	55	65	86 789	38 267,851	604 078,727	15,786	15,325
6	16	99 171	90 695,727	3 716 316,475	40,976	40,515	56	66	85 604	37 187,496	565 810,876	15,215	14,754
7	17	99 149	89 335,928	3 625 620,748	40,584	40,123	57	67	84 317	36 087,036	528 623,380	14,649	14,188
8	18	99 127	87 995,729	3 536 284,819	40,187	39,726	58	68	82 938	34 972,023	492 536,344	14,084	13,623
9	19	99 103	86 674,626	3 448 289,090	39,784	39,324	59	69	81 457	33 840,202	457 564,321	13,521	13,061
10	20	99 079	85 372,831	3 361 614,464	39,376	38,915	60	70	79 817	32 668,777	423 724,119	12,970	12,510
11	21	99 055	84 091,133	3 276 241,634	38,961	38,500	61	71	78 062	31 478,343	391 055,342	12,423	11,962
12	22	99 031	82 828,615	3 192 150,500	38,539	38,078	62	72	76 168	30 260,734	359 576,998	11,883	11,422
13	23	99 006	81 583,632	3 109 321,885	38,112	37,651	63	73	74 148	29 022,711	329 316,264	11,347	10,886
14	24	98 981	80 357,348	3 027 738,253	37,678	37,218	64	74	71 962	27 751,033	300 293,553	10,821	10,360
15	25	98 952	79 147,017	2 947 380,905	37,239	36,779	65	75	69 655	26 464,144	272 542,520	10,299	9,838
16	26	98 918	77 950,080	2 868 233,888	36,796	36,335	66	76	67 205	25 156,238	246 078,376	9,782	9,321
17	27	98 877	76 766,861	2 790 283,808	36,348	35,887	67	77	64 613	23 828,381	220 922,138	9,271	8,811
18	28	98 830	75 596,350	2 713 516,946	35,895	35,434	68	78	61 926	22 499,958	197 093,757	8,760	8,299
19	29	98 769	74 432,695	2 637 920,596	35,440	34,980	69	79	59 058	21 140,836	174 593,799	8,259	7,798
20	30	98 704	73 285,024	2 563 487,902	34,980	34,519	70	80	56 032	19 761,128	153 452,964	7,765	7,305
21	31	98 636	72 151,791	2 490 202,878	34,513	34,053	71	81	52 839	18 359,768	133 691,835	7,282	6,821
22	32	98 564	71 033,877	2 418 051,086	34,041	33,580	72	82	49 439	16 924,536	115 332,067	6,814	6,354
23	33	98 490	69 931,278	2 347 017,209	33,562	33,101	73	83	45 877	15 473,022	98 407,531	6,360	5,899
24	34	98 414	68 844,740	2 277 085,931	33,076	32,615	74	84	42 095	13 987,693	82 934,510	5,929	5,468
25	35	98 331	67 770,377	2 208 241,191	32,584	32,123	75	85	38 181	12 499,589	68 946,816	5,516	5,055
26	36	98 242	66 708,191	2 140 470,814	32,087	31,626	76	86	34 156	11 016,764	56 447,227	5,124	4,663
27	37	98 152	65 662,067	2 073 762,624	31,582	31,122	77	87	30 074	9 556,555	45 430,463	4,754	4,293
28	38	98 058	64 629,947	2 008 100,556	31,071	30,610	78	88	26 003	8 140,801	35 873,908	4,407	3,946
29	39	97 958	63 610,107	1 943 470,609	30,553	30,092	79	89	22 025	6 793,701	27 733,106	4,082	3,621
30	40	97 846	62 598,383	1 879 860,502	30,030	29,570	80	90	18 239	5 542,677	20 939,405	3,778	3,317
31	41	97 733	61 601,688	1 817 262,119	29,500	29,039	81	91	14 688	4 397,579	15 396,728	3,501	3,040
32	42	97 605	60 612,045	1 755 660,431	28,966	28,505	82	92	11 489	3 388,916	10 999,149	3,246	2,785
33	43	97 467	59 631,667	1 695 048,386	28,425	27,965	83	93	8 682	2 523,147	7 610,233	3,016	2,555
34	44	97 311	58 656,636	1 635 416,718	27,881	27,420	84	94	6 321	1 809,927	5 087,086	2,811	2,350
35	45	97 151	57 694,555	1 576 760,082	27,329	26,869	85	95	4 435	1 250,934	3 277,159	2,620	2,159
36	46	96 973	56 737,914	1 519 065,527	26,773	26,313	86	96	2 970	825,428	2 026,225	2,455	1,994
37	47	96 773	55 783,920	1 462 327,613	26,214	25,753	87	97	1 895	518,877	1 200,797	2,314	1,853
38	48	96 550	54 833,361	1 406 543,692	25,651	25,190	88	98	1 164	314,014	681,920	2,172	1,711
39	49	96 306	53 886,251	1 351 710,331	25,085	24,624	89	99	676	179,763	367,906	2,047	1,586
40	50	96 033	52 939,299	1 297 824,081	24,515	24,055	90	100	371	97,100	188,142	1,938	1,477
41	51	95 737	51 996,344	1 244 884,782	23,942	23,481							
42	52	95 400	51 047,385	1 192 888,437	23,368	22,907							
43	53	95 055	50 111,136	1 141 841,053	22,786	22,325							
44	54	94 668	49 169,673	1 091 729,917	22,203	21,743							
45	55	94 244	48 225,841	1 042 560,244	21,618	21,157							
46	56	93 774	47 276,249	994 334,403	21,032	20,572							
47	57	93 264	46 324,327	947 058,154	20,444	19,983							
48	58	92 697	45 362,281	900 733,826	19,856	19,396							
49	59	92 068	44 388,578	855 371,545	19,270	18,809							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	4 267 073,549	42,834	42,373	50	61	90 903	43 179,560	790 129,168	18,299	17,838
1	12	99 275	97 807,559	4 167 453,932	42,609	42,148	51	62	90 105	42 167,857	746 949,608	17,714	17,253
2	13	99 244	96 332,750	4 069 646,373	42,246	41,785	52	63	89 233	41 142,619	704 781,751	17,130	16,669
3	14	99 223	94 888,988	3 973 313,623	41,873	41,412	53	64	88 276	40 099,699	663 639,132	16,550	16,089
4	15	99 202	93 466,983	3 878 424,635	41,495	41,034	54	65	87 226	39 037,381	623 539,432	15,973	15,512
5	16	99 180	92 064,530	3 784 957,653	41,112	40,651	55	66	86 094	37 961,184	584 502,051	15,397	14,937
6	17	99 158	90 684,133	3 692 893,122	40,723	40,262	56	67	84 855	36 861,816	546 540,867	14,827	14,366
7	18	99 136	89 324,346	3 602 208,989	40,327	39,866	57	68	83 528	35 749,336	509 679,051	14,257	13,796
8	19	99 110	87 981,446	3 512 884,644	39,928	39,467	58	69	82 091	34 615,170	473 929,715	13,691	13,231
9	20	99 087	86 660,379	3 424 903,198	39,521	39,060	59	70	80 517	33 449,473	439 314,545	13,134	12,673
10	21	99 062	85 358,857	3 338 242,819	39,108	38,648	60	71	78 815	32 258,726	405 865,072	12,582	12,121
11	22	99 038	84 076,855	3 252 883,962	38,689	38,229	61	72	76 984	31 043,486	373 606,346	12,035	11,574
12	23	99 015	82 814,718	3 168 807,107	38,264	37,803	62	73	75 030	29 808,400	342 562,860	11,492	11,031
13	24	98 990	81 570,289	3 085 992,389	37,832	37,372	63	74	72 907	28 536,986	312 754,460	10,960	10,499
14	25	98 964	80 344,148	3 004 422,100	37,394	36,934	64	75	70 653	27 246,183	284 217,474	10,431	9,971
15	26	98 933	79 131,630	2 924 077,952	36,952	36,491	65	76	68 253	25 931,686	256 971,291	9,910	9,449
16	27	98 900	77 936,186	2 844 946,323	36,504	36,043	66	77	65 717	24 599,057	231 039,605	9,392	8,931
17	28	98 857	76 750,760	2 767 010,137	36,052	35,591	67	78	63 066	23 257,966	206 440,548	8,876	8,415
18	29	98 807	75 578,359	2 690 259,377	35,596	35,135	68	79	60 241	21 887,790	183 182,581	8,369	7,908
19	30	98 744	74 414,327	2 614 681,018	35,137	34,676	69	80	57 239	20 489,521	161 294,791	7,872	7,411
20	31	98 676	73 264,300	2 540 266,691	34,673	34,212	70	81	54 056	19 064,321	140 805,271	7,386	6,925
21	32	98 604	72 128,558	2 467 002,391	34,203	33,742	71	82	50 704	17 617,753	121 740,949	6,910	6,449
22	33	98 531	71 010,017	2 394 873,832	33,726	33,265	72	83	47 115	16 129,044	104 123,197	6,456	5,995
23	34	98 455	69 906,786	2 323 863,816	33,242	32,782	73	84	43 345	14 618,975	87 994,152	6,019	5,558
24	35	98 376	68 818,456	2 253 957,030	32,752	32,291	74	85	39 410	13 095,446	73 375,178	5,603	5,142
25	36	98 285	67 738,732	2 185 138,574	32,258	31,798	75	86	35 367	11 578,448	60 279,732	5,206	4,745
26	37	98 195	66 676,380	2 117 399,842	31,756	31,296	76	87	31 244	10 077,271	48 701,284	4,833	4,372
27	38	98 102	65 628,912	2 050 723,462	31,247	30,786	77	88	27 094	8 609,551	38 624,013	4,486	4,025
28	39	98 004	64 594,135	1 985 094,549	30,732	30,271	78	89	23 056	7 218,416	30 014,462	4,158	3,697
29	40	97 895	63 568,720	1 920 500,414	30,211	29,751	79	90	19 188	5 918,630	22 796,046	3,852	3,391
30	41	97 784	62 558,750	1 856 931,694	29,683	29,222	80	91	15 556	4 727,255	16 877,416	3,570	3,109
31	42	97 661	61 556,537	1 794 372,944	29,150	28,689	81	92	12 251	3 667,897	12 150,162	3,313	2,852
32	43	97 526	60 563,140	1 732 816,407	28,612	28,151	82	93	9 330	2 751,984	8 482,265	3,082	2,621
33	44	97 379	59 578,256	1 672 253,266	28,068	27,607	83	94	6 864	1 994,652	5 730,281	2,873	2,412
34	45	97 219	58 601,155	1 612 675,011	27,520	27,059	84	95	4 871	1 394,628	3 735,630	2,679	2,218
35	46	97 046	57 632,495	1 554 073,855	26,965	26,504	85	96	3 307	932,879	2 341,002	2,509	2,049
36	47	96 858	56 670,726	1 496 441,360	26,406	25,945	86	97	2 140	594,876	1 408,123	2,367	1,906
37	48	96 647	55 711,437	1 439 770,634	25,843	25,383	87	98	1 336	365,943	813,247	2,222	1,762
38	49	96 404	54 750,173	1 384 059,197	25,280	24,819	88	99	793	213,836	447,304	2,092	1,631
39	50	96 144	53 795,503	1 329 309,024	24,710	24,250	89	100	444	118,059	233,468	1,978	1,517
40	51	95 856	52 841,684	1 275 513,522	24,138	23,678							
41	52	95 538	51 888,373	1 222 671,837	23,564	23,103							
42	53	95 189	50 934,855	1 170 783,464	22,986	22,525							
43	54	94 819	49 986,931	1 119 848,609	22,403	21,942							
44	55	94 407	49 034,246	1 069 861,678	21,819	21,358							
45	56	93 950	48 075,744	1 020 827,432	21,234	20,773							
46	57	93 457	47 116,380	972 751,688	20,646	20,185							
47	58	92 913	46 150,320	925 635,307	20,057	19,596							
48	59	92 310	45 172,959	879 484,988	19,469	19,008							
49	60	91 641	44 182,861	834 312,029	18,883	18,422							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	4 242 549,343	42,591	42,130	50	62	90 396	42 938,351	768 483,999	17,897	17,437
1	13	99 268	97 801,377	4 142 937,387	42,361	41,900	51	63	89 554	41 909,709	725 545,648	17,312	16,851
2	14	99 237	96 325,136	4 045 136,009	41,995	41,534	52	64	88 630	40 864,488	683 635,939	16,729	16,269
3	15	99 214	94 880,234	3 948 810,873	41,619	41,158	53	65	87 622	39 802,609	642 771,451	16,149	15,688
4	16	99 191	93 456,162	3 853 930,639	41,238	40,777	54	66	86 527	38 724,548	602 968,842	15,571	15,110
5	17	99 167	92 052,761	3 760 474,477	40,851	40,390	55	67	85 340	37 628,729	564 244,295	14,995	14,534
6	18	99 145	90 672,375	3 668 421,717	40,458	39,997	56	68	84 060	36 516,866	526 615,566	14,421	13,960
7	19	99 120	89 309,847	3 577 749,341	40,060	39,599	57	69	82 676	35 384,551	490 098,700	13,851	13,390
8	20	99 094	87 966,984	3 488 439,495	39,656	39,195	58	70	81 143	34 215,493	454 714,149	13,290	12,829
9	21	99 070	86 646,194	3 400 472,510	39,245	38,785	59	71	79 506	33 029,623	420 498,657	12,731	12,270
10	22	99 046	85 344,363	3 313 826,316	38,829	38,368	60	72	77 726	31 813,089	387 469,034	12,180	11,719
11	23	99 022	84 062,749	3 228 481,953	38,406	37,945	61	73	75 833	30 579,451	355 655,945	11,631	11,170
12	24	98 999	82 801,173	3 144 419,204	37,976	37,515	62	74	73 774	29 309,525	325 076,494	11,091	10,630
13	25	98 974	81 556,889	3 061 618,031	37,540	37,079	63	75	71 581	28 017,838	295 766,969	10,556	10,096
14	26	98 945	80 328,528	2 980 061,142	37,098	36,638	64	76	69 232	26 697,990	267 749,131	10,029	9,568
15	27	98 915	79 117,525	2 899 732,614	36,651	36,190	65	77	66 742	25 357,329	241 051,140	9,506	9,045
16	28	98 879	77 919,839	2 820 615,089	36,199	35,738	66	78	64 144	24 010,194	215 693,811	8,983	8,523
17	29	98 833	76 732,494	2 742 695,249	35,744	35,283	67	79	61 350	22 625,176	191 683,617	8,472	8,011
18	30	98 782	75 559,709	2 665 962,755	35,283	34,822	68	80	58 385	21 213,463	169 058,441	7,969	7,509
19	31	98 716	74 393,284	2 590 403,047	34,820	34,360	69	81	55 220	19 767,029	147 844,979	7,479	7,019
20	32	98 645	73 240,709	2 516 009,763	34,353	33,892	70	82	51 871	18 293,831	128 077,950	7,001	6,540
21	33	98 571	72 104,330	2 442 769,054	33,878	33,417	71	83	48 320	16 789,678	109 784,118	6,539	6,078
22	34	98 496	70 985,147	2 370 664,724	33,397	32,936	72	84	44 515	15 238,788	92 994,441	6,102	5,642
23	35	98 418	69 880,096	2 299 679,578	32,909	32,448	73	85	40 580	13 686,460	77 755,653	5,681	5,220
24	36	98 330	68 786,322	2 229 799,482	32,416	31,956	74	86	36 506	12 130,394	64 069,193	5,282	4,821
25	37	98 238	67 706,431	2 161 013,160	31,917	31,457	75	87	32 351	10 591,055	51 938,800	4,904	4,443
26	38	98 145	66 642,713	2 093 306,729	31,411	30,950	76	88	28 148	9 078,666	41 347,745	4,554	4,094
27	39	98 048	65 592,547	2 026 664,016	30,898	30,437	77	89	24 024	7 634,054	32 269,078	4,227	3,766
28	40	97 940	64 552,107	1 961 071,469	30,380	29,919	78	90	20 087	6 288,639	24 635,025	3,917	3,457
29	41	97 833	63 528,472	1 896 519,361	29,853	29,392	79	91	16 365	5 047,899	18 346,386	3,634	3,174
30	42	97 713	62 512,898	1 832 990,889	29,322	28,861	80	92	12 975	3 942,870	13 298,487	3,373	2,912
31	43	97 582	61 506,870	1 770 477,991	28,785	28,324	81	93	9 948	2 978,531	9 355,617	3,141	2,680
32	44	97 439	60 508,894	1 708 971,120	28,243	27,783	82	94	7 375	2 175,557	6 377,086	2,931	2,470
33	45	97 287	59 521,904	1 648 462,226	27,695	27,234	83	95	5 289	1 536,966	4 201,530	2,734	2,273
34	46	97 115	58 538,120	1 588 940,323	27,144	26,683	84	96	3 632	1 040,038	2 664,564	2,562	2,101
35	47	96 931	57 564,247	1 530 402,202	26,586	26,125	85	97	2 383	672,314	1 624,525	2,416	1,956
36	48	96 732	56 597,090	1 472 837,955	26,023	25,562	86	98	1 510	419,542	952,211	2,270	1,809
37	49	96 500	55 626,916	1 416 240,865	25,460	24,999	87	99	910	249,198	532,670	2,138	1,677
38	50	96 242	54 657,970	1 360 613,949	24,893	24,432	88	100	521	140,436	283,471	2,019	1,558
39	51	95 967	53 696,309	1 305 955,979	24,321	23,860							
40	52	95 657	52 731,958	1 252 259,669	23,748	23,287							
41	53	95 328	51 773,989	1 199 527,711	23,169	22,708							
42	54	94 954	50 808,609	1 147 753,722	22,590	22,129							
43	55	94 558	49 849,253	1 096 945,113	22,005	21,544							
44	56	94 113	48 881,633	1 047 095,859	21,421	20,960							
45	57	93 633	47 913,172	998 214,226	20,834	20,373							
46	58	93 106	46 939,398	950 301,055	20,245	19,784							
47	59	92 526	45 957,708	903 361,657	19,656	19,196							
48	60	91 882	44 963,606	857 403,949	19,069	18,608							
49	61	91 171	43 956,344	812 440,343	18,483	18,022							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	4 216 980,799	42,337	41,876	50	63	89 842	42 675,486	746 079,221	17,483	17,022
1	14	99 261	97 793,647	4 117 375,138	42,103	41,642	51	64	88 948	41 626,392	703 403,735	16,898	16,437
2	15	99 227	96 316,250	4 019 581,491	41,733	41,272	52	65	87 973	40 561,731	661 777,344	16,315	15,855
3	16	99 203	94 869,250	3 923 265,241	41,354	40,894	53	66	86 920	39 483,643	621 215,613	15,733	15,273
4	17	99 178	93 444,214	3 828 395,991	40,970	40,509	54	67	85 769	38 385,407	581 731,970	15,155	14,694
5	18	99 154	92 040,826	3 734 951,777	40,579	40,118	55	68	84 541	37 276,602	543 346,563	14,576	14,115
6	19	99 129	90 657,657	3 642 910,951	40,183	39,722	56	69	83 203	36 144,249	506 069,961	14,001	13,541
7	20	99 104	89 295,167	3 552 253,293	39,781	39,320	57	70	81 721	34 975,990	469 925,712	13,436	12,975
8	21	99 078	87 952,586	3 462 958,126	39,373	38,912	58	71	80 125	33 786,028	434 949,722	12,874	12,413
9	22	99 054	86 631,482	3 375 005,541	38,958	38,497	59	72	78 408	32 573,336	401 163,694	12,316	11,855
10	23	99 029	85 330,044	3 288 374,058	38,537	38,076	60	73	76 565	31 337,550	368 590,358	11,762	11,301
11	24	99 005	84 048,999	3 203 044,014	38,109	37,648	61	74	74 564	30 067,672	337 252,808	11,216	10,756
12	25	98 982	82 787,571	3 118 995,015	37,675	37,214	62	75	72 432	28 776,323	307 185,136	10,675	10,214
13	26	98 954	81 541,033	3 036 207,443	37,235	36,775	63	76	70 140	27 454,119	278 408,813	10,141	9,680
14	27	98 927	80 314,210	2 954 666,410	36,789	36,328	64	77	67 698	26 106,661	250 954,694	9,613	9,152
15	28	98 895	79 100,931	2 874 352,200	36,338	35,877	65	78	65 144	24 750,315	224 848,033	9,085	8,624
16	29	98 856	77 901,295	2 795 251,269	35,882	35,421	66	79	62 399	23 356,937	200 097,718	8,567	8,106
17	30	98 809	76 713,559	2 717 349,974	35,422	34,961	67	80	59 460	21 928,130	176 740,781	8,060	7,599
18	31	98 754	75 538,342	2 640 636,415	34,958	34,497	68	81	56 326	20 465,444	154 812,651	7,565	7,104
19	32	98 684	74 369,329	2 565 098,073	34,491	34,031	69	82	52 989	18 968,139	134 347,207	7,083	6,622
20	33	98 611	73 216,106	2 490 728,744	34,019	33,558	70	83	49 433	17 433,979	115 379,068	6,618	6,157
21	34	98 536	72 079,077	2 417 512,638	33,540	33,079	71	84	45 653	15 862,957	97 945,089	6,174	5,714
22	35	98 459	70 958,045	2 345 433,561	33,054	32,593	72	85	41 675	14 266,736	82 082,132	5,753	5,293
23	36	98 372	69 847,466	2 274 475,516	32,563	32,103	73	86	37 590	12 677,853	67 815,396	5,349	4,888
24	37	98 283	68 753,521	2 204 628,050	32,066	31,605	74	87	33 393	11 095,932	55 137,543	4,969	4,508
25	38	98 189	67 672,243	2 135 874,529	31,562	31,101	75	88	29 145	9 541,537	44 041,611	4,616	4,155
26	39	98 091	66 605,786	2 068 202,286	31,051	30,591	76	89	24 958	8 050,017	34 500,074	4,286	3,825
27	40	97 984	65 549,869	2 001 596,500	30,535	30,075	77	90	20 929	6 650,740	26 450,058	3,977	3,516
28	41	97 878	64 511,238	1 936 046,630	30,011	29,550	78	91	17 132	5 363,473	19 799,317	3,692	3,231
29	42	97 761	63 481,910	1 871 535,392	29,481	29,021	79	92	13 650	4 210,310	14 435,844	3,429	2,968
30	43	97 634	62 462,460	1 808 053,483	28,946	28,485	80	93	10 536	3 201,824	10 225,534	3,194	2,733
31	44	97 495	61 451,779	1 745 591,023	28,406	27,945	81	94	7 865	2 354,651	7 023,710	2,983	2,522
32	45	97 347	60 451,662	1 684 139,244	27,859	27,398	82	95	5 683	1 676,361	4 669,059	2,785	2,324
33	46	97 183	59 457,878	1 623 687,582	27,308	26,847	83	96	3 944	1 146,187	2 992,698	2,611	2,150
34	47	97 000	58 468,800	1 564 229,704	26,753	26,292	84	97	2 618	749,542	1 846,511	2,464	2,003
35	48	96 805	57 489,450	1 505 760,904	26,192	25,731	85	98	1 681	474,156	1 096,969	2,314	1,853
36	49	96 586	56 511,226	1 448 271,454	25,628	25,167	86	99	1 028	285,698	622,813	2,180	1,719
37	50	96 338	55 533,237	1 391 760,228	25,062	24,601	87	100	598	163,660	337,115	2,060	1,599
38	51	96 064	54 557,186	1 336 226,991	24,492	24,031							
39	52	95 767	53 584,808	1 281 669,805	23,919	23,458							
40	53	95 446	52 615,715	1 228 084,996	23,341	22,880							
41	54	95 091	51 645,664	1 175 469,281	22,760	22,299							
42	55	94 692	50 668,668	1 123 823,618	22,180	21,719							
43	56	94 264	49 694,104	1 073 154,950	21,595	21,134							
44	57	93 795	48 716,335	1 023 460,846	21,009	20,548							
45	58	93 281	47 733,196	974 744,511	20,421	19,960							
46	59	92 717	46 743,492	927 011,315	19,832	19,371							
47	60	92 097	45 744,719	880 267,822	19,243	18,782							
48	61	91 411	44 733,086	834 523,104	18,656	18,195							
49	62	90 662	43 710,796	789 790,017	18,069	17,608							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	4 190 376,036	42,073	41,612	50	64	89 235	42 386,992	722 951,041	17,056	16,595
1	15	99 251	97 784,626	4 090 778,248	41,835	41,374	51	65	88 289	41 317,990	680 564,049	16,471	16,011
2	16	99 216	96 305,099	3 992 993,623	41,462	41,001	52	66	87 268	40 236,682	639 246,059	15,887	15,426
3	17	99 190	94 857,122	3 896 688,523	41,080	40,619	53	67	86 158	39 137,854	599 009,377	15,305	14,844
4	18	99 165	93 432,099	3 801 831,402	40,691	40,230	54	68	84 967	38 026,199	559 871,523	14,723	14,263
5	19	99 138	92 025,886	3 708 399,303	40,297	39,837	55	69	83 679	36 896,232	521 845,324	14,144	13,683
6	20	99 113	90 642,756	3 616 373,417	39,897	39,436	56	70	82 242	35 726,917	484 949,091	13,574	13,113
7	21	99 088	89 280,551	3 525 730,661	39,490	39,030	57	71	80 695	34 536,980	449 222,175	13,007	12,546
8	22	99 061	87 937,652	3 436 450,110	39,078	38,617	58	72	79 018	33 319,291	414 685,195	12,446	11,985
9	23	99 037	86 616,947	3 348 512,458	38,659	38,198	59	73	77 236	32 086,433	381 365,904	11,886	11,425
10	24	99 013	85 316,088	3 261 895,511	38,233	37,772	60	74	75 283	30 813,083	349 279,471	11,335	10,875
11	25	98 989	84 035,193	3 176 579,423	37,801	37,340	61	75	73 207	29 520,678	318 466,388	10,788	10,327
12	26	98 963	82 771,476	3 092 544,230	37,362	36,902	62	76	70 975	28 197,344	288 945,710	10,247	9,786
13	27	98 937	81 526,499	3 009 772,754	36,918	36,457	63	77	68 587	26 846,043	260 748,367	9,713	9,252
14	28	98 907	80 297,365	2 928 246,254	36,468	36,007	64	78	66 078	25 481,709	233 902,324	9,179	8,718
15	29	98 871	79 082,106	2 847 948,890	36,013	35,552	65	79	63 371	24 076,921	208 420,615	8,656	8,196
16	30	98 831	77 882,072	2 768 866,784	35,552	35,091	66	80	60 476	22 637,347	184 343,694	8,143	7,683
17	31	98 781	76 691,866	2 690 984,712	35,088	34,627	67	81	57 364	21 154,911	161 706,347	7,644	7,183
18	32	98 723	75 514,018	2 614 292,847	34,620	34,159	68	82	54 050	19 638,327	140 551,436	7,157	6,696
19	33	98 651	74 344,348	2 538 778,829	34,149	33,688	69	83	50 498	18 076,593	120 913,108	6,689	6,228
20	34	98 577	73 190,464	2 464 434,481	33,672	33,211	70	84	46 705	16 471,696	102 836,515	6,243	5,782
21	35	98 499	72 051,558	2 391 244,017	33,188	32,727	71	85	42 741	14 851,091	86 364,820	5,815	5,355
22	36	98 413	70 924,912	2 319 192,460	32,699	32,238	72	86	38 604	13 215,367	71 513,729	5,411	4,951
23	37	98 325	69 814,159	2 248 267,547	32,204	31,743	73	87	34 384	11 596,705	58 298,363	5,027	4,566
24	38	98 234	68 718,805	2 178 453,388	31,701	31,240	74	88	30 084	9 996,383	46 701,658	4,672	4,211
25	39	98 134	67 634,746	2 109 734,584	31,193	30,732	75	89	25 843	8 460,442	36 705,275	4,338	3,878
26	40	98 027	66 562,449	2 042 099,838	30,679	30,219	76	90	21 744	7 013,124	28 244,833	4,027	3,567
27	41	97 922	65 508,368	1 975 537,389	30,157	29,696	77	91	17 850	5 672,303	21 231,708	3,743	3,282
28	42	97 806	64 463,955	1 910 029,021	29,629	29,169	78	92	14 289	4 473,522	15 559,405	3,478	3,017
29	43	97 682	63 430,689	1 845 565,066	29,096	28,635	79	93	11 085	3 419,000	11 085,884	3,242	2,782
30	44	97 546	62 406,512	1 782 134,377	28,557	28,096	80	94	8 329	2 531,174	7 666,884	3,029	2,568
31	45	97 403	61 393,655	1 719 727,864	28,011	27,551	81	95	6 060	1 814,361	5 135,710	2,831	2,370
32	46	97 242	60 386,636	1 658 334,210	27,462	27,001	82	96	4 238	1 250,140	3 321,348	2,657	2,196
33	47	97 068	59 387,469	1 597 947,573	26,907	26,446	83	97	2 842	826,042	2 071,208	2,507	2,047
34	48	96 873	58 392,828	1 538 560,104	26,348	25,888	84	98	1 846	528,622	1 245,166	2,355	1,895
35	49	96 659	57 402,232	1 480 167,277	25,786	25,325	85	99	1 145	322,889	716,544	2,219	1,758
36	50	96 423	56 416,057	1 422 765,044	25,219	24,758	86	100	675	187,631	393,655	2,098	1,637
37	51	96 160	55 430,839	1 366 348,987	24,650	24,189							
38	52	95 865	54 443,898	1 310 918,148	24,078	23,618							
39	53	95 556	53 466,685	1 256 474,250	23,500	23,039							
40	54	95 209	52 485,303	1 203 007,565	22,921	22,460							
41	55	94 830	51 503,417	1 150 522,262	22,339	21,878							
42	56	94 397	50 510,968	1 099 018,845	21,758	21,297							
43	57	93 945	49 526,059	1 048 507,877	21,171	20,710							
44	58	93 443	48 533,343	998 981,819	20,583	20,123							
45	59	92 892	47 533,978	950 448,476	19,995	19,534							
46	60	92 287	46 526,861	902 914,498	19,406	18,946							
47	61	91 625	45 510,194	856 387,636	18,817	18,357							
48	62	90 900	44 483,199	810 877,442	18,229	17,768							
49	63	90 107	43 443,202	766 394,243	17,641	17,180							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	4 162 746,729	41,799	41,339	50	65	88 574	42 072,955	699 140,727	16,617	16,157
1	16	99 240	97 773,305	4 063 158,129	41,557	41,096	51	66	87 582	40 986,880	657 067,772	16,031	15,570
2	17	99 203	96 292,788	3 965 384,824	41,180	40,720	52	67	86 504	39 884,298	616 080,891	15,447	14,986
3	18	99 177	94 844,823	3 869 092,037	40,794	40,333	53	68	85 352	38 771,605	576 196,593	14,861	14,401
4	19	99 149	93 416,933	3 774 247,214	40,402	39,941	54	69	84 100	37 638,181	537 424,988	14,279	13,818
5	20	99 122	92 010,760	3 680 830,281	40,004	39,544	55	70	82 712	36 470,218	499 786,807	13,704	13,243
6	21	99 096	90 627,920	3 588 819,521	39,599	39,139	56	71	81 210	35 278,481	463 316,589	13,133	12,672
7	22	99 071	89 265,391	3 498 191,601	39,189	38,728	57	72	79 581	34 059,869	428 038,109	12,567	12,106
8	23	99 044	87 926,898	3 408 926,210	38,772	38,311	58	73	77 837	32 821,238	393 978,240	12,004	11,543
9	24	99 021	86 602,780	3 321 003,312	38,348	37,887	59	74	75 943	31 549,433	361 157,002	11,447	10,987
10	25	98 997	85 302,073	3 234 400,532	37,917	37,456	60	75	73 914	30 252,528	329 607,569	10,895	10,434
11	26	98 970	84 018,855	3 149 098,459	37,481	37,020	61	76	71 734	28 926,722	299 355,041	10,349	9,888
12	27	98 945	82 756,723	3 065 079,604	37,037	36,576	62	77	69 403	27 572,806	270 428,319	9,808	9,347
13	28	98 916	81 509,400	2 982 322,880	36,589	36,128	63	78	66 945	26 203,391	242 855,514	9,268	8,807
14	29	98 883	80 278,255	2 900 813,481	36,134	35,674	64	79	64 280	24 788,415	216 652,123	8,740	8,279
15	30	98 847	79 062,591	2 820 535,226	35,675	35,214	65	80	61 419	23 335,150	191 863,708	8,222	7,761
16	31	98 803	77 860,048	2 741 472,635	35,210	34,749	66	81	58 344	21 839,120	168 528,558	7,717	7,256
17	32	98 749	76 667,170	2 663 612,588	34,743	34,282	67	82	55 045	20 299,929	146 689,438	7,226	6,765
18	33	98 689	75 488,652	2 586 945,417	34,269	33,809	68	83	51 509	18 715,281	126 389,508	6,753	6,292
19	34	98 617	74 318,310	2 511 456,765	33,793	33,332	69	84	47 711	17 078,840	107 674,227	6,305	5,844
20	35	98 539	73 162,520	2 437 138,455	33,311	32,850	70	85	43 726	15 420,999	90 595,388	5,875	5,414
21	36	98 453	72 017,914	2 363 975,934	32,825	32,364	71	86	39 591	13 756,658	75 174,389	5,465	5,004
22	37	98 366	70 891,091	2 291 958,020	32,331	31,870	72	87	35 312	12 088,380	61 417,730	5,081	4,620
23	38	98 275	69 778,908	2 221 066,929	31,830	31,369	73	88	30 977	10 447,532	49 329,351	4,722	4,261
24	39	98 179	68 680,727	2 151 288,021	31,323	30,862	74	89	26 675	8 863,752	38 881,819	4,387	3,926
25	40	98 070	67 590,739	2 082 607,294	30,812	30,351	75	90	22 514	7 370,684	30 018,066	4,073	3,612
26	41	97 965	66 520,307	2 015 016,555	30,292	29,831	76	91	18 545	5 981,374	22 647,382	3,786	3,326
27	42	97 850	65 460,354	1 948 496,248	29,766	29,305	77	92	14 888	4 731,108	16 666,007	3,523	3,062
28	43	97 727	64 411,942	1 883 035,894	29,234	28,773	78	93	11 603	3 632,742	11 934,899	3,285	2,825
29	44	97 595	63 373,875	1 818 623,952	28,697	28,236	79	94	8 763	2 702,860	8 302,157	3,072	2,611
30	45	97 454	62 347,485	1 755 250,077	28,153	27,692	80	95	6 418	1 950,380	5 599,297	2,871	2,410
31	46	97 298	61 327,616	1 692 902,592	27,604	27,143	81	96	4 519	1 353,053	3 648,917	2,697	2,236
32	47	97 127	60 315,127	1 631 574,976	27,051	26,590	82	97	3 054	900,960	2 295,864	2,548	2,087
33	48	96 941	59 310,303	1 571 259,849	26,492	26,031	83	98	2 005	582,574	1 394,904	2,394	1,934
34	49	96 727	58 304,239	1 511 949,547	25,932	25,471	84	99	1 257	359,979	812,330	2,257	1,796
35	50	96 496	57 305,563	1 453 645,307	25,367	24,906	85	100	752	212,056	452,351	2,133	1,672
36	51	96 245	56 312,032	1 396 339,744	24,796	24,336							
37	52	95 960	55 315,737	1 340 027,712	24,225	23,764							
38	53	95 653	54 323,881	1 284 711,976	23,649	23,188							
39	54	95 319	53 334,164	1 230 388,095	23,069	22,609							
40	55	94 947	52 340,744	1 177 053,931	22,488	22,027							
41	56	94 534	51 343,119	1 124 713,188	21,906	21,445							
42	57	94 078	50 340,161	1 073 370,069	21,322	20,862							
43	58	93 592	49 340,024	1 023 029,908	20,734	20,273							
44	59	93 053	48 330,785	973 689,883	20,146	19,686							
45	60	92 461	47 313,684	925 359,098	19,558	19,097							
46	61	91 814	46 288,327	878 045,415	18,969	18,508							
47	62	91 113	45 255,966	831 757,088	18,379	17,918							
48	63	90 344	44 210,877	786 501,122	17,790	17,329							
49	64	89 498	43 149,518	742 290,245	17,203	16,742							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	4 134 104,570	41,517	41,056	50	66	87 864	41 735,796	674 690,231	16,166	15,705
1	17	99 227	97 760,806	4 034 527,500	41,269	40,809	51	67	86 815	40 627,927	632 954,436	15,579	15,118
2	18	99 190	96 280,303	3 936 766,694	40,889	40,428	52	68	85 694	39 511,064	592 326,509	14,991	14,531
3	19	99 161	94 829,428	3 840 486,391	40,499	40,038	53	69	84 481	38 375,981	552 815,445	14,405	13,944
4	20	99 133	93 401,578	3 745 656,963	40,103	39,642	54	70	83 129	37 203,599	514 439,464	13,828	13,367
5	21	99 105	91 995,699	3 652 255,385	39,700	39,239	55	71	81 674	36 012,452	477 235,865	13,252	12,791
6	22	99 080	90 612,531	3 560 259,686	39,291	38,830	56	72	80 088	34 791,127	441 223,413	12,682	12,221
7	23	99 054	89 250,415	3 469 647,154	38,875	38,415	57	73	78 391	33 550,745	406 432,286	12,114	11,653
8	24	99 028	87 908,517	3 380 396,740	38,454	37,993	58	74	76 534	32 271,940	372 881,541	11,554	11,094
9	25	99 004	86 588,554	3 292 488,223	38,025	37,564	59	75	74 561	30 975,482	340 609,601	10,996	10,535
10	26	98 977	85 285,489	3 205 899,668	37,590	37,129	60	76	72 426	29 643,848	309 634,119	10,445	9,984
11	27	98 952	84 003,880	3 120 614,179	37,148	36,688	61	77	70 146	28 286,029	279 990,271	9,899	9,438
12	28	98 925	82 739,365	3 036 610,300	36,701	36,240	62	78	67 741	26 912,756	251 704,242	9,353	8,892
13	29	98 892	81 490,001	2 953 870,934	36,248	35,787	63	79	65 124	25 490,462	224 791,486	8,819	8,358
14	30	98 859	80 258,445	2 872 380,933	35,789	35,328	64	80	62 300	24 024,724	199 301,024	8,296	7,835
15	31	98 819	79 040,233	2 792 122,489	35,325	34,865	65	81	59 253	22 512,317	175 276,300	7,786	7,325
16	32	98 771	77 834,977	2 713 082,256	34,857	34,396	66	82	55 986	20 956,486	152 763,983	7,290	6,829
17	33	98 716	76 641,417	2 635 247,279	34,384	33,923	67	83	52 458	19 345,786	131 807,497	6,813	6,352
18	34	98 655	75 462,214	2 558 605,862	33,906	33,445	68	84	48 666	17 682,275	112 461,711	6,360	5,899
19	35	98 579	74 289,936	2 483 143,648	33,425	32,964	69	85	44 667	15 989,415	94 779,436	5,928	5,467
20	36	98 493	73 128,358	2 408 853,712	32,940	32,479	70	86	40 503	14 284,568	78 790,021	5,516	5,055
21	37	98 406	71 983,572	2 335 725,354	32,448	31,987	71	87	36 215	12 583,511	64 505,454	5,126	4,665
22	38	98 316	70 855,296	2 263 741,782	31,949	31,488	72	88	31 813	10 890,485	51 921,943	4,768	4,307
23	39	98 221	69 740,243	2 192 886,486	31,444	30,983	73	89	27 467	9 263,784	41 031,458	4,429	3,968
24	40	98 115	68 636,040	2 123 146,243	30,933	30,473	74	90	23 239	7 722,046	31 767,674	4,114	3,653
25	41	98 008	67 547,946	2 054 510,203	30,416	29,955	75	91	19 202	6 286,331	24 045,628	3,825	3,364
26	42	97 893	66 471,551	1 986 962,257	29,892	29,431	76	92	15 468	4 988,896	17 759,296	3,560	3,099
27	43	97 771	65 407,537	1 920 490,706	29,362	28,901	77	93	12 090	3 841,916	12 770,401	3,324	2,863
28	44	97 640	64 354,248	1 855 083,168	28,826	28,365	78	94	9 173	2 871,832	8 928,485	3,109	2,648
29	45	97 502	63 313,933	1 790 728,920	28,283	27,823	79	95	6 752	2 082,672	6 056,652	2,908	2,447
30	46	97 349	62 280,420	1 727 414,988	27,736	27,275	80	96	4 786	1 454,489	3 973,981	2,732	2,271
31	47	97 183	61 254,992	1 665 134,567	27,184	26,723	81	97	3 257	975,128	2 519,492	2,584	2,123
32	48	97 001	60 236,756	1 603 879,575	26,626	26,165	82	98	2 154	635,411	1 544,364	2,430	1,970
33	49	96 794	59 220,322	1 543 642,819	26,066	25,605	83	99	1 365	396,719	908,953	2,291	1,830
34	50	96 564	58 206,051	1 484 422,497	25,503	25,042	84	100	826	236,414	512,234	2,167	1,706
35	51	96 318	57 199,898	1 426 216,446	24,934	24,473							
36	52	96 045	56 195,099	1 369 016,548	24,362	23,901							
37	53	95 749	55 193,798	1 312 821,449	23,786	23,325							
38	54	95 416	54 189,235	1 257 627,651	23,208	22,747							
39	55	95 057	53 187,267	1 203 438,417	22,626	22,166							
40	56	94 652	52 177,839	1 150 251,150	22,045	21,584							
41	57	94 215	51 169,498	1 098 073,310	21,460	20,999							
42	58	93 725	50 151,068	1 046 903,813	20,875	20,414							
43	59	93 201	49 134,100	996 752,744	20,286	19,826							
44	60	92 622	48 106,798	947 618,644	19,698	19,237							
45	61	91 987	47 071,115	899 511,846	19,110	18,649							
46	62	91 301	46 029,752	852 440,731	18,519	18,059							
47	63	90 555	44 978,913	806 410,979	17,929	17,468							
48	64	89 733	43 912,003	761 432,066	17,340	16,879							
49	65	88 835	42 829,832	717 520,063	16,753	16,292							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	4 104 462,338	41,224	40,763	50	67	87 094	41 370,283	649 639,573	15,703	15,242
1	18	99 214	97 748,131	4 004 897,997	40,972	40,511	51	68	86 002	40 247,734	608 269,290	15,113	14,652
2	19	99 174	96 264,675	3 907 149,866	40,588	40,127	52	69	84 820	39 107,894	568 021,556	14,524	14,064
3	20	99 145	94 813,841	3 810 885,192	40,193	39,733	53	70	83 506	37 932,880	528 913,662	13,943	13,483
4	21	99 117	93 386,290	3 716 071,351	39,792	39,332	54	71	82 085	36 736,629	490 980,782	13,365	12,904
5	22	99 089	91 980,079	3 622 685,061	39,386	38,925	55	72	80 546	35 514,958	454 244,153	12,790	12,329
6	23	99 063	90 597,329	3 530 704,982	38,971	38,511	56	73	78 891	34 271,072	418 729,195	12,218	11,757
7	24	99 038	89 235,817	3 440 107,653	38,551	38,090	57	74	77 079	32 989,239	384 458,123	11,654	11,193
8	25	99 012	87 894,077	3 350 871,836	38,124	37,663	58	75	75 142	31 684,845	351 468,884	11,093	10,632
9	26	98 985	86 571,720	3 262 977,760	37,691	37,230	59	76	73 061	30 352,256	319 784,039	10,536	10,075
10	27	98 960	85 270,288	3 176 406,040	37,251	36,790	60	77	70 822	28 987,271	289 431,783	9,985	9,524
11	28	98 932	83 986,260	3 091 135,752	36,805	36,344	61	78	68 466	27 608,906	260 444,512	9,433	8,973
12	29	98 901	82 719,674	3 007 149,492	36,353	35,893	62	79	65 898	26 180,527	232 835,606	8,893	8,433
13	30	98 868	81 469,892	2 924 429,818	35,896	35,435	63	80	63 117	24 705,142	206 655,079	8,365	7,904
14	31	98 831	80 235,749	2 842 959,925	35,433	34,972	64	81	60 103	23 177,576	181 949,937	7,850	7,389
15	32	98 787	79 014,782	2 762 724,177	34,965	34,504	65	82	56 859	21 602,475	158 772,361	7,350	6,889
16	33	98 738	77 808,831	2 683 709,395	34,491	34,030	66	83	53 354	19 971,483	137 169,886	6,868	6,407
17	34	98 681	76 614,575	2 605 900,564	34,013	33,552	67	84	49 562	18 277,979	117 198,402	6,412	5,951
18	35	98 617	75 433,403	2 529 285,988	33,530	33,069	68	85	45 562	16 554,358	98 920,423	5,975	5,515
19	36	98 533	74 255,247	2 453 852,585	33,046	32,585	69	86	41 376	14 811,095	82 366,066	5,561	5,100
20	37	98 446	73 093,486	2 379 597,338	32,556	32,095	70	87	37 049	13 066,401	67 554,971	5,170	4,709
21	38	98 356	71 947,225	2 306 503,852	32,058	31,597	71	88	32 626	11 336,551	54 488,570	4,806	4,346
22	39	98 262	70 816,035	2 234 556,627	31,554	31,094	72	89	28 208	9 656,549	43 152,019	4,469	4,008
23	40	98 157	69 694,866	2 163 740,592	31,046	30,585	73	90	23 929	8 070,551	33 495,470	4,150	3,690
24	41	98 053	68 592,585	2 094 045,726	30,529	30,068	74	91	19 820	6 586,001	25 424,919	3,860	3,400
25	42	97 937	67 498,437	2 025 453,141	30,007	29,547	75	92	16 016	5 243,252	18 838,918	3,593	3,132
26	43	97 814	66 417,918	1 957 954,704	29,479	29,019	76	93	12 561	4 051,254	13 595,666	3,356	2,895
27	44	97 684	65 348,952	1 891 536,785	28,945	28,484	77	94	9 558	3 037,193	9 544,412	3,143	2,682
28	45	97 547	64 293,379	1 826 187,833	28,404	27,943	78	95	7 068	2 212,872	6 507,219	2,941	2,480
29	46	97 397	63 245,828	1 761 894,454	27,858	27,397	79	96	5 035	1 553,145	4 294,347	2,765	2,304
30	47	97 234	62 206,669	1 698 648,626	27,307	26,846	80	97	3 449	1 048,231	2 741,202	2,615	2,154
31	48	97 056	61 175,399	1 636 441,958	26,750	26,289	81	98	2 297	687,719	1 692,971	2,462	2,001
32	49	96 854	60 145,370	1 575 266,558	26,191	25,730	82	99	1 467	432,700	1 005,253	2,323	1,862
33	50	96 631	59 120,591	1 515 121,188	25,628	25,167	83	100	897	260,543	572,553	2,198	1,737
34	51	96 386	58 098,725	1 456 000,597	25,061	24,600							
35	52	96 118	57 081,122	1 397 901,872	24,490	24,029							
36	53	95 834	56 071,222	1 340 820,750	23,913	23,452							
37	54	95 512	55 056,995	1 284 749,528	23,335	22,874							
38	55	95 154	54 039,983	1 229 692,533	22,755	22,294							
39	56	94 761	53 021,728	1 175 652,550	22,173	21,712							
40	57	94 331	52 001,395	1 122 630,823	21,588	21,128							
41	58	93 861	50 977,290	1 070 629,427	21,002	20,541							
42	59	93 334	49 941,759	1 019 652,137	20,417	19,956							
43	60	92 770	48 906,390	969 710,378	19,828	19,367							
44	61	92 147	47 860,164	920 803,988	19,239	18,779							
45	62	91 473	46 808,167	872 943,824	18,649	18,189							
46	63	90 742	45 747,962	826 135,657	18,058	17,598							
47	64	89 943	44 674,847	780 387,695	17,468	17,007							
48	65	89 068	43 586,668	735 712,848	16,879	16,419							
49	66	88 123	42 486,607	692 126,180	16,290	15,830							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	4 073 831,560	40,922	40,461	50	68	86 279	40 983,143	624 034,438	15,227	14,766
1	19	99 198	97 732,264	3 974 280,129	40,665	40,204	51	69	85 125	39 837,047	583 051,295	14,636	14,175
2	20	99 158	96 248,852	3 876 547,864	40,276	39,816	52	70	83 841	38 656,343	543 214,248	14,052	13,592
3	21	99 129	94 798,322	3 780 299,013	39,877	39,416	53	71	82 458	37 456,756	504 557,905	13,470	13,010
4	22	99 100	93 370,433	3 685 500,691	39,472	39,011	54	72	80 951	36 229,131	467 101,150	12,893	12,432
5	23	99 072	91 964,646	3 592 130,257	39,060	38,599	55	73	79 342	34 984,084	430 872,019	12,316	11,855
6	24	99 047	90 582,511	3 500 165,611	38,641	38,180	56	74	77 570	33 697,510	395 887,934	11,748	11,287
7	25	99 022	89 221,158	3 409 583,100	38,215	37,754	57	75	75 677	32 389,095	362 190,424	11,182	10,722
8	26	98 993	87 876,989	3 320 361,942	37,784	37,323	58	76	73 630	31 047,346	329 801,330	10,623	10,162
9	27	98 968	86 556,290	3 232 484,953	37,345	36,885	59	77	71 443	29 679,989	298 753,983	10,066	9,605
10	28	98 939	85 252,403	3 145 928,664	36,901	36,441	60	78	69 127	28 293,361	269 073,994	9,510	9,049
11	29	98 908	83 966,272	3 060 676,261	36,451	35,990	61	79	66 604	26 857,737	240 780,633	8,965	8,504
12	30	98 877	82 699,262	2 976 709,989	35,994	35,534	62	80	63 868	25 373,947	213 922,896	8,431	7,970
13	31	98 840	81 446,854	2 894 010,727	35,533	35,072	63	81	60 892	23 834,001	188 548,949	7,911	7,450
14	32	98 799	80 209,913	2 812 563,873	35,065	34,604	64	82	57 674	22 240,848	164 714,947	7,406	6,945
15	33	98 754	78 988,240	2 732 353,961	34,592	34,131	65	83	54 186	20 587,109	142 474,100	6,921	6,460
16	34	98 704	77 781,580	2 653 365,721	34,113	33,652	66	84	50 409	18 869,140	121 886,990	6,460	5,999
17	35	98 643	76 585,324	2 575 584,140	33,630	33,169	67	85	46 401	17 112,063	103 017,851	6,020	5,559
18	36	98 571	75 398,180	2 498 998,816	33,144	32,683	68	86	42 204	15 334,405	85 905,787	5,602	5,141
19	37	98 486	74 219,838	2 423 600,636	32,654	32,194	69	87	37 847	13 548,027	70 571,382	5,209	4,748
20	38	98 397	73 056,579	2 349 380,797	32,158	31,698	70	88	33 378	11 771,589	57 023,356	4,844	4,383
21	39	98 302	71 907,358	2 276 324,218	31,656	31,196	71	89	28 930	10 052,074	45 251,766	4,502	4,041
22	40	98 198	70 769,958	2 204 416,860	31,149	30,688	72	90	24 575	8 412,725	35 199,693	4,184	3,723
23	41	98 095	69 650,741	2 133 646,902	30,634	30,173	73	91	20 409	6 883,236	26 786,967	3,892	3,431
24	42	97 981	68 542,311	2 063 996,161	30,113	29,652	74	92	16 532	5 493,198	19 903,732	3,623	3,163
25	43	97 858	67 443,976	1 995 453,850	29,587	29,126	75	93	13 006	4 257,805	14 410,534	3,384	2,924
26	44	97 727	66 358,428	1 928 009,874	29,054	28,594	76	94	9 930	3 202,683	10 152,729	3,170	2,709
27	45	97 591	65 287,142	1 861 651,446	28,515	28,054	77	95	7 365	2 340,289	6 950,046	2,970	2,509
28	46	97 442	64 224,221	1 796 364,304	27,970	27,509	78	96	5 271	1 650,241	4 609,757	2,793	2,333
29	47	97 282	63 170,933	1 732 140,083	27,420	26,959	79	97	3 629	1 119,332	2 959,515	2,644	2,183
30	48	97 108	62 125,839	1 668 969,150	26,864	26,404	80	98	2 433	739,275	1 840,184	2,489	2,028
31	49	96 909	61 082,590	1 606 843,311	26,306	25,845	81	99	1 564	468,320	1 100,909	2,351	1,890
32	50	96 690	60 044,081	1 545 760,721	25,744	25,283	82	100	963	284,173	632,589	2,226	1,765
33	51	96 453	59 011,579	1 485 716,640	25,177	24,716							
34	52	96 185	57 978,083	1 426 705,061	24,608	24,147							
35	53	95 906	56 955,291	1 368 726,979	24,032	23,571							
36	54	95 596	55 932,245	1 311 771,688	23,453	22,992							
37	55	95 249	54 905,353	1 255 839,443	22,873	22,412							
38	56	94 857	53 871,790	1 200 934,090	22,292	21,832							
39	57	94 441	52 842,430	1 147 062,300	21,707	21,246							
40	58	93 977	51 806,063	1 094 219,870	21,121	20,661							
41	59	93 469	50 764,533	1 042 413,807	20,534	20,073							
42	60	92 901	49 710,306	991 649,274	19,949	19,488							
43	61	92 294	48 655,656	941 938,968	19,359	18,898							
44	62	91 632	47 592,808	893 283,312	18,769	18,308							
45	63	90 913	46 521,612	845 690,504	18,178	17,718							
46	64	90 129	45 438,697	799 168,892	17,588	17,127							
47	65	89 277	44 343,860	753 730,195	16,997	16,537							
48	66	88 355	43 237,378	709 386,335	16,407	15,946							
49	67	87 351	42 114,519	666 148,957	15,818	15,357							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	4 042 222,506	40,611	40,150	50	69	85 399	40 564,952	597 914,002	14,740	14,279
1	20	99 182	97 716,200	3 942 687,233	40,348	39,888	51	70	84 142	39 377,077	557 349,050	14,154	13,693
2	21	99 142	96 233,098	3 844 971,033	39,955	39,494	52	71	82 788	38 171,137	517 971,974	13,570	13,109
3	22	99 112	94 782,225	3 748 737,935	39,551	39,090	53	72	81 318	36 939,310	479 800,836	12,989	12,528
4	23	99 083	93 354,768	3 653 955,710	39,141	38,680	54	73	79 741	35 687,581	442 861,526	12,409	11,949
5	24	99 056	91 949,605	3 560 600,942	38,723	38,263	55	74	78 014	34 398,589	407 173,945	11,837	11,376
6	25	99 031	90 567,631	3 468 651,337	38,299	37,838	56	75	76 159	33 084,481	372 775,356	11,267	10,807
7	26	99 002	89 203,812	3 378 083,706	37,869	37,408	57	76	74 154	31 737,426	339 690,875	10,703	10,242
8	27	98 975	87 861,325	3 288 879,894	37,433	36,972	58	77	71 999	30 359,684	307 953,448	10,143	9,683
9	28	98 947	86 538,135	3 201 018,569	36,990	36,529	59	78	69 733	28 969,496	277 593,764	9,582	9,121
10	29	98 915	85 232,113	3 114 480,434	36,541	36,080	60	79	67 246	27 523,570	248 624,268	9,033	8,572
11	30	98 884	83 945,552	3 029 248,320	36,086	35,625	61	80	64 552	26 030,293	221 100,698	8,494	8,033
12	31	98 849	82 675,876	2 945 302,768	35,625	35,164	62	81	61 616	24 479,224	195 070,405	7,969	7,508
13	32	98 808	81 420,627	2 862 626,893	35,158	34,698	63	82	58 431	22 870,743	170 591,181	7,459	6,998
14	33	98 766	80 182,969	2 781 206,265	34,686	34,225	64	83	54 963	21 195,477	147 720,437	6,969	6,509
15	34	98 719	78 960,576	2 701 023,296	34,207	33,746	65	84	51 195	19 450,786	126 524,961	6,505	6,044
16	35	98 666	77 751,884	2 622 062,719	33,723	33,263	66	85	47 194	17 665,515	107 074,174	6,061	5,600
17	36	98 597	76 549,564	2 544 310,835	33,237	32,777	67	86	42 982	15 851,011	89 408,659	5,641	5,180
18	37	98 524	75 362,226	2 467 761,271	32,745	32,285	68	87	38 605	14 026,710	73 557,648	5,244	4,783
19	38	98 436	74 182,362	2 392 399,045	32,250	31,789	69	88	34 097	12 205,488	59 530,938	4,877	4,417
20	39	98 342	73 016,098	2 318 216,683	31,749	31,289	70	89	29 596	10 437,821	47 325,405	4,534	4,073
21	40	98 238	71 860,572	2 245 200,585	31,244	30,783	71	90	25 203	8 757,304	36 887,630	4,212	3,751
22	41	98 136	70 725,152	2 173 340,013	30,729	30,269	72	91	20 960	7 175,070	28 130,326	3,921	3,460
23	42	98 023	69 599,691	2 102 614,861	30,210	29,749	73	92	17 022	5 741,113	20 955,256	3,650	3,189
24	43	97 902	68 487,007	2 033 015,171	29,685	29,224	74	93	13 424	4 460,775	15 214,143	3,411	2,950
25	44	97 770	67 383,567	1 964 528,164	29,154	28,694	75	94	10 282	3 365,970	10 753,368	3,195	2,734
26	45	97 634	66 295,663	1 897 144,597	28,616	28,156	76	95	7 651	2 467,807	7 387,398	2,994	2,533
27	46	97 486	65 216,915	1 830 848,934	28,073	27,612	77	96	5 492	1 745,262	4 919,591	2,819	2,358
28	47	97 327	64 148,167	1 765 632,019	27,524	27,063	78	97	3 799	1 189,308	3 174,329	2,669	2,208
29	48	97 156	63 088,851	1 701 483,852	26,970	26,509	79	98	2 559	789,419	1 985,021	2,515	2,054
30	49	96 960	62 031,588	1 638 395,001	26,412	25,951	80	99	1 657	503,429	1 195,602	2,375	1,914
31	50	96 746	60 979,723	1 576 363,413	25,851	25,390	81	100	1 027	307,567	692,173	2,250	1,790
32	51	96 512	59 933,366	1 515 383,691	25,284	24,824							
33	52	96 253	58 889,041	1 455 450,325	24,715	24,254							
34	53	95 973	57 850,275	1 396 561,284	24,141	23,680							
35	54	95 668	56 814,123	1 338 711,009	23,563	23,102							
36	55	95 333	55 778,192	1 281 896,886	22,982	22,521							
37	56	94 952	54 734,467	1 226 118,694	22,401	21,940							
38	57	94 537	53 689,617	1 171 384,227	21,818	21,357							
39	58	94 086	52 643,939	1 117 694,610	21,231	20,770							
40	59	93 585	51 589,847	1 065 050,671	20,645	20,184							
41	60	93 036	50 529,266	1 013 460,825	20,057	19,596							
42	61	92 425	49 455,451	962 931,558	19,471	19,010							
43	62	91 778	48 383,857	913 476,107	18,880	18,419							
44	63	91 071	47 301,449	865 092,250	18,289	17,828							
45	64	90 299	46 207,117	817 790,802	17,698	17,238							
46	65	89 461	45 102,051	771 583,685	17,108	16,647							
47	66	88 561	43 988,502	726 481,634	16,515	16,054							
48	67	87 581	42 858,715	682 493,132	15,924	15,463							
49	68	86 534	41 720,414	639 634,417	15,331	14,871							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	4 009 648,267	40,290	39,830	50	70	84 413	40 096,577	571 327,185	14,249	13,788
1	21	99 166	97 700,206	3 910 129,355	40,022	39,561	51	71	83 086	38 882,825	531 230,608	13,662	13,202
2	22	99 125	96 216,758	3 812 429,149	39,623	39,163	52	72	81 645	37 643,823	492 347,783	13,079	12,618
3	23	99 095	94 766,323	3 716 212,391	39,214	38,754	53	73	80 103	36 387,145	454 703,960	12,496	12,035
4	24	99 067	93 339,499	3 621 446,068	38,799	38,338	54	74	78 407	35 090,312	418 316,816	11,921	11,460
5	25	99 040	91 934,500	3 528 106,569	38,376	37,916	55	75	76 595	33 772,806	383 226,503	11,347	10,886
6	26	99 011	90 550,023	3 436 172,069	37,948	37,487	56	76	74 627	32 418,822	349 453,697	10,779	10,319
7	27	98 985	89 187,913	3 345 622,046	37,512	37,051	57	77	72 512	31 034,480	317 034,876	10,216	9,755
8	28	98 954	87 842,897	3 256 434,133	37,071	36,610	58	78	70 276	29 632,921	286 000,396	9,651	9,191
9	29	98 923	86 517,540	3 168 591,236	36,624	36,163	59	79	67 836	28 181,309	256 367,475	9,097	8,636
10	30	98 891	85 211,081	3 082 073,697	36,170	35,709	60	80	65 174	26 675,613	228 186,166	8,554	8,093
11	31	98 856	83 921,814	2 996 862,616	35,710	35,249	61	81	62 276	25 112,426	201 510,553	8,024	7,564
12	32	98 817	82 649,254	2 912 940,802	35,245	34,784	62	82	59 126	23 489,889	176 398,127	7,510	7,049
13	33	98 775	81 393,278	2 830 291,548	34,773	34,312	63	83	55 684	21 795,766	152 908,238	7,016	6,555
14	34	98 731	80 154,887	2 748 898,271	34,295	33,834	64	84	51 929	20 025,574	131 112,472	6,547	6,086
15	35	98 681	78 930,430	2 668 743,383	33,811	33,351	65	85	47 930	18 210,059	111 086,898	6,100	5,640
16	36	98 620	77 715,579	2 589 812,954	33,324	32,863	66	86	43 716	16 363,677	92 876,838	5,676	5,215
17	37	98 550	76 513,061	2 512 097,375	32,832	32,371	67	87	39 316	14 499,260	76 513,161	5,277	4,816
18	38	98 474	75 324,173	2 435 584,314	32,335	31,874	68	88	34 780	12 636,736	62 013,901	4,907	4,447
19	39	98 382	74 141,257	2 360 260,141	31,835	31,374	69	89	30 233	10 822,557	49 377,164	4,562	4,102
20	40	98 278	72 968,590	2 286 118,884	31,330	30,869	70	90	25 784	9 093,364	38 554,607	4,240	3,779
21	41	98 175	71 815,075	2 213 150,294	30,817	30,357	71	91	21 496	7 468,955	29 461,243	3,944	3,484
22	42	98 064	70 673,314	2 141 335,219	30,299	29,838	72	92	17 482	5 984,524	21 992,288	3,675	3,214
23	43	97 944	69 543,534	2 070 661,904	29,775	29,314	73	93	13 823	4 662,095	16 007,764	3,434	2,973
24	44	97 815	68 425,664	2 001 118,370	29,245	28,784	74	94	10 613	3 526,426	11 345,669	3,217	2,757
25	45	97 677	67 319,832	1 932 692,707	28,709	28,248	75	95	7 922	2 593,626	7 819,243	3,015	2,554
26	46	97 529	66 224,351	1 865 372,875	28,167	27,707	76	96	5 706	1 840,358	5 225,617	2,839	2,379
27	47	97 371	65 139,686	1 799 148,523	27,620	27,159	77	97	3 958	1 257,788	3 385,259	2,691	2,231
28	48	97 201	64 064,815	1 734 008,837	27,066	26,606	78	98	2 679	838,771	2 127,470	2,536	2,076
29	49	97 008	62 993,138	1 669 944,022	26,510	26,049	79	99	1 743	537,576	1 288,700	2,397	1,936
30	50	96 797	61 927,122	1 606 950,884	25,949	25,488	80	100	1 088	330,624	751,124	2,272	1,811
31	51	96 568	60 867,282	1 545 023,762	25,383	24,923							
32	52	96 312	59 808,914	1 484 156,480	24,815	24,354							
33	53	96 041	58 759,225	1 424 347,566	24,240	23,780							
34	54	95 736	57 706,888	1 365 588,341	23,664	23,203							
35	55	95 405	56 657,641	1 307 881,453	23,084	22,623							
36	56	95 036	55 604,589	1 251 223,812	22,502	22,041							
37	57	94 631	54 549,378	1 195 619,223	21,918	21,457							
38	58	94 181	53 487,944	1 141 069,845	21,333	20,872							
39	59	93 693	52 424,225	1 087 581,901	20,746	20,285							
40	60	93 151	51 350,755	1 035 157,676	20,159	19,698							
41	61	92 559	50 270,213	983 806,921	19,570	19,110							
42	62	91 908	49 179,184	933 536,708	18,982	18,522							
43	63	91 217	48 087,655	884 357,525	18,391	17,930							
44	64	90 455	46 981,682	836 269,870	17,800	17,339							
45	65	89 630	45 864,778	789 288,188	17,209	16,748							
46	66	88 744	44 740,617	743 423,410	16,616	16,156							
47	67	87 786	43 603,261	698 682,793	16,024	15,563							
48	68	86 761	42 457,646	655 079,531	15,429	14,968							
49	69	85 651	41 294,700	612 621,885	14,835	14,375							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	3 976 118,593	39,960	39,499	50	71	83 353	39 593,294	544 342,713	13,748	13,288
1	22	99 149	97 683,617	3 876 615,970	39,685	39,225	51	72	81 938	38 345,678	504 749,419	13,163	12,702
2	23	99 108	96 200,615	3 778 932,353	39,282	38,821	52	73	80 424	37 081,127	466 403,740	12,578	12,117
3	24	99 079	94 750,823	3 682 731,739	38,868	38,407	53	74	78 762	35 778,168	429 322,614	12,000	11,539
4	25	99 051	93 324,166	3 587 980,916	38,446	37,986	54	75	76 980	34 451,945	393 544,446	11,423	10,962
5	26	99 020	91 916,627	3 494 656,749	38,020	37,559	55	76	75 054	33 093,298	359 092,501	10,851	10,390
6	27	98 994	90 533,883	3 402 740,123	37,585	37,124	56	77	72 974	31 700,783	325 999,203	10,284	9,823
7	28	98 964	89 169,206	3 312 206,239	37,145	36,684	57	78	70 776	30 291,563	294 298,420	9,716	9,255
8	29	98 931	87 821,991	3 223 037,033	36,700	36,239	58	79	68 364	28 826,684	264 006,857	9,158	8,698
9	30	98 899	86 496,190	3 135 215,042	36,247	35,786	59	80	65 746	27 313,088	235 180,173	8,611	8,150
10	31	98 863	85 186,985	3 048 718,852	35,789	35,328	60	81	62 876	25 734,991	207 867,085	8,077	7,616
11	32	98 824	83 894,791	2 963 531,867	35,324	34,864	61	82	59 759	24 097,500	182 132,094	7,558	7,097
12	33	98 784	82 621,491	2 879 637,077	34,853	34,393	62	83	56 347	22 385,810	158 034,594	7,060	6,599
13	34	98 740	81 364,772	2 797 015,586	34,376	33,915	63	84	52 611	20 592,730	135 648,784	6,587	6,126
14	35	98 694	80 124,285	2 715 650,814	33,893	33,432	64	85	48 617	18 748,183	115 056,054	6,137	5,676
15	36	98 635	78 893,574	2 635 526,530	33,406	32,945	65	86	44 398	16 868,092	96 307,871	5,709	5,249
16	37	98 573	77 678,519	2 556 632,956	32,913	32,452	66	87	39 988	14 968,207	79 439,780	5,307	4,846
17	38	98 501	76 474,427	2 478 954,436	32,415	31,955	67	88	35 420	13 062,460	64 471,573	4,936	4,475
18	39	98 420	75 282,436	2 402 480,009	31,913	31,452	68	89	30 839	11 204,943	51 409,113	4,588	4,127
19	40	98 318	74 093,017	2 327 197,574	31,409	30,948	69	90	26 339	9 428,544	40 204,170	4,264	3,803
20	41	98 216	72 922,392	2 253 104,556	30,897	30,436	70	91	21 991	7 755,576	30 775,626	3,968	3,507
21	42	98 103	71 762,439	2 180 182,165	30,381	29,920	71	92	17 929	6 229,645	23 020,050	3,695	3,234
22	43	97 985	70 616,292	2 108 419,726	29,857	29,397	72	93	14 196	4 859,758	16 790,405	3,455	2,994
23	44	97 856	69 481,244	2 037 803,434	29,329	28,868	73	94	10 928	3 685,578	11 930,647	3,237	2,776
24	45	97 722	68 360,943	1 968 322,190	28,793	28,332	74	95	8 177	2 717,265	8 245,069	3,034	2,574
25	46	97 572	67 247,419	1 899 961,247	28,253	27,792	75	96	5 908	1 934,187	5 527,804	2,858	2,397
26	47	97 414	66 145,929	1 832 713,828	27,707	27,246	76	97	4 112	1 326,322	3 593,617	2,709	2,249
27	48	97 244	65 055,045	1 766 567,899	27,155	26,694	77	98	2 792	887,067	2 267,294	2,556	2,095
28	49	97 053	63 967,622	1 701 512,854	26,600	26,139	78	99	1 824	571,183	1 380,227	2,416	1,956
29	50	96 845	62 887,053	1 637 545,232	26,039	25,579	79	100	1 145	353,050	809,044	2,292	1,831
30	51	96 619	61 812,935	1 574 658,178	25,475	25,014							
31	52	96 367	60 740,891	1 512 845,243	24,907	24,446							
32	53	96 099	59 677,070	1 452 104,353	24,333	23,872							
33	54	95 803	58 613,586	1 392 427,283	23,756	23,295							
34	55	95 472	57 547,948	1 333 813,697	23,177	22,717							
35	56	95 108	56 481,301	1 276 265,750	22,596	22,135							
36	57	94 715	55 416,557	1 219 784,449	22,011	21,550							
37	58	94 276	54 344,474	1 164 367,891	21,426	20,965							
38	59	93 788	53 264,708	1 110 023,417	20,840	20,379							
39	60	93 259	52 181,267	1 056 758,709	20,252	19,791							
40	61	92 674	51 087,490	1 004 577,442	19,664	19,203							
41	62	92 042	49 989,394	953 489,952	19,074	18,613							
42	63	91 346	48 878,113	903 500,558	18,485	18,024							
43	64	90 600	47 762,573	854 622,446	17,893	17,432							
44	65	89 785	46 633,604	806 859,872	17,302	16,841							
45	66	88 911	45 497,232	760 226,268	16,709	16,248							
46	67	87 967	44 348,789	714 729,036	16,116	15,655							
47	68	86 964	43 195,225	670 380,247	15,520	15,059							
48	69	85 876	42 024,409	627 185,022	14,924	14,464							
49	70	84 662	40 817,900	585 160,613	14,336	13,875							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	3 941 642,659	39,620	39,159	50	72	82 202	39 046,333	517 014,445	13,241	12,780
1	23	99 132	97 667,228	3 842 156,931	39,339	38,878	51	73	80 713	37 772,491	477 968,111	12,654	12,193
2	24	99 092	96 184,880	3 744 489,704	38,930	38,469	52	74	79 078	36 460,535	440 195,620	12,073	11,612
3	25	99 063	94 735,259	3 648 304,824	38,511	38,050	53	75	77 329	35 127,287	403 735,085	11,493	11,033
4	26	99 032	93 306,023	3 553 569,565	38,085	37,624	54	76	75 432	33 758,773	368 607,798	10,919	10,458
5	27	99 003	91 900,244	3 460 263,543	37,652	37,192	55	77	73 391	32 360,320	334 849,025	10,348	9,887
6	28	98 973	90 514,894	3 368 363,299	37,213	36,753	56	78	71 227	30 941,916	302 488,705	9,776	9,315
7	29	98 940	89 147,985	3 277 848,404	36,769	36,308	57	79	68 850	29 467,406	271 546,789	9,215	8,754
8	30	98 906	87 800,320	3 188 700,420	36,318	35,857	58	80	66 257	27 938,580	242 079,384	8,665	8,204
9	31	98 871	86 471,730	3 100 900,100	35,860	35,399	59	81	63 427	26 349,988	214 140,804	8,127	7,666
10	32	98 831	85 159,554	3 014 428,370	35,397	34,937	60	82	60 335	24 694,904	187 790,816	7,604	7,144
11	33	98 791	83 866,610	2 929 268,816	34,928	34,467	61	83	56 950	22 964,862	163 095,913	7,102	6,641
12	34	98 749	82 592,525	2 845 402,206	34,451	33,990	62	84	53 236	21 150,206	140 131,051	6,626	6,165
13	35	98 703	81 333,707	2 762 809,652	33,969	33,508	63	85	49 255	19 279,161	118 980,844	6,171	5,711
14	36	98 647	80 086,872	2 681 475,945	33,482	33,021	64	86	45 034	17 366,559	99 701,684	5,741	5,280
15	37	98 588	78 855,953	2 601 389,073	32,989	32,528	65	87	40 611	15 429,606	82 335,125	5,336	4,875
16	38	98 523	77 639,297	2 522 533,120	32,490	32,030	66	88	36 025	13 484,936	66 905,519	4,962	4,501
17	39	98 446	76 432,052	2 444 893,823	31,988	31,527	67	89	31 407	11 582,430	53 420,583	4,612	4,151
18	40	98 356	75 233,453	2 368 461,771	31,481	31,021	68	90	26 867	9 761,677	41 838,152	4,286	3,825
19	41	98 256	74 046,107	2 293 228,318	30,970	30,509	69	91	22 464	8 041,445	32 076,476	3,989	3,528
20	42	98 144	72 868,944	2 219 182,211	30,454	29,994	70	92	18 342	6 468,707	24 035,031	3,716	3,255
21	43	98 024	71 704,537	2 146 313,267	29,933	29,472	71	93	14 559	5 058,810	17 566,324	3,472	3,012
22	44	97 897	70 553,041	2 074 608,730	29,405	28,944	72	94	11 223	3 841,839	12 507,514	3,256	2,795
23	45	97 763	69 415,525	2 004 055,689	28,870	28,410	73	95	8 420	2 839,898	8 665,676	3,051	2,591
24	46	97 617	68 287,410	1 934 640,163	28,331	27,870	74	96	6 098	2 026,390	5 825,777	2,875	2,414
25	47	97 457	67 167,785	1 866 352,754	27,786	27,326	75	97	4 258	1 393,944	3 799,387	2,726	2,265
26	48	97 287	66 059,981	1 799 184,969	27,236	26,775	76	98	2 900	935,402	2 405,443	2,572	2,111
27	49	97 097	64 956,350	1 733 124,987	26,681	26,221	77	99	1 901	604,072	1 470,041	2,434	1,973
28	50	96 890	63 859,896	1 668 168,638	26,122	25,662	78	100	1 198	375,121	865,970	2,309	1,848
29	51	96 666	62 771,096	1 604 308,741	25,558	25,097							
30	52	96 418	61 684,580	1 541 537,645	24,991	24,530							
31	53	96 155	60 606,992	1 479 853,065	24,417	23,956							
32	54	95 861	59 529,156	1 419 246,073	23,841	23,380							
33	55	95 539	58 452,148	1 359 716,918	23,262	22,801							
34	56	95 175	57 368,837	1 301 264,770	22,682	22,222							
35	57	94 786	56 290,304	1 243 895,933	22,098	21,637							
36	58	94 359	55 208,397	1 187 605,629	21,511	21,051							
37	59	93 882	54 117,664	1 132 397,232	20,925	20,464							
38	60	93 354	53 017,854	1 078 279,569	20,338	19,877							
39	61	92 781	51 913,744	1 025 261,714	19,749	19,289							
40	62	92 156	50 802,106	973 347,971	19,160	18,699							
41	63	91 478	49 683,363	922 545,865	18,569	18,108							
42	64	90 728	48 547,688	872 862,502	17,979	17,519							
43	65	89 929	47 408,710	824 314,814	17,387	16,927							
44	66	89 066	46 259,897	776 906,104	16,794	16,334							
45	67	88 133	45 098,778	730 646,207	16,201	15,740							
46	68	87 144	43 933,776	685 547,429	15,604	15,143							
47	69	86 077	42 754,462	641 613,653	15,007	14,546							
48	70	84 884	41 539,183	598 859,191	14,417	13,956							
49	71	83 599	40 305,563	557 320,008	13,827	13,367							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	3 906 230,042	39,271	38,810	50	73	80 973	38 462,673	489 405,592	12,724	12,263
1	24	99 116	97 651,253	3 806 761,006	38,983	38,522	51	74	79 362	37 140,329	450 942,920	12,142	11,681
2	25	99 076	96 169,080	3 709 109,753	38,569	38,108	52	75	77 640	35 797,241	413 802,591	11,560	11,099
3	26	99 043	94 716,841	3 612 940,673	38,145	37,684	53	76	75 774	34 420,527	378 005,350	10,982	10,521
4	27	99 014	93 289,392	3 518 223,833	37,713	37,252	54	77	73 761	33 011,056	343 584,823	10,408	9,947
5	28	98 982	91 880,968	3 424 934,441	37,276	36,815	55	78	71 635	31 585,665	310 573,768	9,833	9,372
6	29	98 949	90 493,353	3 333 053,473	36,832	36,371	56	79	69 289	30 100,064	278 988,103	9,269	8,808
7	30	98 916	89 125,986	3 242 560,120	36,382	35,921	57	80	66 729	28 559,562	248 888,039	8,715	8,254
8	31	98 878	87 775,491	3 153 434,134	35,926	35,465	58	81	63 921	26 953,423	220 328,477	8,174	7,714
9	32	98 839	86 443,886	3 065 658,643	35,464	35,003	59	82	60 864	25 285,045	193 375,053	7,648	7,187
10	33	98 798	85 130,948	2 979 214,757	34,996	34,535	60	83	57 499	23 534,187	168 090,008	7,142	6,682
11	34	98 756	83 837,237	2 894 083,809	34,520	34,059	61	84	53 806	21 697,297	144 555,821	6,662	6,202
12	35	98 711	82 561,022	2 810 246,572	34,038	33,578	62	85	49 841	19 801,077	122 858,525	6,205	5,744
13	36	98 657	81 295,729	2 727 685,550	33,553	33,092	63	86	45 625	17 858,407	103 057,448	5,771	5,310
14	37	98 600	80 048,682	2 646 389,821	33,060	32,599	64	87	41 194	15 885,565	85 199,041	5,363	4,903
15	38	98 538	78 816,136	2 566 341,139	32,561	32,100	65	88	36 587	13 900,613	69 313,476	4,986	4,526
16	39	98 469	77 596,277	2 487 525,003	32,057	31,596	66	89	31 943	11 957,038	55 412,863	4,634	4,174
17	40	98 382	76 382,321	2 409 928,727	31,551	31,090	67	90	27 361	10 090,541	43 455,825	4,307	3,846
18	41	98 293	75 185,821	2 333 546,405	31,037	30,576	68	91	22 914	8 325,568	33 365,284	4,008	3,547
19	42	98 184	73 991,836	2 258 360,584	30,522	30,061	69	92	18 737	6 707,142	25 039,716	3,733	3,272
20	43	98 065	72 810,149	2 184 368,749	30,001	29,540	70	93	14 894	5 252,941	18 332,574	3,490	3,029
21	44	97 936	71 640,312	2 111 558,599	29,474	29,014	71	94	11 510	3 999,198	13 079,633	3,271	2,810
22	45	97 804	70 486,308	2 039 918,287	28,941	28,480	72	95	8 648	2 960,304	9 080,436	3,067	2,607
23	46	97 658	69 340,858	1 969 431,979	28,402	27,941	73	96	6 279	2 117,844	6 120,132	2,890	2,429
24	47	97 501	68 206,545	1 900 091,121	27,858	27,397	74	97	4 395	1 460,394	4 002,288	2,741	2,280
25	48	97 330	67 080,509	1 831 884,577	27,309	26,848	75	98	3 003	983,092	2 541,894	2,586	2,125
26	49	97 140	65 959,761	1 764 804,067	26,756	26,295	76	99	1 975	636,986	1 558,802	2,447	1,986
27	50	96 933	64 846,959	1 698 844,306	26,198	25,737	77	100	1 248	396,721	921,816	2,324	1,863
28	51	96 711	63 742,145	1 633 997,347	25,634	25,174							
29	52	96 466	62 640,752	1 570 255,203	25,068	24,607							
30	53	96 205	61 548,601	1 507 614,451	24,495	24,034							
31	54	95 916	60 456,773	1 446 065,850	23,919	23,458							
32	55	95 597	59 365,196	1 385 609,077	23,340	22,880							
33	56	95 241	58 270,222	1 326 243,881	22,760	22,299							
34	57	94 853	57 174,839	1 267 973,658	22,177	21,716							
35	58	94 430	56 078,862	1 210 798,820	21,591	21,130							
36	59	93 965	54 977,980	1 154 719,958	21,003	20,543							
37	60	93 447	53 866,857	1 099 741,978	20,416	19,955							
38	61	92 875	52 746,042	1 045 875,120	19,829	19,368							
39	62	92 262	51 623,744	993 129,078	19,238	18,777							
40	63	91 592	50 491,100	941 505,334	18,647	18,186							
41	64	90 860	49 347,494	891 014,235	18,056	17,595							
42	65	90 056	48 188,008	841 666,740	17,466	17,006							
43	66	89 208	47 028,791	793 478,733	16,872	16,411							
44	67	88 286	45 854,764	746 449,941	16,279	15,818							
45	68	87 308	44 676,746	700 595,178	15,681	15,221							
46	69	86 255	43 485,477	655 918,431	15,084	14,623							
47	70	85 083	42 260,806	612 432,954	14,492	14,031							
48	71	83 819	41 017,793	570 172,148	13,901	13,440							
49	72	82 444	39 748,762	529 154,354	13,312	12,852							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	3 869 889,226	38,912	38,451	50	74	79 618	37 818,960	461 572,859	12,205	11,744
1	25	99 100	97 635,212	3 770 436,459	38,618	38,157	51	75	77 918	36 464,668	423 753,900	11,621	11,160
2	26	99 057	96 150,383	3 672 801,247	38,199	37,738	52	76	76 078	35 077,001	387 289,232	11,041	10,580
3	27	99 026	94 699,958	3 576 650,864	37,768	37,307	53	77	74 095	33 658,153	352 212,231	10,464	10,004
4	28	98 993	93 269,825	3 481 950,906	37,332	36,871	54	78	71 995	32 220,823	318 554,079	9,887	9,426
5	29	98 958	91 859,101	3 388 681,081	36,890	36,429	55	79	69 686	30 726,298	286 333,256	9,319	8,858
6	30	98 925	90 471,022	3 296 821,980	36,441	35,980	56	80	67 155	29 172,730	255 606,958	8,762	8,301
7	31	98 888	89 100,782	3 206 350,958	35,986	35,525	57	81	64 376	27 552,509	226 434,228	8,218	7,757
8	32	98 847	87 747,227	3 117 250,175	35,525	35,065	58	82	61 338	25 864,093	198 881,720	7,689	7,229
9	33	98 806	86 414,849	3 029 502,948	35,058	34,597	59	83	58 003	24 096,590	173 017,627	7,180	6,719
10	34	98 763	85 101,133	2 943 088,100	34,583	34,123	60	84	54 325	22 235,197	148 921,036	6,698	6,237
11	35	98 718	83 805,229	2 857 986,967	34,103	33,642	61	85	50 374	20 313,269	126 685,839	6,237	5,776
12	36	98 665	82 522,471	2 774 181,738	33,617	33,156	62	86	46 168	18 341,861	106 372,570	5,799	5,339
13	37	98 610	81 256,963	2 691 659,267	33,125	32,664	63	87	41 734	16 335,469	88 030,709	5,389	4,928
14	38	98 551	80 008,262	2 610 402,304	32,627	32,166	64	88	37 111	14 311,388	71 695,240	5,010	4,549
15	39	98 484	78 772,464	2 530 394,042	32,123	31,662	65	89	32 442	12 325,617	57 383,852	4,656	4,195
16	40	98 404	77 545,789	2 451 621,579	31,615	31,154	66	90	27 829	10 416,897	45 058,234	4,325	3,865
17	41	98 320	76 333,962	2 374 075,790	31,101	30,640	67	91	23 336	8 606,051	34 641,337	4,025	3,564
18	42	98 221	75 130,714	2 297 741,828	30,583	30,122	68	92	19 112	6 944,121	26 035,286	3,749	3,288
19	43	98 104	73 932,135	2 222 611,114	30,063	29,602	69	93	15 215	5 446,563	19 091,165	3,505	3,044
20	44	97 977	72 744,934	2 148 678,979	29,537	29,076	70	94	11 775	4 152,666	13 644,602	3,286	2,825
21	45	97 844	71 572,551	2 075 934,045	29,005	28,544	71	95	8 869	3 081,556	9 491,936	3,080	2,619
22	46	97 699	70 410,489	2 004 361,494	28,467	28,006	72	96	6 449	2 207,636	6 410,380	2,904	2,443
23	47	97 542	69 258,745	1 933 951,005	27,924	27,463	73	97	4 525	1 526,303	4 202,744	2,754	2,293
24	48	97 375	68 117,919	1 864 692,260	27,374	26,914	74	98	3 100	1 029,957	2 676,441	2,599	2,138
25	49	97 182	66 978,741	1 796 574,341	26,823	26,362	75	99	2 045	669,463	1 646,485	2,459	1,999
26	50	96 976	65 848,680	1 729 595,600	26,266	25,805	76	100	1 297	418,337	977,022	2,335	1,875
27	51	96 755	64 727,388	1 663 746,920	25,704	25,243							
28	52	96 510	63 609,784	1 599 019,532	25,138	24,677							
29	53	96 253	62 502,665	1 535 409,748	24,566	24,105							
30	54	95 967	61 396,048	1 472 907,083	23,990	23,529							
31	55	95 652	60 290,259	1 411 511,035	23,412	22,951							
32	56	95 300	59 180,429	1 351 220,777	22,832	22,371							
33	57	94 919	58 073,176	1 292 040,348	22,248	21,788							
34	58	94 497	56 960,074	1 233 967,171	21,664	21,203							
35	59	94 036	55 844,812	1 177 007,098	21,076	20,616							
36	60	93 530	54 723,187	1 121 162,285	20,488	20,027							
37	61	92 968	53 590,692	1 066 439,098	19,900	19,439							
38	62	92 356	52 451,393	1 012 848,406	19,310	18,849							
39	63	91 698	51 307,708	960 397,013	18,718	18,258							
40	64	90 973	50 149,770	909 089,305	18,127	17,667							
41	65	90 187	48 981,889	858 939,535	17,536	17,075							
42	66	89 334	47 801,844	809 957,646	16,944	16,483							
43	67	88 427	46 616,924	762 155,802	16,349	15,889							
44	68	87 460	45 425,658	715 538,878	15,752	15,291							
45	69	86 417	44 220,866	670 113,220	15,154	14,693							
46	70	85 259	42 983,381	625 892,354	14,561	14,100							
47	71	84 015	41 730,359	582 908,973	13,968	13,508							
48	72	82 661	40 451,153	541 178,614	13,379	12,918							
49	73	81 212	39 154,602	500 727,461	12,788	12,328							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	3 832 628,180	38,544	38,083	50	75	78 170	37 130,953	433 597,195	11,678	11,217
1	26	99 080	97 616,230	3 733 191,750	38,244	37,783	51	76	76 351	35 730,999	396 466,243	11,096	10,635
2	27	99 039	96 133,246	3 635 575,520	37,818	37,357	52	77	74 393	34 300,087	360 735,243	10,517	10,056
3	28	99 005	94 680,095	3 539 442,275	37,383	36,922	53	78	72 322	32 852,429	326 435,157	9,936	9,476
4	29	98 970	93 247,627	3 444 762,179	36,942	36,481	54	79	70 036	31 344,175	293 582,728	9,366	8,906
5	30	98 934	91 836,434	3 351 514,552	36,494	36,034	55	80	67 539	29 779,670	262 238,553	8,806	8,345
6	31	98 897	90 445,438	3 259 678,118	36,040	35,579	56	81	64 787	28 144,055	232 458,883	8,260	7,799
7	32	98 856	89 072,092	3 169 232,680	35,581	35,120	57	82	61 774	26 438,966	204 314,828	7,728	7,267
8	33	98 813	87 717,752	3 080 160,589	35,114	34,654	58	83	58 455	24 648,421	177 875,861	7,217	6,756
9	34	98 771	86 384,584	2 992 442,837	34,641	34,180	59	84	54 802	22 766,558	153 227,440	6,730	6,270
10	35	98 726	85 068,642	2 906 058,253	34,161	33,701	60	85	50 860	20 816,858	130 460,882	6,267	5,806
11	36	98 672	83 766,097	2 820 989,611	33,677	33,216	61	86	46 662	18 816,309	109 644,024	5,827	5,366
12	37	98 618	82 483,119	2 737 223,514	33,185	32,724	62	87	42 231	16 777,695	90 827,715	5,414	4,953
13	38	98 560	81 215,933	2 654 740,394	32,687	32,227	63	88	37 599	14 716,709	74 050,021	5,032	4,571
14	39	98 496	79 963,929	2 573 524,461	32,184	31,723	64	89	32 907	12 689,850	59 333,311	4,676	4,215
15	40	98 420	78 721,210	2 493 560,532	31,676	31,215	65	90	28 263	10 738,001	46 643,461	4,344	3,883
16	41	98 342	77 496,692	2 414 839,321	31,161	30,700	66	91	23 735	8 884,394	35 905,460	4,041	3,581
17	42	98 248	76 278,013	2 337 342,629	30,642	30,182	67	92	19 464	7 178,064	27 021,066	3,764	3,304
18	43	98 142	75 070,095	2 261 064,615	30,119	29,659	68	93	15 520	5 639,003	19 843,002	3,519	3,058
19	44	98 016	73 865,914	2 185 994,521	29,594	29,133	69	94	12 028	4 305,733	14 203,999	3,299	2,838
20	45	97 884	72 676,128	2 112 128,606	29,062	28,601	70	95	9 073	3 199,810	9 898,266	3,093	2,633
21	46	97 739	71 495,563	2 039 452,478	28,526	28,065	71	96	6 614	2 298,059	6 698,456	2,915	2,454
22	47	97 583	70 327,109	1 967 956,915	27,983	27,522	72	97	4 648	1 591,015	4 400,397	2,766	2,305
23	48	97 416	69 168,752	1 897 629,806	27,435	26,974	73	98	3 192	1 076,440	2 809,382	2,610	2,149
24	49	97 227	68 014,577	1 828 461,053	26,883	26,423	74	99	2 111	701,376	1 732,942	2,471	2,010
25	50	97 019	66 865,944	1 760 446,476	26,328	25,867	75	100	1 343	439,666	1 031,566	2,346	1,885
26	51	96 797	65 727,262	1 693 580,532	25,767	25,306							
27	52	96 554	64 592,981	1 627 853,270	25,202	24,741							
28	53	96 297	63 469,561	1 563 260,289	24,630	24,169							
29	54	96 014	62 347,747	1 499 790,728	24,055	23,594							
30	55	95 703	61 226,947	1 437 442,981	23,477	23,016							
31	56	95 354	60 102,612	1 376 216,034	22,898	22,437							
32	57	94 977	58 980,305	1 316 113,422	22,314	21,854							
33	58	94 563	57 855,037	1 257 133,117	21,729	21,268							
34	59	94 102	56 722,346	1 199 278,080	21,143	20,682							
35	60	93 600	55 586,002	1 142 555,734	20,555	20,094							
36	61	93 050	54 442,632	1 086 969,732	19,965	19,505							
37	62	92 449	53 291,325	1 032 527,101	19,375	18,914							
38	63	91 791	52 130,290	979 235,776	18,784	18,324							
39	64	91 078	50 960,858	927 105,486	18,193	17,732							
40	65	90 299	49 778,221	876 144,628	17,601	17,140							
41	66	89 464	48 589,363	826 366,407	17,007	16,546							
42	67	88 552	47 383,207	777 777,044	16,415	15,954							
43	68	87 599	46 180,686	730 393,837	15,816	15,355							
44	69	86 567	44 962,136	684 213,151	15,218	14,757							
45	70	85 419	43 710,279	639 251,015	14,625	14,164							
46	71	84 189	42 443,864	595 540,736	14,031	13,570							
47	72	82 854	41 153,875	553 096,872	13,440	12,979							
48	73	81 425	39 846,493	511 942,997	12,848	12,387							
49	74	79 853	38 499,308	472 096,504	12,262	11,802							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	44 820,204	982 685,038	21,925	21,464
1	0	99 661	98 188,574	4 380 097,256	44,609	44,148	51	50	93 896	43 941,816	937 864,834	21,343	20,883
2	1	99 349	96 434,447	4 281 908,682	44,402	43,941	52	51	93 387	43 057,991	893 923,017	20,761	20,300
3	2	99 314	94 975,541	4 185 474,235	44,069	43,608	53	52	92 821	42 164,414	850 865,027	20,180	19,719
4	3	99 289	93 548,575	4 090 498,694	43,726	43,265	54	53	92 198	41 262,618	808 700,613	19,599	19,138
5	4	99 268	92 146,380	3 996 950,119	43,376	42,915	55	54	91 509	40 348,966	767 437,995	19,020	18,559
6	5	99 250	90 768,004	3 904 803,739	43,020	42,559	56	55	90 738	39 417,745	727 089,029	18,446	17,985
7	6	99 234	89 412,477	3 814 035,735	42,657	42,196	57	56	89 883	38 469,138	687 671,285	17,876	17,415
8	7	99 217	88 076,118	3 724 623,258	42,289	41,828	58	57	88 946	37 505,429	649 202,146	17,310	16,849
9	8	99 205	86 763,759	3 636 547,140	41,913	41,452	59	58	87 927	36 528,027	611 696,717	16,746	16,285
10	9	99 190	85 468,515	3 549 783,380	41,533	41,072	60	59	86 799	35 526,585	575 168,690	16,190	15,729
11	10	99 177	84 194,688	3 464 314,866	41,146	40,686	61	60	85 572	34 506,484	539 642,105	15,639	15,178
12	11	99 165	82 940,087	3 380 120,178	40,754	40,293	62	61	84 231	33 463,967	505 135,621	15,095	14,634
13	12	99 148	81 700,854	3 297 180,091	40,357	39,896	63	62	82 776	32 399,916	471 671,654	14,558	14,097
14	13	99 133	80 480,886	3 215 479,237	39,953	39,493	64	63	81 204	31 314,686	439 271,738	14,028	13,567
15	14	99 113	79 275,451	3 134 998,351	39,546	39,085	65	64	79 515	30 210,252	407 957,052	13,504	13,043
16	15	99 088	78 084,550	3 055 722,900	39,134	38,673	66	65	77 714	29 089,732	377 746,800	12,986	12,525
17	16	99 054	76 904,095	2 977 638,350	38,719	38,258	67	66	75 796	27 952,552	348 657,068	12,473	12,012
18	17	99 015	75 737,695	2 900 734,256	38,300	37,839	68	67	73 774	26 804,717	320 704,515	11,964	11,504
19	18	98 964	74 579,945	2 824 996,561	37,879	37,418	69	68	71 648	25 647,688	293 899,798	11,459	10,998
20	19	98 908	73 436,206	2 750 416,616	37,453	36,992	70	69	69 422	24 483,521	268 252,110	10,956	10,496
21	20	98 851	72 309,200	2 676 980,411	37,021	36,561	71	70	67 076	23 306,446	243 768,589	10,459	9,998
22	21	98 795	71 200,121	2 604 671,211	36,582	36,122	72	71	64 582	22 108,367	220 462,143	9,972	9,511
23	22	98 737	70 106,589	2 533 471,090	36,137	35,677	73	72	62 016	20 916,151	198 353,776	9,483	9,022
24	23	98 678	69 029,924	2 463 364,501	35,685	35,225	74	73	59 328	19 713,791	177 437,625	9,001	8,540
25	24	98 617	67 967,506	2 394 334,577	35,228	34,767	75	74	56 516	18 501,874	157 723,833	8,525	8,064
26	25	98 557	66 922,488	2 326 367,072	34,762	34,301	76	75	53 588	17 284,068	139 221,959	8,055	7,594
27	26	98 495	65 891,619	2 259 444,583	34,290	33,830	77	76	50 543	16 061,174	121 937,892	7,592	7,131
28	27	98 433	64 877,089	2 193 552,964	33,811	33,350	78	77	47 434	14 850,351	105 876,718	7,130	6,669
29	28	98 367	63 875,350	2 128 675,875	33,325	32,865	79	78	44 228	13 642,014	91 026,366	6,673	6,212
30	29	98 295	62 885,363	2 064 800,525	32,834	32,374	80	79	40 896	12 427,880	77 384,353	6,227	5,766
31	30	98 219	61 908,024	2 001 915,161	32,337	31,876	81	80	37 425	11 204,987	64 956,472	5,797	5,336
32	31	98 135	60 940,901	1 940 007,138	31,834	31,373	82	81	33 859	9 987,682	53 751,485	5,382	4,921
33	32	98 043	59 984,296	1 879 066,237	31,326	30,865	83	82	30 236	8 787,083	43 763,803	4,980	4,520
34	33	97 941	59 036,558	1 819 081,941	30,813	30,352	84	83	26 539	7 598,548	34 976,721	4,603	4,142
35	34	97 838	58 102,865	1 760 045,383	30,292	29,831	85	84	22 828	6 439,445	27 378,173	4,252	3,791
36	35	97 727	57 179,144	1 701 942,518	29,765	29,304	86	85	19 194	5 334,288	20 938,728	3,925	3,465
37	36	97 595	56 258,101	1 644 763,374	29,236	28,775	87	86	15 740	4 309,922	15 604,440	3,621	3,160
38	37	97 451	55 345,006	1 588 505,272	28,702	28,241	88	87	12 540	3 382,940	11 294,518	3,339	2,878
39	38	97 303	54 444,193	1 533 160,267	28,160	27,699	89	88	9 640	2 562,082	7 911,578	3,088	2,627
40	39	97 137	53 547,977	1 478 716,074	27,615	27,154	90	89	7 136	1 868,488	5 349,495	2,863	2,402
41	40	96 954	52 657,054	1 425 168,097	27,065	26,604	91	90	5 077	1 309,651	3 481,007	2,658	2,197
42	41	96 752	51 770,809	1 372 511,043	26,511	26,050	92	91	3 461	879,625	2 171,356	2,469	2,008
43	42	96 544	50 896,239	1 320 740,234	25,950	25,489	93	92	2 240	560,959	1 291,731	2,303	1,842
44	43	96 312	50 023,720	1 269 843,994	25,385	24,924	94	93	1 374	338,866	730,772	2,157	1,696
45	44	96 059	49 154,935	1 219 820,275	24,816	24,355	95	94	793	192,694	391,906	2,034	1,573
46	45	95 788	48 291,773	1 170 665,340	24,242	23,781	96	95	433	103,728	199,212	1,921	1,460
47	46	95 488	47 428,889	1 122 373,567	23,664	23,204	97	96	221	52,239	95,484	1,828	1,367
48	47	95 152	46 563,812	1 074 944,678	23,085	22,625	98	97	106	24,742	43,245	1,748	1,287
49	48	94 779	45 695,828	1 028 380,866	22,505	22,044	99	98	49	11,140	18,503	1,661	1,200
							100	99	21	4,628	7,363	1,591	1,130

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	44 888,305	993 083,437	22,123	21,663
1							51	49	94 054	44 015,942	948 195,132	21,542	21,081
2	0	99 637	96 714,132	4 293 480,612	44,394	43,933	52	50	93 560	43 137,532	904 179,190	20,960	20,500
3	1	99 336	94 996,669	4 196 766,480	44,178	43,717	53	51	93 014	42 252,151	861 041,658	20,379	19,918
4	2	99 302	93 560,869	4 101 769,810	43,841	43,380	54	52	92 402	41 353,779	818 789,508	19,800	19,339
5	3	99 278	92 155,568	4 008 208,941	43,494	43,033	55	53	91 737	40 449,222	777 435,728	19,220	18,759
6	4	99 259	90 776,360	3 916 053,373	43,140	42,679	56	54	90 989	39 526,612	736 986,506	18,645	18,185
7	5	99 241	89 418,552	3 825 277,013	42,779	42,319	57	55	90 163	38 589,242	697 459,894	18,074	17,613
8	6	99 224	88 082,550	3 735 858,461	42,413	41,952	58	56	89 247	37 632,688	658 870,652	17,508	17,047
9	7	99 210	86 767,892	3 647 775,911	42,041	41,580	59	57	88 259	36 665,754	621 237,964	16,943	16,482
10	8	99 197	85 474,675	3 561 008,019	41,662	41,201	60	58	87 163	35 675,479	584 572,210	16,386	15,925
11	9	99 182	84 199,163	3 475 533,344	41,278	40,817	61	59	85 970	34 667,148	548 896,731	15,833	15,373
12	10	99 170	82 944,698	3 391 334,181	40,887	40,426	62	60	84 665	33 636,414	514 229,583	15,288	14,827
13	11	99 156	81 707,138	3 308 389,483	40,491	40,030	63	61	83 241	32 581,925	480 593,169	14,750	14,290
14	12	99 139	80 485,972	3 226 682,345	40,090	39,629	64	62	81 704	31 507,572	448 011,244	14,219	13,758
15	13	99 121	79 281,717	3 146 196,373	39,684	39,223	65	63	80 056	30 415,869	416 503,672	13,694	13,233
16	14	99 097	78 091,754	3 066 914,656	39,273	38,812	66	64	78 294	29 306,861	386 087,802	13,174	12,713
17	15	99 066	76 912,999	2 988 822,902	38,860	38,399	67	65	76 408	28 178,365	356 780,942	12,662	12,201
18	16	99 028	75 747,378	2 911 909,903	38,442	37,982	68	66	74 426	27 041,541	328 602,577	12,152	11,691
19	17	98 977	74 589,615	2 836 162,525	38,024	37,563	69	67	72 325	25 889,965	301 561,036	11,648	11,187
20	18	98 924	73 448,128	2 761 572,909	37,599	37,138	70	68	70 138	24 735,926	275 671,071	11,145	10,684
21	19	98 867	72 321,087	2 688 124,781	37,169	36,709	71	69	67 859	23 578,692	250 935,145	10,642	10,182
22	20	98 811	71 211,777	2 615 803,694	36,733	36,272	72	70	65 403	22 389,393	227 356,453	10,155	9,694
23	21	98 753	70 118,494	2 544 591,917	36,290	35,829	73	71	62 885	21 209,145	204 967,060	9,664	9,203
24	22	98 695	69 041,507	2 474 473,423	35,840	35,380	74	72	60 228	20 012,943	183 757,915	9,182	8,721
25	23	98 633	67 978,624	2 405 431,915	35,385	34,924	75	73	57 478	18 816,793	163 744,972	8,702	8,241
26	24	98 574	66 933,484	2 337 453,291	34,922	34,461	76	74	54 581	17 604,328	144 928,179	8,233	7,772
27	25	98 514	65 904,432	2 270 519,807	34,452	33,991	77	75	51 581	16 390,960	127 323,852	7,768	7,307
28	26	98 451	64 888,655	2 204 615,376	33,975	33,515	78	76	48 508	15 186,719	110 932,892	7,305	6,844
29	27	98 387	63 888,751	2 139 726,721	33,491	33,031	79	77	45 313	13 976,591	95 746,173	6,850	6,390
30	28	98 318	62 900,333	2 075 837,970	33,002	32,541	80	78	42 040	12 775,469	81 769,581	6,401	5,940
31	29	98 243	61 923,304	2 012 937,637	32,507	32,046	81	79	38 615	11 561,168	68 994,112	5,968	5,507
32	30	98 162	60 958,139	1 951 014,333	32,006	31,545	82	80	35 097	10 352,735	57 432,944	5,548	5,087
33	31	98 075	60 003,618	1 890 056,194	31,499	31,038	83	81	31 510	9 157,172	47 080,209	5,141	4,681
34	32	97 974	59 056,395	1 830 052,577	30,988	30,527	84	82	27 848	7 973,312	37 923,037	4,756	4,295
35	33	97 873	58 123,221	1 770 996,181	30,470	30,009	85	83	24 161	6 815,640	29 949,725	4,394	3,933
36	34	97 764	57 200,983	1 712 872,960	29,945	29,484	86	84	20 501	5 697,735	23 134,085	4,060	3,599
37	35	97 641	56 284,383	1 655 671,977	29,416	28,955	87	85	16 993	4 652,804	17 436,350	3,747	3,287
38	36	97 498	55 371,410	1 599 387,594	28,885	28,424	88	86	13 709	3 698,328	12 783,546	3,457	2,996
39	37	97 352	54 471,697	1 544 016,184	28,345	27,884	89	87	10 700	2 843,898	9 085,217	3,195	2,734
40	38	97 191	53 577,665	1 489 544,487	27,802	27,341	90	88	8 047	2 107,248	6 241,320	2,962	2,501
41	39	97 017	52 691,338	1 435 966,822	27,252	26,792	91	89	5 827	1 503,283	4 134,071	2,750	2,289
42	40	96 813	51 803,607	1 383 275,484	26,702	26,242	92	90	4 058	1 031,355	2 630,788	2,551	2,090
43	41	96 615	50 933,571	1 331 471,877	26,141	25,681	93	91	2 686	672,555	1 599,433	2,378	1,917
44	42	96 390	50 064,114	1 280 538,306	25,578	25,117	94	92	1 691	417,295	926,878	2,221	1,760
45	43	96 145	49 199,002	1 230 474,192	25,010	24,549	95	93	1 003	243,749	509,583	2,091	1,630
46	44	95 879	48 337,493	1 181 275,190	24,438	23,977	96	94	562	134,617	265,834	1,975	1,514
47	45	95 590	47 479,961	1 132 937,697	23,861	23,401	97	95	297	70,049	131,217	1,873	1,412
48	46	95 265	46 619,018	1 085 457,736	23,284	22,823	98	96	148	34,331	61,168	1,782	1,321
49	47	94 902	45 755,281	1 038 838,718	22,704	22,243	99	97	69	15,795	26,837	1,699	1,238
							100	98	30	6,797	11,042	1,625	1,164

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	44 946,707	1 002 705,596	22,309	21,848
1							51	48	94 197	44 082,820	957 758,889	21,726	21,266
2							52	49	93 718	43 210,301	913 676,068	21,145	20,684
3	0	99 624	95 272,184	4 207 485,277	44,163	43,702	53	50	93 186	42 330,203	870 465,767	20,564	20,103
4	1	99 324	93 581,683	4 112 213,093	43,942	43,482	54	51	92 594	41 439,829	828 135,564	19,984	19,523
5	2	99 291	92 167,679	4 018 631,409	43,601	43,141	55	52	91 939	40 538,586	786 695,735	19,406	18,945
6	3	99 269	90 785,411	3 926 463,731	43,250	42,789	56	53	91 215	39 624,825	746 157,148	18,831	18,370
7	4	99 250	89 426,784	3 835 678,319	42,892	42,431	57	54	90 412	38 695,821	706 532,323	18,259	17,798
8	5	99 231	88 088,535	3 746 251,535	42,528	42,067	58	55	89 526	37 750,180	667 836,502	17,691	17,230
9	6	99 217	86 774,228	3 658 163,000	42,157	41,696	59	56	88 558	36 790,164	630 086,322	17,126	16,666
10	7	99 202	85 478,746	3 571 388,772	41,781	41,320	60	57	87 492	35 809,992	593 296,158	16,568	16,107
11	8	99 189	84 205,231	3 485 910,026	41,398	40,937	61	58	86 330	34 812,440	557 486,166	16,014	15,553
12	9	99 175	82 949,107	3 401 704,795	41,010	40,549	62	59	85 059	33 793,027	522 673,726	15,467	15,006
13	10	99 161	81 711,680	3 318 755,687	40,615	40,155	63	60	83 670	32 749,827	488 880,699	14,928	14,467
14	11	99 147	80 492,162	3 237 044,007	40,216	39,755	64	61	82 163	31 684,568	456 130,872	14,396	13,935
15	12	99 127	79 286,728	3 156 551,845	39,812	39,351	65	62	80 549	30 603,220	424 446,304	13,869	13,409
16	13	99 105	78 097,926	3 077 265,117	39,403	38,942	66	63	78 827	29 506,329	393 836,085	13,348	12,887
17	14	99 075	76 920,095	2 999 167,190	38,991	38,530	67	64	76 979	28 388,691	364 336,756	12,834	12,373
18	15	99 039	75 756,149	2 922 247,096	38,574	38,114	68	65	75 027	27 259,994	335 948,064	12,324	11,863
19	16	98 989	74 599,152	2 846 490,947	38,157	37,696	69	66	72 964	26 118,706	308 688,070	11,819	11,358
20	17	98 937	73 457,652	2 771 891,794	37,735	37,274	70	67	70 800	24 969,590	282 569,364	11,317	10,856
21	18	98 883	72 332,828	2 698 434,143	37,306	36,845	71	68	68 559	23 821,769	257 599,775	10,814	10,353
22	19	98 827	71 223,484	2 626 101,314	36,871	36,410	72	69	66 167	22 650,927	233 778,006	10,321	9,860
23	20	98 769	70 129,973	2 554 877,830	36,431	35,970	73	70	63 684	21 478,741	211 127,078	9,830	9,369
24	21	98 712	69 053,232	2 484 747,857	35,983	35,522	74	71	61 072	20 293,284	189 648,337	9,345	8,885
25	22	98 650	67 990,032	2 415 694,625	35,530	35,069	75	72	58 350	19 102,332	169 355,053	8,866	8,405
26	23	98 590	66 944,433	2 347 704,593	35,069	34,609	76	73	55 510	17 903,969	150 252,721	8,392	7,931
27	24	98 530	65 915,260	2 280 760,160	34,601	34,141	77	74	52 537	16 694,671	132 348,751	7,928	7,467
28	25	98 470	64 901,273	2 214 844,901	34,126	33,666	78	75	49 504	15 498,550	115 654,080	7,462	7,001
29	26	98 405	63 900,140	2 149 943,628	33,645	33,185	79	76	46 339	14 293,168	100 155,530	7,007	6,546
30	27	98 339	62 913,529	2 086 043,488	33,157	32,697	80	77	43 071	13 088,794	85 862,362	6,560	6,099
31	28	98 266	61 938,045	2 023 129,959	32,664	32,203	81	78	39 695	11 884,516	72 773,568	6,123	5,663
32	29	98 187	60 973,185	1 961 191,914	32,165	31,704	82	79	36 213	10 681,825	60 889,052	5,700	5,239
33	30	98 102	60 020,591	1 900 218,729	31,659	31,199	83	80	32 661	9 491,870	50 207,227	5,289	4,829
34	31	98 006	59 075,418	1 840 198,139	31,150	30,689	84	81	29 020	8 309,127	40 715,357	4,900	4,439
35	32	97 905	58 142,752	1 781 122,721	30,634	30,173	85	82	25 353	7 151,790	32 406,230	4,531	4,070
36	33	97 799	57 221,024	1 722 979,969	30,111	29,650	86	83	21 699	6 030,600	25 254,439	4,188	3,727
37	34	97 678	56 305,880	1 665 758,945	29,584	29,123	87	84	18 150	4 969,819	19 223,840	3,868	3,407
38	35	97 543	55 397,277	1 609 453,065	29,053	28,592	88	85	14 800	3 992,555	14 254,020	3,570	3,109
39	36	97 399	54 497,685	1 554 055,788	28,516	28,055	89	86	11 698	3 109,031	10 261,466	3,301	2,840
40	37	97 240	53 604,732	1 499 558,103	27,974	27,514	90	87	8 933	2 339,034	7 152,435	3,058	2,597
41	38	97 071	52 720,551	1 445 953,372	27,427	26,966	91	88	6 572	1 695,376	4 813,400	2,839	2,378
42	39	96 876	51 837,335	1 393 232,821	26,877	26,416	92	89	4 658	1 183,841	3 118,024	2,634	2,173
43	40	96 676	50 965,838	1 341 395,486	26,320	25,859	93	90	3 149	788,567	1 934,183	2,453	1,992
44	41	96 461	50 100,835	1 290 429,648	25,757	25,296	94	91	2 028	500,310	1 145,617	2,290	1,829
45	42	96 223	49 238,730	1 240 328,813	25,190	24,729	95	92	1 235	300,164	645,306	2,150	1,689
46	43	95 965	48 380,827	1 191 090,082	24,619	24,158	96	93	711	170,285	345,142	2,027	1,566
47	44	95 681	47 524,912	1 142 709,255	24,044	23,584	97	94	385	90,908	174,858	1,923	1,463
48	45	95 368	46 669,218	1 095 184,343	23,467	23,006	98	95	198	46,036	83,949	1,824	1,363
49	46	95 015	45 809,529	1 048 515,124	22,889	22,428	99	96	96	21,917	37,913	1,730	1,269
							100	97	43	9,637	15,996	1,660	1,199

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	44 999,996	1 011 590,787	22,480	22,019
1							51	47	94 320	44 140,175	966 590,791	21,898	21,437
2							52	48	93 860	43 275,956	922 450,616	21,316	20,855
3							53	49	93 343	42 401,610	879 174,661	20,734	20,274
4	0	99 612	93 853,094	4 122 124,382	43,921	43,460	54	50	92 765	41 516,381	836 773,051	20,155	19,694
5	1	99 313	92 188,183	4 028 271,287	43,696	43,235	55	51	92 131	40 622,940	795 256,669	19,577	19,116
6	2	99 282	90 797,342	3 936 083,105	43,350	42,889	56	52	91 416	39 712,368	754 633,729	19,002	18,542
7	3	99 260	89 435,701	3 845 285,762	42,995	42,534	57	53	90 637	38 791,970	714 921,361	18,430	17,969
8	4	99 240	88 096,644	3 755 850,061	42,633	42,172	58	54	89 773	37 854,442	676 129,391	17,861	17,400
9	5	99 224	86 780,124	3 667 753,417	42,265	41,804	59	55	88 835	36 905,026	638 274,949	17,295	16,834
10	6	99 209	85 484,988	3 580 973,293	41,890	41,429	60	56	87 789	35 931,498	601 369,923	16,737	16,276
11	7	99 194	84 209,242	3 495 488,305	41,510	41,049	61	57	86 656	34 943,699	565 438,426	16,181	15,721
12	8	99 183	82 955,086	3 411 279,063	41,122	40,661	62	58	85 416	33 934,655	530 494,727	15,633	15,172
13	9	99 167	81 716,023	3 328 323,977	40,730	40,270	63	59	84 060	32 902,311	496 560,071	15,092	14,631
14	10	99 152	80 496,637	3 246 607,954	40,332	39,871	64	60	82 586	31 847,846	463 657,760	14,559	14,098
15	11	99 134	79 292,826	3 166 111,316	39,929	39,469	65	61	81 001	30 775,135	431 809,914	14,031	13,570
16	12	99 111	78 102,862	3 086 818,490	39,522	39,062	66	62	79 312	29 688,077	401 034,779	13,508	13,047
17	13	99 082	76 926,175	3 008 715,628	39,112	38,651	67	63	77 503	28 581,910	371 346,702	12,992	12,532
18	14	99 048	75 763,138	2 931 789,453	38,697	38,236	68	64	75 587	27 463,465	342 764,792	12,481	12,020
19	15	99 001	74 607,790	2 856 026,315	38,281	37,820	69	65	73 553	26 329,704	315 301,326	11,975	11,514
20	16	98 949	73 467,044	2 781 418,525	37,859	37,399	70	66	71 426	25 190,199	288 971,622	11,472	11,011
21	17	98 896	72 342,207	2 707 951,481	37,433	36,972	71	67	69 206	24 046,797	263 781,423	10,970	10,509
22	18	98 843	71 235,047	2 635 609,274	36,999	36,538	72	68	66 849	22 884,440	239 734,625	10,476	10,015
23	19	98 786	70 141,502	2 564 374,227	36,560	36,099	73	69	64 428	21 729,638	216 850,186	9,979	9,519
24	20	98 728	69 064,537	2 494 232,724	36,115	35,654	74	70	61 848	20 551,239	195 120,548	9,494	9,034
25	21	98 667	68 001,578	2 425 168,187	35,663	35,203	75	71	59 167	19 369,918	174 569,309	9,012	8,552
26	22	98 606	66 955,667	2 357 166,609	35,205	34,744	76	72	56 352	18 175,657	155 199,391	8,539	8,078
27	23	98 546	65 926,042	2 290 210,943	34,739	34,278	77	73	53 431	16 978,830	137 023,734	8,070	7,609
28	24	98 486	64 911,936	2 224 284,900	34,266	33,805	78	74	50 422	15 785,726	120 044,905	7,605	7,144
29	25	98 424	63 912,566	2 159 372,965	33,786	33,326	79	75	47 290	14 586,652	104 259,179	7,148	6,687
30	26	98 356	62 924,745	2 095 460,399	33,301	32,840	80	76	44 046	13 385,262	89 672,527	6,699	6,239
31	27	98 287	61 951,039	2 032 535,655	32,809	32,348	81	77	40 668	12 175,990	76 287,266	6,265	5,805
32	28	98 210	60 987,699	1 970 584,616	32,311	31,850	82	78	37 226	10 980,579	64 111,276	5,839	5,378
33	29	98 127	60 035,405	1 909 596,917	31,808	31,347	83	79	33 700	9 793,595	53 130,697	5,425	4,964
34	30	98 034	59 092,128	1 849 561,511	31,300	30,839	84	80	30 081	8 612,829	43 337,102	5,032	4,571
35	31	97 937	58 161,480	1 790 469,383	30,784	30,324	85	81	26 421	7 453,006	34 724,273	4,659	4,198
36	32	97 832	57 240,251	1 732 307,903	30,264	29,803	86	82	22 769	6 328,032	27 271,267	4,310	3,849
37	33	97 712	56 325,607	1 675 067,652	29,739	29,278	87	83	19 211	5 260,158	20 943,236	3,981	3,521
38	34	97 581	55 418,435	1 618 742,045	29,209	28,749	88	84	15 808	4 264,584	15 683,077	3,678	3,217
39	35	97 444	54 523,144	1 563 323,610	28,673	28,212	89	85	12 628	3 356,375	11 418,494	3,402	2,941
40	36	97 286	53 630,306	1 508 800,466	28,133	27,673	90	86	9 765	2 557,100	8 062,118	3,153	2,692
41	37	97 120	52 747,184	1 455 170,160	27,588	27,127	91	87	7 295	1 881,858	5 505,019	2,925	2,465
42	38	96 930	51 866,074	1 402 422,976	27,039	26,579	92	88	5 253	1 335,115	3 623,160	2,714	2,253
43	39	96 739	50 999,021	1 350 556,902	26,482	26,021	93	89	3 615	905,156	2 288,045	2,528	2,067
44	40	96 522	50 132,575	1 299 557,881	25,922	25,462	94	90	2 378	586,611	1 382,889	2,357	1,897
45	41	96 294	49 274,846	1 249 425,305	25,356	24,895	95	91	1 481	359,878	796,278	2,213	1,752
46	42	96 042	48 419,895	1 200 150,459	24,786	24,326	96	92	876	209,696	436,400	2,081	1,620
47	43	95 767	47 567,518	1 151 730,564	24,213	23,752	97	93	487	114,995	226,704	1,971	1,511
48	44	95 458	46 713,402	1 104 163,046	23,637	23,176	98	94	257	59,745	111,709	1,870	1,409
49	45	95 117	45 858,857	1 057 449,644	23,059	22,598	99	95	128	29,389	51,964	1,768	1,307
							100	96	59	13,372	22,574	1,688	1,227

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
							50	45	94 838	45 048,452	1 019 780,361	22,637	22,177
							51	46	94 431	44 192,507	974 731,908	22,056	21,596
							52	47	93 982	43 332,260	930 539,401	21,475	21,014
							53	48	93 485	42 466,036	887 207,141	20,892	20,431
							54	49	92 922	41 586,416	844 741,105	20,313	19,852
	0	99 601	92 455,552	4 037 422,383	43,669	43,208	55	50	92 301	40 697,983	803 154,690	19,735	19,274
	1	99 304	90 817,541	3 944 966,831	43,438	42,978	56	51	91 607	39 795,002	762 456,707	19,160	18,699
	2	99 273	89 447,455	3 854 149,290	43,088	42,628	57	52	90 837	38 877,673	722 661,704	18,588	18,127
	3	99 250	88 105,428	3 764 701,835	42,730	42,269	58	53	89 996	37 948,500	683 784,031	18,019	17,558
	4	99 233	86 788,113	3 676 596,406	42,363	41,902	59	54	89 080	37 006,953	645 835,531	17,452	16,991
	5	99 216	85 490,796	3 589 808,293	41,991	41,530	60	55	88 063	36 043,679	608 828,578	16,891	16,431
	6	99 201	84 215,391	3 504 317,497	41,611	41,151	61	56	86 950	35 062,265	572 784,899	16,336	15,875
	7	99 187	82 959,037	3 420 102,106	41,226	40,766	62	57	85 738	34 062,604	537 722,633	15,786	15,326
	8	99 174	81 721,913	3 337 143,069	40,835	40,375	63	58	84 412	33 040,207	503 660,029	15,244	14,783
	9	99 157	80 500,916	3 255 421,156	40,440	39,979	64	59	82 971	31 996,131	470 619,822	14,709	14,248
	10	99 140	79 297,234	3 174 920,240	40,038	39,577	65	60	81 419	30 933,726	438 623,691	14,179	13,719
	11	99 119	78 108,869	3 095 623,005	39,632	39,171	66	61	79 758	29 854,852	407 689,965	13,656	13,195
	12	99 089	76 931,037	3 017 514,136	39,224	38,763	67	62	77 980	28 757,964	377 835,113	13,138	12,678
	13	99 056	75 769,127	2 940 583,099	38,810	38,349	68	63	76 101	27 650,387	349 077,149	12,625	12,164
	14	99 010	74 614,673	2 864 813,972	38,395	37,934	69	64	74 102	26 526,232	321 426,762	12,117	11,657
	15	98 961	73 475,550	2 790 199,299	37,975	37,514	70	65	72 003	25 393,697	294 900,530	11,613	11,152
	16	98 909	72 351,457	2 716 723,749	37,549	37,088	71	66	69 818	24 259,254	269 506,833	11,109	10,649
	17	98 856	71 244,284	2 644 372,292	37,117	36,656	72	67	67 481	23 100,614	245 247,579	10,616	10,156
	18	98 802	70 152,890	2 573 128,008	36,679	36,218	73	68	65 092	21 953,652	222 146,966	10,119	9,658
	19	98 744	69 075,891	2 502 975,119	36,235	35,774	74	69	62 570	20 791,301	200 193,313	9,629	9,168
	20	98 683	68 012,710	2 433 899,228	35,786	35,325	75	70	59 919	19 616,135	179 402,012	9,146	8,685
	21	98 623	66 967,037	2 365 886,517	35,329	34,868	76	71	57 141	18 430,262	159 785,877	8,670	8,209
	22	98 563	65 937,105	2 298 919,480	34,865	34,405	77	72	54 242	17 236,479	141 355,616	8,201	7,740
	23	98 502	64 922,554	2 232 982,375	34,395	33,934	78	73	51 280	16 054,413	124 119,137	7,731	7,270
	24	98 440	63 923,066	2 168 059,821	33,917	33,456	79	74	48 167	14 856,930	108 064,724	7,274	6,813
	25	98 376	62 936,981	2 104 136,754	33,432	32,972	80	75	44 951	13 660,103	93 207,793	6,823	6,363
	26	98 304	61 962,083	2 041 199,774	32,943	32,482	81	76	41 589	12 451,782	79 547,690	6,388	5,928
	27	98 231	61 000,494	1 979 237,691	32,446	31,985	82	77	38 138	11 249,884	67 095,908	5,964	5,503
	28	98 150	60 049,697	1 918 237,197	31,944	31,483	83	78	34 642	10 067,506	55 846,024	5,547	5,086
	29	98 058	59 106,714	1 858 187,501	31,438	30,977	84	79	31 037	8 886,611	45 778,518	5,151	4,691
	30	97 965	58 177,932	1 799 080,787	30,924	30,463	85	80	27 386	7 725,416	36 891,907	4,775	4,315
	31	97 863	57 258,689	1 740 902,855	30,404	29,943	86	81	23 728	6 594,552	29 166,491	4,423	3,962
	32	97 745	56 344,533	1 683 644,166	29,881	29,420	87	82	20 158	5 519,592	22 571,939	4,089	3,629
	33	97 615	55 437,851	1 627 299,633	29,354	28,893	88	83	16 732	4 513,723	17 052,348	3,778	3,317
	34	97 482	54 543,968	1 571 861,782	28,818	28,357	89	84	13 489	3 585,059	12 538,625	3,497	3,037
	35	97 332	53 655,359	1 517 317,813	28,279	27,818	90	85	10 542	2 760,534	8 953,566	3,243	2,783
	36	97 166	52 772,349	1 463 662,454	27,735	27,275	91	86	7 975	2 057,302	6 193,032	3,010	2,549
	37	96 979	51 892,277	1 410 890,105	27,189	26,728	92	87	5 831	1 481,971	4 135,730	2,791	2,330
	38	96 793	51 027,295	1 358 997,828	26,633	26,172	93	88	4 077	1 020,819	2 653,759	2,600	2,139
	39	96 585	50 165,215	1 307 970,533	26,073	25,612	94	89	2 729	673,341	1 632,940	2,425	1,964
	40	96 355	49 306,063	1 257 805,318	25,510	25,049	95	90	1 736	421,955	959,599	2,274	1,813
	41	96 113	48 455,410	1 208 499,255	24,940	24,480	96	91	1 050	251,412	537,644	2,138	1,678
	42	95 844	47 605,929	1 160 043,844	24,368	23,907	97	92	600	141,610	286,231	2,021	1,560
	43	95 543	46 755,281	1 112 437,915	23,793	23,332	98	93	325	75,575	144,621	1,914	1,453
	44	95 207	45 902,274	1 065 682,635	23,216	22,756	99	94	167	38,141	69,046	1,810	1,349
							100	95	79	17,932	30,906	1,724	1,263

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	45 091,102	1 027 315,589	22,783	22,322
1							51	45	94 533	44 240,094	982 224,487	22,202	21,741
2							52	46	94 094	43 383,635	937 984,393	21,621	21,160
3							53	47	93 607	42 521,287	894 600,758	21,039	20,578
4							54	48	93 063	41 649,603	852 079,471	20,458	19,997
5							55	49	92 456	40 766,637	810 429,869	19,880	19,419
6	0	99 592	91 080,936	3 953 405,852	43,405	42,945	56	50	91 776	39 868,516	769 663,232	19,305	18,844
7	1	99 295	89 467,354	3 862 324,916	43,170	42,709	57	51	91 026	38 958,571	729 794,716	18,733	18,272
8	2	99 263	88 117,007	3 772 857,562	42,816	42,356	58	52	90 195	38 032,340	690 836,145	18,164	17,704
9	3	99 243	86 796,767	3 684 740,555	42,453	41,992	59	53	89 301	37 098,906	652 803,806	17,596	17,136
10	4	99 225	85 498,667	3 597 943,788	42,082	41,621	60	54	88 306	36 143,228	615 704,900	17,035	16,574
11	5	99 208	84 221,113	3 512 445,122	41,705	41,244	61	55	87 221	35 171,733	579 561,672	16,478	16,017
12	6	99 195	82 965,095	3 428 224,008	41,321	40,860	62	56	86 029	34 178,181	544 389,939	15,928	15,467
13	7	99 179	81 725,806	3 345 258,914	40,933	40,472	63	57	84 730	33 164,784	510 211,759	15,384	14,923
14	8	99 165	80 506,718	3 263 533,108	40,537	40,077	64	58	83 318	32 130,229	477 046,975	14,847	14,386
15	9	99 145	79 301,449	3 183 026,390	40,138	39,678	65	59	81 798	31 077,755	444 916,746	14,316	13,855
16	10	99 125	78 113,212	3 103 724,941	39,734	39,273	66	60	80 169	30 008,701	413 838,991	13,791	13,330
17	11	99 096	76 936,954	3 025 611,729	39,326	38,865	67	61	78 418	28 919,514	383 830,290	13,272	12,812
18	12	99 062	75 773,916	2 948 674,775	38,914	38,453	68	62	76 570	27 820,703	354 910,777	12,757	12,296
19	13	99 018	74 620,571	2 872 900,860	38,500	38,039	69	63	74 607	26 706,775	327 090,074	12,247	11,787
20	14	98 970	73 482,329	2 798 280,289	38,081	37,620	70	64	72 540	25 583,238	300 383,299	11,741	11,281
21	15	98 920	72 359,834	2 724 797,960	37,656	37,195	71	65	70 382	24 455,231	274 800,061	11,237	10,776
22	16	98 869	71 253,393	2 652 438,126	37,225	36,765	72	66	68 077	23 304,711	250 344,830	10,742	10,281
23	17	98 815	70 161,986	2 581 184,733	36,789	36,328	73	67	65 707	22 161,034	227 040,120	10,245	9,784
24	18	98 760	69 087,105	2 511 022,746	36,346	35,885	74	68	63 215	21 005,642	204 879,086	9,754	9,293
25	19	98 699	68 023,891	2 441 935,641	35,898	35,437	75	69	60 619	19 845,274	183 873,444	9,265	8,805
26	20	98 639	66 978,000	2 373 911,750	35,443	34,982	76	70	57 868	18 664,535	164 028,170	8,788	8,327
27	21	98 580	65 948,303	2 306 933,749	34,981	34,520	77	71	55 002	17 477,928	145 363,635	8,317	7,856
28	22	98 518	64 933,449	2 240 985,446	34,512	34,053	78	72	52 058	16 298,034	127 885,034	7,847	7,386
29	23	98 456	63 933,523	2 176 051,998	34,036	33,575	79	73	48 986	15 109,809	111 587,673	7,385	6,924
30	24	98 392	62 947,321	2 112 118,475	33,554	33,093	80	74	45 784	13 913,214	96 477,864	6,934	6,473
31	25	98 324	61 974,131	2 049 171,154	33,065	32,604	81	75	42 443	12 707,456	82 564,650	6,497	6,037
32	26	98 248	61 011,368	1 987 197,022	32,571	32,110	82	76	39 002	11 504,699	69 857,194	6,072	5,611
33	27	98 171	60 062,294	1 926 185,654	32,070	31,609	83	77	35 492	10 314,418	58 352,495	5,657	5,197
34	28	98 081	59 120,784	1 866 123,359	31,565	31,104	84	78	31 905	9 135,156	48 038,078	5,259	4,798
35	29	97 989	58 192,292	1 807 002,575	31,052	30,591	85	79	28 257	7 970,989	38 902,922	4,881	4,420
36	30	97 891	57 274,885	1 748 810,284	30,534	30,073	86	80	24 595	6 835,585	30 931,933	4,525	4,064
37	31	97 777	56 362,682	1 691 535,399	30,012	29,551	87	81	21 007	5 752,063	24 096,348	4,189	3,728
38	32	97 648	55 456,480	1 635 172,716	29,486	29,025	88	82	17 557	4 736,342	18 344,285	3,873	3,412
39	33	97 516	54 563,078	1 579 716,237	28,952	28,491	89	83	14 277	3 794,500	13 607,943	3,586	3,125
40	34	97 369	53 675,852	1 525 153,159	28,414	27,953	90	84	11 261	2 948,621	9 813,444	3,328	2,867
41	35	97 211	52 797,002	1 471 477,306	27,870	27,410	91	85	8 609	2 220,974	6 864,823	3,091	2,630
42	36	97 025	51 917,034	1 418 680,304	27,326	26,865	92	86	6 374	1 620,133	4 643,849	2,866	2,406
43	37	96 842	51 053,074	1 366 763,271	26,771	26,311	93	87	4 525	1 133,104	3 023,716	2,669	2,208
44	38	96 638	50 193,028	1 315 710,197	26,213	25,752	94	88	3 078	759,382	1 890,612	2,490	2,029
45	39	96 417	49 338,165	1 265 517,170	25,650	25,189	95	89	1 993	484,341	1 131,230	2,336	1,875
46	40	96 173	48 486,108	1 216 179,005	25,083	24,622	96	90	1 231	294,780	646,889	2,194	1,734
47	41	95 914	47 640,847	1 167 692,897	24,510	24,050	97	91	720	169,782	352,109	2,074	1,613
48	42	95 621	46 793,036	1 120 052,049	23,936	23,476	98	92	400	93,066	182,327	1,959	1,498
49	43	95 293	45 943,425	1 073 259,014	23,360	22,900	99	93	211	48,247	89,261	1,850	1,389
							100	94	103	23,271	41,015	1,762	1,302

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	45 131,526	1 034 241,407	22,916	22,455
1							51	44	94 623	44 281,978	989 109,881	22,337	21,876
2							52	45	94 195	43 430,351	944 827,903	21,755	21,294
3							53	46	93 718	42 571,700	901 397,552	21,174	20,713
4							54	47	93 184	41 703,791	858 825,852	20,593	20,133
5							55	48	92 597	40 828,578	817 122,061	20,013	19,553
6							56	49	91 931	39 935,770	776 293,483	19,439	18,978
7	0	99 583	89 726,832	3 870 099,945	43,132	42,671	57	50	91 195	39 030,539	736 357,712	18,866	18,405
8	1	99 285	88 136,610	3 780 373,113	42,892	42,431	58	51	90 383	38 111,478	697 327,173	18,297	17,836
9	2	99 256	86 808,174	3 692 236,503	42,533	42,072	59	52	89 499	37 180,868	659 215,695	17,730	17,269
10	3	99 235	85 507,192	3 605 428,329	42,165	41,704	60	53	88 525	36 233,034	622 034,827	17,168	16,707
11	4	99 217	84 228,867	3 519 921,137	41,790	41,329	61	54	87 462	35 268,873	585 801,793	16,610	16,149
12	5	99 201	82 970,732	3 435 692,270	41,408	40,948	62	55	86 297	34 284,889	550 532,920	16,058	15,597
13	6	99 186	81 731,773	3 352 721,538	41,021	40,560	63	56	85 018	33 277,314	516 248,031	15,514	15,053
14	7	99 169	80 510,553	3 270 989,765	40,628	40,167	64	57	83 632	32 251,374	482 970,717	14,975	14,514
15	8	99 152	79 307,165	3 190 479,212	40,229	39,769	65	58	82 141	31 208,004	450 719,343	14,442	13,982
16	9	99 130	78 117,364	3 111 172,048	39,827	39,366	66	59	80 542	30 148,422	419 511,339	13,915	13,454
17	10	99 102	76 941,231	3 033 054,684	39,420	38,960	67	60	78 822	29 068,542	389 362,917	13,395	12,934
18	11	99 070	75 779,743	2 956 113,453	39,009	38,548	68	61	77 000	27 976,988	360 294,374	12,878	12,417
19	12	99 024	74 625,287	2 880 333,709	38,597	38,136	69	62	75 066	26 871,278	332 317,387	12,367	11,906
20	13	98 978	73 488,138	2 805 708,422	38,179	37,718	70	63	73 034	25 757,362	305 446,108	11,859	11,398
21	14	98 929	72 366,510	2 732 220,285	37,755	37,295	71	64	70 907	24 637,767	279 688,746	11,352	10,891
22	15	98 880	71 261,643	2 659 853,775	37,325	36,864	72	65	68 627	23 492,976	255 050,979	10,856	10,396
23	16	98 827	70 170,957	2 588 592,132	36,890	36,429	73	66	66 287	22 356,829	231 558,003	10,357	9,897
24	17	98 773	69 096,064	2 518 421,175	36,448	35,987	74	67	63 813	21 204,068	209 201,173	9,866	9,405
25	18	98 715	68 034,935	2 449 325,111	36,001	35,540	75	68	61 244	20 049,863	187 997,105	9,376	8,916
26	19	98 655	66 989,011	2 381 290,176	35,547	35,087	76	69	58 544	18 882,558	167 947,242	8,894	8,434
27	20	98 596	65 959,099	2 314 301,165	35,087	34,626	77	70	55 701	17 700,095	149 064,684	8,422	7,961
28	21	98 535	64 944,476	2 248 342,066	34,619	34,159	78	71	52 787	16 526,337	131 364,589	7,949	7,488
29	22	98 473	63 944,252	2 183 397,590	34,145	33,685	79	72	49 730	15 339,096	114 838,252	7,487	7,026
30	23	98 408	62 957,618	2 119 453,338	33,665	33,204	80	73	46 563	14 150,029	99 499,156	7,032	6,571
31	24	98 340	61 984,314	2 056 495,720	33,178	32,717	81	74	43 230	12 942,915	85 349,126	6,594	6,133
32	25	98 267	61 023,232	1 994 511,407	32,684	32,224	82	75	39 803	11 740,926	72 406,211	6,167	5,706
33	26	98 188	60 073,002	1 933 488,174	32,186	31,725	83	76	36 296	10 548,044	60 665,285	5,751	5,291
34	27	98 102	59 133,187	1 873 415,173	31,681	31,220	84	77	32 688	9 359,200	50 117,241	5,355	4,894
35	28	98 012	58 206,144	1 814 281,986	31,170	30,709	85	78	29 047	8 193,925	40 758,040	4,974	4,513
36	29	97 915	57 289,022	1 756 075,841	30,653	30,192	86	79	25 377	7 052,873	32 564,115	4,617	4,156
37	30	97 804	56 378,625	1 698 786,819	30,132	29,671	87	80	21 775	5 962,303	25 511,242	4,279	3,818
38	31	97 679	55 474,342	1 642 408,194	29,607	29,146	88	81	18 297	4 935,824	19 548,940	3,961	3,500
39	32	97 548	54 581,412	1 586 933,851	29,075	28,614	89	82	14 981	3 981,646	14 613,115	3,670	3,209
40	33	97 403	53 694,658	1 532 352,439	28,538	28,077	90	83	11 918	3 120,880	10 631,469	3,407	2,946
41	34	97 248	52 817,167	1 478 657,782	27,996	27,535	91	84	9 196	2 372,298	7 510,589	3,166	2,705
42	35	97 070	51 941,287	1 425 840,614	27,451	26,990	92	85	6 881	1 749,025	5 138,291	2,938	2,477
43	36	96 888	51 077,430	1 373 899,327	26,898	26,438	93	86	4 947	1 238,742	3 389,265	2,736	2,275
44	37	96 687	50 218,385	1 322 821,897	26,341	25,881	94	87	3 417	842,910	2 150,523	2,551	2,091
45	38	96 471	49 365,519	1 272 603,513	25,779	25,318	95	88	2 247	546,231	1 307,613	2,394	1,933
46	39	96 236	48 517,676	1 223 237,994	25,212	24,751	96	89	1 413	338,363	761,382	2,250	1,789
47	40	95 975	47 671,029	1 174 720,318	24,642	24,181	97	90	844	199,068	423,019	2,125	1,664
48	41	95 691	46 827,357	1 127 049,289	24,068	23,607	98	91	480	111,580	223,951	2,007	1,546
49	42	95 370	45 980,525	1 080 221,932	23,493	23,032	99	92	259	59,413	112,371	1,891	1,431
							100	93	130	29,437	52,957	1,799	1,338

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	45 167,970	1 040 600,220	23,038	22,578
1							51	43	94 707	44 321,677	995 432,250	22,459	21,998
2							52	44	94 284	43 471,468	951 110,573	21,879	21,418
3							53	45	93 819	42 617,542	907 639,105	21,297	20,837
4							54	46	93 295	41 753,235	865 021,563	20,717	20,257
5							55	47	92 717	40 881,699	823 268,328	20,138	19,677
6							56	48	92 070	39 996,449	782 386,629	19,561	19,101
7							57	49	91 348	39 096,380	742 390,180	18,989	18,528
8	0	99 573	88 392,229	3 787 531,406	42,849	42,388	58	50	90 550	38 181,882	703 293,800	18,420	17,959
9	1	99 278	86 827,485	3 699 139,177	42,603	42,143	59	51	89 685	37 258,235	665 111,918	17,851	17,391
10	2	99 248	85 518,429	3 612 311,692	42,240	41,779	60	52	88 721	36 313,083	627 853,683	17,290	16,829
11	3	99 227	84 237,265	3 526 793,263	41,867	41,407	61	53	87 679	35 356,507	591 540,600	16,731	16,270
12	4	99 210	82 978,370	3 442 555,997	41,487	41,027	62	54	86 536	34 379,579	556 184,093	16,178	15,717
13	5	99 193	81 737,327	3 359 577,627	41,102	40,641	63	55	85 283	33 381,209	521 804,514	15,632	15,171
14	6	99 177	80 516,432	3 277 840,300	40,710	40,249	64	56	83 916	32 360,805	488 423,305	15,093	14,632
15	7	99 157	79 310,942	3 197 323,869	40,314	39,853	65	57	82 450	31 325,672	456 062,500	14,559	14,098
16	8	99 137	78 122,994	3 118 012,926	39,912	39,451	66	58	80 880	30 274,776	424 736,827	14,029	13,569
17	9	99 107	76 945,321	3 039 889,932	39,507	39,046	67	59	79 189	29 203,887	394 462,051	13,507	13,046
18	10	99 075	75 783,956	2 962 944,612	39,097	38,636	68	60	77 397	28 121,159	365 258,164	12,989	12,528
19	11	99 032	74 631,026	2 887 160,655	38,686	38,225	69	61	75 488	27 022,229	337 137,005	12,476	12,015
20	12	98 984	73 492,782	2 812 529,629	38,269	37,809	70	62	73 484	25 916,018	310 114,775	11,966	11,505
21	13	98 937	72 372,230	2 739 036,847	37,847	37,386	71	63	71 390	24 805,457	284 198,757	11,457	10,996
22	14	98 889	71 268,218	2 666 664,617	37,417	36,957	72	64	69 139	23 668,330	259 393,301	10,960	10,499
23	15	98 839	70 179,082	2 595 396,399	36,982	36,522	73	65	66 823	22 537,438	235 724,971	10,459	9,998
24	16	98 786	69 104,898	2 525 217,317	36,542	36,081	74	66	64 376	21 391,409	213 187,533	9,966	9,505
25	17	98 728	68 043,757	2 456 112,419	36,096	35,635	75	67	61 823	20 239,260	191 796,124	9,476	9,016
26	18	98 671	66 999,887	2 388 068,662	35,643	35,182	76	68	59 147	19 077,222	171 556,864	8,993	8,532
27	19	98 612	65 969,943	2 321 068,776	35,184	34,723	77	69	56 351	17 906,853	152 479,642	8,515	8,054
28	20	98 551	64 955,108	2 255 098,833	34,718	34,257	78	70	53 458	16 736,409	134 572,789	8,041	7,580
29	21	98 490	63 955,111	2 190 143,725	34,245	33,784	79	71	50 426	15 553,966	117 836,380	7,576	7,115
30	22	98 424	62 968,183	2 126 188,614	33,766	33,305	80	72	47 270	14 364,752	102 282,414	7,120	6,660
31	23	98 356	61 994,453	2 063 220,431	33,281	32,820	81	73	43 965	13 163,215	87 917,662	6,679	6,218
32	24	98 283	61 033,258	2 001 225,978	32,789	32,328	82	74	40 541	11 958,476	74 754,447	6,251	5,790
33	25	98 207	60 084,683	1 940 192,720	32,291	31,830	83	75	37 041	10 764,628	62 795,970	5,834	5,373
34	26	98 119	59 143,729	1 880 108,037	31,789	31,328	84	76	33 428	9 571,191	52 031,342	5,436	4,975
35	27	98 033	58 218,355	1 820 964,308	31,278	30,817	85	77	29 760	8 394,885	42 460,151	5,058	4,597
36	28	97 938	57 302,659	1 762 745,953	30,762	30,301	86	78	26 087	7 250,131	34 065,266	4,699	4,238
37	29	97 828	56 392,541	1 705 443,293	30,242	29,782	87	79	22 467	6 151,831	26 815,135	4,359	3,898
38	30	97 707	55 490,034	1 649 050,752	29,718	29,257	88	80	18 965	5 116,230	20 663,304	4,039	3,578
39	31	97 580	54 598,993	1 593 560,718	29,187	28,726	89	81	15 612	4 149,343	15 547,074	3,747	3,286
40	32	97 436	53 712,700	1 538 961,724	28,652	28,191	90	82	12 506	3 274,803	11 397,731	3,480	3,020
41	33	97 283	52 835,672	1 485 249,024	28,111	27,650	91	83	9 733	2 510,889	8 122,927	3,235	2,774
42	34	97 107	51 961,125	1 432 413,352	27,567	27,106	92	84	7 350	1 868,194	5 612,038	3,004	2,543
43	35	96 933	51 101,291	1 380 452,227	27,014	26,553	93	85	5 340	1 337,292	3 743,845	2,800	2,339
44	36	96 733	50 242,343	1 329 350,936	26,459	25,998	94	86	3 735	921,494	2 406,552	2,612	2,151
45	37	96 519	49 390,457	1 279 108,593	25,898	25,437	95	87	2 494	606,313	1 485,058	2,449	1,989
46	38	96 289	48 544,575	1 229 718,135	25,332	24,871	96	88	1 593	381,600	878,745	2,303	1,842
47	39	96 038	47 702,066	1 181 173,561	24,761	24,301	97	89	968	228,501	497,145	2,176	1,715
48	40	95 751	46 857,024	1 133 471,494	24,190	23,729	98	90	563	130,827	268,645	2,053	1,593
49	41	95 440	46 014,250	1 086 614,470	23,615	23,154	99	91	311	71,233	137,818	1,935	1,474
							100	92	161	36,250	66,585	1,837	1,376

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0							50	41	95 159	45 201,100	1 046 433,703	23,151	22,690
1							51	42	94 784	44 357,467	1 001 232,603	22,572	22,111
2							52	43	94 369	43 510,440	956 875,136	21,992	21,531
3							53	44	93 907	42 657,890	913 364,696	21,411	20,951
4							54	45	93 395	41 798,196	870 706,806	20,831	20,370
5							55	46	92 827	40 930,168	828 908,610	20,252	19,791
6							56	47	92 190	40 048,487	787 978,443	19,676	19,215
7							57	48	91 487	39 155,784	747 929,956	19,101	18,641
8							58	49	90 703	38 246,291	708 774,172	18,532	18,071
9	0	99 566	87 079,307	3 705 726,523	42,556	42,095	59	50	89 850	37 327,062	670 527,881	17,964	17,503
10	1	99 270	85 537,454	3 618 647,216	42,305	41,844	60	51	88 905	36 388,645	633 200,818	17,401	16,940
11	2	99 240	84 248,336	3 533 109,762	41,937	41,476	61	52	87 873	35 434,620	596 812,174	16,843	16,382
12	3	99 220	82 986,644	3 448 861,426	41,559	41,098	62	53	86 751	34 465,004	561 377,554	16,288	15,828
13	4	99 202	81 744,852	3 365 874,782	41,175	40,715	63	54	85 519	33 473,404	526 912,551	15,741	15,280
14	5	99 183	80 521,903	3 284 129,930	40,786	40,325	64	55	84 178	32 461,839	493 439,147	15,201	14,740
15	6	99 164	79 316,734	3 203 608,028	40,390	39,929	65	56	82 730	31 431,962	460 977,308	14,666	14,205
16	7	99 142	78 126,715	3 124 291,294	39,990	39,529	66	57	81 185	30 388,926	429 545,346	14,135	13,674
17	8	99 114	76 950,867	3 046 164,579	39,586	39,125	67	58	79 521	29 326,282	399 156,420	13,611	13,150
18	9	99 081	75 787,985	2 969 213,713	39,178	38,717	68	59	77 757	28 252,093	369 830,137	13,090	12,630
19	10	99 037	74 635,176	2 893 425,728	38,768	38,307	69	60	75 877	27 161,481	341 578,045	12,576	12,115
20	11	98 992	73 498,434	2 818 790,552	38,352	37,891	70	61	73 897	26 061,603	314 416,564	12,064	11,604
21	12	98 943	72 376,804	2 745 292,118	37,931	37,470	71	62	71 830	24 958,249	288 354,961	11,553	11,093
22	13	98 897	71 273,851	2 672 915,314	37,502	37,041	72	63	69 610	23 829,421	263 396,712	11,053	10,593
23	14	98 848	70 185,556	2 601 641,463	37,068	36,607	73	64	67 322	22 705,659	239 567,291	10,551	10,090
24	15	98 797	69 112,899	2 531 455,906	36,628	36,167	74	65	64 896	21 564,218	216 861,631	10,057	9,596
25	16	98 740	68 052,457	2 462 343,007	36,183	35,722	75	66	62 369	20 418,077	195 297,413	9,565	9,104
26	17	98 684	67 008,575	2 394 290,550	35,731	35,270	76	67	59 706	19 257,431	174 879,336	9,081	8,620
27	18	98 628	65 980,653	2 327 281,976	35,272	34,811	77	68	56 932	18 091,458	155 621,905	8,602	8,141
28	19	98 568	64 965,786	2 261 301,323	34,808	34,347	78	69	54 083	16 931,910	137 530,447	8,123	7,662
29	20	98 506	63 965,581	2 196 335,537	34,336	33,875	79	70	51 067	15 751,678	120 598,538	7,656	7,195
30	21	98 441	62 978,876	2 132 369,956	33,858	33,398	80	71	47 932	14 565,974	104 846,860	7,198	6,737
31	22	98 372	62 004,856	2 069 391,079	33,375	32,914	81	72	44 633	13 362,963	90 280,886	6,756	6,295
32	23	98 299	61 043,242	2 007 386,223	32,885	32,424	82	73	41 231	12 162,021	76 917,923	6,324	5,864
33	24	98 223	60 094,555	1 946 342,981	32,388	31,927	83	74	37 727	10 964,088	64 755,902	5,906	5,445
34	25	98 138	59 155,229	1 886 248,426	31,886	31,426	84	75	34 115	9 767,717	53 791,814	5,507	5,046
35	26	98 050	58 228,734	1 827 093,197	31,378	30,917	85	76	30 434	8 585,034	44 024,097	5,128	4,667
36	27	97 959	57 314,681	1 768 864,463	30,862	30,402	86	77	26 727	7 427,944	35 439,063	4,771	4,310
37	28	97 852	56 405,965	1 711 549,782	30,343	29,883	87	78	23 096	6 323,888	28 011,119	4,429	3,969
38	29	97 731	55 503,731	1 655 143,816	29,820	29,360	88	79	19 568	5 278,864	21 687,231	4,108	3,648
39	30	97 607	54 614,437	1 599 640,086	29,290	28,829	89	80	16 183	4 301,003	16 408,367	3,815	3,354
40	31	97 467	53 730,001	1 545 025,648	28,755	28,295	90	81	13 033	3 412,730	12 107,364	3,548	3,087
41	32	97 315	52 853,426	1 491 295,647	28,216	27,755	91	82	10 213	2 634,727	8 694,634	3,300	2,839
42	33	97 141	51 979,330	1 438 442,221	27,673	27,213	92	83	7 780	1 977,334	6 059,907	3,065	2,604
43	34	96 970	51 120,809	1 386 462,891	27,121	26,661	93	84	5 704	1 428,407	4 082,573	2,858	2,397
44	35	96 778	50 265,814	1 335 342,082	26,566	26,105	94	85	4 032	994,805	2 654,166	2,668	2,207
45	36	96 566	49 414,021	1 285 076,268	26,006	25,546	95	86	2 727	662,839	1 659,361	2,503	2,043
46	37	96 338	48 569,099	1 235 662,247	25,441	24,981	96	87	1 769	423,573	996,521	2,353	1,892
47	38	96 091	47 728,513	1 187 093,149	24,872	24,411	97	88	1 092	257,699	572,948	2,223	1,763
48	39	95 814	46 887,531	1 139 364,636	24,300	23,839	98	89	646	150,170	315,249	2,099	1,638
49	40	95 500	46 043,402	1 092 477,104	23,727	23,266	99	90	365	83,520	165,079	1,977	1,516
							100	91	193	43,462	81,559	1,877	1,416

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	40	95 220	45 229,736	1 051 780,395	23,254	22,793
1							51	41	94 853	44 390,002	1 006 550,659	22,675	22,214
2							52	42	94 445	43 545,575	962 160,657	22,095	21,635
3							53	43	93 992	42 696,132	918 615,082	21,515	21,054
4							54	44	93 483	41 837,768	875 918,949	20,936	20,475
5							55	45	92 927	40 974,242	834 081,182	20,356	19,895
6							56	46	92 299	40 095,968	793 106,939	19,780	19,319
7							57	47	91 606	39 206,728	753 010,971	19,206	18,745
8							58	48	90 840	38 304,403	713 804,244	18,635	18,174
9							59	49	90 002	37 390,030	675 499,840	18,066	17,606
10	0	99 558	85 785,535	3 624 707,374	42,253	41,792	60	50	89 070	36 455,865	638 109,811	17,504	17,043
11	1	99 262	84 267,078	3 538 921,839	41,996	41,536	61	51	88 056	35 508,353	601 653,945	16,944	16,483
12	2	99 233	82 997,550	3 454 654,761	41,624	41,163	62	52	86 942	34 541,147	566 145,592	16,390	15,930
13	3	99 212	81 753,002	3 371 657,211	41,242	40,781	63	53	85 731	33 556,576	531 604,445	15,842	15,381
14	4	99 192	80 529,315	3 289 904,209	40,853	40,393	64	54	84 411	32 551,494	498 047,869	15,300	14,840
15	5	99 171	79 322,123	3 209 374,893	40,460	39,999	65	55	82 989	31 530,096	465 496,375	14,764	14,303
16	6	99 149	78 132,420	3 130 052,770	40,061	39,600	66	56	81 460	30 492,037	433 966,279	14,232	13,771
17	7	99 119	76 954,532	3 051 920,350	39,659	39,198	67	57	79 821	29 436,856	403 474,241	13,706	13,246
18	8	99 088	75 793,447	2 974 965,819	39,251	38,790	68	58	78 083	28 370,499	374 037,385	13,184	12,723
19	9	99 042	74 639,143	2 899 172,372	38,843	38,382	69	59	76 230	27 287,946	345 666,886	12,667	12,207
20	10	98 997	73 502,521	2 824 533,229	38,428	37,967	70	60	74 277	26 195,904	318 378,940	12,154	11,693
21	11	98 951	72 382,371	2 751 030,708	38,007	37,546	71	61	72 233	25 098,453	292 183,036	11,641	11,181
22	12	98 903	71 278,356	2 678 648,338	37,580	37,119	72	62	70 038	23 976,202	267 084,583	11,140	10,679
23	13	98 856	70 191,104	2 607 369,982	37,147	36,686	73	63	67 780	22 860,198	243 108,381	10,635	10,174
24	14	98 806	69 119,276	2 537 178,878	36,707	36,246	74	64	65 381	21 725,176	220 248,183	10,138	9,677
25	15	98 752	68 060,336	2 468 059,602	36,263	35,802	75	65	62 873	20 583,023	198 523,007	9,645	9,184
26	16	98 697	67 017,142	2 399 999,266	35,812	35,351	76	66	60 233	19 427,573	177 939,984	9,159	8,698
27	17	98 641	65 989,208	2 332 982,124	35,354	34,893	77	67	57 470	18 262,355	158 512,411	8,680	8,219
28	18	98 584	64 976,333	2 266 992,916	34,890	34,429	78	68	54 640	17 106,463	140 250,055	8,199	7,738
29	19	98 522	63 976,096	2 202 016,582	34,419	33,959	79	69	51 664	15 935,676	123 143,592	7,728	7,267
30	20	98 457	62 989,187	2 138 040,486	33,943	33,482	80	70	48 541	14 751,126	107 207,916	7,268	6,807
31	21	98 389	62 015,386	2 075 051,299	33,460	32,999	81	71	45 258	13 550,152	92 456,790	6,823	6,363
32	22	98 316	61 053,486	2 013 035,913	32,972	32,511	82	72	41 856	12 346,576	78 906,638	6,391	5,930
33	23	98 239	60 104,385	1 951 982,427	32,477	32,016	83	73	38 369	11 150,707	66 560,062	5,969	5,508
34	24	98 154	59 164,948	1 891 878,042	31,976	31,516	84	74	34 747	9 948,705	55 409,355	5,570	5,109
35	25	98 069	58 240,057	1 832 713,093	31,468	31,007	85	75	31 059	8 761,311	45 460,650	5,189	4,728
36	26	97 976	57 324,899	1 774 473,037	30,955	30,494	86	76	27 332	7 596,191	36 699,338	4,831	4,370
37	27	97 872	56 417,799	1 717 148,138	30,436	29,975	87	77	23 662	6 478,984	29 103,147	4,492	4,031
38	28	97 754	55 516,943	1 660 730,339	29,914	29,453	88	78	20 116	5 426,505	22 624,163	4,169	3,708
39	29	97 632	54 627,918	1 605 213,396	29,384	28,924	89	79	16 697	4 437,722	17 197,658	3,875	3,415
40	30	97 495	53 745,200	1 550 585,479	28,851	28,390	90	80	13 509	3 537,466	12 759,936	3,607	3,146
41	31	97 347	52 870,450	1 496 840,279	28,311	27,851	91	81	10 643	2 745,695	9 222,469	3,359	2,898
42	32	97 174	51 996,796	1 443 969,829	27,770	27,310	92	82	8 163	2 074,858	6 476,774	3,122	2,661
43	33	97 004	51 138,719	1 391 973,033	27,220	26,759	93	83	6 037	1 511,856	4 401,917	2,912	2,451
44	34	96 815	50 285,012	1 340 834,313	26,665	26,204	94	84	4 307	1 062,585	2 890,061	2,720	2,259
45	35	96 611	49 437,105	1 290 549,301	26,105	25,644	95	85	2 944	715,573	1 827,476	2,554	2,093
46	36	96 384	48 592,270	1 241 112,196	25,541	25,081	96	86	1 934	463,063	1 111,903	2,401	1,940
47	37	96 139	47 752,625	1 192 519,926	24,973	24,512	97	87	1 212	286,044	648,840	2,268	1,808
48	38	95 867	46 913,526	1 144 767,301	24,402	23,941	98	88	729	169,359	362,796	2,142	1,681
49	39	95 562	46 073,379	1 097 853,774	23,828	23,368	99	89	419	95,868	193,437	2,018	1,557
							100	90	226	50,959	97,569	1,915	1,454

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	39	95 282	45 259,184	1 056 681,859	23,347	22,887
							51	40	94 914	44 418,125	1 011 422,675	22,770	22,310
							52	41	94 514	43 577,515	967 004,550	22,190	21,730
							53	42	94 067	42 730,610	923 427,035	21,610	21,150
							54	43	93 567	41 875,275	880 696,425	21,031	20,571
							55	44	93 015	41 013,034	838 821,150	20,453	19,992
							56	45	92 399	40 139,144	797 808,116	19,876	19,415
							57	46	91 715	39 253,211	757 668,971	19,302	18,841
							58	47	90 959	38 354,239	718 415,761	18,731	18,270
							59	48	90 139	37 446,841	680 061,521	18,161	17,700
							60	49	89 220	36 517,363	642 614,680	17,598	17,137
	0	99 550	84 511,474	3 544 496,200	41,941	41,480	61	50	88 219	35 573,948	606 097,317	17,038	16,577
	1	99 255	83 016,014	3 459 984,726	41,679	41,218	62	51	87 123	34 613,021	570 523,370	16,483	16,022
	2	99 225	81 763,746	3 376 968,712	41,302	40,841	63	52	85 920	33 630,713	535 910,349	15,935	15,474
	3	99 202	80 537,345	3 295 204,966	40,915	40,454	64	53	84 620	32 632,376	502 279,636	15,392	14,931
	4	99 180	79 329,426	3 214 667,621	40,523	40,062	65	54	83 218	31 617,178	469 647,260	14,854	14,393
	5	99 156	78 137,729	3 135 338,195	40,126	39,665	66	55	81 714	30 587,237	438 030,081	14,321	13,860
	6	99 126	76 960,151	3 057 200,466	39,724	39,264	67	56	80 092	29 536,737	407 442,845	13,794	13,334
	7	99 093	75 797,057	2 980 240,315	39,319	38,858	68	57	78 378	28 477,469	377 906,108	13,270	12,810
	8	99 050	74 644,522	2 904 443,258	38,910	38,450	69	58	76 550	27 402,312	349 428,639	12,752	12,291
	9	99 003	73 506,428	2 829 798,736	38,497	38,036	70	59	74 623	26 317,873	322 026,328	12,236	11,775
	10	98 956	72 386,395	2 756 292,308	38,077	37,617	71	60	72 605	25 227,792	295 708,454	11,722	11,261
	11	98 911	71 283,838	2 683 905,913	37,651	37,190	72	61	70 432	24 110,890	270 480,663	11,218	10,757
	12	98 862	70 195,540	2 612 622,076	37,219	36,758	73	62	68 197	23 001,009	246 369,773	10,711	10,250
	13	98 814	69 124,739	2 542 426,535	36,780	36,319	74	63	65 826	21 873,041	223 368,765	10,212	9,751
	14	98 761	68 066,615	2 473 301,796	36,336	35,876	75	64	63 342	20 736,657	201 495,723	9,717	9,256
	15	98 708	67 024,902	2 405 235,181	35,886	35,425	76	65	60 720	19 584,518	180 759,066	9,230	8,769
	16	98 653	65 997,645	2 338 210,279	35,429	34,968	77	66	57 978	18 423,706	161 174,549	8,748	8,287
	17	98 596	64 984,428	2 272 212,634	34,965	34,505	78	67	55 156	17 268,057	142 750,843	8,267	7,806
	18	98 538	63 986,483	2 207 227,875	34,495	34,034	79	68	52 197	16 099,959	125 482,786	7,794	7,333
	19	98 473	62 999,542	2 143 241,392	34,020	33,559	80	69	49 108	14 923,437	109 382,827	7,330	6,869
	20	98 405	62 025,539	2 080 241,850	33,538	33,078	81	70	45 833	13 722,392	94 459,390	6,884	6,423
	21	98 333	61 063,854	2 018 216,312	33,051	32,590	82	71	42 443	12 519,527	80 736,998	6,449	5,988
	22	98 256	60 114,471	1 957 152,458	32,557	32,096	83	72	38 952	11 319,916	68 217,471	6,026	5,566
	23	98 170	59 174,627	1 897 037,986	32,058	31,598	84	73	35 338	10 118,041	56 897,555	5,623	5,163
	24	98 085	58 249,625	1 837 863,359	31,552	31,091	85	74	31 634	8 923,651	46 779,514	5,242	4,781
	25	97 995	57 336,046	1 779 613,734	31,038	30,578	86	75	27 893	7 752,164	37 855,862	4,883	4,422
	26	97 890	56 427,856	1 722 277,688	30,522	30,061	87	76	24 198	6 625,737	30 103,698	4,543	4,083
	27	97 775	55 528,590	1 665 849,832	30,000	29,539	88	77	20 609	5 559,593	23 477,961	4,223	3,762
	28	97 655	54 640,922	1 610 321,242	29,471	29,010	89	78	17 164	4 561,838	17 918,368	3,928	3,467
	29	97 519	53 758,466	1 555 680,320	28,938	28,478	90	79	13 939	3 649,914	13 356,530	3,659	3,199
	30	97 374	52 885,405	1 501 921,855	28,400	27,939	91	80	11 032	2 846,051	9 706,616	3,411	2,950
	31	97 205	52 013,545	1 449 036,449	27,859	27,398	92	81	8 507	2 162,245	6 860,565	3,173	2,712
	32	97 037	51 155,903	1 397 022,905	27,309	26,848	93	82	6 335	1 586,421	4 698,319	2,962	2,501
	33	96 849	50 302,630	1 345 867,002	26,755	26,295	94	83	4 559	1 124,662	3 111,898	2,767	2,306
	34	96 648	49 455,987	1 295 564,372	26,196	25,736	95	84	3 145	764,328	1 987,236	2,600	2,139
	35	96 429	48 614,971	1 246 108,385	25,632	25,171	96	85	2 087	499,902	1 222,909	2,446	1,985
	36	96 185	47 775,407	1 197 493,415	25,065	24,604	97	86	1 325	312,712	723,006	2,312	1,851
	37	95 915	46 937,226	1 149 718,008	24,495	24,034	98	87	809	187,988	410,294	2,183	1,722
	38	95 615	46 098,923	1 102 780,781	23,922	23,461	99	88	472	108,118	222,307	2,056	1,595
							100	89	259	58,493	114,188	1,952	1,491

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	45 284,276	1 061 171,870	23,434	22,973
1							51	39	94 975	44 447,044	1 015 887,594	22,856	22,395
2							52	40	94 574	43 605,123	971 440,550	22,278	21,817
3							53	41	94 136	42 761,952	927 835,428	21,698	21,237
4							54	42	93 643	41 909,090	885 073,476	21,119	20,658
5							55	43	93 099	41 049,802	843 164,386	20,540	20,079
6							56	44	92 486	40 177,146	802 114,584	19,964	19,504
7							57	45	91 814	39 295,479	761 937,438	19,390	18,929
8							58	46	91 066	38 399,712	722 641,958	18,819	18,358
9							59	47	90 256	37 495,561	684 242,246	18,249	17,788
10							60	48	89 356	36 572,848	646 746,685	17,684	17,223
11							61	49	88 368	35 633,958	610 173,837	17,123	16,663
12	0	99 543	83 256,782	3 465 112,072	41,620	41,159	62	50	87 284	34 676,962	574 539,879	16,568	16,108
13	1	99 247	81 781,936	3 381 855,290	41,352	40,891	63	51	86 099	33 700,692	539 862,918	16,019	15,559
14	2	99 215	80 547,929	3 300 073,354	40,970	40,510	64	52	84 807	32 704,471	506 162,225	15,477	15,016
15	3	99 190	79 337,336	3 219 525,425	40,580	40,119	65	53	83 425	31 695,739	473 457,754	14,938	14,477
16	4	99 165	78 144,922	3 140 188,090	40,184	39,723	66	54	81 940	30 671,715	441 762,016	14,403	13,942
17	5	99 133	76 965,380	3 062 043,167	39,785	39,324	67	55	80 342	29 628,953	411 090,301	13,875	13,414
18	6	99 100	75 802,592	2 985 077,787	39,380	38,919	68	56	78 644	28 574,094	381 461,347	13,350	12,889
19	7	99 054	74 648,078	2 909 275,195	38,973	38,512	69	57	76 838	27 505,631	352 887,253	12,830	12,369
20	8	99 010	73 511,725	2 834 627,118	38,560	38,099	70	58	74 936	26 428,173	325 381,622	12,312	11,851
21	9	98 962	72 390,242	2 761 115,392	38,142	37,681	71	59	72 943	25 345,253	298 953,449	11,795	11,334
22	10	98 916	71 287,801	2 688 725,150	37,716	37,256	72	60	70 795	24 235,138	273 608,196	11,290	10,829
23	11	98 869	70 200,939	2 617 437,349	37,285	36,824	73	61	68 581	23 130,218	249 373,057	10,781	10,320
24	12	98 820	69 129,108	2 547 236,410	36,848	36,387	74	62	66 231	22 007,771	226 242,839	10,280	9,819
25	13	98 769	68 071,996	2 478 107,302	36,404	35,943	75	63	63 773	20 877,794	204 235,068	9,782	9,322
26	14	98 717	67 031,085	2 410 035,306	35,954	35,493	76	64	61 173	19 730,698	183 357,273	9,293	8,832
27	15	98 665	66 005,287	2 343 004,221	35,497	35,036	77	65	58 446	18 572,540	163 626,575	8,810	8,349
28	16	98 609	64 993,067	2 276 998,934	35,034	34,574	78	66	55 644	17 420,622	145 054,034	8,327	7,866
29	17	98 551	63 994,780	2 212 005,866	34,565	34,105	79	67	52 690	16 252,045	127 633,412	7,853	7,393
30	18	98 489	63 009,770	2 148 011,086	34,090	33,629	80	68	49 614	15 077,285	111 381,367	7,387	6,927
31	19	98 421	62 035,735	2 085 001,317	33,610	33,149	81	69	46 368	13 882,686	96 304,082	6,937	6,476
32	20	98 349	61 073,851	2 022 965,581	33,123	32,662	82	70	42 982	12 678,666	82 421,396	6,501	6,040
33	21	98 273	60 124,680	1 961 891,731	32,630	32,170	83	71	39 497	11 478,486	69 742,730	6,076	5,615
34	22	98 187	59 184,557	1 901 767,050	32,133	31,672	84	72	35 874	10 271,580	58 264,245	5,672	5,212
35	23	98 102	58 259,154	1 842 582,494	31,627	31,167	85	73	32 173	9 075,540	47 992,665	5,288	4,827
36	24	98 011	57 345,466	1 784 323,339	31,115	30,655	86	74	28 410	7 895,806	38 917,125	4,929	4,468
37	25	97 909	56 438,829	1 726 977,874	30,599	30,138	87	75	24 695	6 761,784	31 021,319	4,588	4,127
38	26	97 792	55 538,489	1 670 539,045	30,079	29,618	88	76	21 076	5 685,521	24 259,535	4,267	3,806
39	27	97 675	54 652,385	1 615 000,556	29,550	29,090	89	77	17 585	4 673,720	18 574,014	3,974	3,513
40	28	97 542	53 771,263	1 560 348,171	29,018	28,557	90	78	14 329	3 751,997	13 900,295	3,705	3,244
41	29	97 398	52 898,459	1 506 576,908	28,481	28,020	91	79	11 383	2 936,521	10 148,298	3,456	2,995
42	30	97 233	52 028,257	1 453 678,450	27,940	27,479	92	80	8 818	2 241,276	7 211,777	3,218	2,757
43	31	97 068	51 172,381	1 401 650,192	27,391	26,930	93	81	6 602	1 653,237	4 970,501	3,007	2,546
44	32	96 882	50 319,532	1 350 477,811	26,838	26,377	94	82	4 783	1 180,131	3 317,264	2,811	2,350
45	33	96 681	49 473,314	1 300 158,279	26,280	25,819	95	83	3 328	808,980	2 137,133	2,642	2,181
46	34	96 466	48 633,539	1 250 684,965	25,717	25,256	96	84	2 230	533,963	1 328,154	2,487	2,027
47	35	96 230	47 797,725	1 202 051,427	25,149	24,688	97	85	1 431	337,590	794,191	2,353	1,892
48	36	95 961	46 959,619	1 154 253,701	24,580	24,119	98	86	884	205,514	456,600	2,222	1,761
49	37	95 663	46 122,212	1 107 294,082	24,008	23,547	99	87	524	120,011	251,087	2,092	1,631
							100	88	292	65,968	131,076	1,987	1,526

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	37	95 383	45 307,153	1 065 283,702	23,512	23,052
1							51	38	95 028	44 471,686	1 019 976,549	22,935	22,475
2							52	39	94 636	43 633,513	975 504,863	22,357	21,896
3							53	40	94 196	42 789,043	931 871,350	21,778	21,317
4							54	41	93 712	41 939,829	889 082,307	21,199	20,738
5							55	42	93 174	41 082,950	847 142,478	20,620	20,159
6							56	43	92 569	40 213,165	806 059,528	20,045	19,584
7							57	44	91 901	39 332,682	765 846,363	19,471	19,010
8							58	45	91 165	38 441,062	726 513,681	18,899	18,439
9							59	46	90 363	37 540,016	688 072,619	18,329	17,868
10							60	47	89 472	36 620,432	650 532,603	17,764	17,303
11							61	48	88 502	35 688,100	613 912,172	17,202	16,741
12							62	49	87 431	34 735,459	578 224,072	16,647	16,186
13	0	99 535	82 019,124	3 386 571,667	41,290	40,829	63	50	86 258	33 762,948	543 488,613	16,097	15,636
14	1	99 237	80 565,848	3 304 552,542	41,017	40,556	64	51	84 984	32 772,523	509 725,665	15,553	15,093
15	2	99 203	79 347,762	3 223 986,694	40,631	40,170	65	52	83 609	31 765,764	476 953,142	15,015	14,554
16	3	99 175	78 152,714	3 144 638,932	40,237	39,776	66	53	82 144	30 747,926	445 187,378	14,479	14,018
17	4	99 142	76 972,466	3 066 486,218	39,839	39,378	67	54	80 564	29 710,785	414 439,452	13,949	13,488
18	5	99 107	75 807,742	2 989 513,752	39,435	38,975	68	55	78 889	28 663,306	384 728,667	13,422	12,962
19	6	99 062	74 653,529	2 913 706,010	39,030	38,569	69	56	77 099	27 598,959	356 065,362	12,901	12,441
20	7	99 014	73 515,227	2 839 052,481	38,619	38,158	70	57	75 218	26 527,820	328 466,402	12,382	11,921
21	8	98 969	72 395,460	2 765 537,254	38,200	37,740	71	58	73 249	25 451,477	301 938,583	11,863	11,403
22	9	98 922	71 291,590	2 693 141,794	37,776	37,316	72	59	71 124	24 347,978	276 487,106	11,356	10,895
23	10	98 875	70 204,842	2 621 850,204	37,346	36,885	73	60	68 934	23 249,413	252 139,128	10,845	10,384
24	11	98 828	69 134,425	2 551 645,362	36,908	36,448	74	61	66 603	22 131,401	228 889,714	10,342	9,882
25	12	98 775	68 076,298	2 482 510,938	36,467	36,006	75	62	64 166	21 006,394	206 758,313	9,843	9,382
26	13	98 725	67 036,384	2 414 434,640	36,017	35,556	76	63	61 590	19 864,990	185 751,919	9,351	8,890
27	14	98 674	66 011,376	2 347 398,256	35,561	35,100	77	64	58 882	18 711,168	165 886,930	8,866	8,405
28	15	98 620	65 000,593	2 281 386,879	35,098	34,637	78	65	56 093	17 561,354	147 175,762	8,381	7,920
29	16	98 563	64 002,962	2 216 386,287	34,629	34,169	79	66	53 155	16 395,634	129 614,408	7,905	7,445
30	17	98 502	63 017,940	2 152 383,325	34,155	33,694	80	67	50 083	15 219,710	113 218,774	7,439	6,978
31	18	98 437	62 045,807	2 089 365,385	33,675	33,214	81	68	46 847	14 025,805	97 999,064	6,987	6,526
32	19	98 365	61 083,891	2 027 319,578	33,189	32,728	82	69	43 484	12 826,768	83 973,260	6,547	6,086
33	20	98 289	60 134,523	1 966 235,687	32,697	32,236	83	70	39 999	11 624,392	71 146,492	6,120	5,660
34	21	98 204	59 194,608	1 906 101,164	32,201	31,740	84	71	36 377	10 415,464	59 522,100	5,715	5,254
35	22	98 118	58 268,930	1 846 906,556	31,696	31,235	85	72	32 661	9 213,259	49 106,635	5,330	4,869
36	23	98 027	57 354,846	1 788 637,625	31,185	30,725	86	73	28 894	8 030,200	39 893,377	4,968	4,507
37	24	97 925	56 448,102	1 731 282,779	30,670	30,210	87	74	25 152	6 887,074	31 863,177	4,627	4,166
38	25	97 811	55 549,289	1 674 834,677	30,150	29,690	88	75	21 508	5 802,262	24 976,103	4,305	3,844
39	26	97 693	54 662,128	1 619 285,389	29,624	29,163	89	76	17 983	4 779,582	19 173,841	4,012	3,551
40	27	97 563	53 782,543	1 564 623,261	29,092	28,631	90	77	14 680	3 844,017	14 394,259	3,745	3,284
41	28	97 421	52 911,051	1 510 840,718	28,554	28,094	91	78	11 701	3 018,650	10 550,242	3,495	3,034
42	29	97 257	52 041,099	1 457 929,666	28,015	27,554	92	79	9 098	2 312,521	7 531,592	3,257	2,796
43	30	97 095	51 186,855	1 405 888,567	27,466	27,005	93	80	6 843	1 713,664	5 219,071	3,046	2,585
44	31	96 913	50 335,741	1 354 701,711	26,913	26,453	94	81	4 985	1 229,835	3 505,407	2,850	2,390
45	32	96 714	49 489,938	1 304 365,971	26,356	25,895	95	82	3 492	848,879	2 275,572	2,681	2,220
46	33	96 500	48 650,577	1 254 876,033	25,794	25,333	96	83	2 360	565,157	1 426,693	2,524	2,064
47	34	96 267	47 815,981	1 206 225,456	25,226	24,766	97	84	1 528	360,592	861,536	2,389	1,928
48	35	96 006	46 981,557	1 158 409,474	24,657	24,196	98	85	954	221,864	500,944	2,258	1,797
49	36	95 709	46 144,216	1 111 427,917	24,086	23,625	99	86	573	131,199	279,081	2,127	1,666
							100	87	325	73,224	147,881	2,020	1,559

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	45 328,768	1 069 048,892	23,584	23,124
1							51	37	95 076	44 494,153	1 023 720,124	23,008	22,547
2							52	38	94 688	43 657,704	979 225,971	22,430	21,969
3							53	39	94 257	42 816,901	935 568,267	21,850	21,390
4							54	40	93 771	41 966,399	892 751,366	21,273	20,812
5							55	41	93 242	41 113,084	850 784,967	20,694	20,233
6							56	42	92 644	40 245,637	809 671,883	20,118	19,657
7							57	43	91 983	39 367,944	769 426,246	19,544	19,084
8							58	44	91 251	38 477,455	730 058,302	18,974	18,513
9							59	45	90 460	37 580,440	691 580,846	18,403	17,942
10							60	46	89 578	36 663,848	654 000,407	17,838	17,377
11							61	47	88 617	35 734,533	617 336,558	17,276	16,815
12							62	48	87 564	34 788,236	581 602,026	16,718	16,258
13							63	49	86 404	33 819,903	546 813,789	16,168	15,708
14	0	99 525	80 799,510	3 308 891,268	40,952	40,491	64	50	85 141	32 833,064	512 993,887	15,624	15,164
15	1	99 225	79 365,414	3 228 091,758	40,674	40,213	65	51	83 783	31 831,863	480 160,823	15,084	14,623
16	2	99 188	78 162,985	3 148 726,344	40,284	39,823	66	52	82 325	30 815,857	448 328,960	14,549	14,088
17	3	99 152	76 980,141	3 070 563,359	39,888	39,427	67	53	80 764	29 784,608	417 513,103	14,018	13,557
18	4	99 116	75 814,721	2 993 583,218	39,486	39,025	68	54	79 107	28 742,470	387 728,494	13,490	13,029
19	5	99 068	74 658,601	2 917 768,496	39,081	38,621	69	55	77 340	27 685,126	358 986,024	12,967	12,506
20	6	99 022	73 520,595	2 843 109,895	38,671	38,210	70	56	75 474	26 617,830	331 300,898	12,447	11,986
21	7	98 973	72 398,908	2 769 589,300	38,255	37,794	71	57	73 525	25 547,440	304 683,068	11,926	11,465
22	8	98 929	71 296,728	2 697 190,392	37,830	37,370	72	58	71 422	24 450,022	279 135,628	11,417	10,956
23	9	98 880	70 208,574	2 625 893,664	37,401	36,941	73	59	69 255	23 357,664	254 685,605	10,904	10,443
24	10	98 833	69 138,268	2 555 685,090	36,965	36,504	74	60	66 947	22 245,449	231 327,942	10,399	9,938
25	11	98 783	68 081,534	2 486 546,822	36,523	36,062	75	61	64 526	21 124,399	209 082,492	9,898	9,437
26	12	98 731	67 040,621	2 418 465,288	36,075	35,614	76	62	61 969	19 987,350	187 958,094	9,404	8,943
27	13	98 682	66 016,594	2 351 424,668	35,619	35,158	77	63	59 283	18 838,520	167 970,743	8,916	8,456
28	14	98 629	65 006,590	2 285 408,073	35,157	34,696	78	64	56 512	17 692,433	149 132,224	8,429	7,968
29	15	98 575	64 010,373	2 220 401,484	34,688	34,227	79	65	53 585	16 528,085	131 439,790	7,953	7,492
30	16	98 515	63 025,997	2 156 391,111	34,214	33,754	80	66	50 525	15 354,178	114 911,705	7,484	7,023
31	17	98 450	62 053,852	2 093 365,114	33,735	33,274	81	67	47 289	14 158,297	99 557,527	7,032	6,571
32	18	98 381	61 093,808	2 031 311,262	33,249	32,788	82	68	43 933	12 959,001	85 399,230	6,590	6,129
33	19	98 305	60 144,409	1 970 217,454	32,758	32,297	83	69	40 466	11 760,179	72 440,229	6,160	5,699
34	20	98 220	59 204,298	1 910 073,045	32,262	31,802	84	70	36 839	10 547,858	60 680,050	5,753	5,292
35	21	98 135	58 278,826	1 850 868,746	31,759	31,298	85	71	33 118	9 342,318	50 132,192	5,366	4,905
36	22	98 044	57 364,471	1 792 589,920	31,249	30,788	86	72	29 332	8 152,056	40 789,874	5,004	4,543
37	23	97 941	56 457,336	1 735 225,449	30,735	30,274	87	73	25 581	7 004,298	32 637,818	4,660	4,199
38	24	97 827	55 558,415	1 678 768,114	30,216	29,755	88	74	21 907	5 909,774	25 633,519	4,337	3,877
39	25	97 712	54 672,757	1 623 209,699	29,690	29,229	89	75	18 352	4 877,721	19 723,746	4,044	3,583
40	26	97 580	53 792,131	1 568 536,942	29,159	28,698	90	76	15 013	3 931,085	14 846,024	3,777	3,316
41	27	97 442	52 922,151	1 514 744,810	28,622	28,161	91	77	11 988	3 092,684	10 914,939	3,529	3,068
42	28	97 280	52 053,488	1 461 822,659	28,083	27,622	92	78	9 353	2 377,199	7 822,255	3,291	2,830
43	29	97 119	51 199,490	1 409 769,171	27,535	27,074	93	79	7 061	1 768,137	5 445,056	3,080	2,619
44	30	96 940	50 349,979	1 358 569,682	26,983	26,522	94	80	5 167	1 274,786	3 676,919	2,884	2,424
45	31	96 745	49 505,879	1 308 219,703	26,426	25,965	95	81	3 639	884,632	2 402,133	2,715	2,255
46	32	96 532	48 666,925	1 258 713,824	25,864	25,403	96	82	2 476	593,031	1 517,501	2,559	2,098
47	33	96 301	47 832,734	1 210 046,899	25,297	24,837	97	83	1 618	381,658	924,470	2,422	1,961
48	34	96 042	46 999,501	1 162 214,165	24,728	24,267	98	84	1 019	236,980	542,813	2,291	1,830
49	35	95 754	46 165,772	1 115 214,664	24,157	23,696	99	85	618	141,637	305,833	2,159	1,698
							100	86	355	80,050	164,195	2,051	1,590

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	45 349,944	1 072 497,172	23,649	23,189
1							51	36	95 121	44 515,380	1 027 147,228	23,074	22,613
2							52	37	94 736	43 679,759	982 631,848	22,496	22,035
3							53	38	94 310	42 840,640	938 952,089	21,917	21,457
4							54	39	93 832	41 993,722	896 111,450	21,339	20,878
5							55	40	93 301	41 139,130	854 117,727	20,762	20,301
6							56	41	92 712	40 275,156	812 978,597	20,186	19,725
7							57	42	92 057	39 399,734	772 703,441	19,612	19,151
8							58	43	91 333	38 511,950	733 303,707	19,041	18,580
9							59	44	90 546	37 616,019	694 791,757	18,471	18,010
10							60	45	89 674	36 703,329	657 175,738	17,905	17,444
11							61	46	88 722	35 776,899	620 472,409	17,343	16,882
12							62	47	87 678	34 833,498	584 695,510	16,785	16,325
13							63	48	86 535	33 871,289	549 862,012	16,234	15,773
14							64	49	85 285	32 888,450	515 990,723	15,689	15,228
15	0	99 513	79 595,594	3 232 083,487	40,606	40,146	65	50	83 938	31 890,666	483 102,273	15,149	14,688
16	1	99 210	78 180,373	3 152 487,892	40,323	39,862	66	51	82 497	30 879,980	451 211,606	14,612	14,151
17	2	99 165	76 990,258	3 074 307,519	39,931	39,470	67	52	80 942	29 850,411	420 331,627	14,081	13,620
18	3	99 126	75 822,281	2 997 317,261	39,531	39,070	68	53	79 304	28 813,888	390 481,216	13,552	13,091
19	4	99 077	74 665,474	2 921 494,981	39,128	38,667	69	54	77 553	27 761,589	361 667,328	13,028	12,567
20	5	99 028	73 525,591	2 846 829,507	38,719	38,258	70	55	75 709	26 700,934	333 905,739	12,505	12,045
21	6	98 981	72 404,195	2 773 303,916	38,303	37,842	71	56	73 775	25 634,124	307 204,806	11,984	11,523
22	7	98 933	71 300,124	2 700 899,721	37,881	37,420	72	57	71 692	24 542,210	281 570,681	11,473	11,012
23	8	98 887	70 213,634	2 629 599,597	37,451	36,991	73	58	69 545	23 455,557	257 028,471	10,958	10,497
24	9	98 839	69 141,943	2 559 385,963	37,016	36,556	74	59	67 258	22 349,025	233 572,914	10,451	9,990
25	10	98 788	68 085,319	2 490 244,020	36,575	36,115	75	60	64 859	21 233,257	211 223,889	9,948	9,487
26	11	98 739	67 045,777	2 422 158,701	36,127	35,666	76	61	62 317	20 099,631	189 990,631	9,452	8,992
27	12	98 688	66 020,767	2 355 112,924	35,672	35,212	77	62	59 648	18 954,558	169 891,001	8,963	8,502
28	13	98 637	65 011,728	2 289 092,158	35,210	34,750	78	63	56 896	17 812,852	150 936,443	8,473	8,013
29	14	98 584	64 016,278	2 224 080,429	34,742	34,282	79	64	53 985	16 651,452	133 123,591	7,995	7,534
30	15	98 526	63 033,295	2 160 064,151	34,269	33,808	80	65	50 934	15 478,216	116 472,139	7,525	7,064
31	16	98 463	62 061,786	2 097 030,857	33,789	33,329	81	66	47 707	14 283,388	100 993,923	7,071	6,610
32	17	98 394	61 101,730	2 034 969,070	33,305	32,844	82	67	44 348	13 081,416	86 710,536	6,629	6,168
33	18	98 321	60 154,173	1 973 867,341	32,813	32,353	83	68	40 884	11 881,416	73 629,119	6,197	5,736
34	19	98 236	59 214,031	1 913 713,167	32,319	31,858	84	69	37 270	10 671,070	61 747,703	5,786	5,326
35	20	98 151	58 288,367	1 854 499,136	31,816	31,355	85	70	33 539	9 461,071	51 076,634	5,399	4,938
36	21	98 061	57 374,213	1 796 210,769	31,307	30,846	86	71	29 743	8 266,250	41 615,562	5,034	4,574
37	22	97 957	56 466,809	1 738 836,556	30,794	30,333	87	72	25 969	7 110,587	33 349,312	4,690	4,229
38	23	97 843	55 567,504	1 682 369,747	30,276	29,815	88	73	22 280	6 010,363	26 238,726	4,366	3,905
39	24	97 728	54 681,739	1 626 802,243	29,750	29,290	89	74	18 693	4 968,102	20 228,362	4,072	3,611
40	25	97 599	53 802,591	1 572 120,504	29,220	28,759	90	75	15 321	4 011,803	15 260,261	3,804	3,343
41	26	97 459	52 931,586	1 518 317,912	28,685	28,224	91	76	12 259	3 162,735	11 248,458	3,557	3,096
42	27	97 300	52 064,408	1 465 386,326	28,146	27,685	92	77	9 582	2 435,501	8 085,722	3,320	2,859
43	28	97 142	51 211,678	1 413 321,919	27,598	27,137	93	78	7 258	1 817,589	5 650,222	3,109	2,648
44	29	96 964	50 362,407	1 362 110,241	27,046	26,585	94	79	5 331	1 315,308	3 832,633	2,914	2,453
45	30	96 772	49 519,882	1 311 747,834	26,489	26,029	95	80	3 772	916,965	2 517,324	2,745	2,284
46	31	96 563	48 682,601	1 262 227,952	25,928	25,467	96	81	2 581	618,008	1 600,359	2,590	2,129
47	32	96 333	47 848,806	1 213 545,351	25,362	24,901	97	82	1 697	400,481	982,351	2,453	1,992
48	33	96 076	47 015,967	1 165 696,544	24,794	24,333	98	83	1 079	250,825	581,870	2,320	1,859
49	34	95 790	46 183,405	1 118 680,577	24,223	23,762	99	84	661	151,288	331,045	2,188	1,727
							100	85	383	86,419	179,758	2,080	1,619

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	45 367,265	1 075 652,372	23,710	23,249
1							51	35	95 166	44 536,176	1 030 285,107	23,134	22,673
2							52	36	94 781	43 700,598	985 748,932	22,557	22,096
3							53	37	94 357	42 862,282	942 048,334	21,978	21,518
4							54	38	93 884	42 017,004	899 186,051	21,401	20,940
5							55	39	93 362	41 165,915	857 169,047	20,822	20,362
6							56	40	92 771	40 300,672	816 003,133	20,248	19,787
7							57	41	92 125	39 428,633	775 702,461	19,674	19,213
8							58	42	91 406	38 543,049	736 273,828	19,103	18,642
9							59	43	90 627	37 649,741	697 730,779	18,532	18,071
10							60	44	89 759	36 738,078	660 081,038	17,967	17,506
11							61	45	88 818	35 815,425	623 342,960	17,404	16,944
12							62	46	87 782	34 874,796	587 527,536	16,847	16,386
13							63	47	86 648	33 915,358	552 652,740	16,295	15,834
14							64	48	85 414	32 938,422	518 737,382	15,749	15,288
15							65	49	84 079	31 944,463	485 798,960	15,208	14,747
16	0	99 497	78 407,117	3 156 160,780	40,253	39,793	66	50	82 649	30 937,024	453 854,498	14,670	14,209
17	1	99 187	77 007,385	3 077 753,663	39,967	39,506	67	51	81 111	29 912,525	422 917,473	14,138	13,678
18	2	99 139	75 832,245	3 000 746,278	39,571	39,110	68	52	79 479	28 877,546	393 004,948	13,609	13,149
19	3	99 087	74 672,919	2 924 914,033	39,170	38,709	69	53	77 746	27 830,569	364 127,402	13,084	12,623
20	4	99 037	73 532,359	2 850 241,114	38,762	38,301	70	54	75 918	26 774,678	336 296,833	12,560	12,099
21	5	98 987	72 409,115	2 776 708,754	38,348	37,887	71	55	74 005	25 714,157	309 522,155	12,037	11,576
22	6	98 941	71 305,331	2 704 299,640	37,926	37,465	72	56	71 935	24 625,483	283 807,998	11,525	11,064
23	7	98 892	70 216,978	2 632 994,309	37,498	37,037	73	57	69 807	23 543,995	259 182,515	11,008	10,548
24	8	98 846	69 146,927	2 562 777,331	37,063	36,602	74	58	67 540	22 442,691	235 638,520	10,500	10,039
25	9	98 793	68 088,938	2 493 630,404	36,623	36,162	75	59	65 161	21 332,120	213 195,828	9,994	9,533
26	10	98 744	67 049,504	2 425 541,467	36,175	35,715	76	60	62 638	20 203,209	191 863,708	9,497	9,036
27	11	98 695	66 025,844	2 358 491,962	35,721	35,260	77	61	59 983	19 061,036	171 660,500	9,006	8,545
28	12	98 643	65 015,837	2 292 466,118	35,260	34,799	78	62	57 247	17 922,572	152 599,463	8,514	8,054
29	13	98 592	64 021,338	2 227 450,281	34,792	34,332	79	63	54 352	16 764,785	134 676,891	8,033	7,573
30	14	98 535	63 039,110	2 163 428,943	34,319	33,858	80	64	51 314	15 593,747	117 912,106	7,561	7,101
31	15	98 474	62 068,972	2 100 389,833	33,840	33,379	81	65	48 092	14 398,775	102 318,359	7,106	6,645
32	16	98 406	61 109,542	2 038 320,861	33,355	32,894	82	66	44 739	13 196,992	87 919,584	6,662	6,201
33	17	98 333	60 161,973	1 977 211,319	32,865	32,404	83	67	41 270	11 993,652	74 722,592	6,230	5,769
34	18	98 252	59 223,644	1 917 049,345	32,370	31,909	84	68	37 654	10 781,079	62 728,940	5,818	5,358
35	19	98 167	58 297,949	1 857 825,701	31,868	31,407	85	69	33 931	9 571,588	51 947,860	5,427	4,967
36	20	98 077	57 383,606	1 799 527,752	31,360	30,899	86	70	30 121	8 371,325	42 376,273	5,062	4,601
37	21	97 974	56 476,399	1 742 144,146	30,847	30,386	87	71	26 333	7 210,192	34 004,948	4,716	4,255
38	22	97 860	55 576,828	1 685 667,747	30,330	29,870	88	72	22 618	6 101,569	26 794,756	4,391	3,931
39	23	97 744	54 690,685	1 630 090,919	29,806	29,345	89	73	19 011	5 052,663	20 693,187	4,096	3,635
40	24	97 615	53 811,431	1 575 400,234	29,276	28,816	90	74	15 605	4 086,138	15 640,524	3,828	3,367
41	25	97 478	52 941,879	1 521 588,803	28,741	28,280	91	75	12 511	3 227,676	11 554,385	3,580	3,119
42	26	97 318	52 073,690	1 468 646,925	28,203	27,742	92	76	9 799	2 490,666	8 326,709	3,343	2,882
43	27	97 163	51 222,421	1 416 573,235	27,655	27,195	93	77	7 436	1 862,166	5 836,043	3,134	2,673
44	28	96 987	50 374,395	1 365 350,814	27,104	26,643	94	78	5 480	1 352,095	3 973,877	2,939	2,478
45	29	96 796	49 532,105	1 314 976,419	26,548	26,087	95	79	3 892	946,114	2 621,781	2,771	2,310
46	30	96 591	48 696,372	1 265 444,313	25,986	25,526	96	80	2 675	640,596	1 675,668	2,616	2,155
47	31	96 364	47 864,219	1 216 747,942	25,421	24,960	97	81	1 769	417,348	1 035,071	2,480	2,019
48	32	96 108	47 031,766	1 168 883,723	24,853	24,392	98	82	1 132	263,195	617,723	2,347	1,886
49	33	95 824	46 199,585	1 121 851,957	24,283	23,822	99	83	699	160,126	354,528	2,214	1,753
							100	84	409	92,307	194,402	2,106	1,645

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	33	95 543	45 383,159	1 078 538,481	23,765	23,304
							51	34	95 202	44 553,186	1 033 155,322	23,189	22,728
							52	35	94 825	43 721,013	988 602,136	22,612	22,151
							53	36	94 402	42 882,731	944 881,123	22,034	21,573
							54	37	93 931	42 038,231	901 998,392	21,457	20,996
							55	38	93 414	41 188,737	859 960,161	20,879	20,418
							56	39	92 831	40 326,910	818 771,423	20,303	19,843
							57	40	92 183	39 453,612	778 444,513	19,731	19,270
							58	41	91 473	38 571,319	738 990,901	19,159	18,698
							59	42	90 700	37 680,144	700 419,582	18,589	18,128
							60	43	89 840	36 771,013	662 739,438	18,023	17,563
							61	44	88 902	35 849,333	625 968,425	17,461	17,000
							62	45	87 877	34 912,350	590 119,092	16,903	16,442
							63	46	86 750	33 955,568	555 206,742	16,351	15,890
							64	47	85 525	32 981,276	521 251,175	15,804	15,344
							65	48	84 207	31 993,000	488 269,898	15,262	14,801
							66	49	82 788	30 989,212	456 276,899	14,724	14,263
17	0	99 475	77 230,726	3 081 133,515	39,895	39,434	67	50	81 260	29 967,782	425 287,686	14,191	13,731
18	1	99 161	75 849,115	3 003 902,788	39,604	39,143	68	51	79 644	28 937,635	395 319,904	13,661	13,200
19	2	99 100	74 682,733	2 928 053,673	39,207	38,746	69	52	77 918	27 892,055	366 382,269	13,136	12,675
20	3	99 047	73 539,691	2 853 370,940	38,800	38,340	70	53	76 107	26 841,206	338 490,214	12,611	12,150
21	4	98 997	72 415,781	2 779 831,249	38,387	37,926	71	54	74 209	25 785,176	311 649,008	12,086	11,626
22	5	98 947	71 310,176	2 707 415,469	37,967	37,506	72	55	72 160	24 702,366	285 863,832	11,572	11,112
23	6	98 899	70 222,106	2 636 105,293	37,540	37,079	73	56	70 044	23 623,882	261 161,465	11,055	10,594
24	7	98 850	69 150,220	2 565 883,187	37,106	36,645	74	57	67 795	22 527,310	237 537,584	10,544	10,084
25	8	98 800	68 093,845	2 496 732,967	36,666	36,205	75	58	65 434	21 421,525	215 010,273	10,037	9,576
26	9	98 750	67 053,068	2 428 639,122	36,220	35,759	76	59	62 930	20 297,276	193 588,749	9,538	9,077
27	10	98 701	66 029,515	2 361 586,054	35,766	35,305	77	60	60 293	19 159,262	173 291,473	9,045	8,584
28	11	98 651	65 020,837	2 295 556,539	35,305	34,844	78	61	57 568	18 023,253	154 132,211	8,552	8,091
29	12	98 598	64 025,385	2 230 535,702	34,838	34,378	79	62	54 687	16 868,050	136 108,958	8,069	7,608
30	13	98 543	63 044,093	2 166 510,317	34,365	33,904	80	63	51 663	15 699,881	119 240,908	7,595	7,134
31	14	98 483	62 074,698	2 103 466,224	33,886	33,425	81	64	48 451	14 506,249	103 541,027	7,138	6,677
32	15	98 418	61 116,618	2 041 391,525	33,402	32,941	82	65	45 101	13 303,603	89 034,778	6,693	6,232
33	16	98 346	60 169,665	1 980 274,908	32,912	32,451	83	66	41 634	12 099,618	75 731,175	6,259	5,798
34	17	98 265	59 231,324	1 920 105,242	32,417	31,956	84	67	38 010	10 882,921	63 631,557	5,847	5,386
35	18	98 183	58 307,414	1 860 873,918	31,915	31,454	85	68	34 281	9 670,263	52 748,636	5,455	4,994
36	19	98 093	57 393,039	1 802 566,505	31,407	30,947	86	69	30 473	8 469,112	43 078,373	5,087	4,626
37	20	97 990	56 485,645	1 745 173,466	30,896	30,435	87	70	26 667	7 301,843	34 609,261	4,740	4,279
38	21	97 876	55 586,267	1 688 687,821	30,380	29,919	88	71	22 935	6 187,040	27 307,418	4,414	3,953
39	22	97 760	54 699,862	1 633 101,554	29,856	29,395	89	72	19 299	5 129,336	21 120,379	4,118	3,657
40	23	97 631	53 820,233	1 578 401,692	29,327	28,866	90	73	15 870	4 155,688	15 991,043	3,848	3,387
41	24	97 494	52 950,577	1 524 581,459	28,793	28,332	91	74	12 743	3 287,482	11 835,354	3,600	3,139
42	25	97 337	52 083,815	1 471 630,882	28,255	27,794	92	75	10 000	2 541,807	8 547,872	3,363	2,902
43	26	97 180	51 231,553	1 419 547,066	27,708	27,248	93	76	7 605	1 904,345	6 006,065	3,154	2,693
44	27	97 008	50 384,963	1 368 315,514	27,157	26,696	94	77	5 615	1 385,256	4 101,719	2,961	2,500
45	28	96 819	49 543,896	1 317 930,550	26,601	26,140	95	78	4 001	972,575	2 716,463	2,793	2,332
46	29	96 614	48 708,391	1 268 386,654	26,040	25,580	96	79	2 760	660,959	1 743,888	2,638	2,178
47	30	96 391	47 877,758	1 219 678,263	25,475	25,014	97	80	1 834	432,603	1 082,929	2,503	2,042
48	31	96 139	47 046,915	1 171 800,505	24,907	24,446	98	81	1 180	274,280	650,326	2,371	1,910
49	32	95 856	46 215,109	1 124 753,590	24,337	23,877	99	82	734	168,023	376,046	2,238	1,777
							100	83	433	97,700	208,022	2,129	1,668

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	32	95 575	45 398,409	1 081 178,161	23,815	23,355
							51	33	95 236	44 568,795	1 035 779,752	23,240	22,779
							52	34	94 862	43 737,712	991 210,957	22,663	22,202
							53	35	94 446	42 902,764	947 473,245	22,084	21,623
							54	36	93 976	42 058,287	904 570,481	21,508	21,047
							55	37	93 461	41 209,546	862 512,194	20,930	20,469
							56	38	92 883	40 349,268	821 302,649	20,355	19,894
							57	39	92 243	39 479,299	780 953,381	19,781	19,321
							58	40	91 531	38 595,755	741 474,082	19,211	18,750
							59	41	90 767	37 707,781	702 878,326	18,640	18,179
							60	42	89 912	36 800,706	665 170,545	18,075	17,614
							61	43	88 981	35 881,472	628 369,839	17,512	17,052
							62	44	87 960	34 945,403	592 488,367	16,955	16,494
							63	45	86 844	33 992,132	557 542,964	16,402	15,941
							64	46	85 627	33 020,379	523 550,833	15,855	15,395
							65	47	84 316	32 034,624	490 530,454	15,313	14,852
							66	48	82 914	31 036,298	458 495,830	14,773	14,312
							67	49	81 398	30 018,335	427 459,532	14,240	13,779
18	0	99 448	76 069,097	3 007 013,279	39,530	39,069	68	50	79 791	28 991,092	397 441,197	13,709	13,248
19	1	99 122	74 699,347	2 930 944,181	39,237	38,776	69	51	78 080	27 950,093	368 450,105	13,182	12,722
20	2	99 060	73 549,356	2 856 244,835	38,834	38,374	70	52	76 275	26 900,506	340 500,011	12,658	12,197
21	3	99 006	72 423,001	2 782 695,479	38,423	37,962	71	53	74 394	25 849,245	313 599,505	12,132	11,671
22	4	98 957	71 316,740	2 710 272,477	38,003	37,543	72	54	72 359	24 770,591	287 750,260	11,617	11,156
23	5	98 906	70 226,877	2 638 955,737	37,578	37,117	73	55	70 263	23 697,638	262 979,668	11,097	10,636
24	6	98 858	69 155,270	2 568 728,860	37,144	36,684	74	56	68 025	22 603,747	239 282,031	10,586	10,125
25	7	98 805	68 097,089	2 499 573,590	36,706	36,245	75	57	65 681	21 502,294	216 678,284	10,077	9,616
26	8	98 757	67 057,901	2 431 476,502	36,259	35,799	76	58	63 194	20 382,343	195 175,990	9,576	9,115
27	9	98 706	66 033,025	2 364 418,601	35,807	35,346	77	59	60 573	19 248,468	174 793,647	9,081	8,620
28	10	98 657	65 024,452	2 298 385,576	35,346	34,886	78	60	57 865	18 116,131	155 545,179	8,586	8,125
29	11	98 605	64 030,309	2 233 361,124	34,880	34,419	79	61	54 994	16 962,807	137 429,048	8,102	7,641
30	12	98 549	63 048,077	2 169 330,815	34,408	33,947	80	62	51 981	15 796,586	120 466,240	7,626	7,165
31	13	98 491	62 079,605	2 106 282,738	33,929	33,468	81	63	48 781	14 604,981	104 669,654	7,167	6,706
32	14	98 427	61 122,256	2 044 203,132	33,444	32,984	82	64	45 437	13 402,903	90 064,673	6,720	6,259
33	15	98 357	60 176,632	1 983 080,876	32,954	32,494	83	65	41 971	12 197,364	76 661,770	6,285	5,824
34	16	98 277	59 238,897	1 922 904,244	32,460	31,999	84	66	38 345	10 979,073	64 464,407	5,872	5,411
35	17	98 195	58 314,974	1 863 665,347	31,959	31,498	85	67	34 605	9 761,611	53 485,333	5,479	5,018
36	18	98 109	57 402,357	1 805 350,373	31,451	30,990	86	68	30 787	8 556,421	43 723,722	5,110	4,649
37	19	98 006	56 494,931	1 747 948,016	30,940	30,479	87	69	26 979	7 387,137	35 167,301	4,761	4,300
38	20	97 892	55 595,367	1 691 453,085	30,424	29,964	88	70	23 226	6 265,685	27 780,164	4,434	3,973
39	21	97 777	54 709,151	1 635 857,719	29,901	29,440	89	71	19 570	5 201,188	21 514,479	4,136	3,676
40	22	97 647	53 829,265	1 581 148,567	29,373	28,913	90	72	16 111	4 218,750	16 313,291	3,867	3,406
41	23	97 510	52 959,239	1 527 319,302	28,840	28,379	91	73	12 960	3 343,438	12 094,541	3,617	3,157
42	24	97 353	52 092,373	1 474 360,064	28,303	27,842	92	74	10 186	2 588,905	8 751,103	3,380	2,919
43	25	97 199	51 241,515	1 422 267,691	27,756	27,295	93	75	7 761	1 943,448	6 162,198	3,171	2,710
44	26	97 025	50 393,946	1 371 026,176	27,206	26,745	94	76	5 742	1 416,633	4 218,751	2,978	2,517
45	27	96 840	49 554,290	1 320 632,230	26,650	26,189	95	77	4 099	996,428	2 802,118	2,812	2,351
46	28	96 637	48 719,986	1 271 077,940	26,089	25,629	96	78	2 837	679,445	1 805,690	2,658	2,197
47	29	96 415	47 889,575	1 222 357,954	25,525	25,064	97	79	1 892	446,354	1 126,244	2,523	2,062
48	30	96 167	47 060,223	1 174 468,379	24,957	24,496	98	80	1 223	284,306	679,890	2,391	1,931
49	31	95 887	46 229,995	1 127 408,156	24,387	23,926	99	81	765	175,100	395,585	2,259	1,798
							100	82	454	102,518	220,485	2,151	1,690

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	45 413,032	1 083 592,149	23,861	23,400
1							51	32	95 268	44 583,771	1 038 179,117	23,286	22,825
2							52	33	94 895	43 753,035	993 595,346	22,709	22,248
3							53	34	94 482	42 919,150	949 842,311	22,131	21,670
4							54	35	94 020	42 077,934	906 923,160	21,553	21,093
5							55	36	93 506	41 229,206	864 845,226	20,977	20,516
6							56	37	92 929	40 369,652	823 616,020	20,402	19,941
7							57	38	92 294	39 501,187	783 246,368	19,828	19,368
8							58	39	91 591	38 620,884	743 745,181	19,258	18,797
9							59	40	90 824	37 731,670	705 124,297	18,688	18,227
10							60	41	89 978	36 827,698	667 392,627	18,122	17,661
11							61	42	89 053	35 910,446	630 564,928	17,559	17,099
12							62	43	88 039	34 976,731	594 654,482	17,001	16,541
13							63	44	86 926	34 024,314	559 677,751	16,449	15,989
14							64	45	85 719	33 055,936	525 653,437	15,902	15,441
15							65	46	84 416	32 072,604	492 597,501	15,359	14,898
16							66	47	83 022	31 076,678	460 524,897	14,819	14,358
17							67	48	81 521	30 063,946	429 448,219	14,284	13,824
18							68	49	79 926	29 039,997	399 384,274	13,753	13,292
19	0	99 410	74 915,994	2 933 807,011	39,161	38,700	69	50	78 224	28 001,726	370 344,277	13,226	12,765
20	1	99 082	73 565,718	2 858 891,017	38,862	38,401	70	51	76 434	26 956,482	342 342,551	12,700	12,239
21	2	99 019	72 432,519	2 785 325,299	38,454	37,993	71	52	74 558	25 906,354	315 386,069	12,174	11,713
22	3	98 966	71 323,851	2 712 892,780	38,036	37,575	72	53	72 539	24 832,140	289 479,715	11,657	11,197
23	4	98 915	70 233,342	2 641 568,929	37,611	37,151	73	54	70 457	23 763,088	264 647,575	11,137	10,676
24	5	98 864	69 159,968	2 571 335,586	37,180	36,719	74	55	68 237	22 674,318	240 884,488	10,624	10,163
25	6	98 812	68 102,061	2 502 175,618	36,742	36,281	75	56	65 904	21 575,252	218 210,170	10,114	9,653
26	7	98 762	67 061,095	2 434 073,557	36,296	35,836	76	57	63 432	20 459,193	196 634,917	9,611	9,150
27	8	98 713	66 037,784	2 367 012,462	35,843	35,383	77	58	60 827	19 329,140	176 175,724	9,115	8,654
28	9	98 662	65 027,908	2 300 974,678	35,384	34,924	78	59	58 135	18 200,481	156 846,584	8,618	8,157
29	10	98 611	64 033,869	2 235 946,770	34,918	34,457	79	60	55 277	17 050,220	138 646,103	8,132	7,671
30	11	98 557	63 052,926	2 171 912,901	34,446	33,985	80	61	52 273	15 885,325	121 595,883	7,655	7,194
31	12	98 497	62 083,529	2 108 859,974	33,968	33,507	81	62	49 081	14 694,942	105 710,558	7,194	6,733
32	13	98 434	61 127,088	2 046 776,446	33,484	33,023	82	63	45 747	13 494,126	91 015,616	6,745	6,284
33	14	98 367	60 182,184	1 985 649,358	32,994	32,533	83	64	42 284	12 288,406	77 521,490	6,309	5,848
34	15	98 288	59 245,756	1 925 467,174	32,500	32,039	84	65	38 655	11 067,767	65 233,084	5,894	5,433
35	16	98 208	58 322,430	1 866 221,418	31,998	31,538	85	66	34 910	9 847,857	54 165,317	5,500	5,039
36	17	98 121	57 409,800	1 807 898,988	31,491	31,030	86	67	31 078	8 637,248	44 317,461	5,131	4,670
37	18	98 022	56 504,102	1 750 489,188	30,980	30,519	87	68	27 257	7 463,292	35 680,213	4,781	4,320
38	19	97 908	55 604,506	1 693 985,085	30,465	30,004	88	69	23 498	6 338,876	28 216,921	4,451	3,991
39	20	97 793	54 718,108	1 638 380,579	29,942	29,481	89	70	19 818	5 267,302	21 878,045	4,154	3,693
40	21	97 664	53 838,406	1 583 662,471	29,415	28,954	90	71	16 337	4 277,846	16 610,743	3,883	3,422
41	22	97 526	52 968,126	1 529 824,065	28,882	28,421	91	72	13 157	3 394,174	12 332,898	3,634	3,173
42	23	97 369	52 100,894	1 476 855,939	28,346	27,885	92	73	10 359	2 632,970	8 938,723	3,395	2,934
43	24	97 215	51 249,934	1 424 755,045	27,800	27,339	93	74	7 905	1 979,458	6 305,753	3,186	2,725
44	25	97 044	50 403,745	1 373 505,111	27,250	26,789	94	75	5 860	1 445,721	4 326,295	2,992	2,532
45	26	96 857	49 563,124	1 323 101,366	26,695	26,234	95	76	4 192	1 018,997	2 880,574	2,827	2,366
46	27	96 658	48 730,207	1 273 538,242	26,134	25,674	96	77	2 907	696,109	1 861,577	2,674	2,213
47	28	96 438	47 900,975	1 224 808,035	25,570	25,109	97	78	1 945	458,838	1 165,467	2,540	2,079
48	29	96 190	47 071,839	1 176 907,060	25,002	24,542	98	79	1 262	293,343	706,630	2,409	1,948
49	30	95 914	46 243,072	1 129 835,221	24,433	23,972	99	80	793	181,500	413,287	2,277	1,816
							100	81	474	106,836	231,787	2,170	1,709

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	45 425,878	1 085 798,275	23,903	23,442
1							51	31	95 298	44 598,132	1 040 372,397	23,328	22,867
2							52	32	94 927	43 767,737	995 774,265	22,751	22,291
3							53	33	94 516	42 934,187	952 006,528	22,174	21,713
4							54	34	94 056	42 094,006	909 072,341	21,596	21,135
5							55	35	93 549	41 248,466	866 978,335	21,018	20,558
6							56	36	92 974	40 388,912	825 729,869	20,444	19,984
7							57	37	92 341	39 521,142	785 340,957	19,871	19,411
8							58	38	91 642	38 642,296	745 819,815	19,301	18,840
9							59	39	90 884	37 756,236	707 177,519	18,730	18,269
10							60	40	90 035	36 851,030	669 421,282	18,166	17,705
11							61	41	89 118	35 936,786	632 570,253	17,602	17,142
12							62	42	88 110	35 004,975	596 633,467	17,044	16,583
13							63	43	87 004	34 054,816	561 628,492	16,492	16,031
14							64	44	85 800	33 087,231	527 573,675	15,945	15,484
15							65	45	84 507	32 107,141	494 486,444	15,401	14,940
16							66	46	83 120	31 113,522	462 379,303	14,861	14,400
17							67	47	81 627	30 103,061	431 265,781	14,326	13,866
18							68	48	80 047	29 084,121	401 162,721	13,793	13,332
19							69	49	78 356	28 048,962	372 078,600	13,265	12,805
20	0	99 370	73 779,078	2 861 526,139	38,785	38,324	70	50	76 575	27 006,279	344 029,638	12,739	12,278
21	1	99 041	72 448,633	2 787 747,061	38,479	38,018	71	51	74 713	25 960,261	317 023,359	12,212	11,751
22	2	98 979	71 333,225	2 715 298,429	38,065	37,604	72	52	72 699	24 887,001	291 063,098	11,695	11,235
23	3	98 925	70 240,345	2 643 965,204	37,642	37,181	73	53	70 632	23 822,133	266 176,097	11,173	10,713
24	4	98 873	69 166,335	2 573 724,859	37,211	36,750	74	54	68 426	22 736,942	242 353,965	10,659	10,198
25	5	98 819	68 106,688	2 504 558,523	36,774	36,313	75	55	66 109	21 642,612	219 617,023	10,147	9,687
26	6	98 769	67 065,992	2 436 451,835	36,329	35,868	76	56	63 647	20 528,613	197 974,410	9,644	9,183
27	7	98 718	66 040,930	2 369 385,843	35,878	35,417	77	57	61 057	19 402,020	177 445,798	9,146	8,685
28	8	98 669	65 032,595	2 303 344,914	35,418	34,958	78	58	58 378	18 276,760	158 043,778	8,647	8,186
29	9	98 616	64 037,272	2 238 312,318	34,953	34,492	79	59	55 535	17 129,607	139 767,018	8,159	7,699
30	10	98 562	63 056,432	2 174 275,046	34,481	34,021	80	60	52 543	15 967,185	122 637,411	7,681	7,220
31	11	98 505	62 088,304	2 111 218,614	34,003	33,543	81	61	49 357	14 777,492	106 670,226	7,218	6,758
32	12	98 441	61 130,951	2 049 130,311	33,520	33,060	82	62	46 029	13 577,244	91 892,734	6,768	6,307
33	13	98 374	60 186,941	1 987 999,359	33,030	32,570	83	63	42 572	12 372,043	78 315,489	6,330	5,869
34	14	98 298	59 251,222	1 927 812,418	32,536	32,075	84	64	38 944	11 150,378	65 943,446	5,914	5,453
35	15	98 219	58 329,183	1 868 561,196	32,035	31,574	85	65	35 192	9 927,412	54 793,068	5,519	5,059
36	16	98 134	57 417,140	1 810 232,013	31,528	31,067	86	66	31 353	8 713,559	44 865,656	5,149	4,688
37	17	98 035	56 511,429	1 752 814,873	31,017	30,556	87	67	27 514	7 533,793	36 152,097	4,799	4,338
38	18	97 924	55 613,534	1 696 303,444	30,502	30,041	88	68	23 740	6 404,224	28 618,304	4,469	4,008
39	19	97 809	54 727,103	1 640 689,910	29,979	29,519	89	69	20 050	5 328,830	22 214,080	4,169	3,708
40	20	97 680	53 847,220	1 585 962,807	29,453	28,992	90	70	16 545	4 332,223	16 885,250	3,898	3,437
41	21	97 543	52 977,121	1 532 115,587	28,920	28,460	91	71	13 341	3 441,720	12 553,027	3,647	3,187
42	22	97 385	52 109,637	1 479 138,466	28,385	27,924	92	72	10 516	2 672,925	9 111,308	3,409	2,948
43	23	97 231	51 258,317	1 427 028,829	27,840	27,379	93	73	8 039	2 013,150	6 438,382	3,198	2,737
44	24	97 060	50 412,026	1 375 770,511	27,291	26,830	94	74	5 969	1 472,509	4 425,232	3,005	2,544
45	25	96 876	49 572,762	1 325 358,485	26,736	26,275	95	75	4 278	1 039,921	2 952,723	2,839	2,379
46	26	96 675	48 738,894	1 275 785,724	26,176	25,715	96	76	2 973	711,876	1 912,803	2,687	2,226
47	27	96 458	47 911,025	1 227 046,830	25,611	25,150	97	77	1 992	470,091	1 200,926	2,555	2,094
48	28	96 213	47 083,044	1 179 135,805	25,044	24,583	98	78	1 297	301,547	730,835	2,424	1,963
49	29	95 938	46 254,486	1 132 052,761	24,474	24,014	99	79	818	187,269	429,288	2,292	1,832
							100	80	491	110,741	242,018	2,185	1,725

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	45 437,090	1 087 812,950	23,941	23,480
1							51	30	95 325	44 610,747	1 042 375,860	23,366	22,905
2							52	31	94 957	43 781,835	997 765,113	22,789	22,329
3							53	32	94 547	42 948,614	953 983,277	22,212	21,751
4							54	33	94 089	42 108,753	911 034,664	21,635	21,174
5							55	34	93 585	41 264,221	868 925,910	21,058	20,597
6							56	35	93 017	40 407,780	827 661,690	20,483	20,022
7							57	36	92 385	39 539,997	787 253,910	19,910	19,450
8							58	37	91 688	38 661,818	747 713,913	19,340	18,879
9							59	38	90 934	37 777,169	709 052,095	18,769	18,309
10							60	39	90 094	36 875,022	671 274,926	18,204	17,743
11							61	40	89 175	35 959,553	634 399,904	17,642	17,181
12							62	41	88 174	35 030,651	598 440,351	17,083	16,623
13							63	42	87 074	34 082,316	563 409,700	16,531	16,070
14							64	43	85 877	33 116,894	529 327,385	15,984	15,523
15							65	44	84 587	32 137,538	496 210,491	15,440	14,979
16							66	45	83 210	31 147,026	464 072,953	14,899	14,439
17							67	46	81 724	30 138,751	432 925,927	14,364	13,904
18							68	47	80 151	29 121,961	402 787,176	13,831	13,370
19							69	48	78 475	28 091,580	373 665,215	13,302	12,841
20							70	49	76 704	27 051,836	345 573,635	12,774	12,314
21	0	99 329	72 658,752	2 790 172,833	38,401	37,940	71	50	74 851	26 008,217	318 521,800	12,247	11,786
22	1	99 001	71 349,094	2 717 514,080	38,088	37,627	72	51	72 850	24 938,787	292 513,582	11,729	11,268
23	2	98 938	70 249,576	2 646 164,987	37,668	37,207	73	52	70 788	23 874,763	267 574,796	11,207	10,747
24	3	98 883	69 173,232	2 575 915,410	37,239	36,778	74	53	68 596	22 793,437	243 700,033	10,692	10,231
25	4	98 828	68 112,958	2 506 742,178	36,803	36,342	75	54	66 292	21 702,387	220 906,596	10,179	9,718
26	5	98 775	67 070,549	2 438 629,220	36,359	35,898	76	55	63 846	20 592,705	199 204,209	9,674	9,213
27	6	98 725	66 045,752	2 371 558,671	35,908	35,447	77	56	61 264	19 467,852	178 611,504	9,175	8,714
28	7	98 674	65 035,693	2 305 512,919	35,450	34,989	78	57	58 598	18 345,672	159 143,652	8,675	8,214
29	8	98 623	64 041,888	2 240 477,227	34,985	34,524	79	58	55 767	17 201,398	140 797,981	8,185	7,724
30	9	98 568	63 059,784	2 176 435,339	34,514	34,053	80	59	52 787	16 041,529	123 596,582	7,705	7,244
31	10	98 510	62 091,755	2 113 375,555	34,036	33,576	81	60	49 612	14 853,644	107 555,053	7,241	6,780
32	11	98 448	61 135,653	2 051 283,800	33,553	33,092	82	61	46 287	13 653,515	92 701,409	6,790	6,329
33	12	98 381	60 190,745	1 990 148,147	33,064	32,603	83	62	42 834	12 448,250	79 047,894	6,350	5,889
34	13	98 305	59 255,906	1 929 957,402	32,570	32,109	84	63	39 209	11 226,270	66 599,643	5,932	5,472
35	14	98 228	58 334,564	1 870 701,497	32,068	31,608	85	64	35 455	10 001,511	55 373,374	5,537	5,076
36	15	98 145	57 423,788	1 812 366,932	31,561	31,100	86	65	31 606	8 783,951	45 371,863	5,165	4,705
37	16	98 047	56 518,655	1 754 943,144	31,051	30,590	87	66	27 757	7 600,355	36 587,912	4,814	4,353
38	17	97 937	55 620,745	1 698 424,489	30,536	30,075	88	67	23 964	6 464,721	28 987,557	4,484	4,023
39	18	97 825	54 735,988	1 642 803,744	30,013	29,552	89	68	20 256	5 383,766	22 522,836	4,183	3,723
40	19	97 696	53 856,072	1 588 067,756	29,487	29,026	90	69	16 738	4 382,828	17 139,070	3,911	3,450
41	20	97 559	52 985,794	1 534 211,684	28,955	28,494	91	70	13 510	3 485,468	12 756,242	3,660	3,199
42	21	97 401	52 118,486	1 481 225,890	28,420	27,960	92	71	10 664	2 710,367	9 270,774	3,420	2,960
43	22	97 247	51 266,919	1 429 107,404	27,876	27,415	93	72	8 161	2 043,699	6 560,406	3,210	2,749
44	23	97 076	50 420,273	1 377 840,485	27,327	26,866	94	73	6 070	1 497,572	4 516,707	3,016	2,555
45	24	96 892	49 580,906	1 327 420,212	26,773	26,312	95	74	4 358	1 059,190	3 019,135	2,850	2,390
46	25	96 694	48 748,372	1 277 839,306	26,213	25,752	96	75	3 034	726,493	1 959,945	2,698	2,237
47	26	96 475	47 919,566	1 229 090,934	25,649	25,188	97	76	2 038	480,739	1 233,452	2,566	2,105
48	27	96 233	47 092,921	1 181 171,368	25,082	24,621	98	77	1 329	308,943	752,713	2,436	1,976
49	28	95 961	46 265,497	1 134 078,447	24,512	24,052	99	78	841	192,507	443,770	2,305	1,844
							100	79	506	114,261	251,263	2,199	1,738

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	28	95 679	45 447,906	1 089 652,409	23,976	23,515
							51	29	95 349	44 621,758	1 044 204,502	23,401	22,940
							52	30	94 984	43 794,220	999 582,744	22,825	22,364
							53	31	94 578	42 962,448	955 788,525	22,247	21,786
							54	32	94 121	42 122,903	912 826,077	21,671	21,210
							55	33	93 618	41 278,678	870 703,174	21,093	20,632
							56	34	93 053	40 423,213	829 424,496	20,519	20,058
							57	35	92 428	39 558,469	789 001,283	19,945	19,484
							58	36	91 732	38 680,263	749 442,815	19,375	18,915
							59	37	90 980	37 796,253	710 762,552	18,805	18,344
							60	38	90 144	36 895,466	672 966,299	18,240	17,779
							61	39	89 233	35 982,965	636 070,832	17,677	17,216
							62	40	88 230	35 052,844	600 087,867	17,120	16,659
							63	41	87 138	34 107,314	565 035,024	16,566	16,106
							64	42	85 946	33 143,636	530 927,709	16,019	15,558
							65	43	84 663	32 166,349	497 784,073	15,475	15,015
							66	44	83 289	31 176,514	465 617,724	14,935	14,474
							67	45	81 812	30 171,205	434 441,210	14,399	13,938
							68	46	80 246	29 156,488	404 270,006	13,866	13,405
							69	47	78 577	28 128,129	375 113,518	13,336	12,875
							70	48	76 821	27 092,939	346 985,389	12,807	12,346
							71	49	74 978	26 052,091	319 892,450	12,279	11,818
	0	99 289	71 556,025	2 719 747,415	38,009	37,548	72	50	72 985	24 984,856	293 840,360	11,761	11,300
	1	98 960	70 265,204	2 648 191,391	37,689	37,228	73	51	70 935	23 924,442	268 855,503	11,238	10,777
	2	98 896	69 182,323	2 577 926,187	37,263	36,802	74	52	68 747	22 843,795	244 931,061	10,722	10,261
	3	98 838	68 119,750	2 508 743,864	36,828	36,368	75	53	66 457	21 756,311	222 087,267	10,208	9,747
	4	98 785	67 076,723	2 440 624,114	36,386	35,925	76	54	64 022	20 649,580	200 330,956	9,701	9,241
	5	98 732	66 050,240	2 373 547,391	35,935	35,475	77	55	61 455	19 528,632	179 681,376	9,201	8,740
	6	98 681	65 040,442	2 307 497,151	35,478	35,017	78	56	58 797	18 407,920	160 152,743	8,700	8,239
	7	98 628	64 044,938	2 242 456,709	35,014	34,553	79	57	55 978	17 266,255	141 744,824	8,209	7,749
	8	98 575	63 064,329	2 178 411,771	34,543	34,082	80	58	53 008	16 108,760	124 478,568	7,727	7,267
	9	98 515	62 095,056	2 115 347,442	34,066	33,605	81	59	49 843	14 922,803	108 369,808	7,262	6,801
	10	98 454	61 139,052	2 053 252,387	33,583	33,123	82	60	46 526	13 723,875	93 447,005	6,809	6,348
	11	98 388	60 195,374	1 992 113,335	33,094	32,633	83	61	43 075	12 518,179	79 723,130	6,369	5,908
	12	98 312	59 259,651	1 931 917,961	32,601	32,140	84	62	39 450	11 295,419	67 204,951	5,950	5,489
	13	98 236	58 339,176	1 872 658,310	32,099	31,639	85	63	35 696	10 069,583	55 909,532	5,552	5,092
	14	98 154	57 429,086	1 814 319,135	31,592	31,132	86	64	31 842	8 849,515	45 839,948	5,180	4,719
	15	98 059	56 525,199	1 756 890,048	31,082	30,621	87	65	27 982	7 661,754	36 990,433	4,828	4,367
	16	97 949	55 627,856	1 700 364,850	30,567	30,106	88	66	24 176	6 521,837	29 328,679	4,497	4,036
	17	97 837	54 743,086	1 644 736,993	30,045	29,584	89	67	20 448	5 434,623	22 806,842	4,197	3,736
	18	97 712	53 864,816	1 589 993,908	29,518	29,057	90	68	16 910	4 428,012	17 372,219	3,923	3,462
	19	97 575	52 994,504	1 536 129,092	28,987	28,526	91	69	13 668	3 526,183	12 944,208	3,671	3,210
	20	97 417	52 127,019	1 483 134,588	28,452	27,992	92	70	10 799	2 744,820	9 418,025	3,431	2,970
	21	97 264	51 275,625	1 431 007,569	27,908	27,447	93	71	8 276	2 072,327	6 673,205	3,220	2,759
	22	97 092	50 428,733	1 379 731,944	27,360	26,899	94	72	6 162	1 520,298	4 600,878	3,026	2,566
	23	96 908	49 589,017	1 329 303,210	26,806	26,346	95	73	4 432	1 077,218	3 080,580	2,860	2,399
	24	96 710	48 756,381	1 279 714,193	26,247	25,786	96	74	3 090	739,955	2 003,362	2,707	2,247
	25	96 494	47 928,884	1 230 957,812	25,683	25,222	97	75	2 079	490,610	1 263,407	2,575	2,114
	26	96 251	47 101,317	1 183 028,929	25,117	24,656	98	76	1 359	315,941	772,797	2,446	1,985
	27	95 981	46 275,203	1 135 927,612	24,547	24,086	99	77	861	197,228	456,857	2,316	1,856
							100	78	521	117,457	259,628	2,210	1,750

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	27	95 699	45 457,441	1 091 330,692	24,008	23,547
							51	28	95 371	44 632,380	1 045 873,251	23,433	22,972
							52	29	95 008	43 805,029	1 001 240,871	22,857	22,396
							53	30	94 605	42 974,600	957 435,842	22,279	21,818
							54	31	94 151	42 136,471	914 461,241	21,702	21,242
							55	32	93 649	41 292,548	872 324,771	21,125	20,665
							56	33	93 085	40 437,375	831 032,222	20,551	20,090
							57	34	92 463	39 573,577	790 594,847	19,978	19,517
							58	35	91 775	38 698,332	751 021,269	19,407	18,946
							59	36	91 023	37 814,285	712 322,937	18,837	18,377
							60	37	90 189	36 914,106	674 508,652	18,272	17,812
							61	38	89 282	36 002,914	637 594,546	17,710	17,249
							62	39	88 288	35 075,666	601 591,632	17,151	16,690
							63	40	87 193	34 128,922	566 515,966	16,599	16,138
							64	41	86 009	33 167,946	532 387,044	16,051	15,590
							65	42	84 732	32 192,324	499 219,098	15,507	15,047
							66	43	83 363	31 204,464	467 026,774	14,967	14,506
							67	44	81 890	30 199,769	435 822,310	14,431	13,971
							68	45	80 333	29 187,884	405 622,541	13,897	13,436
							69	46	78 671	28 161,477	376 434,657	13,367	12,906
							70	47	76 921	27 128,188	348 273,180	12,838	12,377
							71	48	75 092	26 091,675	321 144,992	12,308	11,848
							72	49	73 108	25 027,003	295 053,317	11,789	11,329
							73	50	71 066	23 968,638	270 026,314	11,266	10,805
							74	51	68 890	22 891,329	246 057,676	10,749	10,288
							75	52	66 603	21 804,377	223 166,347	10,235	9,774
							76	53	64 181	20 700,888	201 361,970	9,727	9,266
							77	54	61 625	19 582,568	180 661,082	9,226	8,765
							78	55	58 981	18 465,391	161 078,514	8,723	8,262
							79	56	56 168	17 324,841	142 613,122	8,232	7,771
							80	57	53 208	16 169,498	125 288,282	7,748	7,288
							81	58	50 051	14 985,346	109 118,784	7,282	6,821
							82	59	46 742	13 787,774	94 133,438	6,827	6,367
							83	60	43 297	12 582,688	80 345,664	6,385	5,925
							84	61	39 672	11 358,872	67 762,976	5,966	5,505
							85	62	35 916	10 131,608	56 404,104	5,567	5,106
							86	63	32 059	8 909,747	46 272,496	5,193	4,733
							87	64	28 191	7 718,942	37 362,750	4,840	4,380
							88	65	24 371	6 574,523	29 643,807	4,509	4,048
							89	66	20 628	5 482,638	23 069,284	4,208	3,747
							90	67	17 070	4 469,840	17 586,646	3,935	3,474
							91	68	13 809	3 562,535	13 116,806	3,682	3,221
							92	69	10 925	2 776,882	9 554,271	3,441	2,980
							93	70	8 381	2 098,669	6 777,388	3,229	2,769
							94	71	6 249	1 541,594	4 678,719	3,035	2,574
							95	72	4 499	1 093,564	3 137,125	2,869	2,408
							96	73	3 142	752,550	2 043,561	2,716	2,255
							97	74	2 118	499,701	1 291,011	2,584	2,123
							98	75	1 387	322,428	791,310	2,454	1,993
							99	76	881	201,696	468,883	2,325	1,864
							100	77	533	120,337	267,187	2,220	1,760

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	45 465,545	1 092 860,503	24,037	23,576
1							51	27	95 391	44 641,744	1 047 394,959	23,462	23,001
2							52	28	95 030	43 815,457	1 002 753,215	22,886	22,425
3							53	29	94 628	42 985,208	958 937,758	22,309	21,848
4							54	30	94 178	42 148,390	915 952,550	21,732	21,271
5							55	31	93 679	41 305,849	873 804,161	21,154	20,694
6							56	32	93 117	40 450,963	832 498,312	20,580	20,120
7							57	33	92 496	39 587,442	792 047,349	20,008	19,547
8							58	34	91 810	38 713,113	752 459,907	19,437	18,976
9							59	35	91 066	37 831,951	713 746,794	18,866	18,405
10							60	36	90 232	36 931,717	675 914,843	18,302	17,841
11							61	37	89 328	36 021,103	638 983,127	17,739	17,278
12							62	38	88 337	35 095,112	602 962,024	17,181	16,720
13							63	39	87 250	34 151,143	567 866,912	16,628	16,167
14							64	40	86 064	33 188,959	533 715,769	16,081	15,620
15							65	41	84 794	32 215,936	500 526,810	15,537	15,076
16							66	42	83 431	31 229,661	468 310,874	14,996	14,535
17							67	43	81 963	30 226,843	437 081,213	14,460	13,999
18							68	44	80 409	29 215,518	406 854,370	13,926	13,465
19							69	45	78 755	28 191,802	377 638,852	13,395	12,935
20							70	46	77 012	27 160,351	349 447,050	12,866	12,405
21							71	47	75 189	26 125,621	322 286,699	12,336	11,875
22							72	48	73 219	25 065,030	296 161,077	11,816	11,355
23							73	49	71 186	24 009,071	271 096,048	11,291	10,831
24	0	99 205	69 398,404	2 581 672,912	37,201	36,740	74	50	69 018	22 933,616	247 086,977	10,774	10,313
25	1	98 873	68 143,858	2 512 274,508	36,867	36,406	75	51	66 742	21 849,748	224 153,361	10,259	9,798
26	2	98 807	67 092,228	2 444 130,649	36,429	35,969	76	52	64 323	20 746,623	202 303,613	9,751	9,290
27	3	98 751	66 062,907	2 377 038,422	35,981	35,521	77	53	61 778	19 631,226	181 556,990	9,248	8,788
28	4	98 697	65 050,849	2 310 975,515	35,526	35,065	78	54	59 144	18 516,390	161 925,764	8,745	8,284
29	5	98 642	64 053,967	2 245 924,666	35,063	34,602	79	55	56 343	17 378,931	143 409,374	8,252	7,791
30	6	98 586	63 071,938	2 181 870,699	34,593	34,133	80	56	53 389	16 224,362	126 030,443	7,768	7,307
31	7	98 527	62 102,489	2 118 798,761	34,118	33,657	81	57	50 240	15 041,847	109 806,082	7,300	6,839
32	8	98 466	61 146,708	2 056 696,272	33,635	33,175	82	58	46 938	13 845,560	94 764,235	6,844	6,384
33	9	98 399	60 201,921	1 995 549,564	33,148	32,687	83	59	43 498	12 641,274	80 918,675	6,401	5,940
34	10	98 325	59 267,503	1 935 347,643	32,654	32,194	84	60	39 876	11 417,407	68 277,401	5,980	5,519
35	11	98 250	58 347,350	1 876 080,140	32,154	31,693	85	61	36 118	10 188,523	56 859,995	5,581	5,120
36	12	98 168	57 437,256	1 817 732,790	31,647	31,186	86	62	32 256	8 964,627	46 671,472	5,206	4,745
37	13	98 075	56 534,882	1 760 295,535	31,136	30,676	87	63	28 382	7 771,479	37 706,844	4,852	4,391
38	14	97 970	55 639,430	1 703 760,653	30,621	30,161	88	64	24 553	6 623,596	29 935,365	4,520	4,059
39	15	97 861	54 756,424	1 648 121,223	30,099	29,638	89	65	20 795	5 526,930	23 311,769	4,218	3,757
40	16	97 737	53 878,688	1 593 364,799	29,573	29,112	90	66	17 221	4 509,332	17 784,840	3,944	3,483
41	17	97 603	53 009,981	1 539 486,110	29,041	28,581	91	67	13 940	3 596,188	13 275,508	3,692	3,231
42	18	97 449	52 144,052	1 486 476,130	28,507	28,046	92	68	11 038	2 805,510	9 679,320	3,450	2,989
43	19	97 296	51 292,450	1 434 332,077	27,964	27,503	93	69	8 479	2 123,184	6 873,810	3,238	2,777
44	20	97 124	50 445,555	1 383 039,627	27,416	26,956	94	70	6 328	1 561,190	4 750,626	3,043	2,582
45	21	96 940	49 605,761	1 332 594,073	26,864	26,403	95	71	4 562	1 108,883	3 189,437	2,876	2,415
46	22	96 742	48 772,540	1 282 988,311	26,306	25,845	96	72	3 190	763,969	2 080,553	2,723	2,263
47	23	96 526	47 944,600	1 234 215,772	25,743	25,282	97	73	2 154	508,206	1 316,584	2,591	2,130
48	24	96 285	47 118,216	1 186 271,172	25,176	24,716	98	74	1 413	328,402	808,378	2,462	2,001
49	25	96 017	46 292,453	1 139 152,956	24,608	24,147	99	75	899	205,837	479,976	2,332	1,871
							100	76	545	123,063	274,139	2,228	1,767

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	45 474,386	1 094 255,647	24,063	23,602
1							51	26	95 408	44 649,702	1 048 781,261	23,489	23,028
2							52	27	95 050	43 824,649	1 004 131,559	22,912	22,452
3							53	28	94 650	42 995,440	960 306,910	22,335	21,874
4							54	29	94 201	42 158,793	917 311,470	21,758	21,298
5							55	30	93 706	41 317,533	875 152,677	21,181	20,720
6							56	31	93 147	40 463,993	833 835,144	20,607	20,146
7							57	32	92 527	39 600,744	793 371,151	20,034	19,573
8							58	33	91 842	38 726,676	753 770,407	19,464	19,003
9							59	34	91 101	37 846,400	715 043,731	18,893	18,433
10							60	35	90 274	36 948,970	677 197,331	18,328	17,867
11							61	36	89 370	36 038,288	640 248,362	17,766	17,305
12							62	37	88 381	35 112,842	604 210,074	17,208	16,747
13							63	38	87 298	34 170,077	569 097,232	16,655	16,194
14							64	39	86 120	33 210,567	534 927,156	16,107	15,646
15							65	40	84 847	32 236,346	501 716,588	15,564	15,103
16							66	41	83 492	31 252,568	469 480,243	15,022	14,561
17							67	42	82 029	30 251,251	438 227,675	14,486	14,025
18							68	43	80 481	29 241,709	407 976,423	13,952	13,491
19							69	44	78 830	28 218,493	378 734,714	13,422	12,961
20							70	45	77 095	27 189,598	350 516,222	12,892	12,431
21							71	46	75 278	26 156,596	323 326,624	12,361	11,900
22							72	47	73 314	25 097,641	297 170,028	11,841	11,380
23							73	48	71 294	24 045,550	272 072,387	11,315	10,854
24							74	49	69 134	22 972,303	248 026,837	10,797	10,336
25	0	99 160	68 341,493	2 514 019,343	36,786	36,325	75	50	66 865	21 890,112	225 054,534	10,281	9,820
26	1	98 829	67 107,153	2 445 677,850	36,444	35,984	76	51	64 457	20 789,793	203 164,422	9,772	9,312
27	2	98 764	66 071,589	2 378 570,697	36,000	35,539	77	52	61 914	19 674,597	182 374,630	9,270	8,809
28	3	98 706	65 057,335	2 312 499,108	35,546	35,085	78	53	59 291	18 562,399	162 700,033	8,765	8,304
29	4	98 651	64 059,864	2 247 441,773	35,083	34,623	79	54	56 499	17 426,929	144 137,634	8,271	7,810
30	5	98 593	63 076,223	2 183 381,909	34,615	34,154	80	55	53 556	16 275,016	126 710,705	7,786	7,325
31	6	98 534	62 107,024	2 120 305,686	34,140	33,679	81	56	50 411	15 092,885	110 435,689	7,317	6,856
32	7	98 471	61 149,620	2 058 198,662	33,658	33,198	82	57	47 115	13 897,764	95 342,804	6,860	6,400
33	8	98 406	60 206,260	1 997 049,041	33,170	32,709	83	58	43 681	12 694,254	81 445,041	6,416	5,955
34	9	98 330	59 270,653	1 936 842,782	32,678	32,217	84	59	40 062	11 470,567	68 750,786	5,994	5,533
35	10	98 255	58 350,594	1 877 572,128	32,177	31,717	85	60	36 304	10 241,027	57 280,220	5,593	5,132
36	11	98 176	57 441,673	1 819 221,535	31,671	31,210	86	61	32 437	9 014,987	47 039,193	5,218	4,757
37	12	98 082	56 538,455	1 761 779,861	31,161	30,700	87	62	28 557	7 819,348	38 024,206	4,863	4,402
38	13	97 978	55 643,828	1 705 241,406	30,646	30,185	88	63	24 720	6 668,678	30 204,858	4,529	4,069
39	14	97 870	54 761,476	1 649 597,578	30,123	29,663	89	64	20 950	5 568,183	23 536,180	4,227	3,766
40	15	97 748	53 884,927	1 594 836,102	29,597	29,136	90	65	17 360	4 545,760	17 967,997	3,953	3,492
41	16	97 616	53 016,758	1 540 951,176	29,065	28,605	91	66	14 063	3 627,961	13 422,237	3,700	3,239
42	17	97 462	52 150,814	1 487 934,417	28,531	28,071	92	67	11 142	2 832,012	9 794,277	3,458	2,998
43	18	97 311	51 300,778	1 435 783,604	27,988	27,527	93	68	8 566	2 145,073	6 962,265	3,246	2,785
44	19	97 140	50 453,848	1 384 482,826	27,441	26,980	94	69	6 402	1 579,426	4 817,193	3,050	2,589
45	20	96 956	49 613,882	1 334 028,979	26,888	26,427	95	70	4 620	1 122,978	3 237,766	2,883	2,422
46	21	96 758	48 780,822	1 284 415,096	26,330	25,870	96	71	3 235	774,671	2 114,788	2,730	2,269
47	22	96 542	47 952,646	1 235 634,274	25,768	25,307	97	72	2 187	515,918	1 340,117	2,598	2,137
48	23	96 301	47 125,924	1 187 681,628	25,202	24,742	98	73	1 437	333,992	824,199	2,468	2,007
49	24	96 032	46 300,058	1 140 555,705	24,634	24,173	99	74	915	209,651	490,207	2,338	1,877
							100	75	557	125,590	280,556	2,234	1,773

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	4 151 310,175	41,513	41,052	50	50	94 198	39 566,082	831 411,016	21,013	20,552
1	1	99 373	97 664,073	4 051 310,175	41,482	41,021	51	51	93 723	38 689,161	791 844,933	20,467	20,006
2	2	99 327	95 939,807	3 953 646,102	41,210	40,748	52	52	93 193	37 809,025	753 155,772	19,920	19,459
3	3	99 301	94 264,806	3 857 706,295	40,924	40,463	53	53	92 616	36 928,676	715 346,748	19,371	18,910
4	4	99 279	92 623,326	3 763 441,489	40,632	40,170	54	54	91 970	36 040,161	678 418,072	18,824	18,363
5	5	99 259	91 011,531	3 670 818,163	40,334	39,872	55	55	91 257	35 145,840	642 377,911	18,277	17,816
6	6	99 243	89 432,016	3 579 806,632	40,028	39,567	56	56	90 456	34 238,043	607 232,071	17,736	17,274
7	7	99 227	87 879,542	3 490 374,616	39,718	39,257	57	57	89 579	33 322,989	572 994,027	17,195	16,734
8	8	99 212	86 355,594	3 402 495,073	39,401	38,940	58	58	88 612	32 396,191	539 671,038	16,658	16,197
9	9	99 198	84 857,783	3 316 139,479	39,079	38,618	59	59	87 560	31 461,230	507 274,848	16,124	15,663
10	10	99 184	83 387,186	3 231 281,697	38,750	38,289	60	60	86 397	30 509,390	475 813,617	15,596	15,134
11	11	99 172	81 942,350	3 147 894,511	38,416	37,955	61	61	85 133	29 545,921	445 304,227	15,072	14,610
12	12	99 157	80 521,263	3 065 952,161	38,076	37,615	62	62	83 760	28 569,674	415 758,307	14,552	14,091
13	13	99 142	79 124,370	2 985 430,898	37,731	37,270	63	63	82 269	27 578,417	387 188,633	14,040	13,578
14	14	99 125	77 750,136	2 906 306,528	37,380	36,919	64	64	80 655	26 572,116	359 610,216	13,533	13,072
15	15	99 104	76 396,422	2 828 556,391	37,025	36,564	65	65	78 926	25 555,263	333 038,101	13,032	12,571
16	16	99 077	75 062,118	2 752 159,969	36,665	36,204	66	66	77 091	24 531,980	307 482,837	12,534	12,073
17	17	99 041	73 744,826	2 677 097,850	36,302	35,841	67	67	75 132	23 497,416	282 950,857	12,042	11,581
18	18	99 002	72 447,768	2 603 353,025	35,934	35,473	68	68	73 083	22 463,553	259 453,441	11,550	11,089
19	19	98 948	71 162,700	2 530 905,257	35,565	35,104	69	69	70 917	21 422,789	236 989,888	11,063	10,601
20	20	98 892	69 899,059	2 459 742,556	35,190	34,729	70	70	68 620	20 372,481	215 567,099	10,581	10,120
21	21	98 835	68 657,277	2 389 843,498	34,808	34,347	71	71	66 234	19 325,722	195 194,618	10,100	9,639
22	22	98 778	67 437,695	2 321 186,221	34,420	33,959	72	72	63 690	18 263,846	175 868,897	9,629	9,168
23	23	98 720	66 238,932	2 253 748,525	34,025	33,563	73	73	61 089	17 216,686	157 605,051	9,154	8,693
24	24	98 662	65 061,690	2 187 509,593	33,622	33,161	74	74	58 335	16 157,735	140 388,365	8,689	8,227
25	25	98 601	63 902,904	2 122 447,903	33,214	32,752	75	75	55 488	15 104,768	124 230,630	8,225	7,763
26	26	98 538	62 763,893	2 058 544,999	32,798	32,337	76	76	52 510	14 048,253	109 125,862	7,768	7,307
27	27	98 477	61 646,244	1 995 781,106	32,375	31,914	77	77	49 424	12 995,265	95 077,610	7,316	6,855
28	28	98 412	60 546,039	1 934 134,862	31,945	31,484	78	78	46 298	11 964,117	82 082,345	6,861	6,400
29	29	98 343	59 463,029	1 873 588,823	31,508	31,047	79	79	43 025	10 926,901	70 118,228	6,417	5,956
30	30	98 271	58 397,079	1 814 125,794	31,065	30,604	80	80	39 636	9 893,197	59 191,327	5,983	5,522
31	31	98 191	57 346,176	1 755 728,715	30,616	30,155	81	81	36 105	8 856,916	49 298,130	5,566	5,105
32	32	98 103	56 309,410	1 698 382,539	30,162	29,700	82	82	32 491	7 833,236	40 441,214	5,163	4,702
33	33	98 010	55 288,558	1 642 073,128	29,700	29,239	83	83	28 815	6 827,495	32 607,978	4,776	4,315
34	34	97 907	54 280,536	1 586 784,570	29,233	28,772	84	84	25 074	5 838,870	25 780,483	4,415	3,954
35	35	97 801	53 289,121	1 532 504,034	28,758	28,297	85	85	21 372	4 891,147	19 941,612	4,077	3,616
36	36	97 682	52 308,624	1 479 214,913	28,279	27,817	86	86	17 779	3 998,994	15 050,466	3,764	3,302
37	37	97 549	51 339,074	1 426 906,290	27,794	27,333	87	87	14 398	3 182,802	11 051,471	3,472	3,011
38	38	97 402	50 380,308	1 375 567,216	27,304	26,842	88	88	11 298	2 454,462	7 868,670	3,206	2,745
39	39	97 249	49 436,100	1 325 186,908	26,806	26,345	89	89	8 548	1 825,082	5 414,207	2,967	2,505
40	40	97 074	48 498,173	1 275 750,808	26,305	25,844	90	90	6 217	1 304,522	3 589,125	2,751	2,290
41	41	96 892	47 574,925	1 227 252,635	25,796	25,335	91	91	4 330	892,941	2 284,603	2,559	2,097
42	42	96 681	46 654,630	1 179 677,711	25,285	24,824	92	92	2 887	585,074	1 391,662	2,379	1,917
43	43	96 466	45 750,410	1 133 023,081	24,765	24,304	93	93	1 819	362,374	806,589	2,226	1,765
44	44	96 226	44 851,636	1 087 272,672	24,242	23,780	94	94	1 086	212,581	444,214	2,090	1,628
45	45	95 968	43 962,183	1 042 421,036	23,712	23,251	95	95	611	117,536	231,633	1,971	1,510
46	46	95 685	43 078,489	998 458,853	23,178	22,716	96	96	323	61,084	114,097	1,868	1,407
47	47	95 375	42 200,219	955 380,364	22,639	22,178	97	97	160	29,656	53,014	1,788	1,326
48	48	95 029	41 323,950	913 180,145	22,098	21,637	98	98	75	13,711	23,358	1,704	1,242
49	49	94 635	40 445,180	871 856,196	21,556	21,095	99	99	33	5,946	9,647	1,622	1,161
							100	100	13	2,377	3,700	1,557	1,096

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	4 140 025,065	41,520	41,059	50	51	94 025	39 493,127	821 397,821	20,799	20,337
1	2	99 351	97 642,351	4 040 314,252	41,379	40,918	51	52	93 528	38 608,823	781 904,694	20,252	19,791
2	3	99 314	95 927,200	3 942 671,901	41,101	40,639	52	53	92 988	37 725,678	743 295,872	19,703	19,241
3	4	99 291	94 255,408	3 846 744,700	40,812	40,351	53	54	92 387	36 837,145	705 570,194	19,154	18,693
4	5	99 270	92 614,800	3 752 489,293	40,517	40,056	54	55	91 717	35 940,897	668 733,049	18,606	18,145
5	6	99 252	91 005,347	3 659 874,493	40,216	39,755	55	56	90 973	35 036,453	632 792,152	18,061	17,600
6	7	99 236	89 425,486	3 568 869,145	39,909	39,448	56	57	90 150	34 122,264	597 755,699	17,518	17,057
7	8	99 222	87 875,357	3 479 443,659	39,595	39,134	57	58	89 242	33 197,818	563 633,435	16,978	16,517
8	9	99 205	86 349,370	3 391 568,302	39,277	38,816	58	59	88 242	32 260,983	530 425,617	16,442	15,981
9	10	99 192	84 853,273	3 305 218,932	38,952	38,491	59	60	87 154	31 315,424	498 174,634	15,908	15,447
10	11	99 179	83 382,550	3 220 365,659	38,622	38,160	60	61	85 954	30 352,974	466 859,210	15,381	14,920
11	12	99 164	81 936,048	3 136 983,109	38,286	37,825	61	62	84 657	29 380,872	436 506,236	14,857	14,396
12	13	99 151	80 516,174	3 055 047,061	37,943	37,482	62	63	83 248	28 394,772	407 125,364	14,338	13,877
13	14	99 134	79 118,116	2 974 530,887	37,596	37,135	63	64	81 713	27 391,982	378 730,592	13,826	13,365
14	15	99 116	77 742,964	2 895 412,771	37,243	36,782	64	65	80 057	26 375,248	351 338,610	13,321	12,860
15	16	99 092	76 387,578	2 817 669,807	36,886	36,425	65	66	78 293	25 350,471	324 963,361	12,819	12,358
16	17	99 064	75 052,523	2 741 282,229	36,525	36,064	66	67	76 416	24 317,135	299 612,899	12,321	11,860
17	18	99 029	73 735,265	2 666 229,706	36,159	35,698	67	68	74 429	23 277,528	275 295,755	11,827	11,365
18	19	98 986	72 436,008	2 592 494,442	35,790	35,329	68	69	72 338	22 234,336	252 018,227	11,335	10,873
19	20	98 932	71 151,003	2 520 058,433	35,418	34,957	69	70	70 098	21 175,435	229 783,891	10,851	10,390
20	21	98 875	69 887,617	2 448 907,430	35,041	34,579	70	71	67 759	20 116,770	208 608,456	10,370	9,909
21	22	98 818	68 645,619	2 379 019,813	34,657	34,195	71	72	65 319	19 058,747	188 491,685	9,890	9,429
22	23	98 761	67 426,381	2 310 374,193	34,265	33,804	72	73	62 738	17 990,840	169 432,939	9,418	8,957
23	24	98 704	66 228,098	2 242 947,813	33,867	33,406	73	74	60 066	16 928,547	151 442,099	8,946	8,485
24	25	98 646	65 051,002	2 176 719,714	33,462	33,001	74	75	57 274	15 863,792	134 513,553	8,479	8,018
25	26	98 582	63 890,480	2 111 668,712	33,051	32,590	75	76	54 371	14 800,860	118 649,761	8,016	7,555
26	27	98 521	62 752,706	2 047 778,232	32,633	32,171	76	77	51 346	13 737,100	103 848,901	7,560	7,099
27	28	98 457	61 633,314	1 985 025,526	32,207	31,746	77	78	48 241	12 684,178	90 111,801	7,104	6,643
28	29	98 389	60 531,630	1 923 392,212	31,775	31,314	78	79	45 039	11 638,603	77 427,622	6,653	6,191
29	30	98 319	59 448,356	1 862 860,582	31,336	30,875	79	80	41 699	10 590,261	65 789,019	6,212	5,751
30	31	98 243	58 380,565	1 803 412,226	30,891	30,429	80	81	38 238	9 544,348	55 198,758	5,783	5,322
31	32	98 159	57 327,710	1 745 031,661	30,440	29,978	81	82	34 646	8 498,961	45 654,410	5,372	4,911
32	33	98 070	56 290,496	1 687 703,951	29,982	29,521	82	83	30 964	7 465,056	37 155,449	4,977	4,516
33	34	97 976	55 269,195	1 631 413,455	29,518	29,056	83	84	27 224	6 450,645	29 690,393	4,603	4,141
34	35	97 870	54 259,812	1 576 144,260	29,048	28,587	84	85	23 474	5 466,420	23 239,747	4,251	3,790
35	36	97 755	53 264,238	1 521 884,448	28,572	28,111	85	86	19 797	4 530,700	17 773,327	3,923	3,462
36	37	97 635	52 283,680	1 468 620,210	28,089	27,628	86	87	16 263	3 657,966	13 242,627	3,620	3,159
37	38	97 499	51 313,151	1 416 336,530	27,602	27,141	87	88	12 971	2 867,403	9 584,661	3,343	2,881
38	39	97 348	50 352,392	1 365 023,379	27,109	26,648	88	89	10 018	2 176,362	6 717,258	3,086	2,625
39	40	97 186	49 403,934	1 314 670,988	26,611	26,149	89	90	7 447	1 590,000	4 540,896	2,856	2,395
40	41	97 012	48 467,467	1 265 267,053	26,105	25,644	90	91	5 302	1 112,604	2 950,896	2,652	2,191
41	42	96 821	47 540,055	1 216 799,586	25,595	25,134	91	92	3 611	744,777	1 838,292	2,468	2,007
42	43	96 603	46 616,986	1 169 259,531	25,082	24,621	92	93	2 344	475,112	1 093,515	2,302	1,840
43	44	96 380	45 709,431	1 122 642,545	24,560	24,099	93	94	1 438	286,472	618,403	2,159	1,697
44	45	96 135	44 809,213	1 076 933,114	24,034	23,573	94	95	837	163,803	331,931	2,026	1,565
45	46	95 865	43 914,894	1 032 123,901	23,503	23,042	95	96	456	87,652	168,128	1,918	1,457
46	47	95 572	43 027,476	988 209,007	22,967	22,506	96	97	233	44,022	80,476	1,828	1,367
47	48	95 251	42 145,385	945 181,530	22,427	21,965	97	98	113	20,915	36,454	1,743	1,282
48	49	94 884	41 261,257	903 036,145	21,886	21,425	98	99	51	9,337	15,539	1,664	1,203
49	50	94 476	40 377,068	861 774,889	21,343	20,882	99	100	22	3,905	6,202	1,588	1,127

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	4 128 209,434	41,411	40,950	50	52	93 830	39 411,119	810 657,789	20,569	20,108
1	3	99 338	97 629,521	4 028 520,798	41,263	40,802	51	53	93 322	38 523,712	771 246,671	20,020	19,559
2	4	99 304	95 917,636	3 930 891,278	40,982	40,521	52	54	92 757	37 632,172	732 722,958	19,471	19,009
3	5	99 282	94 246,731	3 834 973,641	40,691	40,230	53	55	92 132	36 735,685	695 090,786	18,921	18,460
4	6	99 263	92 608,508	3 740 726,910	40,393	39,932	54	56	91 431	35 829,035	658 355,101	18,375	17,914
5	7	99 245	90 998,703	3 648 118,403	40,090	39,629	55	57	90 665	34 917,974	622 526,066	17,828	17,367
6	8	99 231	89 421,227	3 557 119,700	39,779	39,318	56	58	89 811	33 994,091	587 608,092	17,286	16,824
7	9	99 215	87 869,024	3 467 698,473	39,464	39,003	57	59	88 870	33 059,265	553 614,001	16,746	16,285
8	10	99 200	86 344,781	3 379 829,449	39,143	38,682	58	60	87 833	32 111,470	520 554,736	16,211	15,750
9	11	99 187	84 848,555	3 293 484,669	38,816	38,355	59	61	86 708	31 154,876	488 443,266	15,678	15,217
10	12	99 171	83 376,138	3 208 636,113	38,484	38,023	60	62	85 474	30 183,417	457 288,390	15,150	14,689
11	13	99 158	81 930,870	3 125 259,976	38,145	37,684	61	63	84 139	29 201,005	427 104,973	14,626	14,165
12	14	99 143	80 509,811	3 043 329,106	37,801	37,340	62	64	82 685	28 202,818	397 903,968	14,109	13,647
13	15	99 125	79 110,818	2 962 819,295	37,452	36,990	63	65	81 108	27 189,040	369 701,150	13,597	13,136
14	16	99 104	77 733,964	2 883 708,478	37,097	36,636	64	66	79 415	26 163,885	342 512,110	13,091	12,630
15	17	99 079	76 377,812	2 805 974,514	36,738	36,277	65	67	77 607	25 128,458	316 348,224	12,589	12,128
16	18	99 051	75 042,792	2 729 596,702	36,374	35,913	66	68	75 701	24 089,577	291 219,767	12,089	11,628
17	19	99 012	73 723,296	2 654 553,910	36,007	35,546	67	69	73 670	23 040,005	267 130,190	11,594	11,133
18	20	98 970	72 424,102	2 580 830,614	35,635	35,174	68	70	71 502	21 977,612	244 090,184	11,106	10,645
19	21	98 915	71 139,357	2 508 406,512	35,260	34,799	69	71	69 218	20 909,646	222 112,573	10,622	10,161
20	22	98 859	69 875,751	2 437 267,155	34,880	34,419	70	72	66 823	19 838,867	201 202,927	10,142	9,681
21	23	98 801	68 634,102	2 367 391,404	34,493	34,032	71	73	64 342	18 773,858	181 364,059	9,660	9,199
22	24	98 745	67 415,353	2 298 757,302	34,098	33,637	72	74	61 688	17 689,744	162 590,201	9,191	8,730
23	25	98 688	66 217,219	2 231 341,949	33,697	33,236	73	75	58 974	16 620,580	144 900,457	8,718	8,257
24	26	98 627	65 038,355	2 165 124,730	33,290	32,829	74	76	56 121	15 544,612	128 279,877	8,252	7,791
25	27	98 564	63 879,093	2 100 086,375	32,876	32,415	75	77	53 167	14 473,039	112 735,264	7,789	7,328
26	28	98 500	62 739,544	2 036 207,282	32,455	31,994	76	78	50 117	13 408,256	98 262,226	7,328	6,867
27	29	98 433	61 618,646	1 973 467,738	32,027	31,566	77	79	46 928	12 339,074	84 853,970	6,877	6,416
28	30	98 365	60 516,693	1 911 849,093	31,592	31,131	78	80	43 651	11 280,036	72 514,896	6,429	5,967
29	31	98 291	59 431,545	1 851 332,400	31,151	30,689	79	81	40 229	10 216,833	61 234,860	5,994	5,532
30	32	98 211	58 361,766	1 791 900,855	30,703	30,242	80	82	36 693	9 158,610	51 018,027	5,570	5,109
31	33	98 126	57 308,454	1 733 539,089	30,249	29,788	81	83	33 018	8 099,491	41 859,417	5,168	4,707
32	34	98 036	56 270,781	1 676 230,635	29,789	29,327	82	84	29 255	7 053,016	33 759,926	4,787	4,325
33	35	97 938	55 248,093	1 619 959,854	29,322	28,860	83	85	25 488	6 039,172	26 706,910	4,422	3,961
34	36	97 824	54 234,476	1 564 711,761	28,851	28,390	84	86	21 744	5 063,579	20 667,739	4,082	3,620
35	37	97 709	53 238,839	1 510 477,285	28,372	27,911	85	87	18 108	4 144,328	15 604,159	3,765	3,304
36	38	97 586	52 257,280	1 457 238,446	27,886	27,425	86	88	14 651	3 295,481	11 459,831	3,477	3,016
37	39	97 445	51 284,718	1 404 981,166	27,396	26,935	87	89	11 502	2 542,514	8 164,350	3,211	2,750
38	40	97 285	50 319,630	1 353 696,448	26,902	26,441	88	90	8 727	1 896,033	5 621,836	2,965	2,504
39	41	97 124	49 372,655	1 303 376,818	26,399	25,938	89	91	6 351	1 356,084	3 725,803	2,747	2,286
40	42	96 941	48 431,944	1 254 004,162	25,892	25,431	90	92	4 422	927,992	2 369,719	2,554	2,092
41	43	96 743	47 501,697	1 205 572,219	25,380	24,918	91	93	2 933	604,799	1 441,727	2,384	1,923
42	44	96 516	46 575,232	1 158 070,522	24,865	24,403	92	94	1 853	375,595	836,927	2,228	1,767
43	45	96 289	45 666,197	1 111 495,290	24,340	23,878	93	95	1 108	220,739	461,332	2,090	1,629
44	46	96 032	44 761,013	1 065 829,093	23,812	23,350	94	96	624	122,156	240,593	1,970	1,508
45	47	95 752	43 862,891	1 021 068,080	23,279	22,817	95	97	328	63,170	118,438	1,875	1,414
46	48	95 447	42 971,568	977 205,189	22,741	22,280	96	98	164	31,047	55,268	1,780	1,319
47	49	95 106	42 081,446	934 233,622	22,201	21,739	97	99	77	14,243	24,221	1,701	1,239
48	50	94 725	41 191,770	892 152,176	21,659	21,197	98	100	34	6,132	9,978	1,627	1,166
49	51	94 302	40 302,617	850 960,406	21,114	20,653							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	4 115 568,417	41,290	40,828	50	53	93 623	39 324,240	799 173,625	20,323	19,861
1	4	99 328	97 619,787	4 015 892,881	41,138	40,677	51	54	93 091	38 428,228	759 849,385	19,773	19,312
2	5	99 295	95 908,807	3 918 273,094	40,854	40,393	52	55	92 502	37 528,522	721 421,157	19,223	18,762
3	6	99 275	94 240,328	3 822 364,287	40,560	40,099	53	56	91 846	36 621,350	683 892,634	18,675	18,213
4	7	99 256	92 601,746	3 728 123,959	40,260	39,799	54	57	91 122	35 707,876	647 271,284	18,127	17,666
5	8	99 240	90 994,368	3 635 522,214	39,953	39,492	55	58	90 325	34 786,812	611 563,408	17,580	17,119
6	9	99 224	89 414,783	3 544 527,845	39,641	39,180	56	59	89 436	33 852,214	576 776,596	17,038	16,577
7	10	99 210	87 864,353	3 455 113,062	39,323	38,862	57	60	88 458	32 906,053	542 924,382	16,499	16,038
8	11	99 194	86 339,981	3 367 248,709	39,000	38,539	58	61	87 382	31 946,841	510 018,329	15,965	15,503
9	12	99 179	84 842,030	3 280 908,728	38,671	38,210	59	62	86 223	30 980,839	478 071,488	15,431	14,970
10	13	99 165	83 370,868	3 196 066,698	38,336	37,874	60	63	84 951	29 998,637	447 090,649	14,904	14,442
11	14	99 150	81 924,394	3 112 695,830	37,995	37,534	61	64	83 570	29 003,600	417 092,012	14,381	13,919
12	15	99 134	80 502,384	3 030 771,436	37,648	37,187	62	65	82 072	27 993,870	388 088,412	13,863	13,402
13	16	99 114	79 101,659	2 950 269,052	37,297	36,836	63	66	80 458	26 971,156	360 094,543	13,351	12,890
14	17	99 092	77 724,026	2 871 167,394	36,941	36,479	64	67	78 720	25 934,748	333 123,387	12,845	12,383
15	18	99 067	76 367,910	2 793 443,368	36,579	36,118	65	68	76 881	24 893,307	307 188,639	12,340	11,879
16	19	99 035	75 030,611	2 717 075,458	36,213	35,752	66	69	74 928	23 843,768	282 295,332	11,839	11,378
17	20	98 996	73 711,178	2 642 044,847	35,843	35,382	67	70	72 819	22 773,978	258 451,564	11,349	10,887
18	21	98 954	72 412,248	2 568 333,669	35,468	35,007	68	71	70 605	21 701,754	235 677,585	10,860	10,399
19	22	98 899	71 127,278	2 495 921,421	35,091	34,630	69	72	68 262	20 620,790	213 975,832	10,377	9,915
20	23	98 842	69 864,027	2 424 794,143	34,707	34,246	70	73	65 824	19 542,318	193 355,042	9,894	9,433
21	24	98 785	68 622,876	2 354 930,116	34,317	33,856	71	74	63 266	18 459,658	173 812,724	9,416	8,955
22	25	98 729	67 404,278	2 286 307,240	33,919	33,458	72	75	60 566	17 367,930	155 353,066	8,945	8,484
23	26	98 668	66 204,345	2 218 902,961	33,516	33,055	73	76	57 787	16 286,175	137 985,135	8,473	8,011
24	27	98 609	65 026,763	2 152 698,616	33,105	32,644	74	77	54 878	15 200,317	121 698,961	8,006	7,545
25	28	98 544	63 865,694	2 087 671,853	32,688	32,227	75	78	51 894	14 126,577	106 498,643	7,539	7,078
26	29	98 477	62 724,612	2 023 806,159	32,265	31,804	76	79	48 754	13 043,451	92 372,067	7,082	6,621
27	30	98 409	61 603,440	1 961 081,546	31,834	31,373	77	80	45 482	11 958,927	79 328,616	6,633	6,172
28	31	98 337	60 499,579	1 899 478,106	31,397	30,935	78	81	42 112	10 882,285	67 369,689	6,191	5,730
29	32	98 260	59 412,408	1 838 978,526	30,953	30,492	79	82	38 603	9 803,916	56 487,404	5,762	5,301
30	33	98 178	58 342,162	1 779 566,119	30,502	30,041	80	83	34 968	8 728,135	46 683,488	5,349	4,887
31	34	98 092	57 288,383	1 721 223,957	30,045	29,584	81	84	31 195	7 652,432	37 955,353	4,960	4,499
32	35	97 998	56 249,297	1 663 935,574	29,581	29,120	82	85	27 389	6 603,118	30 302,921	4,589	4,128
33	36	97 893	55 222,296	1 607 686,277	29,113	28,652	83	86	23 610	5 594,122	23 699,802	4,237	3,775
34	37	97 777	54 208,614	1 552 463,981	28,639	28,177	84	87	19 890	4 631,765	18 105,680	3,909	3,448
35	38	97 659	53 211,957	1 498 255,367	28,156	27,695	85	88	16 314	3 733,647	13 473,915	3,609	3,148
36	39	97 532	52 228,324	1 445 043,410	27,668	27,207	86	89	12 991	2 922,089	9 740,268	3,333	2,872
37	40	97 382	51 251,350	1 392 815,086	27,176	26,715	87	90	10 020	2 215,023	6 818,178	3,078	2,617
38	41	97 223	50 287,771	1 341 563,737	26,678	26,217	88	91	7 443	1 617,094	4 603,156	2,847	2,385
39	42	97 053	49 336,468	1 291 275,965	26,173	25,712	89	92	5 297	1 131,071	2 986,061	2,640	2,179
40	43	96 863	48 392,866	1 241 939,497	25,664	25,202	90	93	3 591	753,580	1 854,990	2,462	2,000
41	44	96 657	47 459,150	1 193 546,631	25,149	24,688	91	94	2 318	478,119	1 101,410	2,304	1,842
42	45	96 425	46 531,178	1 146 087,481	24,631	24,169	92	95	1 428	289,412	623,291	2,154	1,692
43	46	96 185	45 617,076	1 099 556,302	24,104	23,643	93	96	826	164,615	333,879	2,028	1,567
44	47	95 918	44 708,008	1 053 939,227	23,574	23,113	94	97	450	88,036	169,264	1,923	1,461
45	48	95 627	43 805,897	1 009 231,219	23,039	22,578	95	98	232	44,551	81,228	1,823	1,362
46	49	95 303	42 906,375	965 425,323	22,501	22,040	96	99	112	21,142	36,677	1,735	1,274
47	50	94 946	42 010,578	922 518,947	21,959	21,498	97	100	50	9,354	15,534	1,661	1,200
48	51	94 550	41 115,816	880 508,370	21,415	20,954							
49	52	94 106	40 218,928	839 392,553	20,871	20,409							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	4 102 068,854	41,158	40,697	50	54	93 391	39 226,772	786 927,919	20,061	19,600
1	5	99 319	97 610,801	4 002 403,255	41,004	40,542	51	55	92 834	38 322,386	747 701,147	19,511	19,050
2	6	99 288	95 902,290	3 904 792,454	40,716	40,255	52	56	92 214	37 411,719	709 378,760	18,961	18,500
3	7	99 268	94 233,447	3 808 890,164	40,420	39,959	53	57	91 535	36 497,512	671 967,041	18,411	17,950
4	8	99 251	92 597,335	3 714 656,717	40,116	39,655	54	58	90 780	35 573,747	635 469,529	17,863	17,402
5	9	99 233	90 987,811	3 622 059,382	39,808	39,347	55	59	89 948	34 641,627	599 895,783	17,317	16,856
6	10	99 219	89 410,030	3 531 071,571	39,493	39,032	56	60	89 022	33 695,328	565 254,156	16,775	16,314
7	11	99 204	87 859,469	3 441 661,541	39,172	38,711	57	61	88 005	32 737,350	531 558,828	16,237	15,776
8	12	99 187	86 333,341	3 353 802,073	38,847	38,386	58	62	86 894	31 768,380	498 821,479	15,702	15,241
9	13	99 173	84 836,668	3 267 468,732	38,515	38,054	59	63	85 695	30 791,177	467 053,099	15,168	14,707
10	14	99 157	83 364,279	3 182 632,063	38,177	37,716	60	64	84 376	29 795,840	436 261,921	14,642	14,181
11	15	99 141	81 916,837	3 099 267,785	37,834	37,373	61	65	82 951	28 788,719	406 466,081	14,119	13,658
12	16	99 122	80 493,064	3 017 350,948	37,486	37,025	62	66	81 415	27 769,535	377 677,363	13,600	13,139
13	17	99 101	79 091,546	2 936 857,884	37,132	36,671	63	67	79 753	26 734,949	349 907,827	13,088	12,627
14	18	99 079	77 713,949	2 857 766,338	36,773	36,312	64	68	77 983	25 692,052	323 172,879	12,579	12,118
15	19	99 050	76 355,514	2 780 052,389	36,409	35,948	65	69	76 097	24 639,297	297 480,826	12,073	11,612
16	20	99 019	75 018,278	2 703 696,875	36,041	35,579	66	70	74 063	23 568,460	272 821,530	11,577	11,115
17	21	98 980	73 699,113	2 628 678,597	35,668	35,207	67	71	71 905	22 488,125	249 273,069	11,085	10,623
18	22	98 937	72 399,952	2 554 979,484	35,290	34,829	68	72	69 630	21 401,955	226 784,944	10,596	10,135
19	23	98 882	71 115,344	2 482 579,532	34,909	34,448	69	73	67 242	20 312,553	205 382,989	10,111	9,650
20	24	98 826	69 852,606	2 411 464,188	34,522	34,061	70	74	64 723	19 215,257	185 070,437	9,631	9,170
21	25	98 769	68 611,604	2 341 611,587	34,129	33,667	71	75	62 115	18 123,838	165 855,180	9,151	8,690
22	26	98 710	67 391,174	2 272 999,984	33,728	33,267	72	76	59 347	17 018,488	147 731,342	8,681	8,219
23	27	98 651	66 192,545	2 205 608,810	33,321	32,860	73	77	56 507	15 925,455	130 712,854	8,208	7,747
24	28	98 589	65 013,124	2 139 416,264	32,907	32,446	74	78	53 564	14 836,446	114 787,399	7,737	7,276
25	29	98 520	63 850,495	2 074 403,140	32,488	32,027	75	79	50 482	13 742,228	99 950,954	7,273	6,812
26	30	98 452	62 709,134	2 010 552,646	32,062	31,600	76	80	47 252	12 641,603	86 208,725	6,819	6,358
27	31	98 381	61 586,020	1 947 843,512	31,628	31,167	77	81	43 879	11 537,237	73 567,123	6,376	5,915
28	32	98 305	60 480,098	1 886 257,492	31,188	30,727	78	82	40 410	10 442,475	62 029,886	5,940	5,479
29	33	98 227	59 392,450	1 825 777,394	30,741	30,280	79	83	36 788	9 343,110	51 587,411	5,521	5,060
30	34	98 144	58 321,729	1 766 384,943	30,287	29,826	80	84	33 038	8 246,378	42 244,301	5,123	4,662
31	35	98 055	57 266,510	1 708 063,214	29,827	29,365	81	85	29 205	7 164,299	33 997,924	4,745	4,284
32	36	97 953	56 223,032	1 650 796,704	29,362	28,900	82	86	25 370	6 116,510	26 833,625	4,387	3,926
33	37	97 846	55 195,963	1 594 573,671	28,889	28,428	83	87	21 596	5 117,064	20 717,115	4,049	3,587
34	38	97 728	54 181,242	1 539 377,709	28,412	27,950	84	88	17 919	4 172,781	15 600,051	3,739	3,277
35	39	97 605	53 182,472	1 485 196,466	27,926	27,465	85	89	14 466	3 310,610	11 427,270	3,452	2,991
36	40	97 468	52 194,342	1 432 013,994	27,436	26,975	86	90	11 318	2 545,706	8 116,660	3,188	2,727
37	41	97 320	51 218,901	1 379 819,653	26,940	26,478	87	91	8 546	1 889,155	5 570,954	2,949	2,488
38	42	97 152	50 250,913	1 328 600,752	26,439	25,978	88	92	6 208	1 348,773	3 681,799	2,730	2,269
39	43	96 975	49 296,661	1 278 349,838	25,932	25,471	89	93	4 302	918,491	2 333,026	2,540	2,079
40	44	96 776	48 349,521	1 229 053,177	25,420	24,959	90	94	2 839	595,736	1 414,535	2,374	1,913
41	45	96 565	47 414,261	1 180 703,657	24,902	24,441	91	95	1 786	368,411	818,799	2,223	1,761
42	46	96 321	46 481,127	1 133 289,396	24,382	23,921	92	96	1 065	215,828	450,387	2,087	1,626
43	47	96 071	45 563,056	1 086 808,269	23,853	23,392	93	97	596	118,636	234,559	1,977	1,516
44	48	95 793	44 649,915	1 041 245,213	23,320	22,859	94	98	317	62,088	115,923	1,867	1,406
45	49	95 482	43 739,438	996 595,298	22,785	22,324	95	99	158	30,338	53,835	1,774	1,313
46	50	95 142	42 834,118	952 855,859	22,245	21,784	96	100	73	13,885	23,497	1,692	1,231
47	51	94 771	41 933,115	910 021,741	21,702	21,241							
48	52	94 354	41 030,439	868 088,627	21,157	20,696							
49	53	93 898	40 130,269	827 058,187	20,609	20,148							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	4 087 687,543	41,018	40,557	50	55	93 133	39 118,731	773 913,324	19,784	19,322
1	6	99 312	97 604,169	3 988 031,119	40,859	40,398	51	56	92 545	38 203,113	734 794,593	19,234	18,773
2	7	99 281	95 895,288	3 890 426,950	40,570	40,108	52	57	91 902	37 285,208	696 591,480	18,683	18,222
3	8	99 263	94 228,958	3 794 531,662	40,269	39,808	53	58	91 191	36 360,416	659 306,272	18,133	17,671
4	9	99 244	92 590,662	3 700 302,703	39,964	39,503	54	59	90 401	35 425,277	622 945,856	17,585	17,124
5	10	99 228	90 982,974	3 607 712,041	39,653	39,191	55	60	89 531	34 481,081	587 520,578	17,039	16,578
6	11	99 213	89 405,060	3 516 729,067	39,335	38,874	56	61	88 566	33 522,578	553 039,497	16,498	16,036
7	12	99 196	87 852,712	3 427 324,007	39,012	38,551	57	62	87 513	32 554,473	519 516,919	15,958	15,497
8	13	99 181	86 327,885	3 339 471,295	38,684	38,222	58	63	86 362	31 573,897	486 962,446	15,423	14,962
9	14	99 165	84 829,963	3 253 143,411	38,349	37,888	59	64	85 116	30 583,023	455 388,549	14,890	14,429
10	15	99 148	83 356,589	3 168 313,448	38,009	37,548	60	65	83 751	29 575,089	424 805,526	14,364	13,902
11	16	99 129	81 907,353	3 084 956,859	37,664	37,203	61	66	82 286	28 558,015	395 230,437	13,840	13,378
12	17	99 110	80 482,773	3 003 049,506	37,313	36,852	62	67	80 702	27 526,336	366 672,423	13,321	12,860
13	18	99 088	79 081,292	2 922 566,733	36,956	36,495	63	68	79 007	26 484,765	339 146,087	12,805	12,344
14	19	99 063	77 701,334	2 843 485,441	36,595	36,134	64	69	77 188	25 429,891	312 661,322	12,295	11,834
15	20	99 034	76 342,963	2 765 784,107	36,228	35,767	65	70	75 218	24 354,804	287 231,430	11,794	11,332
16	21	99 003	75 005,999	2 689 441,143	35,856	35,395	66	71	73 134	23 272,635	262 676,626	11,296	10,834
17	22	98 963	73 686,599	2 614 435,144	35,480	35,019	67	72	70 912	22 177,463	239 603,992	10,804	10,343
18	23	98 920	72 387,805	2 540 748,545	35,099	34,638	68	73	68 589	21 082,041	217 426,529	10,313	9,852
19	24	98 866	71 103,713	2 468 360,740	34,715	34,254	69	74	66 116	19 972,601	196 344,488	9,831	9,369
20	25	98 810	69 841,126	2 397 257,027	34,324	33,863	70	75	63 545	18 865,691	176 371,887	9,349	8,888
21	26	98 750	68 598,265	2 327 415,902	33,928	33,467	71	76	60 865	17 759,187	157 506,197	8,869	8,408
22	27	98 692	67 379,162	2 258 817,637	33,524	33,063	72	77	58 033	16 641,548	139 747,010	8,397	7,936
23	28	98 630	66 178,662	2 191 438,475	33,114	32,653	73	78	55 155	15 544,224	123 105,462	7,920	7,458
24	29	98 565	64 997,651	2 125 259,813	32,697	32,236	74	79	52 107	14 432,783	107 561,237	7,453	6,991
25	30	98 496	63 834,739	2 060 262,162	32,275	31,814	75	80	48 927	13 318,852	93 128,454	6,992	6,531
26	31	98 424	62 691,401	1 996 427,423	31,845	31,384	76	81	45 586	12 195,841	79 809,602	6,544	6,083
27	32	98 349	61 566,189	1 933 736,022	31,409	30,948	77	82	42 105	11 070,956	67 613,761	6,107	5,646
28	33	98 272	60 459,782	1 872 169,833	30,966	30,504	78	83	38 511	9 951,654	56 542,805	5,682	5,221
29	34	98 192	59 371,650	1 811 710,051	30,515	30,054	79	84	34 758	8 827,409	46 591,150	5,278	4,817
30	35	98 106	58 299,462	1 752 338,401	30,058	29,596	80	85	30 931	7 720,358	37 763,742	4,891	4,430
31	36	98 009	57 239,770	1 694 038,939	29,595	29,134	81	86	27 053	6 636,335	30 043,384	4,527	4,066
32	37	97 906	56 196,222	1 636 799,168	29,126	28,665	82	87	23 207	5 594,903	23 407,049	4,184	3,722
33	38	97 797	55 168,092	1 580 602,946	28,651	28,189	83	88	19 456	4 609,990	17 812,146	3,864	3,403
34	39	97 674	54 151,220	1 525 434,854	28,170	27,709	84	89	15 889	3 699,988	13 202,156	3,568	3,107
35	40	97 542	53 147,869	1 471 283,634	27,683	27,222	85	90	12 602	2 884,183	9 502,168	3,295	2,833
36	41	97 406	52 161,296	1 418 135,765	27,188	26,726	86	91	9 653	2 171,189	6 617,985	3,048	2,587
37	42	97 249	51 181,360	1 365 974,469	26,689	26,228	87	92	7 128	1 575,691	4 446,796	2,822	2,361
38	43	97 074	50 210,368	1 314 793,109	26,186	25,724	88	93	5 041	1 095,277	2 871,105	2,621	2,160
39	44	96 888	49 252,506	1 264 582,740	25,676	25,214	89	94	3 401	726,105	1 775,828	2,446	1,984
40	45	96 685	48 303,790	1 215 330,234	25,160	24,699	90	95	2 188	459,040	1 049,723	2,287	1,826
41	46	96 461	47 363,259	1 167 026,445	24,640	24,179	91	96	1 332	274,741	590,683	2,150	1,689
42	47	96 207	46 426,084	1 119 663,186	24,117	23,656	92	97	767	155,545	315,941	2,031	1,570
43	48	95 946	45 503,853	1 073 237,101	23,586	23,124	93	98	420	83,669	160,397	1,917	1,456
44	49	95 648	44 582,177	1 027 733,248	23,053	22,591	94	99	216	42,281	76,727	1,815	1,354
45	50	95 321	43 665,778	983 151,072	22,515	22,054	95	100	104	19,924	34,447	1,729	1,268
46	51	94 967	42 755,136	939 485,293	21,974	21,512							
47	52	94 574	41 846,040	896 730,157	21,429	20,968							
48	53	94 146	40 939,991	854 884,117	20,881	20,420							
49	54	93 666	40 030,803	813 944,126	20,333	19,872							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	4 072 407,761	40,867	40,406	50	56	92 844	38 996,978	760 126,806	19,492	19,031
1	7	99 305	97 597,042	3 972 758,108	40,706	40,245	51	57	92 232	38 073,925	721 129,828	18,940	18,479
2	8	99 276	95 890,721	3 875 161,065	40,412	39,951	52	58	91 557	37 145,154	683 055,902	18,389	17,928
3	9	99 256	94 222,167	3 779 270,345	40,110	39,649	53	59	90 811	36 208,663	645 910,748	17,839	17,377
4	10	99 239	92 585,741	3 685 048,177	39,801	39,340	54	60	89 982	35 261,100	609 702,084	17,291	16,830
5	11	99 222	90 977,916	3 592 462,437	39,487	39,026	55	61	89 072	34 304,303	574 440,984	16,745	16,284
6	12	99 205	89 398,184	3 501 484,520	39,167	38,706	56	62	88 071	33 335,315	540 136,681	16,203	15,742
7	13	99 190	87 847,160	3 412 086,336	38,841	38,380	57	63	86 977	32 355,177	506 801,366	15,664	15,202
8	14	99 173	86 321,061	3 324 239,176	38,510	38,049	58	64	85 779	31 360,451	474 446,189	15,129	14,668
9	15	99 156	84 822,137	3 237 918,115	38,173	37,712	59	65	84 485	30 356,440	443 085,738	14,596	14,135
10	16	99 137	83 346,938	3 153 095,978	37,831	37,370	60	66	83 080	29 338,083	412 729,298	14,068	13,607
11	17	99 117	81 896,882	3 069 749,039	37,483	37,022	61	67	81 566	28 307,910	383 391,215	13,544	13,082
12	18	99 097	80 472,339	2 987 852,158	37,129	36,668	62	68	79 946	27 268,747	355 083,305	13,022	12,560
13	19	99 072	79 068,455	2 907 379,819	36,770	36,309	63	69	78 201	26 214,515	327 814,558	12,505	12,044
14	20	99 046	77 688,563	2 828 311,364	36,406	35,945	64	70	76 296	25 136,270	301 600,043	11,999	11,537
15	21	99 018	76 330,467	2 750 622,801	36,036	35,575	65	71	74 274	24 049,108	276 463,773	11,496	11,035
16	22	98 986	74 993,263	2 674 292,334	35,660	35,199	66	72	72 123	22 951,135	252 414,664	10,998	10,537
17	23	98 947	73 674,236	2 599 299,070	35,281	34,820	67	73	69 852	21 845,956	229 463,529	10,504	10,043
18	24	98 904	72 375,966	2 525 624,834	34,896	34,435	68	74	67 441	20 729,211	207 617,573	10,016	9,554
19	25	98 850	71 092,033	2 453 248,869	34,508	34,047	69	75	64 914	19 609,257	186 888,362	9,531	9,069
20	26	98 790	69 827,548	2 382 156,836	34,115	33,654	70	76	62 267	18 486,113	167 279,105	9,049	8,588
21	27	98 732	68 586,038	2 312 329,288	33,714	33,253	71	77	59 517	17 365,842	148 792,992	8,568	8,107
22	28	98 671	67 365,030	2 243 743,251	33,307	32,846	72	78	56 643	16 243,176	131 427,150	8,091	7,630
23	29	98 607	66 162,912	2 176 378,221	32,894	32,433	73	79	53 654	15 121,305	115 183,975	7,617	7,156
24	30	98 541	64 981,612	2 110 215,309	32,474	32,013	74	80	50 502	13 988,132	100 062,669	7,153	6,692
25	31	98 468	63 816,687	2 045 233,697	32,049	31,587	75	81	47 202	12 849,209	86 074,537	6,699	6,238
26	32	98 393	62 671,214	1 981 417,010	31,616	31,155	76	82	43 743	11 702,942	73 225,328	6,257	5,796
27	33	98 316	61 545,508	1 918 745,796	31,176	30,715	77	83	40 126	10 550,596	61 522,385	5,831	5,370
28	34	98 238	60 438,608	1 857 200,288	30,729	30,268	78	84	36 385	9 402,364	50 971,789	5,421	4,960
29	35	98 155	59 348,982	1 796 761,680	30,275	29,813	79	85	32 541	8 264,326	41 569,425	5,030	4,569
30	36	98 061	58 272,240	1 737 412,698	29,815	29,354	80	86	28 651	7 151,416	33 305,099	4,657	4,196
31	37	97 962	57 212,475	1 679 140,458	29,349	28,888	81	87	24 746	6 070,398	26 153,684	4,308	3,847
32	38	97 856	56 167,847	1 621 927,983	28,876	28,415	82	88	20 907	5 040,477	20 083,285	3,984	3,523
33	39	97 742	55 137,523	1 565 760,136	28,397	27,936	83	89	17 252	4 087,659	15 042,808	3,680	3,219
34	40	97 610	54 115,987	1 510 622,612	27,915	27,453	84	90	13 842	3 223,407	10 955,149	3,399	2,937
35	41	97 480	53 114,219	1 456 506,626	27,422	26,961	85	91	10 748	2 459,870	7 731,742	3,143	2,682
36	42	97 335	52 123,065	1 403 392,406	26,925	26,463	86	92	8 051	1 810,928	5 271,872	2,911	2,450
37	43	97 171	51 140,065	1 351 269,341	26,423	25,962	87	93	5 788	1 279,547	3 460,944	2,705	2,244
38	44	96 987	50 165,395	1 300 129,277	25,917	25,456	88	94	3 985	865,861	2 181,397	2,519	2,058
39	45	96 797	49 205,921	1 249 963,881	25,403	24,942	89	95	2 620	559,496	1 315,536	2,351	1,890
40	46	96 581	48 251,831	1 200 757,961	24,885	24,424	90	96	1 631	342,328	756,040	2,209	1,747
41	47	96 347	47 307,172	1 152 506,130	24,362	23,901	91	97	960	198,003	413,713	2,089	1,628
42	48	96 082	46 365,760	1 105 198,958	23,837	23,375	92	98	541	109,699	215,710	1,966	1,505
43	49	95 801	45 434,819	1 058 833,198	23,304	22,843	93	99	286	56,977	106,011	1,861	1,399
44	50	95 487	44 507,097	1 013 398,380	22,769	22,308	94	100	142	27,768	49,034	1,766	1,305
45	51	95 146	43 585,263	968 891,282	22,230	21,769							
46	52	94 770	42 666,355	925 306,019	21,687	21,226							
47	53	94 366	41 753,794	882 639,664	21,139	20,678							
48	54	93 912	40 838,518	840 885,871	20,591	20,129							
49	55	93 408	39 920,547	800 047,353	20,041	19,580							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	4 056 215,003	40,708	40,247	50	57	92 530	38 865,107	745 572,688	19,184	18,722
1	8	99 300	97 592,394	3 956 572,626	40,542	40,081	51	58	91 886	37 930,909	706 707,581	18,631	18,170
2	9	99 269	95 883,810	3 858 980,232	40,246	39,785	52	59	91 175	36 990,126	668 776,673	18,080	17,619
3	10	99 251	94 217,159	3 763 096,422	39,941	39,479	53	60	90 390	36 040,856	631 786,547	17,530	17,069
4	11	99 233	92 580,593	3 668 879,262	39,629	39,168	54	61	89 520	35 080,323	595 745,691	16,982	16,521
5	12	99 214	90 970,920	3 576 298,669	39,313	38,851	55	62	88 575	34 112,673	560 665,368	16,436	15,974
6	13	99 199	89 392,534	3 485 327,749	38,989	38,528	56	63	87 532	33 131,239	526 552,694	15,893	15,432
7	14	99 182	87 840,216	3 395 935,215	38,660	38,199	57	64	86 389	32 136,450	493 421,455	15,354	14,893
8	15	99 164	86 313,098	3 308 094,998	38,327	37,865	58	65	85 143	31 128,108	461 285,005	14,819	14,358
9	16	99 145	84 812,317	3 221 781,900	37,987	37,526	59	66	83 808	30 113,172	430 156,897	14,285	13,823
10	17	99 124	83 336,283	3 136 969,583	37,642	37,181	60	67	82 352	29 081,147	400 043,725	13,756	13,295
11	18	99 104	81 886,264	3 053 633,300	37,291	36,830	61	68	80 802	28 043,007	370 962,578	13,228	12,767
12	19	99 081	80 459,276	2 971 747,036	36,935	36,474	62	69	79 131	26 990,497	342 919,571	12,705	12,244
13	20	99 056	79 055,459	2 891 287,760	36,573	36,112	63	70	77 298	25 911,834	315 929,074	12,192	11,731
14	21	99 030	77 675,847	2 812 232,301	36,205	35,744	64	71	75 339	24 820,766	290 017,239	11,684	11,223
15	22	99 001	76 317,507	2 734 556,454	35,831	35,370	65	72	73 248	23 716,882	265 196,473	11,182	10,721
16	23	98 969	74 980,681	2 658 238,947	35,452	34,991	66	73	71 045	22 608,064	241 479,591	10,681	10,220
17	24	98 930	73 662,186	2 583 258,266	35,069	34,608	67	74	68 683	21 480,341	218 871,527	10,189	9,728
18	25	98 888	72 364,076	2 509 596,080	34,680	34,219	68	75	66 214	20 352,103	197 391,186	9,699	9,238
19	26	98 830	71 078,211	2 437 232,004	34,289	33,828	69	76	63 608	19 214,719	177 039,083	9,214	8,753
20	27	98 773	69 815,102	2 366 153,792	33,892	33,431	70	77	60 887	18 076,667	157 824,364	8,731	8,270
21	28	98 711	68 571,652	2 296 338,691	33,488	33,027	71	78	58 092	16 950,130	139 747,697	8,245	7,783
22	29	98 648	67 348,997	2 227 767,039	33,078	32,617	72	79	55 102	15 801,240	122 797,566	7,771	7,310
23	30	98 582	66 146,585	2 160 418,041	32,661	32,200	73	80	52 001	14 655,442	106 996,327	7,301	6,840
24	31	98 513	64 963,236	2 094 271,456	32,238	31,777	74	81	48 721	13 494,890	92 340,885	6,843	6,381
25	32	98 436	63 796,138	2 029 308,220	31,809	31,348	75	82	45 294	12 329,905	78 845,995	6,395	5,933
26	33	98 360	62 650,162	1 965 512,082	31,373	30,912	76	83	41 687	11 152,877	66 516,090	5,964	5,503
27	34	98 282	61 523,953	1 902 861,920	30,929	30,468	77	84	37 911	9 968,247	55 363,213	5,554	5,093
28	35	98 200	60 415,533	1 841 337,966	30,478	30,017	78	85	34 064	8 802,606	45 394,966	5,157	4,696
29	36	98 109	59 321,270	1 780 922,434	30,022	29,560	79	86	30 143	7 655,297	36 592,360	4,780	4,319
30	37	98 014	58 244,453	1 721 601,164	29,558	29,097	80	87	26 208	6 541,554	28 937,063	4,424	3,962
31	38	97 913	57 183,587	1 663 356,711	29,088	28,627	81	88	22 294	5 468,853	22 395,510	4,095	3,634
32	39	97 802	56 136,724	1 606 173,125	28,612	28,151	82	89	18 538	4 469,371	16 926,656	3,787	3,326
33	40	97 679	55 101,648	1 550 036,401	28,130	27,669	83	90	15 030	3 561,143	12 457,285	3,498	3,037
34	41	97 549	54 081,724	1 494 934,753	27,642	27,181	84	91	11 806	2 749,189	8 896,142	3,236	2,775
35	42	97 409	53 075,290	1 440 853,028	27,147	26,686	85	92	8 965	2 051,708	6 146,953	2,996	2,535
36	43	97 256	52 081,009	1 387 777,738	26,647	26,185	86	93	6 538	1 470,572	4 095,245	2,785	2,324
37	44	97 084	51 094,259	1 335 696,729	26,142	25,681	87	94	4 576	1 011,534	2 624,673	2,595	2,134
38	45	96 895	50 117,946	1 284 602,470	25,632	25,170	88	95	3 071	667,184	1 613,139	2,418	1,957
39	46	96 692	49 152,992	1 234 484,524	25,115	24,654	89	96	1 954	417,242	945,955	2,267	1,806
40	47	96 466	48 194,692	1 185 331,532	24,595	24,133	90	97	1 176	246,711	528,713	2,143	1,682
41	48	96 222	47 245,703	1 137 136,841	24,069	23,607	91	98	677	139,643	282,002	2,019	1,558
42	49	95 936	46 295,418	1 089 891,138	23,542	23,081	92	99	369	74,703	142,359	1,906	1,444
43	50	95 639	45 358,304	1 043 595,721	23,008	22,547	93	100	188	37,419	67,656	1,808	1,347
44	51	95 311	44 425,031	998 237,417	22,470	22,009							
45	52	94 948	43 494,758	953 812,386	21,929	21,468							
46	53	94 561	42 572,300	910 317,628	21,383	20,922							
47	54	94 132	41 650,304	867 745,328	20,834	20,373							
48	55	93 654	40 726,037	826 095,024	20,284	19,823							
49	56	93 117	39 796,299	785 368,987	19,735	19,274							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	4 039 101,283	40,538	40,077	50	58	92 182	38 719,118	730 255,533	18,860	18,399
1	9	99 293	97 585,361	3 939 463,652	40,369	39,908	51	59	91 502	37 772,601	691 536,415	18,308	17,847
2	10	99 264	95 878,714	3 841 878,291	40,070	39,609	52	60	90 752	36 818,697	653 763,813	17,756	17,295
3	11	99 245	94 211,922	3 745 999,577	39,761	39,300	53	61	89 926	35 856,081	616 945,117	17,206	16,745
4	12	99 226	92 573,474	3 651 787,656	39,447	38,986	54	62	89 020	34 884,358	581 089,035	16,658	16,196
5	13	99 208	90 965,171	3 559 214,182	39,127	38,666	55	63	88 032	33 903,838	546 204,677	16,110	15,649
6	14	99 191	89 385,469	3 468 249,011	38,801	38,340	56	64	86 940	32 907,266	512 300,839	15,568	15,107
7	15	99 173	87 832,113	3 378 863,543	38,470	38,008	57	65	85 749	31 898,358	479 393,573	15,029	14,568
8	16	99 152	86 303,106	3 291 031,429	38,133	37,672	58	66	84 461	30 878,657	447 495,216	14,492	14,031
9	17	99 132	84 801,475	3 204 728,324	37,791	37,330	59	67	83 074	29 849,448	416 616,559	13,957	13,496
10	18	99 111	83 325,478	3 119 926,849	37,443	36,981	60	68	81 582	28 809,008	386 767,110	13,425	12,964
11	19	99 088	81 872,972	3 036 601,371	37,089	36,628	61	69	79 978	27 756,857	357 958,102	12,896	12,435
12	20	99 064	80 446,051	2 954 728,399	36,729	36,268	62	70	78 217	26 678,857	330 201,246	12,377	11,916
13	21	99 039	79 042,519	2 874 282,347	36,364	35,903	63	71	76 327	25 586,595	303 522,389	11,863	11,401
14	22	99 013	77 662,658	2 795 239,828	35,992	35,531	64	72	74 298	24 477,880	277 935,794	11,355	10,893
15	23	98 985	76 304,702	2 717 577,171	35,615	35,154	65	73	72 153	23 362,365	253 457,914	10,849	10,388
16	24	98 953	74 968,417	2 641 272,468	35,232	34,771	66	74	69 856	22 229,694	230 095,549	10,351	9,890
17	25	98 914	73 650,086	2 566 304,051	34,845	34,383	67	75	67 433	21 089,569	207 865,855	9,856	9,395
18	26	98 869	72 350,008	2 492 653,966	34,453	33,992	68	76	64 882	19 942,619	186 776,287	9,366	8,904
19	27	98 813	71 065,543	2 420 303,958	34,057	33,596	69	77	62 199	18 789,136	166 833,668	8,879	8,418
20	28	98 752	69 800,458	2 349 238,415	33,656	33,195	70	78	59 430	17 643,940	148 044,532	8,391	7,929
21	29	98 688	68 555,333	2 279 437,957	33,250	32,788	71	79	56 512	16 488,960	130 400,592	7,908	7,447
22	30	98 624	67 332,378	2 210 882,625	32,835	32,374	72	80	53 405	15 314,429	113 911,632	7,438	6,977
23	31	98 554	66 127,880	2 143 550,247	32,415	31,954	73	81	50 167	14 138,669	98 597,203	6,974	6,512
24	32	98 481	64 942,318	2 077 422,367	31,989	31,528	74	82	46 752	12 949,490	84 458,534	6,522	6,061
25	33	98 403	63 774,708	2 012 480,049	31,556	31,095	75	83	43 165	11 750,371	71 509,044	6,086	5,624
26	34	98 325	62 628,221	1 948 705,340	31,115	30,654	76	84	39 386	10 537,285	59 758,673	5,671	5,210
27	35	98 244	61 500,464	1 886 077,120	30,668	30,206	77	85	35 493	9 332,392	49 221,389	5,274	4,813
28	36	98 154	60 387,322	1 824 576,656	30,215	29,753	78	86	31 554	8 153,909	39 888,997	4,892	4,431
29	37	98 062	59 292,982	1 764 189,334	29,754	29,293	79	87	27 572	7 002,465	31 735,087	4,532	4,071
30	38	97 964	58 215,043	1 704 896,352	29,286	28,825	80	88	23 611	5 893,320	24 732,623	4,197	3,736
31	39	97 858	57 151,901	1 646 681,309	28,812	28,351	81	89	19 768	4 849,210	18 839,303	3,885	3,424
32	40	97 739	56 100,199	1 589 529,408	28,334	27,873	82	90	16 150	3 893,688	13 990,093	3,593	3,132
33	41	97 617	55 066,762	1 533 429,209	27,847	27,386	83	91	12 818	3 037,238	10 096,405	3,324	2,863
34	42	97 477	54 042,086	1 478 362,447	27,356	26,895	84	92	9 847	2 293,021	7 059,166	3,079	2,617
35	43	97 330	53 032,466	1 424 320,362	26,858	26,396	85	93	7 280	1 666,099	4 766,145	2,861	2,399
36	44	97 169	52 034,361	1 371 287,896	26,354	25,892	86	94	5 169	1 162,547	3 100,047	2,667	2,205
37	45	96 992	51 045,931	1 319 253,535	25,844	25,383	87	95	3 526	779,431	1 937,499	2,486	2,025
38	46	96 791	50 064,036	1 268 207,604	25,332	24,871	88	96	2 290	497,550	1 158,068	2,328	1,866
39	47	96 578	49 094,785	1 218 143,568	24,812	24,351	89	97	1 408	300,701	660,518	2,197	1,735
40	48	96 341	48 132,069	1 169 048,782	24,288	23,827	90	98	829	173,995	359,818	2,068	1,607
41	49	96 076	47 174,026	1 120 916,713	23,761	23,300	91	99	461	95,094	185,822	1,954	1,493
42	50	95 775	46 217,453	1 073 742,688	23,232	22,771	92	100	242	49,061	90,728	1,849	1,388
43	51	95 463	45 274,667	1 027 525,235	22,695	22,234							
44	52	95 113	44 332,782	982 250,567	22,156	21,695							
45	53	94 739	43 398,877	937 917,785	21,612	21,150							
46	54	94 326	42 466,781	894 518,908	21,064	20,603							
47	55	93 872	41 535,587	852 052,127	20,514	20,053							
48	56	93 362	40 599,283	810 516,539	19,964	19,503							
49	57	92 802	39 661,724	769 917,257	19,412	18,951							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	4 021 058,754	40,360	39,899	50	59	91 797	38 557,521	714 187,457	18,523	18,061
1	10	99 288	97 580,174	3 921 428,303	40,187	39,726	51	60	91 078	37 597,546	675 629,936	17,970	17,509
2	11	99 258	95 873,384	3 823 848,129	39,884	39,423	52	61	90 287	36 629,934	638 032,390	17,418	16,957
3	12	99 237	94 204,676	3 727 974,746	39,573	39,112	53	62	89 424	35 655,783	601 402,456	16,867	16,406
4	13	99 219	92 567,623	3 633 770,069	39,255	38,794	54	63	88 475	34 670,799	565 746,673	16,318	15,856
5	14	99 200	90 957,981	3 541 202,446	38,932	38,471	55	64	87 437	33 674,642	531 075,874	15,771	15,310
6	15	99 182	89 377,223	3 450 244,465	38,603	38,142	56	65	86 296	32 663,462	497 401,232	15,228	14,767
7	16	99 162	87 821,945	3 360 867,242	38,269	37,808	57	66	85 062	31 642,734	464 737,770	14,687	14,226
8	17	99 139	86 292,073	3 273 045,298	37,930	37,469	58	67	83 721	30 608,229	433 095,036	14,150	13,688
9	18	99 119	84 790,480	3 186 753,225	37,584	37,123	59	68	82 297	29 570,119	402 486,807	13,611	13,150
10	19	99 095	83 311,953	3 101 962,745	37,233	36,772	60	69	80 749	28 515,041	372 916,688	13,078	12,617
11	20	99 071	81 859,515	3 018 650,792	36,876	36,415	61	70	79 054	27 436,368	344 401,646	12,553	12,092
12	21	99 048	80 432,884	2 936 791,277	36,512	36,051	62	71	77 235	26 343,990	316 965,036	12,032	11,571
13	22	99 023	79 029,098	2 856 358,394	36,143	35,682	63	72	75 273	25 233,129	290 621,288	11,517	11,056
14	23	98 997	77 649,627	2 777 329,296	35,767	35,306	64	73	73 187	24 111,987	265 388,159	11,006	10,545
15	24	98 968	76 292,222	2 699 679,668	35,386	34,925	65	74	70 945	22 971,371	241 276,172	10,503	10,042
16	25	98 937	74 956,102	2 623 387,446	34,999	34,538	66	75	68 585	21 825,289	218 304,801	10,002	9,541
17	26	98 895	73 635,767	2 548 431,344	34,609	34,147	67	76	66 076	20 665,247	196 479,512	9,508	9,047
18	27	98 851	72 337,112	2 474 795,577	34,212	33,751	68	77	63 445	19 500,913	175 814,265	9,016	8,554
19	28	98 792	71 050,637	2 402 458,465	33,813	33,352	69	78	60 710	18 339,353	156 313,352	8,523	8,062
20	29	98 729	69 783,846	2 331 407,828	33,409	32,948	70	79	57 813	17 163,893	137 973,999	8,039	7,577
21	30	98 664	68 538,415	2 261 623,982	32,998	32,537	71	80	54 770	15 980,962	120 810,106	7,560	7,098
22	31	98 596	67 313,337	2 193 085,566	32,580	32,119	72	81	51 522	14 774,419	104 829,144	7,095	6,634
23	32	98 523	66 106,586	2 125 772,229	32,157	31,696	73	82	48 140	13 567,251	90 054,725	6,638	6,176
24	33	98 448	64 920,503	2 059 665,642	31,726	31,265	74	83	44 554	12 340,834	76 487,475	6,198	5,737
25	34	98 369	63 752,373	1 994 745,139	31,289	30,828	75	84	40 783	11 101,799	64 146,640	5,778	5,317
26	35	98 288	62 604,309	1 930 992,766	30,844	30,383	76	85	36 874	9 865,132	53 044,841	5,377	4,916
27	36	98 198	61 471,747	1 868 388,457	30,394	29,933	77	86	32 877	8 644,653	43 179,709	4,995	4,534
28	37	98 108	60 358,526	1 806 916,710	29,936	29,475	78	87	28 863	7 458,556	34 535,056	4,630	4,169
29	38	98 013	59 263,043	1 746 558,184	29,471	29,010	79	88	24 840	6 308,557	27 076,500	4,292	3,831
30	39	97 910	58 182,786	1 687 295,141	29,000	28,539	80	89	20 936	5 225,583	20 767,943	3,974	3,513
31	40	97 795	57 114,715	1 629 112,355	28,524	28,062	81	90	17 222	4 224,602	15 542,360	3,679	3,218
32	41	97 677	56 064,680	1 571 997,640	28,039	27,578	82	91	13 774	3 320,860	11 317,758	3,408	2,947
33	42	97 545	55 026,401	1 515 932,960	27,549	27,088	83	92	10 692	2 533,275	7 996,898	3,157	2,696
34	43	97 398	53 998,482	1 460 906,559	27,055	26,593	84	93	7 996	1 862,057	5 463,623	2,934	2,473
35	44	97 243	52 984,965	1 406 908,077	26,553	26,092	85	94	5 755	1 317,120	3 601,566	2,734	2,273
36	45	97 077	51 985,144	1 353 923,112	26,044	25,583	86	95	3 983	895,793	2 284,446	2,550	2,089
37	46	96 887	50 991,023	1 301 937,968	25,533	25,071	87	96	2 629	581,258	1 388,653	2,389	1,928
38	47	96 676	50 004,751	1 250 946,945	25,017	24,555	88	97	1 650	358,578	807,395	2,252	1,790
39	48	96 452	49 030,993	1 200 942,194	24,494	24,032	89	98	993	212,072	448,817	2,116	1,655
40	49	96 195	48 059,047	1 151 911,201	23,969	23,507	90	99	565	118,487	236,745	1,998	1,537
41	50	95 914	47 094,581	1 103 852,154	23,439	22,978	91	100	303	62,452	118,258	1,894	1,432
42	51	95 598	46 132,233	1 056 757,572	22,907	22,446							
43	52	95 265	45 180,654	1 010 625,339	22,369	21,907							
44	53	94 903	44 235,054	965 444,685	21,825	21,364							
45	54	94 504	43 291,310	921 209,631	21,279	20,818							
46	55	94 066	42 349,816	877 918,322	20,730	20,269							
47	56	93 580	41 406,313	835 568,505	20,180	19,719							
48	57	93 046	40 461,992	794 162,192	19,627	19,166							
49	58	92 454	39 512,743	753 700,200	19,075	18,614							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	4 002 087,315	40,171	39,710	50	60	91 372	38 378,827	697 385,154	18,171	17,710
1	11	99 282	97 574,749	3 902 462,160	39,995	39,533	51	61	90 611	37 404,790	659 006,327	17,618	17,157
2	12	99 251	95 866,010	3 804 887,411	39,690	39,228	52	62	89 783	36 425,313	621 601,537	17,065	16,604
3	13	99 231	94 198,723	3 709 021,400	39,374	38,913	53	63	88 877	35 437,501	585 176,224	16,513	16,052
4	14	99 212	92 560,307	3 614 822,677	39,054	38,592	54	64	87 877	34 436,418	549 738,723	15,964	15,503
5	15	99 191	90 949,590	3 522 262,371	38,728	38,266	55	65	86 789	33 425,154	515 302,305	15,417	14,955
6	16	99 171	89 366,876	3 431 312,781	38,396	37,935	56	66	85 604	32 401,707	481 877,152	14,872	14,411
7	17	99 149	87 810,717	3 341 945,905	38,059	37,597	57	67	84 317	31 365,614	449 475,444	14,330	13,869
8	18	99 127	86 280,885	3 254 135,187	37,716	37,254	58	68	82 938	30 321,799	418 109,830	13,789	13,328
9	19	99 103	84 776,717	3 167 854,303	37,367	36,906	59	69	81 457	29 268,387	387 788,030	13,249	12,788
10	20	99 079	83 298,259	3 083 077,586	37,013	36,551	60	70	79 817	28 185,798	358 519,644	12,720	12,259
11	21	99 055	81 846,116	2 999 779,327	36,651	36,190	61	71	78 062	27 091,993	330 333,845	12,193	11,732
12	22	99 031	80 419,227	2 917 933,211	36,284	35,828	62	72	76 168	25 980,061	303 241,852	11,672	11,211
13	23	99 006	79 015,839	2 837 513,985	35,911	35,449	63	73	74 148	24 855,947	277 261,791	11,155	10,694
14	24	98 981	77 636,927	2 758 498,146	35,531	35,070	64	74	71 962	23 708,447	252 405,844	10,646	10,185
15	25	98 952	76 279,690	2 680 861,219	35,145	34,684	65	75	69 655	22 553,473	228 697,397	10,140	9,679
16	26	98 918	74 941,530	2 604 581,529	34,755	34,294	66	76	67 205	21 386,165	206 143,923	9,639	9,178
17	27	98 877	73 622,642	2 529 639,999	34,360	33,898	67	77	64 613	20 207,536	184 757,759	9,143	8,682
18	28	98 830	72 321,940	2 456 017,357	33,960	33,498	68	78	61 926	19 034,092	164 550,223	8,645	8,184
19	29	98 769	71 033,727	2 383 695,418	33,557	33,096	69	79	59 058	17 840,385	145 516,131	8,157	7,695
20	30	98 704	69 766,626	2 312 661,690	33,149	32,687	70	80	56 032	16 635,101	127 675,746	7,675	7,214
21	31	98 636	68 519,034	2 242 895,064	32,734	32,273	71	81	52 839	15 417,449	111 040,645	7,202	6,741
22	32	98 564	67 291,662	2 174 376,030	32,313	31,852	72	82	49 439	14 177,307	95 623,196	6,745	6,284
23	33	98 490	66 084,381	2 107 084,368	31,885	31,424	73	83	45 877	12 929,559	81 445,889	6,299	5,838
24	34	98 414	64 897,766	2 040 999,987	31,449	30,988	74	84	42 095	11 659,671	68 516,330	5,876	5,415
25	35	98 331	63 728,032	1 976 102,221	31,008	30,547	75	85	38 181	10 393,638	56 856,659	5,470	5,009
26	36	98 242	62 575,077	1 912 374,189	30,561	30,100	76	86	34 156	9 138,134	46 463,022	5,085	4,623
27	37	98 152	61 442,434	1 849 799,111	30,106	29,645	77	87	30 074	7 907,450	37 324,888	4,720	4,259
28	38	98 058	60 328,049	1 788 356,678	29,644	29,183	78	88	26 003	6 719,452	29 417,438	4,378	3,917
29	39	97 958	59 230,205	1 728 028,628	29,175	28,714	79	89	22 025	5 593,772	22 697,986	4,058	3,597
30	40	97 846	58 144,929	1 668 798,424	28,701	28,239	80	90	18 239	4 552,495	17 104,214	3,757	3,296
31	41	97 733	57 078,554	1 610 653,494	28,218	27,757	81	91	14 688	3 603,091	12 551,719	3,484	3,022
32	42	97 605	56 023,588	1 553 574,940	27,731	27,270	82	92	11 489	2 769,836	8 948,628	3,231	2,770
33	43	97 467	54 982,003	1 497 551,352	27,237	26,776	83	93	8 682	2 057,157	6 178,792	3,004	2,542
34	44	97 311	53 950,116	1 442 569,349	26,739	26,278	84	94	6 321	1 472,033	4 121,635	2,800	2,339
35	45	97 151	52 934,849	1 388 619,233	26,233	25,771	85	95	4 435	1 014,898	2 649,602	2,611	2,150
36	46	96 973	51 929,225	1 335 684,384	25,721	25,260	86	96	2 970	668,035	1 634,704	2,447	1,986
37	47	96 773	50 930,640	1 283 755,159	25,206	24,745	87	97	1 895	418,905	966,670	2,308	1,846
38	48	96 550	49 939,776	1 232 824,519	24,686	24,225	88	98	1 164	252,890	547,765	2,166	1,705
39	49	96 306	48 956,608	1 182 884,742	24,162	23,701	89	99	676	144,416	294,874	2,042	1,581
40	50	96 033	47 978,113	1 133 928,135	23,634	23,173	90	100	371	77,816	150,458	1,934	1,472
41	51	95 737	47 007,744	1 085 950,022	23,102	22,640							
42	52	95 400	46 036,439	1 038 942,278	22,568	22,107							
43	53	95 055	45 081,057	992 905,839	22,025	21,564							
44	54	94 668	44 125,414	947 824,782	21,480	21,019							
45	55	94 244	43 172,074	903 699,369	20,932	20,471							
46	56	93 774	42 218,008	860 527,295	20,383	19,922							
47	57	93 264	41 266,294	818 309,287	19,830	19,369							
48	58	92 697	40 310,006	777 042,994	19,277	18,815							
49	59	92 068	39 347,834	736 732,988	18,724	18,262							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	3 982 184,724	39,974	39,513	50	61	90 903	38 182,067	679 869,418	17,806	17,345
1	12	99 275	97 567,245	3 882 565,107	39,794	39,333	51	62	90 105	37 195,840	641 687,351	17,252	16,790
2	13	99 244	95 859,952	3 784 997,862	39,485	39,023	52	63	89 233	36 202,320	604 491,511	16,698	16,236
3	14	99 223	94 191,277	3 689 137,910	39,166	38,705	53	64	88 276	35 197,937	568 289,191	16,146	15,684
4	15	99 202	92 551,768	3 594 946,632	38,843	38,381	54	65	87 226	34 181,285	533 091,254	15,596	15,135
5	16	99 180	90 939,061	3 502 394,864	38,514	38,052	55	66	86 094	33 157,295	498 909,969	15,047	14,586
6	17	99 158	89 355,451	3 411 455,804	38,178	37,717	56	67	84 855	32 117,941	465 752,674	14,501	14,040
7	18	99 136	87 799,333	3 322 100,353	37,837	37,376	57	68	83 528	31 072,097	433 634,733	13,956	13,495
8	19	99 110	86 266,879	3 234 301,020	37,492	37,031	58	69	82 091	30 012,397	402 562,636	13,413	12,952
9	20	99 087	84 762,782	3 148 034,141	37,139	36,678	59	70	80 517	28 930,445	372 550,239	12,877	12,416
10	21	99 062	83 284,625	3 063 271,358	36,781	36,320	60	71	78 815	27 832,017	343 619,794	12,346	11,885
11	22	99 038	81 832,219	2 979 986,733	36,416	35,955	61	72	76 984	26 717,731	315 787,777	11,819	11,358
12	23	99 015	80 405,734	2 898 154,515	36,044	35,583	62	73	75 030	25 591,714	289 070,046	11,295	10,834
13	24	98 990	79 002,915	2 817 748,781	35,666	35,205	63	74	72 907	24 439,957	263 478,332	10,781	10,319
14	25	98 964	77 624,174	2 738 745,866	35,282	34,821	64	75	70 653	23 277,141	239 038,375	10,269	9,808
15	26	98 933	76 264,860	2 661 121,692	34,893	34,432	65	76	68 253	22 099,698	215 761,235	9,763	9,302
16	27	98 900	74 928,172	2 584 856,833	34,498	34,037	66	77	65 717	20 912,486	193 661,537	9,261	8,799
17	28	98 857	73 607,200	2 509 928,660	34,099	33,638	67	78	63 066	19 723,799	172 749,051	8,758	8,297
18	29	98 807	72 304,728	2 436 321,460	33,695	33,234	68	79	60 241	18 516,222	153 025,252	8,264	7,803
19	30	98 744	71 016,199	2 364 016,733	33,288	32,827	69	80	57 239	17 290,752	134 509,030	7,779	7,318
20	31	98 676	69 746,897	2 293 000,534	32,876	32,415	70	81	54 056	16 048,522	117 218,278	7,304	6,843
21	32	98 604	68 496,970	2 223 253,637	32,458	31,996	71	82	50 704	14 794,348	101 169,756	6,838	6,377
22	33	98 531	67 269,059	2 154 756,666	32,032	31,571	72	83	47 115	13 510,941	86 375,408	6,393	5,932
23	34	98 455	66 061,236	2 087 487,608	31,599	31,138	73	84	43 345	12 215,901	72 864,467	5,965	5,504
24	35	98 376	64 872,989	2 021 426,372	31,160	30,699	74	85	39 410	10 915,924	60 648,566	5,556	5,095
25	36	98 285	63 698,275	1 956 553,383	30,716	30,255	75	86	35 367	9 627,691	49 732,642	5,166	4,704
26	37	98 195	62 545,238	1 892 855,108	30,264	29,803	76	87	31 244	8 358,847	40 104,951	4,798	4,337
27	38	98 102	61 411,410	1 830 309,870	29,804	29,343	77	88	27 094	7 123,863	31 746,104	4,456	3,995
28	39	98 004	60 294,621	1 768 898,460	29,338	28,876	78	89	23 056	5 958,111	24 622,241	4,133	3,671
29	40	97 895	59 191,667	1 708 603,839	28,866	28,404	79	90	19 188	4 873,259	18 664,130	3,830	3,369
30	41	97 784	58 108,116	1 649 412,172	28,385	27,924	80	91	15 556	3 882,746	13 790,870	3,552	3,091
31	42	97 661	57 036,719	1 591 304,056	27,900	27,438	81	92	12 251	3 005,237	9 908,125	3,297	2,836
32	43	97 526	55 978,385	1 534 267,337	27,408	26,947	82	93	9 330	2 249,257	6 902,888	3,069	2,608
33	44	97 379	54 932,756	1 478 288,952	26,911	26,450	83	94	6 864	1 626,267	4 653,631	2,862	2,400
34	45	97 219	53 899,087	1 423 356,196	26,408	25,947	84	95	4 871	1 134,265	3 027,364	2,669	2,208
35	46	97 046	52 877,909	1 369 457,109	25,898	25,437	85	96	3 307	756,856	1 893,099	2,501	2,040
36	47	96 858	51 867,731	1 316 579,200	25,383	24,922	86	97	2 140	481,444	1 136,242	2,360	1,899
37	48	96 647	50 864,462	1 264 711,469	24,864	24,403	87	98	1 336	295,437	654,798	2,216	1,755
38	49	96 404	49 864,012	1 213 847,006	24,343	23,882	88	99	793	172,212	359,361	2,087	1,626
39	50	96 144	48 874,161	1 163 982,994	23,816	23,355	89	100	444	94,845	187,149	1,973	1,512
40	51	95 856	47 889,646	1 115 108,832	23,285	22,824							
41	52	95 538	46 910,132	1 067 219,186	22,750	22,289							
42	53	95 189	45 934,955	1 020 309,055	22,212	21,751							
43	54	94 819	44 969,320	974 374,099	21,668	21,206							
44	55	94 407	44 003,880	929 404,779	21,121	20,660							
45	56	93 950	43 037,706	885 400,899	20,573	20,111							
46	57	93 457	42 075,244	842 363,193	20,020	19,559							
47	58	92 913	41 111,286	800 287,950	19,466	19,005							
48	59	92 310	40 141,769	759 176,664	18,912	18,451							
49	60	91 641	39 165,478	719 034,895	18,359	17,898							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	3 961 352,591	39,768	39,307	50	62	90 396	37 968,775	661 664,155	17,427	16,965
1	13	99 268	97 561,079	3 861 740,635	39,583	39,122	51	63	89 554	36 968,130	623 695,380	16,871	16,410
2	14	99 237	95 852,375	3 764 179,556	39,271	38,809	52	64	88 630	35 957,586	586 727,250	16,317	15,856
3	15	99 214	94 182,588	3 668 327,181	38,949	38,488	53	65	87 622	34 937,162	550 769,664	15,765	15,303
4	16	99 191	92 541,053	3 574 144,592	38,622	38,161	54	66	86 527	33 907,367	515 832,502	15,213	14,752
5	17	99 167	90 927,435	3 481 603,539	38,290	37,829	55	67	85 340	32 866,911	481 925,135	14,663	14,202
6	18	99 145	89 343,866	3 390 676,104	37,951	37,490	56	68	84 060	31 817,383	449 058,224	14,114	13,652
7	19	99 120	87 785,081	3 301 332,239	37,607	37,146	57	69	82 676	30 755,038	417 240,841	13,567	13,105
8	20	99 094	86 252,700	3 213 547,158	37,257	36,796	58	70	81 143	29 665,865	386 485,802	13,028	12,567
9	21	99 070	84 748,908	3 127 294,458	36,901	36,440	59	71	79 506	28 567,317	356 819,938	12,490	12,029
10	22	99 046	83 270,483	3 042 545,549	36,538	36,077	60	72	77 726	27 447,532	328 252,621	11,959	11,498
11	23	99 022	81 818,489	2 959 275,066	36,169	35,708	61	73	75 833	26 318,357	300 805,089	11,429	10,968
12	24	98 999	80 392,583	2 877 456,577	35,793	35,331	62	74	73 774	25 163,410	274 486,732	10,908	10,447
13	25	98 974	78 989,937	2 797 063,994	35,410	34,949	63	75	71 581	23 995,342	249 323,322	10,390	9,929
14	26	98 945	77 609,082	2 718 074,057	35,023	34,561	64	76	69 232	22 808,805	225 327,980	9,879	9,418
15	27	98 915	76 251,266	2 640 464,975	34,628	34,167	65	77	66 742	21 610,215	202 519,175	9,371	8,910
16	28	98 879	74 912,456	2 564 213,708	34,229	33,768	66	78	64 144	20 411,874	180 908,959	8,863	8,402
17	29	98 833	73 589,682	2 489 301,252	33,827	33,366	67	79	61 350	19 187,164	160 497,085	8,365	7,904
18	30	98 782	72 286,885	2 415 711,570	33,418	32,957	68	80	58 385	17 945,767	141 309,921	7,874	7,413
19	31	98 716	70 996,116	2 343 424,684	33,008	32,547	69	81	55 220	16 681,054	123 364,154	7,395	6,934
20	32	98 645	69 724,438	2 272 428,568	32,592	32,130	70	82	51 871	15 399,917	106 683,101	6,928	6,466
21	33	98 571	68 473,962	2 202 704,130	32,168	31,707	71	83	48 320	14 098,980	91 283,184	6,474	6,013
22	34	98 496	67 245,499	2 134 230,168	31,738	31,277	72	84	44 515	12 765,193	77 184,204	6,046	5,585
23	35	98 418	66 036,014	2 066 984,669	31,301	30,840	73	85	40 580	11 436,673	64 419,011	5,633	5,171
24	36	98 330	64 842,697	2 000 948,655	30,859	30,397	74	86	36 506	10 111,489	52 982,339	5,240	4,779
25	37	98 238	63 667,900	1 936 105,957	30,409	29,948	75	87	32 351	8 806,656	42 870,850	4,868	4,407
26	38	98 145	62 513,657	1 872 438,057	29,952	29,491	76	88	28 148	7 530,529	34 064,194	4,523	4,062
27	39	98 048	61 377,381	1 809 924,400	29,488	29,027	77	89	24 024	6 316,701	26 533,664	4,201	3,739
28	40	97 940	60 255,391	1 748 547,019	29,019	28,558	78	90	20 087	5 190,669	20 216,964	3,895	3,434
29	41	97 833	59 154,191	1 688 291,629	28,541	28,079	79	91	16 365	4 156,320	15 026,295	3,615	3,154
30	42	97 713	58 065,526	1 629 137,438	28,057	27,596	80	92	12 975	3 238,489	10 869,975	3,356	2,895
31	43	97 582	56 990,699	1 571 071,911	27,567	27,106	81	93	9 948	2 440,415	7 631,486	3,127	2,666
32	44	97 439	55 928,246	1 514 081,213	27,072	26,611	82	94	7 375	1 778,130	5 191,071	2,919	2,458
33	45	97 287	54 880,798	1 458 152,967	26,569	26,108	83	95	5 289	1 253,110	3 412,941	2,724	2,262
34	46	97 115	53 841,110	1 403 272,169	26,063	25,602	84	96	3 632	845,874	2 159,831	2,553	2,092
35	47	96 931	52 815,292	1 349 431,060	25,550	25,089	85	97	2 383	545,457	1 313,957	2,409	1,948
36	48	96 732	51 800,336	1 296 615,768	25,031	24,570	86	98	1 510	339,543	768,500	2,263	1,802
37	49	96 500	50 787,295	1 244 815,432	24,510	24,049	87	99	910	201,186	428,957	2,132	1,671
38	50	96 242	49 780,038	1 194 028,136	23,986	23,525	88	100	521	113,100	227,772	2,014	1,553
39	51	95 967	48 784,042	1 144 248,098	23,455	22,994							
40	52	95 657	47 790,203	1 095 464,056	22,922	22,461							
41	53	95 328	46 806,722	1 047 673,853	22,383	21,922							
42	54	94 954	45 821,102	1 000 867,131	21,843	21,382							
43	55	94 558	44 845,462	955 046,029	21,296	20,835							
44	56	94 113	43 866,923	910 200,567	20,749	20,288							
45	57	93 633	42 892,170	866 333,643	20,198	19,737							
46	58	93 106	41 917,197	823 441,473	19,644	19,183							
47	59	92 526	40 939,705	781 524,277	19,090	18,628							
48	60	91 882	39 955,733	740 584,572	18,535	18,074							
49	61	91 171	38 964,684	700 628,839	17,981	17,520							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	3 939 595,713	39,552	39,091	50	63	89 842	37 736,333	642 793,387	17,034	16,573
1	14	99 261	97 553,368	3 839 990,052	39,363	38,902	51	64	88 948	36 718,219	605 057,054	16,478	16,017
2	15	99 227	95 843,533	3 742 436,684	39,047	38,586	52	65	87 973	35 691,183	568 338,835	15,924	15,463
3	16	99 203	94 171,685	3 646 593,151	38,723	38,262	53	66	86 920	34 657,187	532 647,652	15,369	14,908
4	17	99 178	92 529,223	3 552 421,467	38,392	37,931	54	67	85 769	33 610,414	497 990,465	14,817	14,355
5	18	99 154	90 915,646	3 459 892,244	38,056	37,595	55	68	84 541	32 559,345	464 380,051	14,263	13,801
6	19	99 129	89 329,363	3 368 976,598	37,714	37,253	56	69	83 203	31 492,720	431 820,706	13,712	13,251
7	20	99 104	87 770,652	3 279 647,235	37,366	36,905	57	70	81 721	30 399,932	400 327,987	13,169	12,708
8	21	99 078	86 238,582	3 191 876,583	37,012	36,551	58	71	80 125	29 293,506	369 990,055	12,628	12,167
9	22	99 054	84 734,518	3 105 638,001	36,651	36,190	59	72	78 408	28 172,674	340 634,549	12,091	11,630
10	23	99 029	83 256,512	3 020 903,483	36,284	35,823	60	73	76 565	27 037,249	312 461,875	11,557	11,096
11	24	99 005	81 805,107	2 937 646,970	35,910	35,449	61	74	74 564	25 877,892	285 424,626	11,030	10,568
12	25	98 982	80 379,377	2 855 841,864	35,530	35,068	62	75	72 432	24 705,634	259 546,735	10,506	10,044
13	26	98 954	78 974,580	2 775 462,487	35,144	34,683	63	76	70 140	23 512,556	234 841,100	9,988	9,527
14	27	98 927	77 595,250	2 696 487,906	34,751	34,289	64	77	67 698	22 303,617	211 328,544	9,475	9,014
15	28	98 895	76 235,273	2 618 892,657	34,353	33,892	65	78	65 144	21 092,901	189 024,927	8,962	8,500
16	29	98 856	74 894,682	2 542 657,384	33,950	33,489	66	79	62 399	19 856,518	167 932,027	8,457	7,996
17	30	98 809	73 571,523	2 467 762,756	33,542	33,081	67	80	59 460	18 596,038	148 075,509	7,963	7,502
18	31	98 754	72 266,444	2 394 191,233	33,130	32,669	68	81	56 326	17 312,972	129 479,470	7,479	7,018
19	32	98 684	70 973,255	2 321 924,789	32,715	32,254	69	82	52 989	16 006,884	112 166,498	7,007	6,546
20	33	98 611	69 701,017	2 250 951,534	32,294	31,833	70	83	49 433	14 676,085	96 159,614	6,552	6,091
21	34	98 536	68 449,980	2 181 250,517	31,866	31,405	71	84	45 653	13 320,775	81 483,529	6,117	5,656
22	35	98 459	67 219,825	2 112 800,536	31,431	30,970	72	85	41 675	11 950,927	68 162,754	5,704	5,242
23	36	98 372	66 005,180	2 045 580,711	30,991	30,530	73	86	37 590	10 593,861	56 211,828	5,306	4,845
24	37	98 283	64 811,777	1 979 575,532	30,543	30,082	74	87	33 393	9 249,196	45 617,966	4,932	4,471
25	38	98 189	63 635,752	1 914 763,755	30,089	29,628	75	88	29 145	7 933,963	36 368,770	4,584	4,123
26	39	98 091	62 479,017	1 851 128,003	29,628	29,167	76	89	24 958	6 677,290	28 434,807	4,258	3,797
27	40	97 984	61 337,446	1 788 648,985	29,161	28,700	77	90	20 929	5 503,070	21 757,518	3,954	3,493
28	41	97 878	60 217,241	1 727 311,539	28,685	28,223	78	91	17 132	4 427,033	16 254,447	3,672	3,210
29	42	97 761	59 110,834	1 667 094,298	28,203	27,742	79	92	13 650	3 466,669	11 827,414	3,412	2,951
30	43	97 634	58 018,676	1 607 983,464	27,715	27,254	80	93	10 536	2 629,828	8 360,745	3,179	2,718
31	44	97 495	56 939,653	1 549 964,788	27,221	26,760	81	94	7 865	1 929,249	5 730,916	2,971	2,509
32	45	97 347	55 875,346	1 493 025,135	26,721	26,259	82	95	5 683	1 370,127	3 801,668	2,775	2,313
33	46	97 183	54 821,765	1 437 149,789	26,215	25,754	83	96	3 944	934,502	2 431,541	2,602	2,141
34	47	97 000	53 777,352	1 382 328,025	25,705	25,243	84	97	2 618	609,611	1 497,039	2,456	1,995
35	48	96 805	52 746,665	1 328 550,673	25,187	24,726	85	98	1 681	384,689	887,428	2,307	1,846
36	49	96 586	51 721,749	1 275 804,008	24,667	24,205	86	99	1 028	231,221	502,740	2,174	1,713
37	50	96 338	50 701,766	1 224 082,259	24,143	23,682	87	100	598	132,128	271,519	2,055	1,594
38	51	96 064	49 688,249	1 173 380,492	23,615	23,154							
39	52	95 767	48 682,742	1 123 692,244	23,082	22,621							
40	53	95 446	47 684,853	1 075 009,502	22,544	22,083							
41	54	95 091	46 690,708	1 027 324,648	22,003	21,542							
42	55	94 692	45 694,898	980 633,940	21,460	20,999							
43	56	94 264	44 705,886	934 939,042	20,913	20,452							
44	57	93 795	43 718,583	890 233,156	20,363	19,902							
45	58	93 281	42 731,054	846 514,573	19,810	19,349							
46	59	92 717	41 742,252	803 783,518	19,256	18,795							
47	60	92 097	40 749,971	762 041,266	18,700	18,239							
48	61	91 411	39 750,888	721 291,295	18,145	17,684							
49	62	90 662	38 747,020	681 540,407	17,589	17,128							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	3 916 916,240	39,327	38,866	50	64	89 235	37 481,228	623 285,080	16,629	16,168
1	15	99 251	97 544,369	3 817 318,453	39,134	38,673	51	65	88 289	36 446,181	585 803,851	16,073	15,612
2	16	99 216	95 832,437	3 719 774,084	38,815	38,354	52	66	87 268	35 405,165	549 357,670	15,516	15,055
3	17	99 190	94 159,646	3 623 941,647	38,487	38,026	53	67	86 158	34 353,667	513 952,505	14,961	14,499
4	18	99 165	92 517,226	3 529 782,001	38,153	37,691	54	68	84 967	33 295,890	479 598,838	14,404	13,943
5	19	99 138	90 900,888	3 437 264,775	37,813	37,352	55	69	83 679	32 227,110	446 302,948	13,849	13,387
6	20	99 113	89 314,681	3 346 363,887	37,467	37,006	56	70	82 242	31 129,095	414 075,838	13,302	12,841
7	21	99 088	87 756,285	3 257 049,206	37,115	36,654	57	71	80 695	30 018,359	382 946,742	12,757	12,296
8	22	99 061	86 223,939	3 169 292,921	36,757	36,295	58	72	79 018	28 888,831	352 928,383	12,217	11,756
9	23	99 037	84 720,302	3 083 068,982	36,391	35,930	59	73	77 236	27 751,552	324 039,553	11,676	11,215
10	24	99 013	83 242,895	2 998 348,680	36,019	35,558	60	74	75 283	26 584,752	296 288,001	11,145	10,684
11	25	98 989	81 791,669	2 915 105,785	35,641	35,179	61	75	73 207	25 407,118	269 703,249	10,615	10,154
12	26	98 963	80 363,750	2 833 314,117	35,256	34,795	62	76	70 975	24 208,557	244 926,130	10,091	9,630
13	27	98 937	78 960,504	2 752 950,367	34,865	34,404	63	77	68 587	22 991,781	220 087,573	9,572	9,111
14	28	98 907	77 578,974	2 673 989,863	34,468	34,007	64	78	66 078	21 769,703	197 095,792	9,054	8,592
15	29	98 871	76 217,130	2 596 410,888	34,066	33,605	65	79	63 371	20 519,016	175 326,089	8,545	8,083
16	30	98 831	74 876,147	2 520 193,759	33,658	33,197	66	80	60 476	19 244,771	154 807,073	8,044	7,583
17	31	98 781	73 550,718	2 445 317,612	33,247	32,785	67	81	57 364	17 940,314	135 562,303	7,556	7,095
18	32	98 723	72 243,174	2 371 766,894	32,830	32,369	68	82	54 050	16 613,263	117 621,989	7,080	6,619
19	33	98 651	70 949,415	2 299 523,721	32,411	31,950	69	83	50 498	15 254,524	101 008,725	6,622	6,160
20	34	98 577	69 676,606	2 228 574,306	31,985	31,523	70	84	46 705	13 866,026	85 754,201	6,184	5,723
21	35	98 499	68 423,847	2 158 897,700	31,552	31,091	71	85	42 741	12 471,069	71 888,175	5,764	5,303
22	36	98 413	67 188,438	2 090 473,853	31,114	30,652	72	86	38 604	11 070,218	59 417,106	5,367	4,906
23	37	98 325	65 973,705	2 023 285,416	30,668	30,207	73	87	34 384	9 690,433	48 346,888	4,989	4,528
24	38	98 234	64 779,051	1 957 311,711	30,215	29,754	74	88	30 084	8 332,649	38 656,456	4,639	4,178
25	39	98 134	63 600,491	1 892 532,660	29,757	29,295	75	89	25 843	7 035,013	30 323,807	4,310	3,849
26	40	98 027	62 438,366	1 828 932,169	29,292	28,831	76	90	21 744	5 817,213	23 288,794	4,003	3,542
27	41	97 922	61 298,612	1 766 493,803	28,818	28,357	77	91	17 850	4 693,475	17 471,581	3,723	3,261
28	42	97 806	60 173,106	1 705 195,191	28,338	27,877	78	92	14 289	3 692,464	12 778,106	3,461	2,999
29	43	97 682	59 063,141	1 645 022,086	27,852	27,391	79	93	11 085	2 815,123	9 085,642	3,227	2,766
30	44	97 546	57 966,709	1 585 958,945	27,360	26,899	80	94	8 329	2 078,988	6 270,519	3,016	2,555
31	45	97 403	56 885,796	1 527 992,236	26,861	26,399	81	95	6 060	1 486,570	4 191,531	2,820	2,358
32	46	97 242	55 815,243	1 471 106,440	26,357	25,896	82	96	4 238	1 021,767	2 704,961	2,647	2,186
33	47	97 068	54 756,845	1 415 291,197	25,847	25,386	83	97	2 842	673,484	1 683,194	2,499	2,038
34	48	96 873	53 707,475	1 360 534,352	25,332	24,871	84	98	1 846	429,934	1 009,710	2,349	1,887
35	49	96 659	52 666,643	1 306 826,877	24,813	24,352	85	99	1 145	261,964	579,776	2,213	1,752
36	50	96 423	51 634,646	1 254 160,234	24,289	23,828	86	100	675	151,853	317,813	2,093	1,632
37	51	96 160	50 608,277	1 202 525,588	23,761	23,300							
38	52	95 865	49 585,071	1 151 917,310	23,231	22,770							
39	53	95 556	48 575,425	1 102 332,240	22,693	22,232							
40	54	95 209	47 566,662	1 053 756,815	22,153	21,692							
41	55	94 830	46 562,109	1 006 190,152	21,610	21,148							
42	56	94 397	45 552,678	959 628,043	21,066	20,605							
43	57	93 945	44 554,709	914 075,365	20,516	20,055							
44	58	93 443	43 554,364	869 520,656	19,964	19,503							
45	59	92 892	42 552,713	825 966,292	19,410	18,949							
46	60	92 287	41 548,799	783 413,579	18,855	18,394							
47	61	91 625	40 541,054	741 864,780	18,299	17,838							
48	62	90 900	39 528,832	701 323,726	17,742	17,281							
49	63	90 107	38 509,814	661 794,894	17,185	16,724							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	3 893 319,798	39,094	38,633	50	65	88 574	37 203,538	603 171,741	16,213	15,752
1	16	99 240	97 533,076	3 793 731,198	38,897	38,436	51	66	87 582	36 154,113	565 968,204	15,654	15,193
2	17	99 203	95 820,186	3 696 198,122	38,574	38,113	52	67	86 504	35 095,095	529 814,091	15,097	14,635
3	18	99 177	94 147,438	3 600 377,936	38,242	37,781	53	68	85 352	34 032,188	494 718,996	14,537	14,076
4	19	99 149	92 502,209	3 506 230,499	37,904	37,443	54	69	84 100	32 956,140	460 686,808	13,979	13,518
5	20	99 122	90 885,947	3 413 728,290	37,561	37,099	55	70	82 712	31 855,006	427 730,668	13,427	12,966
6	21	99 096	89 300,061	3 322 842,343	37,210	36,749	56	71	81 210	30 738,370	395 875,662	12,879	12,418
7	22	99 071	87 741,385	3 233 542,281	36,853	36,392	57	72	79 581	29 603,670	365 137,291	12,334	11,873
8	23	99 044	86 209,472	3 145 800,897	36,490	36,029	58	73	77 837	28 457,003	335 533,621	11,791	11,330
9	24	99 021	84 706,445	3 059 591,424	36,120	35,659	59	74	75 943	27 287,101	307 076,618	11,254	10,792
10	25	98 997	83 229,221	2 974 884,979	35,743	35,282	60	75	73 914	26 101,119	279 789,517	10,719	10,258
11	26	98 970	81 775,767	2 891 655,758	35,361	34,900	61	76	71 734	24 895,927	253 688,398	10,190	9,729
12	27	98 945	80 349,426	2 809 879,991	34,971	34,510	62	77	69 403	23 672,366	228 792,470	9,665	9,204
13	28	98 916	78 943,942	2 729 530,565	34,576	34,114	63	78	66 945	22 441,394	205 120,104	9,140	8,679
14	29	98 883	77 560,511	2 650 586,623	34,174	33,713	64	79	64 280	21 177,404	182 678,710	8,626	8,165
15	30	98 847	76 198,322	2 573 026,112	33,767	33,306	65	80	61 419	19 886,858	161 501,306	8,121	7,660
16	31	98 803	74 854,173	2 496 827,790	33,356	32,894	66	81	58 344	18 566,171	141 614,448	7,628	7,166
17	32	98 749	73 527,034	2 421 972,817	32,940	32,479	67	82	55 045	17 215,251	123 048,277	7,148	6,686
18	33	98 689	72 218,907	2 348 445,783	32,518	32,057	68	83	51 509	15 832,402	105 833,026	6,685	6,223
19	34	98 617	70 924,566	2 276 226,876	32,094	31,632	69	84	47 711	14 412,537	90 000,624	6,245	5,783
20	35	98 539	69 650,004	2 205 302,310	31,663	31,201	70	85	43 726	12 981,540	75 588,087	5,823	5,362
21	36	98 453	68 391,897	2 135 652,306	31,227	30,765	71	86	39 591	11 552,029	62 606,547	5,420	4,958
22	37	98 366	67 156,398	2 067 260,409	30,783	30,322	72	87	35 312	10 126,166	51 054,518	5,042	4,581
23	38	98 275	65 940,392	2 000 104,011	30,332	29,871	73	88	30 977	8 730,162	40 928,352	4,688	4,227
24	39	98 179	64 743,157	1 934 163,618	29,874	29,413	74	89	26 675	7 388,526	32 198,190	4,358	3,897
25	40	98 070	63 559,110	1 869 420,462	29,412	28,951	75	90	22 514	6 128,859	24 809,664	4,048	3,587
26	41	97 965	62 398,834	1 805 861,352	28,941	28,479	76	91	18 545	4 961,402	18 680,805	3,765	3,304
27	42	97 850	61 253,683	1 743 462,518	28,463	28,002	77	92	14 888	3 914,695	13 719,402	3,505	3,043
28	43	97 727	60 124,555	1 682 208,835	27,979	27,518	78	93	11 603	2 998,481	9 804,707	3,270	2,809
29	44	97 595	59 010,238	1 622 084,280	27,488	27,027	79	94	8 763	2 225,471	6 806,227	3,058	2,597
30	45	97 454	57 911,881	1 563 074,042	26,991	26,529	80	95	6 418	1 601,951	4 580,756	2,859	2,398
31	46	97 298	56 824,606	1 505 162,161	26,488	26,027	81	96	4 519	1 108,604	2 978,805	2,687	2,226
32	47	97 127	55 749,147	1 448 337,554	25,980	25,518	82	97	3 054	736,374	1 870,201	2,540	2,079
33	48	96 941	54 685,696	1 392 588,407	25,465	25,004	83	98	2 005	474,981	1 133,827	2,387	1,926
34	49	96 727	53 625,995	1 337 902,711	24,949	24,488	84	99	1 257	292,775	658,846	2,250	1,789
35	50	96 496	52 577,949	1 284 276,716	24,426	23,965	85	100	752	172,043	366,071	2,128	1,667
36	51	96 245	51 539,437	1 231 698,768	23,898	23,437							
37	52	95 960	50 503,189	1 180 159,330	23,368	22,907							
38	53	95 653	49 475,764	1 129 656,141	22,833	22,371							
39	54	95 319	48 455,027	1 080 180,377	22,292	21,831							
40	55	94 947	47 435,651	1 031 725,350	21,750	21,289							
41	56	94 534	46 417,190	984 289,700	21,205	20,744							
42	57	94 078	45 398,638	937 872,509	20,659	20,197							
43	58	93 592	44 387,349	892 473,872	20,106	19,645							
44	59	93 053	43 372,586	848 086,523	19,554	19,092							
45	60	92 461	42 355,504	804 713,936	18,999	18,538							
46	61	91 814	41 335,787	762 358,432	18,443	17,982							
47	62	91 113	40 314,584	721 022,646	17,885	17,424							
48	63	90 344	39 286,840	680 708,062	17,327	16,865							
49	64	89 498	38 249,480	641 421,222	16,769	16,308							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	3 868 812,009	38,852	38,391	50	66	87 864	36 905,400	582 486,578	15,783	15,322
1	17	99 227	97 520,607	3 769 234,939	38,651	38,189	51	67	86 815	35 837,483	545 581,178	15,224	14,763
2	18	99 190	95 807,762	3 671 714,331	38,324	37,863	52	68	85 694	34 766,678	509 743,695	14,662	14,201
3	19	99 161	94 132,156	3 575 906,569	37,988	37,527	53	69	84 481	33 684,924	474 977,017	14,101	13,639
4	20	99 133	92 487,004	3 481 774,414	37,646	37,185	54	70	83 129	32 575,619	441 292,093	13,547	13,085
5	21	99 105	90 871,071	3 389 287,409	37,298	36,837	55	71	81 674	31 455,170	408 716,474	12,994	12,532
6	22	99 080	89 284,899	3 298 416,338	36,943	36,481	56	72	80 088	30 313,735	377 261,304	12,445	11,984
7	23	99 054	87 726,664	3 209 131,440	36,581	36,120	57	73	78 391	29 161,158	346 947,569	11,898	11,436
8	24	99 028	86 195,372	3 121 404,776	36,213	35,752	58	74	76 534	27 980,746	317 786,411	11,357	10,896
9	25	99 004	84 692,530	3 035 209,404	35,838	35,377	59	75	74 561	26 790,691	289 805,665	10,817	10,356
10	26	98 977	83 213,040	2 950 516,874	35,457	34,996	60	76	72 426	25 575,965	263 014,975	10,284	9,822
11	27	98 952	81 761,192	2 867 303,834	35,069	34,608	61	77	70 146	24 344,512	237 439,010	9,753	9,292
12	28	98 925	80 332,573	2 785 542,643	34,675	34,214	62	78	67 741	23 105,687	213 094,498	9,223	8,761
13	29	98 892	78 925,154	2 705 210,070	34,276	33,814	63	79	65 124	21 830,820	189 988,811	8,703	8,242
14	30	98 859	77 541,372	2 626 284,915	33,869	33,408	64	80	62 300	20 524,962	168 157,991	8,193	7,732
15	31	98 819	76 176,774	2 548 743,543	33,458	32,997	65	81	59 253	19 185,617	147 633,029	7,695	7,234
16	32	98 771	74 830,869	2 472 566,769	33,042	32,581	66	82	55 986	17 815,814	128 447,412	7,210	6,749
17	33	98 716	73 502,336	2 397 735,900	32,621	32,160	67	83	52 458	16 406,095	110 631,598	6,743	6,282
18	34	98 655	72 193,614	2 324 233,564	32,194	31,733	68	84	48 666	14 958,519	94 225,503	6,299	5,838
19	35	98 579	70 897,488	2 252 039,950	31,765	31,304	69	85	44 667	13 493,190	79 266,984	5,875	5,413
20	36	98 493	69 617,482	2 181 142,463	31,330	30,869	70	86	40 503	12 024,882	65 773,794	5,470	5,009
21	37	98 406	68 359,284	2 111 524,981	30,889	30,427	71	87	36 215	10 566,889	53 748,912	5,087	4,625
22	38	98 316	67 122,489	2 043 165,697	30,439	29,978	72	88	31 813	9 122,716	43 182,023	4,733	4,272
23	39	98 221	65 903,854	1 976 043,208	29,984	29,523	73	89	27 467	7 740,999	34 059,307	4,400	3,939
24	40	98 115	64 701,032	1 910 139,354	29,523	29,061	74	90	23 239	6 436,838	26 318,308	4,089	3,627
25	41	98 008	63 518,869	1 845 438,322	29,053	28,592	75	91	19 202	5 227,200	19 881,470	3,803	3,342
26	42	97 893	62 353,099	1 781 919,453	28,578	28,117	76	92	15 468	4 138,166	14 654,270	3,541	3,080
27	43	97 771	61 204,261	1 719 566,354	28,096	27,634	77	93	12 090	3 178,945	10 516,104	3,308	2,847
28	44	97 640	60 070,701	1 658 362,093	27,607	27,146	78	94	9 173	2 370,423	7 337,160	3,095	2,634
29	45	97 502	58 954,423	1 598 291,392	27,111	26,649	79	95	6 752	1 714,822	4 966,737	2,896	2,435
30	46	97 349	57 849,587	1 539 336,969	26,609	26,148	80	96	4 786	1 194,649	3 251,915	2,722	2,261
31	47	97 183	56 757,315	1 481 487,381	26,102	25,641	81	97	3 257	798,957	2 057,266	2,575	2,114
32	48	97 001	55 676,708	1 424 730,066	25,589	25,128	82	98	2 154	519,335	1 258,309	2,423	1,962
33	49	96 794	54 602,732	1 369 053,357	25,073	24,612	83	99	1 365	323,451	738,974	2,285	1,823
34	50	96 564	53 535,685	1 314 450,626	24,553	24,092	84	100	826	192,278	415,523	2,161	1,700
35	51	96 318	52 481,000	1 260 914,941	24,026	23,565							
36	52	96 045	51 432,415	1 208 433,940	23,496	23,034							
37	53	95 749	50 391,859	1 157 001,525	22,960	22,499							
38	54	95 416	49 353,135	1 106 609,666	22,422	21,961							
39	55	95 057	48 321,568	1 057 256,532	21,880	21,418							
40	56	94 652	47 288,013	1 008 934,963	21,336	20,875							
41	57	94 215	46 260,226	961 646,950	20,788	20,327							
42	58	93 725	45 228,107	915 386,724	20,239	19,778							
43	59	93 201	44 202,095	870 158,617	19,686	19,225							
44	60	92 622	43 171,578	825 956,522	19,132	18,671							
45	61	91 987	42 138,356	782 784,944	18,577	18,115							
46	62	91 301	41 104,877	740 646,588	18,018	17,557							
47	63	90 555	40 067,782	699 541,711	17,459	16,998							
48	64	89 733	39 021,253	659 473,929	16,900	16,439							
49	65	88 835	37 966,098	620 452,676	16,342	15,881							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	3 843 399,617	38,602	38,141	50	67	87 094	36 582,191	561 261,199	15,342	14,881
1	18	99 214	97 507,963	3 743 835,276	38,395	37,934	51	68	86 002	35 502,119	524 679,007	14,779	14,318
2	19	99 174	95 792,211	3 646 327,313	38,065	37,604	52	69	84 820	34 411,919	489 176,889	14,215	13,754
3	20	99 145	94 116,683	3 550 535,102	37,725	37,264	53	70	83 506	33 295,988	454 764,969	13,658	13,197
4	21	99 117	92 471,866	3 456 418,419	37,378	36,917	54	71	82 085	32 166,737	421 468,981	13,103	12,641
5	22	99 089	90 855,641	3 363 946,553	37,025	36,564	55	72	80 546	31 020,633	389 302,244	12,550	12,089
6	23	99 063	89 269,918	3 273 090,912	36,665	36,204	56	73	78 891	29 860,609	358 281,611	11,998	11,537
7	24	99 038	87 712,315	3 183 820,993	36,298	35,837	57	74	77 079	28 673,115	328 421,002	11,454	10,993
8	25	99 012	86 181,213	3 096 108,678	35,926	35,464	58	75	75 142	27 471,717	299 747,887	10,911	10,450
9	26	98 985	84 676,065	3 009 927,465	35,546	35,085	59	76	73 061	26 251,662	272 276,170	10,372	9,911
10	27	98 960	83 198,208	2 925 251,400	35,160	34,699	60	77	70 822	25 009,488	246 024,508	9,837	9,376
11	28	98 932	81 744,042	2 842 053,193	34,768	34,307	61	78	68 466	23 761,742	221 015,020	9,301	8,840
12	29	98 901	80 313,455	2 760 309,150	34,369	33,908	62	79	65 898	22 477,039	197 253,278	8,776	8,315
13	30	98 868	78 905,678	2 679 995,696	33,965	33,503	63	80	63 117	21 158,247	174 776,239	8,260	7,799
14	31	98 831	77 519,444	2 601 090,017	33,554	33,093	64	81	60 103	19 801,221	153 617,992	7,758	7,297
15	32	98 787	76 152,245	2 523 570,573	33,138	32,677	65	82	56 859	18 410,225	133 816,771	7,269	6,807
16	33	98 738	74 805,733	2 447 418,328	32,717	32,256	66	83	53 354	16 978,430	115 406,546	6,797	6,336
17	34	98 681	73 476,593	2 372 612,595	32,291	31,830	67	84	49 562	15 500,546	98 428,116	6,350	5,889
18	35	98 617	72 166,051	2 299 136,002	31,859	31,398	68	85	45 562	14 004,345	82 927,570	5,922	5,460
19	36	98 533	70 864,383	2 226 969,951	31,426	30,965	69	86	41 376	12 498,827	68 923,225	5,514	5,053
20	37	98 446	69 584,284	2 156 105,568	30,986	30,524	70	87	37 049	10 999,418	56 424,398	5,130	4,669
21	38	98 356	68 324,767	2 086 521,284	30,538	30,077	71	88	32 626	9 519,766	45 424,981	4,772	4,310
22	39	98 262	67 085,296	2 018 196,517	30,084	29,623	72	89	28 208	8 089,076	35 905,215	4,439	3,978
23	40	98 157	65 860,974	1 951 111,221	29,625	29,163	73	90	23 929	6 743,910	27 816,139	4,125	3,663
24	41	98 053	64 660,068	1 885 250,247	29,156	28,695	74	91	19 820	5 489,870	21 072,229	3,838	3,377
25	42	97 937	63 472,313	1 820 590,179	28,683	28,222	75	92	16 016	4 359,860	15 582,359	3,574	3,113
26	43	97 814	62 302,790	1 757 117,866	28,203	27,742	76	93	12 561	3 360,415	11 222,500	3,340	2,878
27	44	97 684	61 149,440	1 694 815,076	27,716	27,255	77	94	9 558	2 513,087	7 862,085	3,128	2,667
28	45	97 547	60 013,884	1 633 665,636	27,221	26,760	78	95	7 068	1 826,514	5 348,998	2,929	2,467
29	46	97 397	58 891,008	1 573 651,752	26,721	26,260	79	96	5 035	1 278,822	3 522,484	2,754	2,293
30	47	97 234	57 781,083	1 514 760,744	26,216	25,754	80	97	3 449	860,968	2 243,662	2,606	2,145
31	48	97 056	56 683,567	1 456 979,662	25,704	25,243	81	98	2 297	563,472	1 382,694	2,454	1,993
32	49	96 854	55 592,241	1 400 296,095	25,189	24,727	82	99	1 467	353,655	819,222	2,316	1,855
33	50	96 631	54 510,777	1 344 703,854	24,669	24,207	83	100	897	212,424	465,567	2,192	1,730
34	51	96 386	53 436,971	1 290 193,077	24,144	23,683							
35	52	96 118	52 372,023	1 236 756,106	23,615	23,154							
36	53	95 834	51 319,037	1 184 384,083	23,079	22,618							
37	54	95 512	50 266,959	1 133 065,047	22,541	22,080							
38	55	95 154	49 217,203	1 082 798,088	22,000	21,539							
39	56	94 761	48 171,173	1 033 580,885	21,456	20,995							
40	57	94 331	47 128,104	985 409,712	20,909	20,448							
41	58	93 861	46 086,460	938 281,608	20,359	19,898							
42	59	93 334	45 039,344	892 195,148	19,809	19,348							
43	60	92 770	43 997,242	847 155,804	19,255	18,794							
44	61	92 147	42 950,245	803 158,562	18,700	18,239							
45	62	91 473	41 902,963	760 208,316	18,142	17,681							
46	63	90 742	40 853,237	718 305,353	17,583	17,121							
47	64	89 943	39 796,916	677 452,117	17,023	16,562							
48	65	89 068	38 732,153	637 655,201	16,463	16,002							
49	66	88 123	37 661,849	598 923,048	15,903	15,441							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	3 817 088,172	38,343	37,882	50	68	86 279	36 239,857	539 532,357	14,888	14,427
1	19	99 198	97 492,136	3 717 536,740	38,132	37,670	51	69	85 125	35 139,856	503 292,500	14,323	13,861
2	20	99 158	95 776,466	3 620 044,605	37,797	37,336	52	70	83 841	34 014,589	468 152,644	13,763	13,302
3	21	99 129	94 101,278	3 524 268,139	37,452	36,991	53	71	82 458	32 878,065	434 138,055	13,204	12,743
4	22	99 100	92 456,164	3 430 166,861	37,100	36,639	54	72	80 951	31 722,370	401 259,990	12,649	12,188
5	23	99 072	90 840,398	3 337 710,696	36,743	36,281	55	73	79 342	30 556,939	369 537,619	12,093	11,632
6	24	99 047	89 255,318	3 246 870,299	36,377	35,916	56	74	77 570	29 360,860	338 980,680	11,545	11,084
7	25	99 022	87 697,907	3 157 614,981	36,006	35,544	57	75	75 677	28 151,491	309 619,820	10,998	10,537
8	26	98 993	86 164,458	3 069 917,074	35,629	35,167	58	76	73 630	26 918,986	281 468,329	10,456	9,995
9	27	98 968	84 660,972	2 983 752,616	35,244	34,782	59	77	71 443	25 670,219	254 549,343	9,916	9,455
10	28	98 939	83 180,757	2 899 091,644	34,853	34,392	60	78	69 127	24 410,800	228 879,124	9,376	8,915
11	29	98 908	81 724,588	2 815 910,887	34,456	33,995	61	79	66 604	23 115,245	204 468,325	8,846	8,384
12	30	98 877	80 293,636	2 734 186,299	34,052	33,591	62	80	63 868	21 784,558	181 353,080	8,325	7,864
13	31	98 840	78 883,365	2 653 892,663	33,643	33,182	63	81	60 892	20 412,176	159 568,522	7,817	7,356
14	32	98 799	77 494,483	2 575 009,298	33,228	32,767	64	82	57 674	19 000,949	139 156,346	7,324	6,862
15	33	98 754	76 126,665	2 497 514,815	32,807	32,346	65	83	54 186	17 544,902	120 155,397	6,848	6,387
16	34	98 704	74 779,534	2 421 388,150	32,380	31,919	66	84	50 409	16 041,291	102 610,495	6,397	5,935
17	35	98 643	73 448,541	2 346 608,616	31,949	31,488	67	85	46 401	14 511,797	86 569,204	5,965	5,504
18	36	98 571	72 132,354	2 273 160,076	31,514	31,053	68	86	42 204	12 972,312	72 057,407	5,555	5,094
19	37	98 486	70 830,591	2 201 027,722	31,075	30,613	69	87	37 847	11 432,945	59 085,095	5,168	4,707
20	38	98 397	69 549,149	2 130 197,131	30,629	30,167	70	88	33 378	9 909,433	47 652,150	4,809	4,348
21	39	98 302	68 286,908	2 060 647,982	30,176	29,715	71	89	28 930	8 441,138	37 742,717	4,471	4,010
22	40	98 198	67 041,647	1 992 361,075	29,718	29,257	72	90	24 575	7 047,152	29 301,579	4,158	3,697
23	41	98 095	65 819,276	1 925 319,428	29,252	28,790	73	91	20 409	5 751,766	22 254,426	3,869	3,408
24	42	97 981	64 612,675	1 859 500,152	28,779	28,318	74	92	16 532	4 578,945	16 502,660	3,604	3,143
25	43	97 858	63 421,100	1 794 887,476	28,301	27,840	75	93	13 006	3 540,443	11 923,715	3,368	2,907
26	44	97 727	62 246,985	1 731 466,376	27,816	27,355	76	94	9 930	2 656,547	8 383,272	3,156	2,694
27	45	97 591	61 091,602	1 669 219,390	27,323	26,862	77	95	7 365	1 936,443	5 726,726	2,957	2,496
28	46	97 442	59 949,329	1 608 127,788	26,825	26,364	78	96	5 271	1 362,116	3 790,283	2,783	2,321
29	47	97 282	58 821,270	1 548 178,459	26,320	25,859	79	97	3 629	921,631	2 428,167	2,635	2,173
30	48	97 108	57 706,004	1 489 357,189	25,809	25,348	80	98	2 433	607,206	1 506,536	2,481	2,020
31	49	96 909	56 597,571	1 431 651,186	25,295	24,834	81	99	1 564	383,711	899,330	2,344	1,883
32	50	96 690	55 498,620	1 375 053,614	24,776	24,315	82	100	963	232,261	515,619	2,220	1,759
33	51	96 453	54 410,265	1 319 554,994	24,252	23,791							
34	52	96 185	53 326,009	1 265 144,730	23,725	23,264							
35	53	95 906	52 256,573	1 211 818,721	23,190	22,729							
36	54	95 596	51 191,838	1 159 562,148	22,651	22,190							
37	55	95 249	50 128,510	1 108 370,310	22,111	21,649							
38	56	94 857	49 064,020	1 058 241,800	21,569	21,107							
39	57	94 441	48 008,278	1 009 177,780	21,021	20,560							
40	58	93 977	46 951,078	961 169,502	20,472	20,011							
41	59	93 469	45 894,114	914 218,424	19,920	19,459							
42	60	92 901	44 830,611	868 324,310	19,369	18,908							
43	61	92 294	43 771,677	823 493,699	18,813	18,352							
44	62	91 632	42 710,317	779 722,022	18,256	17,795							
45	63	90 913	41 646,437	737 011,705	17,697	17,236							
46	64	90 129	40 577,061	695 365,268	17,137	16,676							
47	65	89 277	39 502,069	654 788,207	16,576	16,115							
48	66	88 355	38 421,765	615 286,138	16,014	15,553							
49	67	87 351	37 332,016	576 864,373	15,452	14,991							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	3 789 882,038	38,076	37,615	50	69	85 399	35 870,067	517 331,184	14,422	13,961
1	20	99 182	97 476,111	3 690 346,766	37,859	37,398	51	70	84 142	34 734,121	481 461,117	13,861	13,400
2	21	99 142	95 760,789	3 592 870,654	37,519	37,058	52	71	82 788	33 587,646	446 726,996	13,300	12,839
3	22	99 112	94 085,300	3 497 109,866	37,170	36,708	53	72	81 318	32 423,871	413 139,350	12,742	12,281
4	23	99 083	92 440,652	3 403 024,566	36,813	36,352	54	73	79 741	31 248,187	380 715,479	12,184	11,722
5	24	99 056	90 825,540	3 310 583,913	36,450	35,989	55	74	78 014	30 045,537	349 467,292	11,631	11,170
6	25	99 031	89 240,656	3 219 758,373	36,080	35,618	56	75	76 159	28 826,724	319 421,755	11,081	10,620
7	26	99 002	87 680,857	3 130 517,718	35,704	35,242	57	76	74 154	27 585,083	290 595,031	10,534	10,073
8	27	98 975	86 149,100	3 042 836,861	35,321	34,859	58	77	71 999	26 322,762	263 009,948	9,992	9,531
9	28	98 947	84 643,215	2 956 687,760	34,931	34,470	59	78	69 733	25 055,714	236 687,185	9,446	8,985
10	29	98 915	83 160,961	2 872 044,546	34,536	34,075	60	79	67 246	23 746,643	211 631,471	8,912	8,451
11	30	98 884	81 704,421	2 788 883,585	34,134	33,673	61	80	64 552	22 403,101	187 884,828	8,387	7,925
12	31	98 849	80 270,930	2 707 179,163	33,726	33,264	62	81	61 616	21 016,401	165 481,727	7,874	7,413
13	32	98 808	78 857,964	2 626 908,233	33,312	32,851	63	82	58 431	19 587,212	144 465,326	7,375	6,914
14	33	98 766	77 468,452	2 548 050,269	32,891	32,430	64	83	54 963	18 107,861	124 878,114	6,896	6,435
15	34	98 719	76 100,003	2 470 581,817	32,465	32,004	65	84	51 195	16 576,496	106 770,253	6,441	5,980
16	35	98 666	74 750,983	2 394 481,814	32,033	31,572	66	85	47 194	15 018,049	90 193,757	6,006	5,544
17	36	98 597	73 414,245	2 319 730,830	31,598	31,137	67	86	42 982	13 442,369	75 175,708	5,592	5,131
18	37	98 524	72 097,957	2 246 316,586	31,156	30,695	68	87	38 605	11 866,053	61 733,339	5,203	4,741
19	38	98 436	70 794,826	2 174 218,629	30,712	30,250	69	88	34 097	10 300,000	49 867,287	4,841	4,380
20	39	98 342	69 510,611	2 103 423,803	30,260	29,799	70	89	29 596	8 786,654	39 567,286	4,503	4,042
21	40	98 238	68 242,477	2 033 913,192	29,804	29,343	71	90	25 203	7 353,867	30 780,632	4,186	3,724
22	41	98 136	66 999,201	1 965 670,715	29,339	28,878	72	91	20 960	6 010,396	23 426,765	3,898	3,437
23	42	98 023	65 771,034	1 898 671,513	28,868	28,407	73	92	17 022	4 797,386	17 416,369	3,630	3,169
24	43	97 902	64 560,543	1 832 900,479	28,390	27,929	74	93	13 424	3 718,352	12 618,983	3,394	2,932
25	44	97 770	63 364,295	1 768 339,937	27,908	27,446	75	94	10 282	2 798,866	8 900,631	3,180	2,719
26	45	97 634	62 188,109	1 704 975,642	27,416	26,955	76	95	7 651	2 046,985	6 101,766	2,981	2,520
27	46	97 486	61 025,888	1 642 787,533	26,920	26,458	77	96	5 492	1 444,095	4 054,781	2,808	2,347
28	47	97 327	59 878,338	1 581 761,645	26,416	25,955	78	97	3 799	981,660	2 610,686	2,659	2,198
29	48	97 156	58 744,840	1 521 883,307	25,907	25,445	79	98	2 559	649,989	1 629,026	2,506	2,045
30	49	96 960	57 618,457	1 463 138,468	25,394	24,932	80	99	1 657	413,493	979,037	2,368	1,907
31	50	96 746	56 502,257	1 405 520,010	24,875	24,414	81	100	1 027	252,000	565,544	2,244	1,783
32	51	96 512	55 396,286	1 349 017,753	24,352	23,891							
33	52	96 253	54 297,282	1 293 621,467	23,825	23,364							
34	53	95 973	53 208,456	1 239 324,186	23,292	22,831							
35	54	95 668	52 127,051	1 186 115,730	22,754	22,293							
36	55	95 333	51 050,842	1 133 988,679	22,213	21,752							
37	56	94 952	49 972,491	1 082 937,837	21,671	21,209							
38	57	94 537	48 898,106	1 032 965,346	21,125	20,664							
39	58	94 086	47 827,945	984 067,241	20,575	20,114							
40	59	93 585	46 755,124	936 239,295	20,024	19,563							
41	60	93 036	45 681,420	889 484,172	19,471	19,010							
42	61	92 425	44 600,773	843 802,752	18,919	18,458							
43	62	91 778	43 527,160	799 201,979	18,361	17,900							
44	63	91 071	42 448,848	755 674,819	17,802	17,341							
45	64	90 299	41 364,899	713 225,970	17,242	16,781							
46	65	89 461	40 276,434	671 861,071	16,681	16,220							
47	66	88 561	39 185,511	631 584,637	16,118	15,657							
48	67	87 581	38 085,277	592 399,126	15,555	15,093							
49	68	86 534	36 982,665	554 313,849	14,988	14,527							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	3 761 788,498	37,800	37,339	50	70	84 413	35 455,901	494 697,582	13,952	13,491
1	21	99 166	97 460,156	3 662 269,586	37,577	37,116	51	71	83 086	34 298,146	459 241,681	13,390	12,928
2	22	99 125	95 744,529	3 564 809,430	37,233	36,771	52	72	81 645	33 123,650	424 943,535	12,829	12,368
3	23	99 095	94 069,515	3 469 064,901	36,878	36,416	53	73	80 103	31 939,203	391 819,885	12,268	11,806
4	24	99 067	92 425,533	3 374 995,386	36,516	36,055	54	74	78 407	30 725,216	359 880,682	11,713	11,252
5	25	99 040	90 810,620	3 282 569,854	36,147	35,686	55	75	76 595	29 498,945	329 155,466	11,158	10,697
6	26	99 011	89 223,306	3 191 759,233	35,773	35,312	56	76	74 627	28 246,731	299 656,521	10,609	10,147
7	27	98 985	87 665,229	3 102 535,927	35,391	34,930	57	77	72 512	26 974,106	271 409,790	10,062	9,601
8	28	98 954	86 131,031	3 014 870,699	35,003	34,542	58	78	70 276	25 692,637	244 435,684	9,514	9,053
9	29	98 923	84 623,071	2 928 739,668	34,609	34,148	59	79	67 836	24 374,011	218 743,048	8,974	8,513
10	30	98 891	83 140,440	2 844 116,597	34,209	33,747	60	80	65 174	23 015,047	194 369,037	8,445	7,984
11	31	98 856	81 681,317	2 760 976,157	33,802	33,341	61	81	62 276	21 613,134	171 353,989	7,928	7,467
12	32	98 817	80 245,083	2 679 294,841	33,389	32,928	62	82	59 126	20 167,017	149 740,855	7,425	6,964
13	33	98 775	78 831,475	2 599 049,758	32,970	32,508	63	83	55 684	18 666,568	129 573,838	6,941	6,480
14	34	98 731	77 441,320	2 520 218,283	32,544	32,082	64	84	51 929	17 108,382	110 907,270	6,483	6,021
15	35	98 681	76 070,949	2 442 776,963	32,112	31,651	65	85	47 930	15 519,115	93 798,888	6,044	5,583
16	36	98 620	74 716,031	2 366 706,014	31,676	31,215	66	86	43 716	13 911,313	78 279,773	5,627	5,166
17	37	98 550	73 379,237	2 291 989,935	31,235	30,774	67	87	39 316	12 296,023	64 368,461	5,235	4,774
18	38	98 474	72 061,552	2 218 610,698	30,788	30,327	68	88	34 780	10 690,189	52 072,438	4,871	4,410
19	39	98 382	70 755,598	2 146 549,146	30,338	29,876	69	89	30 233	9 132,969	41 382,249	4,531	4,070
20	40	98 278	69 465,384	2 075 793,548	29,882	29,421	70	90	25 784	7 654,878	32 249,280	4,213	3,752
21	41	98 175	68 199,271	2 006 328,163	29,419	28,957	71	91	21 496	6 271,988	24 594,402	3,921	3,460
22	42	98 064	66 950,095	1 938 128,893	28,949	28,488	72	92	17 482	5 013,102	18 322,414	3,655	3,194
23	43	97 944	65 717,966	1 871 178,798	28,473	28,012	73	93	13 823	3 895,737	13 309,312	3,416	2,955
24	44	97 815	64 502,716	1 805 460,831	27,990	27,529	74	94	10 613	2 939,510	9 413,574	3,202	2,741
25	45	97 677	63 304,361	1 740 958,115	27,501	27,040	75	95	7 922	2 156,648	6 474,064	3,002	2,541
26	46	97 529	62 121,216	1 677 653,754	27,006	26,545	76	96	5 706	1 526,531	4 317,416	2,828	2,367
27	47	97 371	60 953,622	1 615 532,538	26,504	26,043	77	97	3 958	1 040,741	2 790,885	2,682	2,220
28	48	97 201	59 800,534	1 554 578,916	25,996	25,535	78	98	2 679	692,325	1 750,144	2,528	2,067
29	49	97 008	58 655,717	1 494 778,383	25,484	25,023	79	99	1 743	442,627	1 057,819	2,390	1,929
30	50	96 797	57 521,424	1 436 122,665	24,967	24,506	80	100	1 088	271,559	615,192	2,265	1,804
31	51	96 568	56 398,073	1 378 601,241	24,444	23,983							
32	52	96 312	55 281,255	1 322 203,168	23,918	23,457							
33	53	96 041	54 177,587	1 266 921,913	23,385	22,923							
34	54	95 736	53 076,574	1 212 744,326	22,849	22,388							
35	55	95 405	51 983,479	1 159 667,752	22,308	21,847							
36	56	95 036	50 891,953	1 107 684,273	21,765	21,304							
37	57	94 631	49 803,504	1 056 792,320	21,219	20,758							
38	58	94 181	48 714,430	1 006 988,816	20,671	20,210							
39	59	93 693	47 628,332	958 274,386	20,120	19,659							
40	60	93 151	46 538,439	910 646,054	19,568	19,106							
41	61	92 559	45 447,220	864 107,615	19,013	18,552							
42	62	91 908	44 351,625	818 660,395	18,458	17,997							
43	63	91 217	43 260,690	774 308,770	17,899	17,437							
44	64	90 455	42 161,886	731 048,080	17,339	16,878							
45	65	89 630	41 058,435	688 886,194	16,778	16,317							
46	66	88 744	39 953,671	647 827,759	16,214	15,753							
47	67	87 786	38 842,334	607 874,088	15,650	15,189							
48	68	86 761	37 728,877	569 031,754	15,082	14,621							
49	69	85 651	36 605,295	531 302,877	14,514	14,053							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	3 732 811,575	37,515	37,054	50	71	83 353	35 010,866	471 689,169	13,473	13,011
1	22	99 149	97 443,608	3 633 308,952	37,286	36,825	51	72	81 938	33 824,335	436 678,302	12,910	12,449
2	23	99 108	95 728,465	3 535 865,345	36,936	36,475	52	73	80 424	32 628,521	402 853,968	12,347	11,885
3	24	99 079	94 054,129	3 440 136,879	36,576	36,115	53	74	78 762	31 404,667	370 225,447	11,789	11,328
4	25	99 051	92 410,350	3 346 082,751	36,209	35,748	54	75	76 980	30 166,260	338 820,780	11,232	10,771
5	26	99 020	90 792,965	3 253 672,401	35,836	35,375	55	76	75 054	28 905,427	308 654,520	10,678	10,217
6	27	98 994	89 207,403	3 162 879,435	35,455	34,994	56	77	72 974	27 621,099	279 749,094	10,128	9,667
7	28	98 964	87 646,841	3 073 672,032	35,069	34,608	57	78	70 776	26 328,388	252 127,995	9,576	9,115
8	29	98 931	86 110,532	2 986 025,191	34,677	34,215	58	79	68 364	24 993,605	225 799,607	9,034	8,573
9	30	98 899	84 602,189	2 899 914,659	34,277	33,816	59	80	65 746	23 623,087	200 806,002	8,500	8,039
10	31	98 863	83 116,929	2 815 312,470	33,872	33,411	60	81	62 876	22 203,502	177 182,915	7,980	7,519
11	32	98 824	81 655,015	2 732 195,541	33,460	32,999	61	82	59 759	20 739,633	154 979,413	7,473	7,011
12	33	98 784	80 218,128	2 650 540,526	33,042	32,580	62	83	56 347	19 219,121	134 239,780	6,985	6,523
13	34	98 740	78 803,866	2 570 322,399	32,617	32,155	63	84	52 611	17 636,250	115 020,659	6,522	6,061
14	35	98 694	77 411,754	2 491 518,532	32,185	31,724	64	85	48 617	16 017,072	97 384,408	6,080	5,619
15	36	98 635	76 035,428	2 414 106,779	31,750	31,289	65	86	44 398	14 375,453	81 367,336	5,660	5,199
16	37	98 573	74 680,450	2 338 071,351	31,308	30,846	66	87	39 988	12 724,977	66 991,883	5,265	4,803
17	38	98 501	73 342,185	2 263 390,900	30,861	30,399	67	88	35 420	11 077,552	54 266,907	4,899	4,438
18	39	98 420	72 021,622	2 190 048,715	30,408	29,947	68	89	30 839	9 478,947	43 189,355	4,556	4,095
19	40	98 318	70 709,562	2 118 027,093	29,954	29,493	69	90	26 339	7 956,585	33 710,407	4,237	3,776
20	41	98 216	69 421,404	2 047 317,531	29,491	29,030	70	91	21 991	6 528,715	25 753,822	3,945	3,483
21	42	98 103	68 149,285	1 977 896,127	29,023	28,562	71	92	17 929	5 231,288	19 225,107	3,675	3,214
22	43	97 985	66 896,076	1 909 746,843	28,548	28,087	72	93	14 196	4 070,911	13 993,819	3,438	2,976
23	44	97 856	65 659,103	1 842 850,767	28,067	27,606	73	94	10 928	3 079,741	9 922,908	3,222	2,761
24	45	97 722	64 441,706	1 777 191,664	27,578	27,117	74	95	8 177	2 265,021	6 843,167	3,021	2,560
25	46	97 572	63 236,267	1 712 749,957	27,085	26,624	75	96	5 908	1 608,312	4 578,146	2,847	2,385
26	47	97 414	62 047,652	1 649 513,690	26,585	26,123	76	97	4 112	1 100,152	2 969,834	2,699	2,238
27	48	97 244	60 874,421	1 587 466,038	26,078	25,617	77	98	2 792	733,992	1 869,682	2,547	2,086
28	49	97 053	59 709,810	1 526 591,617	25,567	25,106	78	99	1 824	471,457	1 135,690	2,409	1,948
29	50	96 845	58 556,937	1 466 881,807	25,051	24,589	79	100	1 145	290,693	664,233	2,285	1,824
30	51	96 619	57 415,360	1 408 324,870	24,529	24,068							
31	52	96 367	56 280,962	1 350 909,510	24,003	23,542							
32	53	96 099	55 159,392	1 294 628,548	23,471	23,009							
33	54	95 803	54 043,304	1 239 469,156	22,935	22,474							
34	55	95 472	52 930,387	1 185 425,852	22,396	21,935							
35	56	95 108	51 821,687	1 132 495,465	21,854	21,392							
36	57	94 715	50 719,857	1 080 673,778	21,307	20,846							
37	58	94 276	49 616,428	1 029 953,922	20,758	20,297							
38	59	93 788	48 511,117	980 337,494	20,209	19,747							
39	60	93 259	47 407,600	931 826,377	19,656	19,194							
40	61	92 674	46 299,845	884 418,777	19,102	18,641							
41	62	92 042	45 193,343	838 118,932	18,545	18,084							
42	63	91 346	44 080,108	792 925,588	17,988	17,527							
43	64	90 600	42 968,240	748 845,480	17,428	16,967							
44	65	89 785	41 849,518	705 877,240	16,867	16,406							
45	66	88 911	40 729,405	664 027,723	16,303	15,842							
46	67	87 967	39 603,766	623 298,317	15,738	15,277							
47	68	86 964	38 478,850	583 694,551	15,169	14,708							
48	69	85 876	37 343,893	545 215,701	14,600	14,139							
49	70	84 662	36 182,640	507 871,808	14,036	13,575							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	3 702 954,799	37,221	36,760	50	72	82 202	34 527,209	448 350,589	12,985	12,524
1	23	99 132	97 427,259	3 603 469,072	36,986	36,525	51	73	80 713	33 318,732	413 823,380	12,420	11,959
2	24	99 092	95 712,808	3 506 041,813	36,631	36,170	52	74	79 078	32 082,448	380 504,648	11,860	11,399
3	25	99 063	94 038,679	3 410 329,005	36,265	35,804	53	75	77 329	30 833,349	348 422,199	11,300	10,839
4	26	99 032	92 392,384	3 316 290,327	35,894	35,432	54	76	75 432	29 559,315	317 588,850	10,744	10,283
5	27	99 003	90 776,782	3 223 897,942	35,515	35,053	55	77	73 391	28 265,206	288 029,535	10,190	9,729
6	28	98 973	89 188,692	3 133 121,160	35,129	34,668	56	78	71 227	26 959,893	259 764,329	9,635	9,174
7	29	98 940	87 625,982	3 043 932,468	34,738	34,277	57	79	68 850	25 612,059	232 804,436	9,090	8,628
8	30	98 906	86 089,283	2 956 306,486	34,340	33,879	58	80	66 257	24 223,592	207 192,378	8,553	8,092
9	31	98 871	84 578,264	2 870 217,202	33,936	33,474	59	81	63 427	22 790,101	182 968,786	8,028	7,567
10	32	98 831	83 090,165	2 785 638,938	33,525	33,064	60	82	60 335	21 306,141	160 178,685	7,518	7,057
11	33	98 791	81 627,586	2 702 548,773	33,108	32,647	61	83	56 950	19 764,823	138 872,544	7,026	6,565
12	34	98 749	80 190,033	2 620 921,187	32,684	32,223	62	84	53 236	18 158,305	119 107,721	6,559	6,098
13	35	98 703	78 773,780	2 540 731,154	32,254	31,792	63	85	49 255	16 511,269	100 949,415	6,114	5,653
14	36	98 647	77 375,607	2 461 957,374	31,818	31,357	64	86	45 034	14 836,714	84 438,146	5,691	5,230
15	37	98 588	75 999,170	2 384 581,767	31,376	30,915	65	87	40 611	13 149,536	69 601,432	5,293	4,832
16	38	98 523	74 642,742	2 308 582,597	30,928	30,467	66	88	36 025	11 463,998	56 451,896	4,924	4,463
17	39	98 446	73 301,546	2 233 939,855	30,476	30,015	67	89	31 407	9 822,421	44 987,898	4,580	4,119
18	40	98 356	71 974,762	2 160 638,309	30,019	29,558	68	90	26 867	8 258,000	35 165,478	4,258	3,797
19	41	98 256	70 664,793	2 088 663,548	29,557	29,096	69	91	22 464	6 786,036	26 907,478	3,965	3,504
20	42	98 144	69 370,522	2 017 998,754	29,090	28,629	70	92	18 342	5 445,417	20 121,442	3,695	3,234
21	43	98 024	68 094,298	1 948 628,232	28,617	28,155	71	93	14 559	4 248,090	14 676,024	3,455	2,994
22	44	97 897	66 836,157	1 880 533,934	28,136	27,675	72	94	11 223	3 218,223	10 427,935	3,240	2,779
23	45	97 763	65 597,000	1 813 697,777	27,649	27,188	73	95	8 420	2 373,074	7 209,712	3,038	2,577
24	46	97 617	64 372,389	1 748 100,777	27,156	26,695	74	96	6 098	1 689,131	4 836,638	2,863	2,402
25	47	97 457	63 161,384	1 683 728,389	26,658	26,196	75	97	4 258	1 159,090	3 147,507	2,715	2,254
26	48	97 287	61 967,030	1 620 567,005	26,152	25,691	76	98	2 900	775,892	1 988,417	2,563	2,102
27	49	97 097	60 782,068	1 558 599,975	25,642	25,181	77	99	1 901	499,831	1 212,524	2,426	1,965
28	50	96 890	59 609,254	1 497 817,908	25,127	24,666	78	100	1 198	309,627	712,693	2,302	1,841
29	51	96 666	58 448,964	1 438 208,653	24,606	24,145							
30	52	96 418	57 296,137	1 379 759,689	24,081	23,620							
31	53	96 155	56 156,895	1 322 463,552	23,549	23,088							
32	54	95 861	55 022,675	1 266 306,657	23,014	22,553							
33	55	95 539	53 894,454	1 211 283,982	22,475	22,014							
34	56	95 175	52 765,647	1 157 389,528	21,935	21,473							
35	57	94 786	51 646,447	1 104 623,881	21,388	20,927							
36	58	94 359	50 529,338	1 052 977,434	20,839	20,378							
37	59	93 882	49 409,350	1 002 448,095	20,289	19,827							
38	60	93 354	48 286,294	953 038,746	19,737	19,276							
39	61	92 781	47 164,550	904 752,452	19,183	18,722							
40	62	92 156	46 041,206	857 587,901	18,627	18,165							
41	63	91 478	44 916,673	811 546,695	18,068	17,607							
42	64	90 728	43 782,118	766 630,022	17,510	17,049							
43	65	89 929	42 649,897	722 847,904	16,948	16,487							
44	66	89 066	41 514,148	680 198,006	16,385	15,924							
45	67	88 133	40 372,707	638 683,858	15,820	15,358							
46	68	87 144	39 233,157	598 311,151	15,250	14,789							
47	69	86 077	38 086,213	559 077,994	14,679	14,218							
48	70	84 884	36 912,709	520 991,782	14,114	13,653							
49	71	83 599	35 728,484	484 079,072	13,549	13,088							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	3 672 222,182	36,918	36,457	50	73	80 973	34 011,100	424 734,947	12,488	12,027
1	24	99 116	97 411,324	3 572 753,146	36,677	36,216	51	74	79 362	32 761,108	390 723,847	11,926	11,465
2	25	99 076	95 697,085	3 475 341,822	36,316	35,855	52	75	77 640	31 498,801	357 962,738	11,364	10,903
3	26	99 043	94 020,396	3 379 644,737	35,946	35,485	53	76	75 774	30 212,983	326 463,938	10,805	10,344
4	27	99 014	92 375,916	3 285 624,341	35,568	35,107	54	77	73 761	28 904,611	296 250,955	10,249	9,788
5	28	98 982	90 757,742	3 193 248,425	35,184	34,723	55	78	71 635	27 588,581	267 346,344	9,690	9,229
6	29	98 949	89 167,466	3 102 490,683	34,794	34,333	56	79	69 289	26 226,382	239 757,763	9,142	8,681
7	30	98 916	87 604,359	3 013 323,217	34,397	33,936	57	80	66 729	24 822,992	213 531,381	8,602	8,141
8	31	98 878	86 064,938	2 925 718,858	33,994	33,533	58	81	63 921	23 369,431	188 708,389	8,075	7,614
9	32	98 839	84 551,030	2 839 653,919	33,585	33,124	59	82	60 864	21 869,033	165 338,957	7,560	7,099
10	33	98 798	83 062,254	2 755 102,889	33,169	32,708	60	83	57 499	20 304,704	143 469,925	7,066	6,605
11	34	98 756	81 598,998	2 672 040,635	32,746	32,285	61	84	53 806	18 673,886	123 165,221	6,596	6,134
12	35	98 711	80 159,417	2 590 441,637	32,316	31,855	62	85	49 841	17 000,023	104 491,335	6,147	5,685
13	36	98 657	78 736,997	2 510 282,220	31,882	31,421	63	86	45 625	15 294,492	87 491,311	5,720	5,259
14	37	98 600	77 338,710	2 431 545,223	31,440	30,979	64	87	41 194	13 571,461	72 196,820	5,320	4,859
15	38	98 538	75 960,796	2 354 206,513	30,992	30,531	65	88	36 587	11 846,486	58 625,358	4,949	4,488
16	39	98 469	74 601,382	2 278 245,717	30,539	30,078	66	89	31 943	10 165,081	46 778,873	4,602	4,141
17	40	98 382	73 253,852	2 203 644,335	30,082	29,621	67	90	27 361	8 557,232	36 613,792	4,279	3,817
18	41	98 293	71 929,192	2 130 390,483	29,618	29,157	68	91	22 914	7 043,107	28 056,560	3,984	3,522
19	42	98 184	70 613,000	2 058 461,291	29,151	28,690	69	92	18 737	5 660,041	21 013,453	3,713	3,251
20	43	98 065	69 314,550	1 987 848,290	28,679	28,217	70	93	14 894	4 421,974	15 353,411	3,472	3,011
21	44	97 936	68 033,307	1 918 533,740	28,200	27,739	71	94	11 510	3 358,290	10 931,437	3,255	2,794
22	45	97 804	66 772,940	1 850 500,434	27,713	27,252	72	95	8 648	2 479,781	7 573,147	3,054	2,593
23	46	97 658	65 526,439	1 783 727,493	27,221	26,760	73	96	6 279	1 769,712	5 093,367	2,878	2,417
24	47	97 501	64 296,160	1 718 201,054	26,723	26,262	74	97	4 395	1 217,335	3 323,655	2,730	2,269
25	48	97 330	63 079,314	1 653 904,894	26,219	25,758	75	98	3 003	817,459	2 106,320	2,577	2,115
26	49	97 140	61 873,019	1 590 825,581	25,711	25,250	76	99	1 975	528,364	1 288,861	2,439	1,978
27	50	96 933	60 679,707	1 528 952,562	25,197	24,736	77	100	1 248	328,262	760,496	2,317	1,856
28	51	96 711	59 499,341	1 468 272,855	24,677	24,216							
29	52	96 466	58 327,594	1 408 773,514	24,153	23,692							
30	53	96 205	57 169,832	1 350 445,920	23,622	23,160							
31	54	95 916	56 017,706	1 293 276,087	23,087	22,626							
32	55	95 597	54 871,128	1 237 258,382	22,548	22,087							
33	56	95 241	53 726,714	1 182 387,254	22,007	21,546							
34	57	94 853	52 587,216	1 128 660,540	21,463	21,001							
35	58	94 430	51 452,448	1 076 073,325	20,914	20,453							
36	59	93 965	50 318,450	1 024 620,877	20,363	19,902							
37	60	93 447	49 180,364	974 302,426	19,811	19,350							
38	61	92 875	48 038,739	925 122,062	19,258	18,797							
39	62	92 262	46 901,080	877 083,323	18,701	18,240							
40	63	91 592	45 759,346	830 182,242	18,142	17,681							
41	64	90 860	44 613,028	784 422,897	17,583	17,122							
42	65	90 056	43 457,746	739 809,868	17,024	16,562							
43	66	89 208	42 308,114	696 352,123	16,459	15,998							
44	67	88 286	41 150,577	654 044,009	15,894	15,433							
45	68	87 308	39 994,902	612 893,432	15,324	14,863							
46	69	86 255	38 832,823	572 898,530	14,753	14,292							
47	70	85 083	37 646,458	534 065,707	14,186	13,725							
48	71	83 819	36 449,390	496 419,249	13,619	13,158							
49	72	82 444	35 234,913	459 969,859	13,054	12,593							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	3 640 616,715	36,606	36,145	50	74	79 618	33 441,888	400 889,769	11,988	11,526
1	25	99 100	97 395,322	3 541 163,948	36,359	35,897	51	75	77 918	32 165,115	367 447,880	11,424	10,963
2	26	99 057	95 678,480	3 443 768,626	35,993	35,532	52	76	76 078	30 865,045	335 282,766	10,863	10,402
3	27	99 026	94 003,638	3 348 090,145	35,617	35,155	53	77	74 095	29 543,801	304 417,720	10,304	9,843
4	28	98 993	92 356,541	3 254 086,508	35,234	34,773	54	78	71 995	28 212,680	274 873,920	9,743	9,282
5	29	98 958	90 736,143	3 161 729,967	34,845	34,384	55	79	69 686	26 837,965	246 661,240	9,191	8,730
6	30	98 925	89 145,463	3 070 993,824	34,449	33,988	56	80	67 155	25 418,390	219 823,275	8,648	8,187
7	31	98 888	87 579,586	2 981 848,361	34,047	33,586	57	81	64 376	23 947,696	194 404,886	8,118	7,657
8	32	98 847	86 037,225	2 894 268,775	33,640	33,179	58	82	61 338	22 424,949	170 457,190	7,601	7,140
9	33	98 806	84 522,628	2 808 231,550	33,225	32,763	59	83	58 003	20 841,138	148 032,241	7,103	6,642
10	34	98 763	83 033,164	2 723 708,922	32,803	32,341	60	84	54 325	19 183,968	127 191,103	6,630	6,169
11	35	98 718	81 567,844	2 640 675,758	32,374	31,913	61	85	50 374	17 482,716	108 007,135	6,178	5,717
12	36	98 665	80 121,988	2 559 107,914	31,940	31,479	62	86	46 168	15 747,228	90 524,418	5,749	5,287
13	37	98 610	78 699,451	2 478 985,927	31,499	31,038	63	87	41 734	13 990,200	74 777,190	5,345	4,884
14	38	98 551	77 299,659	2 400 286,476	31,052	30,591	64	88	37 111	12 226,601	60 786,990	4,972	4,510
15	39	98 484	75 918,705	2 322 986,817	30,598	30,137	65	89	32 442	10 504,231	48 560,389	4,623	4,162
16	40	98 404	74 552,843	2 247 068,111	30,141	29,679	66	90	27 829	8 855,755	38 056,158	4,297	3,836
17	41	98 320	73 207,473	2 172 515,269	29,676	29,215	67	91	23 336	7 298,317	29 200,403	4,001	3,540
18	42	98 221	71 876,473	2 099 307,795	29,207	28,746	68	92	19 112	5 874,457	21 902,086	3,728	3,267
19	43	98 104	70 556,026	2 027 431,323	28,735	28,274	69	93	15 215	4 596,260	16 027,629	3,487	3,026
20	44	97 977	69 252,466	1 956 875,297	28,257	27,796	70	94	11 775	3 495,753	11 431,368	3,270	2,809
21	45	97 844	67 968,957	1 887 622,831	27,772	27,311	71	95	8 869	2 587,709	7 935,616	3,067	2,605
22	46	97 699	66 701,115	1 819 653,874	27,281	26,820	72	96	6 449	1 849,287	5 347,907	2,892	2,431
23	47	97 542	65 448,844	1 752 952,759	26,784	26,322	73	97	4 525	1 275,409	3 498,620	2,743	2,282
24	48	97 375	64 212,615	1 687 503,915	26,280	25,819	74	98	3 100	858,537	2 223,211	2,590	2,128
25	49	97 182	62 983,616	1 623 291,300	25,773	25,312	75	99	2 045	556,670	1 364,674	2,451	1,990
26	50	96 976	61 768,821	1 560 307,684	25,260	24,799	76	100	1 297	347,001	808,004	2,329	1,867
27	51	96 755	60 567,819	1 498 538,864	24,742	24,280							
28	52	96 510	59 375,790	1 437 971,044	24,218	23,757							
29	53	96 253	58 199,016	1 378 595,254	23,688	23,226							
30	54	95 967	57 028,132	1 320 396,238	23,153	22,692							
31	55	95 652	55 863,418	1 263 368,106	22,615	22,154							
32	56	95 300	54 700,348	1 207 504,689	22,075	21,614							
33	57	94 919	53 545,032	1 152 804,341	21,530	21,068							
34	58	94 497	52 389,683	1 099 259,308	20,982	20,521							
35	59	94 036	51 237,707	1 046 869,626	20,432	19,970							
36	60	93 530	50 085,251	995 631,918	19,879	19,418							
37	61	92 968	48 928,226	945 546,667	19,325	18,864							
38	62	92 356	47 770,386	896 618,441	18,769	18,308							
39	63	91 698	46 613,956	848 848,055	18,210	17,749							
40	64	90 973	45 450,004	802 234,099	17,651	17,190							
41	65	90 187	44 282,500	756 784,095	17,090	16,629							
42	66	89 334	43 109,489	712 501,596	16,528	16,067							
43	67	88 427	41 937,590	669 392,107	15,962	15,500							
44	68	87 460	40 765,493	627 454,518	15,392	14,931							
45	69	86 417	39 586,795	586 689,025	14,820	14,359							
46	70	85 259	38 384,448	547 102,230	14,253	13,792							
47	71	84 015	37 173,929	508 717,782	13,685	13,224							
48	72	82 661	35 945,860	471 543,854	13,118	12,657							
49	73	81 212	34 708,225	435 597,994	12,550	12,089							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	3 608 140,944	36,286	35,825	50	75	78 170	32 833,510	376 884,252	11,479	11,017
1	26	99 080	97 376,387	3 508 704,514	36,032	35,571	51	76	76 351	31 517,953	344 050,743	10,916	10,455
2	27	99 039	95 661,427	3 411 328,127	35,660	35,199	52	77	74 393	30 181,421	312 532,790	10,355	9,894
3	28	99 005	93 983,921	3 315 666,700	35,279	34,818	53	78	72 322	28 836,568	282 351,369	9,791	9,330
4	29	98 970	92 334,561	3 221 682,779	34,891	34,430	54	79	70 036	27 445,084	253 514,800	9,237	8,776
5	30	98 934	90 713,752	3 129 348,218	34,497	34,036	55	80	67 539	26 011,130	226 069,717	8,691	8,230
6	31	98 897	89 120,253	3 038 634,466	34,096	33,635	56	81	64 787	24 522,099	200 058,586	8,158	7,697
7	32	98 856	87 551,385	2 949 514,213	33,689	33,228	57	82	61 774	22 979,843	175 536,488	7,639	7,178
8	33	98 813	86 008,325	2 861 962,828	33,275	32,814	58	83	58 455	21 370,925	152 556,645	7,139	6,677
9	34	98 771	84 493,026	2 775 954,503	32,854	32,393	59	84	54 802	19 690,793	131 185,720	6,662	6,201
10	35	98 726	83 001,462	2 691 461,477	32,427	31,965	60	85	50 860	17 960,261	111 494,926	6,208	5,747
11	36	98 672	81 529,757	2 608 460,014	31,994	31,533	61	86	46 662	16 194,350	93 534,665	5,776	5,315
12	37	98 618	80 083,781	2 526 930,257	31,554	31,092	62	87	42 231	14 404,328	77 340,316	5,369	4,908
13	38	98 560	78 659,713	2 446 846,477	31,107	30,646	63	88	37 599	12 603,845	62 935,988	4,993	4,532
14	39	98 496	77 256,827	2 368 186,764	30,653	30,192	64	89	32 907	10 841,277	50 332,143	4,643	4,181
15	40	98 420	75 869,309	2 290 929,937	30,196	29,735	65	90	28 263	9 151,221	39 490,866	4,315	3,854
16	41	98 342	74 505,641	2 215 060,628	29,730	29,269	66	91	23 735	7 552,923	30 339,645	4,017	3,556
17	42	98 248	73 153,816	2 140 554,987	29,261	28,800	67	92	19 464	6 087,320	22 786,723	3,743	3,282
18	43	98 142	71 818,479	2 067 401,170	28,786	28,325	68	93	15 520	4 770,378	16 699,402	3,501	3,039
19	44	98 016	70 492,829	1 995 582,691	28,309	27,848	69	94	12 028	3 633,533	11 929,024	3,283	2,822
20	45	97 884	69 186,963	1 925 089,862	27,824	27,363	70	95	9 073	2 693,630	8 295,491	3,080	2,618
21	46	97 739	67 895,846	1 855 902,899	27,335	26,873	71	96	6 614	1 929,774	5 601,861	2,903	2,442
22	47	97 583	66 622,128	1 788 007,053	26,838	26,377	72	97	4 648	1 332,758	3 672,087	2,755	2,294
23	48	97 416	65 363,802	1 721 384,925	26,335	25,874	73	98	3 192	899,494	2 339,329	2,601	2,140
24	49	97 227	64 115,198	1 656 021,123	25,829	25,368	74	99	2 111	584,643	1 439,835	2,463	2,002
25	50	97 019	62 877,547	1 591 905,926	25,318	24,856	75	100	1 343	365,590	855,192	2,339	1,878
26	51	96 797	61 654,925	1 529 028,379	24,800	24,339							
27	52	96 554	60 442,050	1 467 373,454	24,277	23,816							
28	53	96 297	59 244,901	1 406 931,404	23,748	23,287							
29	54	96 014	58 054,765	1 347 686,503	23,214	22,753							
30	55	95 703	56 871,061	1 289 631,738	22,676	22,215							
31	56	95 354	55 689,549	1 232 760,677	22,136	21,675							
32	57	94 977	54 515,374	1 177 071,127	21,592	21,130							
33	58	94 563	53 343,902	1 122 555,753	21,044	20,583							
34	59	94 102	52 171,031	1 069 211,852	20,494	20,033							
35	60	93 600	51 000,248	1 017 040,821	19,942	19,481							
36	61	93 050	49 828,474	966 040,573	19,387	18,926							
37	62	92 449	48 654,904	916 212,099	18,831	18,370							
38	63	91 791	47 477,940	867 557,196	18,273	17,812							
39	64	91 078	46 298,837	820 079,256	17,713	17,252							
40	65	90 299	45 113,274	773 780,419	17,152	16,691							
41	66	89 464	43 927,633	728 667,145	16,588	16,127							
42	67	88 552	42 731,946	684 739,512	16,024	15,563							
43	68	87 599	41 545,140	642 007,566	15,453	14,992							
44	69	86 567	40 349,523	600 462,425	14,882	14,420							
45	70	85 419	39 129,714	560 112,902	14,314	13,853							
46	71	84 189	37 902,655	520 983,188	13,745	13,284							
47	72	82 854	36 660,390	483 080,533	13,177	12,716							
48	73	81 425	35 408,545	446 420,143	12,608	12,146							
49	74	79 853	34 127,346	411 011,599	12,043	11,582							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	39 632,827	840 721,309	21,213	20,752
1	0	99 661	97 947,324	4 061 801,581	41,469	41,008	51	50	93 896	38 760,631	801 088,482	20,668	20,206
2	1	99 349	95 961,150	3 963 854,257	41,307	40,846	52	51	93 387	37 887,699	762 327,851	20,121	19,660
3	2	99 314	94 277,194	3 867 893,107	41,027	40,566	53	52	92 821	37 010,262	724 440,152	19,574	19,113
4	3	99 289	92 632,562	3 773 615,913	40,737	40,276	54	53	92 198	36 129,712	687 429,890	19,027	18,566
5	4	99 268	91 019,910	3 680 983,351	40,442	39,980	55	54	91 509	35 242,909	651 300,178	18,480	18,019
6	5	99 250	89 438,093	3 589 963,441	40,139	39,678	56	55	90 738	34 344,938	616 057,270	17,937	17,476
7	6	99 234	87 885,959	3 500 525,348	39,830	39,369	57	56	89 883	33 436,056	581 712,332	17,398	16,937
8	7	99 217	86 359,707	3 412 639,389	39,517	39,055	58	57	88 946	32 518,339	548 276,276	16,861	16,399
9	8	99 205	84 863,899	3 326 279,682	39,195	38,734	59	58	87 927	31 593,086	515 757,937	16,325	15,864
10	9	99 190	83 391,618	3 241 415,783	38,870	38,409	60	59	86 799	30 651,443	484 164,851	15,796	15,335
11	10	99 177	81 946,905	3 158 024,165	38,537	38,076	61	60	85 572	29 698,177	453 513,408	15,271	14,810
12	11	99 165	80 527,456	3 076 077,260	38,199	37,738	62	61	84 231	28 730,166	423 815,230	14,752	14,290
13	12	99 148	79 129,371	2 995 549,804	37,856	37,395	63	62	82 776	27 748,290	395 085,065	14,238	13,777
14	13	99 133	77 756,282	2 916 420,433	37,507	37,046	64	63	81 204	26 752,971	367 336,775	13,731	13,269
15	14	99 113	76 403,471	2 838 664,150	37,154	36,692	65	64	79 515	25 746,010	340 583,804	13,229	12,767
16	15	99 088	75 070,810	2 762 260,680	36,795	36,334	66	65	77 714	24 730,160	314 837,794	12,731	12,270
17	16	99 054	73 754,255	2 687 189,870	36,434	35,973	67	66	75 796	23 705,019	290 107,634	12,238	11,777
18	17	99 015	72 457,162	2 613 435,616	36,069	35,607	68	67	73 774	22 675,751	266 402,615	11,748	11,287
19	18	98 964	71 174,253	2 540 978,453	35,701	35,240	69	68	71 648	21 643,640	243 726,864	11,261	10,800
20	19	98 908	69 910,550	2 469 804,200	35,328	34,867	70	69	69 422	20 610,455	222 083,233	10,775	10,314
21	20	98 851	68 668,517	2 399 893,650	34,949	34,488	71	70	67 076	19 571,377	201 472,768	10,294	9,833
22	21	98 795	67 449,148	2 331 225,134	34,563	34,102	72	71	64 582	18 519,686	181 901,391	9,822	9,361
23	22	98 737	66 250,048	2 263 775,986	34,170	33,709	73	72	62 016	17 477,944	163 381,706	9,348	8,887
24	23	98 678	65 072,333	2 197 525,938	33,771	33,309	74	73	59 328	16 432,754	145 903,761	8,879	8,418
25	24	98 617	63 913,403	2 132 453,605	33,365	32,904	75	74	56 516	15 384,647	129 471,007	8,416	7,954
26	25	98 557	62 776,098	2 068 540,202	32,951	32,490	76	75	53 588	14 336,707	114 086,360	7,958	7,496
27	26	98 495	61 657,234	2 005 764,104	32,531	32,070	77	76	50 543	13 289,614	99 749,653	7,506	7,045
28	27	98 433	60 558,741	1 944 106,871	32,103	31,642	78	77	47 434	12 257,543	86 460,039	7,054	6,592
29	28	98 367	59 477,184	1 883 548,130	31,668	31,207	79	78	44 228	11 232,510	74 202,496	6,606	6,145
30	29	98 295	58 411,493	1 824 070,945	31,228	30,767	80	79	40 896	10 207,679	62 969,986	6,169	5,708
31	30	98 219	57 362,397	1 765 659,453	30,781	30,320	81	80	37 425	9 180,639	52 762,307	5,747	5,286
32	31	98 135	56 327,548	1 708 297,055	30,328	29,867	82	81	33 859	8 163,152	43 581,668	5,339	4,878
33	32	98 043	55 307,136	1 651 969,507	29,869	29,408	83	82	30 236	7 164,230	35 418,515	4,944	4,483
34	33	97 941	54 299,553	1 596 662,371	29,405	28,944	84	83	26 539	6 179,980	28 254,285	4,572	4,111
35	34	97 838	53 309,474	1 542 362,818	28,932	28,471	85	84	22 828	5 224,401	22 074,305	4,225	3,764
36	35	97 727	52 333,060	1 489 053,343	28,453	27,992	86	85	19 194	4 317,140	16 849,905	3,903	3,442
37	36	97 595	51 363,567	1 436 720,283	27,972	27,510	87	86	15 740	3 479,531	12 532,764	3,602	3,141
38	37	97 451	50 405,759	1 385 356,717	27,484	27,023	88	87	12 540	2 724,440	9 053,233	3,323	2,862
39	38	97 303	49 463,508	1 334 950,957	26,989	26,527	89	88	9 640	2 058,295	6 328,793	3,075	2,614
40	39	97 137	48 529,749	1 285 487,450	26,489	26,027	90	89	7 136	1 497,396	4 270,498	2,852	2,391
41	40	96 954	47 605,065	1 236 957,701	25,984	25,523	91	90	5 077	1 046,968	2 773,102	2,649	2,187
42	41	96 752	46 688,850	1 189 352,636	25,474	25,013	92	91	3 461	701,467	1 726,134	2,461	2,000
43	42	96 544	45 787,353	1 142 663,787	24,956	24,495	93	92	2 240	446,244	1 024,667	2,296	1,835
44	43	96 312	44 891,845	1 096 876,433	24,434	23,973	94	93	1 374	268,906	578,423	2,151	1,690
45	44	96 059	44 003,804	1 051 984,588	23,907	23,445	95	94	793	152,536	309,517	2,029	1,568
46	45	95 788	43 124,877	1 007 980,784	23,374	22,912	96	95	433	81,909	156,981	1,917	1,455
47	46	95 488	42 250,251	964 855,907	22,837	22,375	97	96	221	41,149	75,072	1,824	1,363
48	47	95 152	41 377,714	922 605,657	22,297	21,836	98	97	106	19,442	33,923	1,745	1,284
49	48	94 779	40 506,633	881 227,942	21,755	21,294	99	98	49	8,732	14,481	1,658	1,197
							100	99	21	3,619	5,749	1,589	1,127

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	39 693,045	849 355,629	21,398	20,937
1							51	49	94 054	38 826,017	809 662,584	20,854	20,392
2	0	99 637	96 239,462	3 973 587,988	41,289	40,827	52	50	93 560	37 957,689	770 836,567	20,308	19,847
3	1	99 336	94 298,167	3 877 348,526	41,118	40,657	53	51	93 014	37 087,274	732 878,878	19,761	19,300
4	2	99 302	92 644,736	3 783 050,359	40,834	40,373	54	52	92 402	36 209,533	695 791,604	19,216	18,754
5	3	99 278	91 028,985	3 690 405,623	40,541	40,080	55	53	91 737	35 330,478	659 582,071	18,669	18,208
6	4	99 259	89 446,327	3 599 376,638	40,241	39,779	56	54	90 989	34 439,795	624 251,593	18,126	17,665
7	5	99 241	87 891,931	3 509 930,311	39,935	39,473	57	55	90 163	33 540,447	589 811,799	17,585	17,124
8	6	99 224	86 366,013	3 422 038,380	39,623	39,161	58	56	89 247	32 628,676	556 271,352	17,049	16,587
9	7	99 210	84 867,941	3 335 672,367	39,304	38,843	59	57	88 259	31 712,207	523 642,676	16,512	16,051
10	8	99 197	83 397,628	3 250 804,426	38,980	38,518	60	58	87 163	30 779,905	491 930,470	15,982	15,521
11	9	99 182	81 951,261	3 167 406,798	38,650	38,189	61	59	85 970	29 836,453	461 150,565	15,456	14,995
12	10	99 170	80 531,933	3 085 455,537	38,313	37,852	62	60	84 665	28 878,219	431 314,111	14,936	14,474
13	11	99 156	79 135,457	3 004 923,603	37,972	37,511	63	61	83 241	27 904,168	402 435,893	14,422	13,961
14	12	99 139	77 761,197	2 925 788,147	37,625	37,164	64	62	81 704	26 917,759	374 531,725	13,914	13,453
15	13	99 121	76 409,510	2 848 026,950	37,273	36,812	65	63	80 056	25 921,243	347 613,966	13,410	12,949
16	14	99 097	75 077,736	2 771 617,440	36,917	36,455	66	64	78 294	24 914,749	321 692,723	12,912	12,451
17	15	99 066	73 762,794	2 696 539,705	36,557	36,096	67	65	76 408	23 896,518	296 777,975	12,419	11,958
18	16	99 028	72 466,426	2 622 776,910	36,193	35,732	68	66	74 426	22 876,095	272 881,457	11,929	11,467
19	17	98 977	71 183,482	2 550 310,484	35,827	35,366	69	67	72 325	21 848,093	250 005,362	11,443	10,982
20	18	98 924	69 921,900	2 479 127,002	35,456	34,994	70	68	70 138	20 822,932	228 157,269	10,957	10,496
21	19	98 867	68 679,805	2 409 205,102	35,079	34,618	71	69	67 859	19 799,993	207 334,337	10,471	10,010
22	20	98 811	67 460,190	2 340 525,297	34,695	34,234	72	70	65 403	18 755,095	187 534,344	9,999	9,538
23	21	98 753	66 261,299	2 273 065,107	34,305	33,843	73	71	62 885	17 722,775	168 779,248	9,523	9,062
24	22	98 695	65 083,253	2 206 803,808	33,907	33,446	74	72	60 228	16 682,117	151 056,473	9,055	8,594
25	23	98 633	63 923,858	2 141 720,555	33,504	33,043	75	73	57 478	15 646,508	134 374,356	8,588	8,127
26	24	98 574	62 786,411	2 077 796,697	33,093	32,632	76	74	54 581	14 602,355	118 727,848	8,131	7,670
27	25	98 514	61 669,223	2 015 010,286	32,674	32,213	77	75	51 581	13 562,491	104 125,494	7,677	7,216
28	26	98 451	60 569,537	1 953 341,063	32,250	31,788	78	76	48 508	12 535,183	90 563,003	7,225	6,764
29	27	98 387	59 489,662	1 892 771,526	31,817	31,356	79	77	45 313	11 507,993	78 027,820	6,780	6,319
30	28	98 318	58 425,398	1 833 281,864	31,378	30,917	80	78	42 040	10 493,172	66 519,827	6,339	5,878
31	29	98 243	57 376,556	1 774 856,466	30,933	30,472	81	79	38 615	9 472,471	56 026,655	5,915	5,453
32	30	98 162	56 343,481	1 717 479,910	30,482	30,021	82	80	35 097	8 461,518	46 554,184	5,502	5,041
33	31	98 075	55 324,951	1 661 136,429	30,025	29,564	83	81	31 510	7 465,969	38 092,665	5,102	4,641
34	32	97 974	54 317,799	1 605 811,478	29,563	29,102	84	82	27 848	6 484,779	30 626,696	4,723	4,262
35	33	97 873	53 328,151	1 551 493,679	29,093	28,632	85	83	24 161	5 529,613	24 141,917	4,366	3,905
36	34	97 764	52 353,048	1 498 165,528	28,617	28,155	86	84	20 501	4 611,285	18 612,304	4,036	3,575
37	35	97 641	51 387,561	1 445 812,480	28,135	27,674	87	85	16 993	3 756,350	14 001,019	3,727	3,266
38	36	97 498	50 429,807	1 394 424,918	27,651	27,190	88	86	13 709	2 978,437	10 244,669	3,440	2,978
39	37	97 352	49 488,496	1 343 995,111	27,158	26,697	89	87	10 700	2 284,697	7 266,232	3,180	2,719
40	38	97 191	48 556,654	1 294 506,615	26,660	26,199	90	88	8 047	1 688,736	4 981,535	2,950	2,489
41	39	97 017	47 636,059	1 245 949,961	26,156	25,694	91	89	5 827	1 201,762	3 292,799	2,740	2,279
42	40	96 813	46 718,428	1 198 313,902	25,650	25,189	92	90	4 058	822,465	2 091,036	2,542	2,081
43	41	96 615	45 820,937	1 151 595,473	25,133	24,671	93	91	2 686	535,019	1 268,571	2,371	1,910
44	42	96 390	44 928,095	1 105 774,536	24,612	24,151	94	92	1 691	331,143	733,552	2,215	1,754
45	43	96 145	44 043,253	1 060 846,441	24,086	23,625	95	93	1 003	192,951	402,409	2,086	1,624
46	44	95 879	43 165,705	1 016 803,188	23,556	23,095	96	94	562	106,301	209,458	1,970	1,509
47	45	95 590	42 295,747	973 637,482	23,020	22,559	97	95	297	55,178	103,157	1,870	1,408
48	46	95 265	41 426,772	931 341,735	22,482	22,020	98	96	148	26,977	47,979	1,779	1,317
49	47	94 902	40 559,335	889 914,964	21,941	21,480	99	97	69	12,381	21,002	1,696	1,235
							100	98	30	5,315	8,621	1,622	1,161

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	39 744,688	857 341,554	21,571	21,110
1							51	48	94 197	38 885,010	817 596,865	21,026	20,565
2							52	49	93 718	38 021,720	778 711,855	20,481	20,020
3	0	99 624	94 571,656	3 886 362,277	41,094	40,633	53	50	93 186	37 155,785	740 690,135	19,935	19,474
4	1	99 324	92 665,346	3 791 790,620	40,919	40,458	54	51	92 594	36 284,878	703 534,350	19,389	18,928
5	2	99 291	91 040,948	3 699 125,275	40,631	40,170	55	52	91 939	35 408,533	667 249,472	18,844	18,383
6	3	99 269	89 455,246	3 608 084,327	40,334	39,873	56	53	91 215	34 525,368	631 840,938	18,301	17,840
7	4	99 250	87 900,022	3 518 629,081	40,030	39,569	57	54	90 412	33 633,081	597 315,570	17,760	17,299
8	5	99 231	86 371,882	3 430 729,059	39,720	39,259	58	55	89 526	32 730,546	563 682,489	17,222	16,761
9	6	99 217	84 874,138	3 344 357,177	39,404	38,943	59	56	88 558	31 819,808	530 951,943	16,686	16,225
10	7	99 202	83 401,601	3 259 483,039	39,082	38,621	60	57	87 492	30 895,959	499 132,135	16,155	15,694
11	8	99 189	81 957,168	3 176 081,438	38,753	38,292	61	58	86 330	29 961,500	468 236,176	15,628	15,167
12	9	99 175	80 536,214	3 094 124,270	38,419	37,958	62	59	85 059	29 012,677	438 274,676	15,106	14,645
13	10	99 161	79 139,856	3 013 588,057	38,079	37,618	63	60	83 670	28 047,964	409 261,999	14,592	14,130
14	11	99 147	77 767,177	2 934 448,200	37,734	37,273	64	61	82 163	27 068,971	381 214,035	14,083	13,622
15	12	99 127	76 414,339	2 856 681,023	37,384	36,923	65	62	80 549	26 080,908	354 145,064	13,579	13,118
16	13	99 105	75 083,670	2 780 266,684	37,029	36,568	66	63	78 827	25 084,323	328 064,156	13,078	12,617
17	14	99 075	73 769,599	2 705 183,014	36,671	36,209	67	64	76 979	24 074,884	302 979,833	12,585	12,124
18	15	99 039	72 474,817	2 631 413,415	36,308	35,847	68	65	75 027	23 060,898	278 904,949	12,094	11,633
19	16	98 989	71 192,584	2 558 938,598	35,944	35,483	69	66	72 964	22 041,124	255 844,051	11,608	11,146
20	17	98 937	69 930,966	2 487 746,014	35,574	35,113	70	67	70 800	21 019,632	233 802,927	11,123	10,662
21	18	98 883	68 690,955	2 417 815,048	35,198	34,737	71	68	68 559	20 004,115	212 783,295	10,637	10,176
22	19	98 827	67 471,280	2 349 124,092	34,817	34,355	72	69	66 167	18 974,177	192 779,180	10,160	9,699
23	20	98 769	66 272,146	2 281 652,812	34,429	33,967	73	70	63 684	17 948,055	173 805,003	9,684	9,223
24	21	98 712	65 094,305	2 215 380,666	34,033	33,572	74	71	61 072	16 915,800	155 856,948	9,214	8,752
25	22	98 650	63 934,585	2 150 286,361	33,633	33,171	75	72	58 350	15 883,939	138 941,148	8,747	8,286
26	23	98 590	62 796,682	2 086 351,775	33,224	32,763	76	73	55 510	14 850,900	123 057,208	8,286	7,825
27	24	98 530	61 679,355	2 023 555,093	32,808	32,346	77	74	52 537	13 813,793	108 206,308	7,833	7,372
28	25	98 470	60 581,315	1 961 875,738	32,384	31,923	78	75	49 504	12 792,569	94 392,515	7,379	6,917
29	26	98 405	59 500,267	1 901 294,423	31,954	31,493	79	76	46 339	11 768,655	81 599,947	6,934	6,472
30	27	98 339	58 437,655	1 841 794,156	31,517	31,056	80	77	43 071	10 750,523	69 831,292	6,496	6,034
31	28	98 266	57 390,214	1 783 356,501	31,074	30,613	81	78	39 695	9 737,401	59 080,769	6,067	5,606
32	29	98 187	56 357,388	1 725 966,287	30,625	30,164	82	79	36 213	8 730,491	49 343,368	5,652	5,191
33	30	98 102	55 340,601	1 669 608,899	30,170	29,708	83	80	32 661	7 738,853	40 612,877	5,248	4,787
34	31	98 006	54 335,295	1 614 268,298	29,709	29,248	84	81	29 020	6 757,902	32 874,024	4,865	4,403
35	32	97 905	53 346,071	1 559 933,003	29,242	28,781	85	82	25 353	5 802,336	26 116,122	4,501	4,040
36	33	97 799	52 371,390	1 506 586,932	28,767	28,306	86	83	21 699	4 880,678	20 313,786	4,162	3,701
37	34	97 678	51 407,188	1 454 215,543	28,288	27,827	87	84	18 150	4 012,286	15 433,108	3,846	3,385
38	35	97 543	50 453,366	1 402 808,354	27,804	27,343	88	85	14 800	3 215,391	11 420,822	3,552	3,091
39	36	97 399	49 512,106	1 352 354,989	27,314	26,852	89	86	11 698	2 497,697	8 205,431	3,285	2,824
40	37	97 240	48 581,185	1 302 842,882	26,818	26,357	90	87	8 933	1 874,488	5 707,734	3,045	2,584
41	38	97 071	47 662,469	1 254 261,698	26,315	25,854	91	88	6 572	1 355,326	3 833,246	2,828	2,367
42	39	96 876	46 748,845	1 206 599,229	25,810	25,349	92	89	4 658	944,067	2 477,920	2,625	2,164
43	40	96 676	45 849,966	1 159 850,383	25,297	24,835	93	90	3 149	627,306	1 533,852	2,445	1,984
44	41	96 461	44 961,049	1 114 000,417	24,777	24,316	94	91	2 028	397,020	906,546	2,283	1,822
45	42	96 223	44 078,818	1 069 039,368	24,253	23,792	95	92	1 235	237,609	509,527	2,144	1,683
46	43	95 965	43 204,403	1 024 960,550	23,724	23,262	96	93	711	134,466	271,918	2,022	1,561
47	44	95 681	42 335,790	981 756,146	23,190	22,729	97	94	385	71,610	137,452	1,919	1,458
48	45	95 368	41 471,381	939 420,356	22,652	22,191	98	95	198	36,174	65,842	1,820	1,359
49	46	95 015	40 607,422	897 948,975	22,113	21,652	99	96	96	17,180	29,668	1,727	1,266
							100	97	43	7,536	12,489	1,657	1,196

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	39 791,810	864 712,800	21,731	21,270
1							51	47	94 320	38 935,602	824 920,990	21,187	20,726
2							52	48	93 860	38 079,491	785 985,389	20,641	20,179
3							53	49	93 343	37 218,464	747 905,898	20,095	19,634
4	0	99 612	92 934,099	3 800 123,952	40,891	40,429	54	50	92 765	36 351,908	710 687,435	19,550	19,089
5	1	99 313	91 061,201	3 707 189,853	40,711	40,250	55	51	92 131	35 482,212	674 335,527	19,005	18,544
6	2	99 282	89 467,002	3 616 128,651	40,419	39,957	56	52	91 416	34 601,645	638 853,314	18,463	18,002
7	3	99 260	87 908,787	3 526 661,650	40,117	39,656	57	53	90 637	33 716,651	604 251,669	17,921	17,460
8	4	99 240	86 379,833	3 438 752,863	39,810	39,348	58	54	89 773	32 820,943	570 535,019	17,383	16,922
9	5	99 224	84 879,905	3 352 373,030	39,495	39,034	59	55	88 835	31 919,153	537 714,075	16,846	16,385
10	6	99 209	83 407,691	3 267 493,124	39,175	38,714	60	56	87 789	31 000,791	505 794,923	16,316	15,854
11	7	99 194	81 961,071	3 184 085,434	38,849	38,388	61	57	86 656	30 074,468	474 794,131	15,787	15,326
12	8	99 183	80 542,018	3 102 124,362	38,516	38,054	62	58	85 416	29 134,271	444 719,663	15,264	14,803
13	9	99 167	79 144,063	3 021 582,344	38,178	37,717	63	59	84 060	28 178,557	415 585,392	14,748	14,287
14	10	99 152	77 771,501	2 942 438,281	37,834	37,373	64	60	82 586	27 208,464	387 406,836	14,238	13,777
15	11	99 134	76 420,216	2 864 666,780	37,486	37,025	65	61	81 001	26 227,419	360 198,372	13,734	13,272
16	12	99 111	75 088,415	2 788 246,564	37,133	36,672	66	62	79 312	25 238,833	333 970,953	13,232	12,771
17	13	99 082	73 775,431	2 713 158,149	36,776	36,315	67	63	77 503	24 238,742	308 732,120	12,737	12,276
18	14	99 048	72 481,503	2 639 382,718	36,415	35,953	68	64	75 587	23 233,027	284 493,377	12,245	11,784
19	15	99 001	71 200,827	2 566 901,215	36,052	35,590	69	65	73 553	22 219,182	261 260,351	11,758	11,297
20	16	98 949	69 939,907	2 495 700,388	35,683	35,222	70	66	71 426	21 205,343	239 041,169	11,273	10,811
21	17	98 896	68 699,863	2 425 760,481	35,310	34,848	71	67	69 206	20 193,080	217 835,826	10,788	10,326
22	18	98 843	67 482,234	2 357 060,618	34,929	34,467	72	68	66 849	19 169,785	197 642,745	10,310	9,849
23	19	98 786	66 283,041	2 289 578,384	34,542	34,081	73	69	64 428	18 157,709	178 472,960	9,829	9,368
24	20	98 728	65 104,962	2 223 295,343	34,149	33,688	74	70	61 848	17 130,822	160 315,251	9,358	8,897
25	21	98 667	63 945,443	2 158 190,381	33,750	33,289	75	71	59 167	16 106,442	143 184,429	8,890	8,429
26	22	98 606	62 807,220	2 094 244,938	33,344	32,883	76	72	56 352	15 076,258	127 077,987	8,429	7,968
27	23	98 546	61 689,445	2 031 437,718	32,930	32,469	77	73	53 431	14 048,916	112 001,729	7,972	7,511
28	24	98 486	60 591,268	1 969 748,274	32,509	32,048	78	74	50 422	13 029,605	97 952,812	7,518	7,057
29	25	98 424	59 511,837	1 909 157,005	32,080	31,619	79	75	47 290	12 010,302	84 923,208	7,071	6,610
30	26	98 356	58 448,072	1 849 645,168	31,646	31,185	80	76	44 046	10 994,028	72 912,905	6,632	6,171
31	27	98 287	57 402,254	1 791 197,096	31,204	30,743	81	77	40 668	9 976,216	61 918,878	6,207	5,745
32	28	98 210	56 370,804	1 733 794,842	30,757	30,296	82	78	37 226	8 974,669	51 942,662	5,788	5,326
33	29	98 127	55 354,260	1 677 424,038	30,303	29,842	83	79	33 700	7 984,854	42 967,993	5,381	4,920
34	30	98 034	54 350,665	1 622 069,778	29,845	29,383	84	80	30 081	7 004,905	34 983,139	4,994	4,533
35	31	97 937	53 363,254	1 567 719,113	29,378	28,917	85	81	26 421	6 046,715	27 978,234	4,627	4,166
36	32	97 832	52 388,988	1 514 355,859	28,906	28,445	86	82	22 769	5 121,396	21 931,519	4,282	3,821
37	33	97 712	51 425,199	1 461 966,871	28,429	27,968	87	83	19 211	4 246,686	16 810,123	3,958	3,497
38	34	97 581	50 472,636	1 410 541,672	27,947	27,485	88	84	15 808	3 434,469	12 563,437	3,658	3,197
39	35	97 444	49 535,236	1 360 069,037	27,457	26,995	89	85	12 628	2 696,405	9 128,968	3,386	2,924
40	36	97 286	48 604,362	1 310 533,800	26,963	26,502	90	86	9 765	2 049,245	6 432,563	3,139	2,678
41	37	97 120	47 686,547	1 261 929,438	26,463	26,002	91	87	7 295	1 504,405	4 383,319	2,914	2,452
42	38	96 930	46 774,764	1 214 242,891	25,959	25,498	92	88	5 253	1 064,702	2 878,914	2,704	2,243
43	39	96 739	45 879,818	1 167 468,127	25,446	24,985	93	89	3 615	720,053	1 814,211	2,520	2,058
44	40	96 522	44 989,533	1 121 588,310	24,930	24,469	94	90	2 378	465,503	1 094,158	2,350	1,889
45	41	96 294	44 111,149	1 076 598,776	24,407	23,945	95	91	1 481	284,878	628,655	2,207	1,746
46	42	96 042	43 239,291	1 032 487,627	23,878	23,417	96	92	876	165,587	343,776	2,076	1,615
47	43	95 767	42 373,744	989 248,336	23,346	22,885	97	93	487	90,583	178,189	1,967	1,506
48	44	95 458	41 510,644	946 874,592	22,810	22,349	98	94	257	46,946	87,606	1,866	1,405
49	45	95 117	40 651,149	905 363,948	22,272	21,810	99	95	128	23,037	40,660	1,765	1,304
							100	96	59	10,456	17,623	1,685	1,224

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	39 834,658	871 504,580	21,878	21,417
1							51	46	94 431	38 981,763	831 669,922	21,335	20,874
2							52	47	93 982	38 129,034	792 688,159	20,790	20,328
3							53	48	93 485	37 275,014	754 559,124	20,243	19,782
4							54	49	92 922	36 413,230	717 284,111	19,698	19,237
5	0	99 601	91 325,302	3 714 883,461	40,677	40,216	55	50	92 301	35 547,759	680 870,881	19,154	18,692
6	1	99 304	89 486,905	3 623 558,159	40,493	40,031	56	51	91 607	34 673,645	645 323,122	18,611	18,150
7	2	99 273	87 920,340	3 534 071,254	40,196	39,735	57	52	90 837	33 791,141	610 649,477	18,071	17,610
8	3	99 250	86 388,446	3 446 150,914	39,891	39,430	58	53	89 996	32 902,495	576 858,336	17,532	17,071
9	4	99 233	84 887,719	3 359 762,468	39,579	39,118	59	54	89 080	32 007,309	543 955,841	16,995	16,534
10	5	99 216	83 413,358	3 274 874,749	39,261	38,800	60	55	88 063	31 097,579	511 948,532	16,463	16,001
11	6	99 201	81 967,056	3 191 461,391	38,936	38,475	61	56	86 950	30 176,513	480 850,953	15,935	15,473
12	7	99 187	80 545,855	3 109 494,334	38,605	38,144	62	57	85 738	29 244,120	450 674,440	15,411	14,950
13	8	99 174	79 149,767	3 028 948,480	38,269	37,807	63	58	84 412	28 296,655	421 430,320	14,893	14,432
14	9	99 157	77 775,635	2 949 798,713	37,927	37,466	64	59	82 971	27 335,148	393 133,665	14,382	13,921
15	10	99 140	76 424,465	2 872 023,078	37,580	37,119	65	60	81 419	26 362,575	365 798,517	13,876	13,414
16	11	99 119	75 094,191	2 795 598,613	37,228	36,767	66	61	79 758	25 380,614	339 435,943	13,374	12,913
17	12	99 089	73 780,093	2 720 504,423	36,873	36,412	67	62	77 980	24 388,044	314 055,329	12,877	12,416
18	13	99 056	72 487,233	2 646 724,329	36,513	36,052	68	63	76 101	23 391,155	289 667,285	12,384	11,922
19	14	99 010	71 207,396	2 574 237,097	36,151	35,690	69	64	74 102	22 385,028	266 276,130	11,895	11,434
20	15	98 961	69 948,005	2 503 029,701	35,784	35,323	70	65	72 003	21 376,649	243 891,102	11,409	10,948
21	16	98 909	68 708,646	2 433 081,696	35,412	34,950	71	66	69 818	20 371,489	222 514,452	10,923	10,462
22	17	98 856	67 490,984	2 364 373,049	35,032	34,571	72	67	67 481	19 350,869	202 142,963	10,446	9,985
23	18	98 802	66 293,802	2 296 882,065	34,647	34,186	73	68	65 092	18 344,900	182 792,095	9,964	9,503
24	19	98 744	65 115,665	2 230 588,264	34,256	33,795	74	69	62 570	17 330,930	164 447,194	9,489	9,027
25	20	98 683	63 955,911	2 165 472,599	33,859	33,398	75	70	59 919	16 311,176	147 116,264	9,019	8,558
26	21	98 623	62 817,886	2 101 516,687	33,454	32,993	76	71	57 141	15 287,447	130 805,088	8,556	8,095
27	22	98 563	61 699,797	2 038 698,801	33,042	32,581	77	72	54 242	14 262,105	115 517,642	8,100	7,638
28	23	98 502	60 601,180	1 976 999,004	32,623	32,162	78	73	51 280	13 251,381	101 255,537	7,641	7,180
29	24	98 440	59 521,615	1 916 397,824	32,197	31,735	79	74	48 167	12 232,843	88 004,156	7,194	6,733
30	25	98 376	58 459,438	1 856 876,210	31,763	31,302	80	75	44 951	11 219,769	75 771,313	6,753	6,292
31	26	98 304	57 412,487	1 798 416,772	31,324	30,863	81	76	41 589	10 202,182	64 551,544	6,327	5,866
32	27	98 231	56 382,630	1 741 004,285	30,878	30,417	82	77	38 138	9 194,778	54 349,361	5,911	5,450
33	28	98 150	55 367,437	1 684 621,654	30,426	29,965	83	78	34 642	8 208,177	45 154,584	5,501	5,040
34	29	98 058	54 364,080	1 629 254,217	29,969	29,508	84	79	31 037	7 227,575	36 946,406	5,112	4,651
35	30	97 965	53 378,348	1 574 890,138	29,504	29,043	85	80	27 386	6 267,725	29 718,831	4,742	4,280
36	31	97 863	52 405,863	1 521 511,789	29,033	28,572	86	81	23 728	5 337,096	23 451,106	4,394	3,933
37	32	97 745	51 442,479	1 469 105,927	28,558	28,097	87	82	20 158	4 456,134	18 114,010	4,065	3,604
38	33	97 615	50 490,319	1 417 663,448	28,078	27,617	88	83	16 732	3 635,112	13 657,876	3,757	3,296
39	34	97 482	49 554,156	1 367 173,129	27,589	27,128	89	84	13 489	2 880,122	10 022,764	3,480	3,019
40	35	97 332	48 627,068	1 317 618,973	27,096	26,635	90	85	10 542	2 212,276	7 142,642	3,229	2,767
41	36	97 166	47 709,298	1 268 991,905	26,598	26,137	91	86	7 975	1 644,659	4 930,366	2,998	2,537
42	37	96 979	46 798,394	1 221 282,607	26,097	25,635	92	87	5 831	1 181,814	3 285,707	2,780	2,319
43	38	96 793	45 905,254	1 174 484,214	25,585	25,124	93	88	4 077	812,063	2 103,893	2,591	2,130
44	39	96 585	45 018,825	1 128 578,960	25,069	24,608	94	89	2 729	534,328	1 291,830	2,418	1,956
45	40	96 355	44 139,095	1 083 560,135	24,549	24,088	95	90	1 736	334,018	757,502	2,268	1,807
46	41	96 113	43 271,006	1 039 421,040	24,021	23,560	96	91	1 050	198,528	423,484	2,133	1,672
47	42	95 844	42 407,961	996 150,034	23,490	23,028	97	92	600	111,548	224,955	2,017	1,555
48	43	95 543	41 547,858	953 742,073	22,955	22,494	98	93	325	59,385	113,407	1,910	1,448
49	44	95 207	40 689,635	912 194,215	22,418	21,957	99	94	167	29,897	54,022	1,807	1,346
							100	95	79	14,021	24,125	1,721	1,259

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	39 872,371	877 751,767	22,014	21,553
1							51	45	94 533	39 023,740	837 879,396	21,471	21,010
2							52	46	94 094	38 174,240	798 855,656	20,927	20,465
3							53	47	93 607	37 323,511	760 681,416	20,381	19,920
4							54	48	93 063	36 468,557	723 357,905	19,835	19,374
5							55	49	92 456	35 607,725	686 889,348	19,290	18,829
6	0	99 592	89 746,440	3 630 653,166	40,455	39,993	56	50	91 776	34 737,698	651 281,624	18,749	18,287
7	1	99 295	87 939,899	3 540 906,726	40,265	39,804	57	51	91 026	33 861,454	616 543,926	18,208	17,747
8	2	99 263	86 399,799	3 452 966,828	39,965	39,504	58	52	90 195	32 975,186	582 682,472	17,670	17,209
9	3	99 243	84 896,183	3 366 567,028	39,655	39,194	59	53	89 301	32 086,839	549 707,286	17,132	16,671
10	4	99 225	83 421,037	3 281 670,845	39,339	38,877	60	54	88 306	31 183,467	517 620,446	16,599	16,138
11	5	99 208	81 972,626	3 198 249,808	39,016	38,555	61	55	87 221	30 270,727	486 436,980	16,070	15,608
12	6	99 195	80 551,736	3 116 277,182	38,687	38,225	62	56	86 029	29 343,347	456 166,253	15,546	15,085
13	7	99 179	79 153,537	3 035 725,446	38,352	37,891	63	57	84 730	28 403,346	426 822,906	15,027	14,566
14	8	99 165	77 781,240	2 956 571,909	38,011	37,550	64	58	83 318	27 449,711	398 419,560	14,515	14,053
15	9	99 145	76 428,527	2 878 790,669	37,666	37,205	65	59	81 798	26 485,320	370 969,849	14,007	13,545
16	10	99 125	75 098,365	2 802 362,141	37,316	36,855	66	60	80 169	25 511,406	344 484,529	13,503	13,042
17	11	99 096	73 785,768	2 727 263,776	36,962	36,501	67	61	78 418	24 525,045	318 973,122	13,006	12,545
18	12	99 062	72 491,814	2 653 478,008	36,604	36,143	68	62	76 570	23 535,236	294 448,077	12,511	12,050
19	13	99 018	71 213,024	2 580 986,194	36,243	35,782	69	63	74 607	22 537,385	270 912,841	12,021	11,559
20	14	98 970	69 954,459	2 509 773,170	35,877	35,416	70	64	72 540	21 536,207	248 375,456	11,533	11,072
21	15	98 920	68 716,602	2 439 818,711	35,506	35,044	71	65	70 382	20 536,059	226 839,250	11,046	10,585
22	16	98 869	67 499,613	2 371 102,110	35,128	34,666	72	66	68 077	19 521,836	206 303,191	10,568	10,107
23	17	98 815	66 302,398	2 303 602,496	34,744	34,283	73	67	65 707	18 518,192	186 781,355	10,086	9,625
24	18	98 760	65 126,236	2 237 300,098	34,353	33,892	74	68	63 215	17 509,598	168 263,162	9,610	9,149
25	19	98 699	63 966,425	2 172 173,862	33,958	33,497	75	69	60 619	16 501,709	150 753,565	9,136	8,674
26	20	98 639	62 828,170	2 108 207,437	33,555	33,094	76	70	57 868	15 481,770	134 251,855	8,672	8,210
27	21	98 580	61 710,275	2 045 379,267	33,145	32,684	77	71	55 002	14 461,889	118 770,085	8,213	7,751
28	22	98 518	60 611,349	1 983 668,992	32,728	32,268	78	72	52 058	13 452,467	104 308,197	7,754	7,293
29	23	98 456	59 531,352	1 923 057,642	32,303	31,842	79	73	48 986	12 441,058	90 855,730	7,303	6,842
30	24	98 392	58 469,042	1 863 526,291	31,872	31,411	80	74	45 784	11 427,663	78 414,672	6,862	6,401
31	25	98 324	57 423,651	1 805 057,248	31,434	30,973	81	75	42 443	10 411,665	66 987,010	6,434	5,973
32	26	98 248	56 392,681	1 747 633,597	30,990	30,529	82	76	39 002	9 403,044	56 575,345	6,017	5,556
33	27	98 171	55 379,053	1 691 240,916	30,539	30,078	83	77	35 492	8 409,487	47 172,301	5,609	5,148
34	28	98 081	54 377,021	1 635 861,863	30,084	29,622	84	78	31 905	7 429,719	38 762,813	5,217	4,756
35	29	97 989	53 391,524	1 581 484,842	29,621	29,159	85	79	28 257	6 466,961	31 333,094	4,845	4,384
36	30	97 891	52 420,686	1 528 093,318	29,151	28,689	86	80	24 595	5 532,169	24 866,133	4,495	4,034
37	31	97 777	51 459,049	1 475 672,632	28,677	28,215	87	81	21 007	4 643,815	19 333,964	4,163	3,702
38	32	97 648	50 507,285	1 424 213,583	28,198	27,737	88	82	17 557	3 814,398	14 690,149	3,851	3,390
39	33	97 516	49 571,517	1 373 706,298	27,712	27,250	89	83	14 277	3 048,380	10 875,751	3,568	3,107
40	34	97 369	48 645,640	1 324 134,781	27,220	26,759	90	84	11 261	2 363,007	7 827,371	3,312	2,851
41	35	97 211	47 731,586	1 275 489,141	26,722	26,261	91	85	8 609	1 775,502	5 464,364	3,078	2,616
42	36	97 025	46 820,721	1 227 757,555	26,223	25,761	92	86	6 374	1 291,993	3 688,862	2,855	2,394
43	37	96 842	45 928,445	1 180 936,835	25,713	25,251	93	87	4 525	901,386	2 396,869	2,659	2,198
44	38	96 638	45 043,784	1 135 008,390	25,198	24,737	94	88	3 078	602,606	1 495,483	2,482	2,020
45	39	96 417	44 167,833	1 089 964,606	24,678	24,217	95	89	1 993	383,403	892,877	2,329	1,868
46	40	96 173	43 298,420	1 045 796,774	24,153	23,692	96	90	1 231	232,773	509,474	2,189	1,728
47	41	95 914	42 439,066	1 002 498,354	23,622	23,161	97	91	720	133,739	276,701	2,069	1,608
48	42	95 621	41 581,408	960 059,288	23,089	22,627	98	92	400	73,129	142,961	1,955	1,494
49	43	95 293	40 726,113	918 477,880	22,553	22,091	99	93	211	37,818	69,832	1,847	1,385
							100	94	103	18,196	32,014	1,759	1,298

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	39 908,117	883 492,281	22,138	21,677
1							51	44	94 623	39 060,685	843 584,164	21,597	21,136
2							52	45	94 195	38 215,347	804 523,479	21,052	20,591
3							53	46	93 718	37 367,761	766 308,132	20,507	20,046
4							54	47	93 184	36 516,004	728 940,371	19,962	19,501
5							55	48	92 597	35 661,828	692 424,366	19,416	18,955
6							56	49	91 931	34 796,297	656 762,539	18,874	18,413
7	0	99 583	88 194,947	3 547 444,012	40,223	39,762	57	50	91 195	33 924,007	621 966,242	18,334	17,873
8	1	99 285	86 419,020	3 459 249,065	40,029	39,568	58	51	90 383	33 043,802	588 042,235	17,796	17,335
9	2	99 256	84 907,341	3 372 830,045	39,724	39,262	59	52	89 499	32 157,728	554 998,433	17,259	16,797
10	3	99 235	83 429,355	3 287 922,704	39,410	38,948	60	53	88 525	31 260,949	522 840,705	16,725	16,264
11	4	99 217	81 980,172	3 204 493,349	39,089	38,627	61	54	87 462	30 354,331	491 579,756	16,195	15,734
12	5	99 201	80 557,209	3 122 513,177	38,761	38,300	62	55	86 297	29 434,960	461 225,425	15,669	15,208
13	6	99 186	79 159,317	3 041 955,967	38,428	37,967	63	56	85 018	28 499,720	431 790,465	15,151	14,689
14	7	99 169	77 784,945	2 962 796,650	38,090	37,628	64	57	83 632	27 553,209	403 290,744	14,637	14,176
15	8	99 152	76 434,036	2 885 011,705	37,745	37,284	65	58	82 141	26 596,322	375 737,535	14,127	13,666
16	9	99 130	75 102,357	2 808 577,670	37,397	36,935	66	59	80 542	25 630,188	349 141,214	13,622	13,161
17	10	99 102	73 789,870	2 733 475,313	37,044	36,583	67	60	78 822	24 651,428	323 511,025	13,123	12,662
18	11	99 070	72 497,389	2 659 685,443	36,687	36,225	68	61	77 000	23 667,447	298 859,597	12,627	12,166
19	12	99 024	71 217,525	2 587 188,053	36,328	35,867	69	62	75 066	22 676,207	275 192,150	12,136	11,675
20	13	98 978	69 959,988	2 515 970,528	35,963	35,502	70	63	73 034	21 682,786	252 515,944	11,646	11,185
21	14	98 929	68 722,941	2 446 010,540	35,592	35,131	71	64	70 907	20 689,342	230 833,157	11,157	10,696
22	15	98 880	67 507,429	2 377 287,599	35,215	34,754	72	65	68 627	19 679,542	210 143,816	10,678	10,217
23	16	98 827	66 310,875	2 309 780,170	34,833	34,371	73	66	66 287	18 681,803	190 464,273	10,195	9,734
24	17	98 773	65 134,681	2 243 469,295	34,444	33,982	74	67	63 813	17 674,999	171 782,470	9,719	9,258
25	18	98 715	63 976,810	2 178 334,614	34,049	33,588	75	68	61 244	16 671,828	154 107,471	9,244	8,782
26	19	98 655	62 838,499	2 114 357,803	33,647	33,186	76	69	58 544	15 662,615	137 435,643	8,775	8,314
27	20	98 596	61 720,377	2 051 519,305	33,239	32,778	77	70	55 701	14 645,718	121 773,028	8,315	7,853
28	21	98 535	60 621,642	1 989 798,927	32,823	32,362	78	71	52 787	13 640,909	107 127,309	7,853	7,392
29	22	98 473	59 541,341	1 929 177,285	32,401	31,939	79	72	49 730	12 629,847	93 486,400	7,402	6,941
30	23	98 408	58 478,607	1 869 635,943	31,971	31,510	80	73	46 563	11 622,172	80 856,553	6,957	6,496
31	24	98 340	57 433,086	1 811 157,336	31,535	31,074	81	74	43 230	10 604,585	69 234,382	6,529	6,068
32	25	98 267	56 403,647	1 753 724,250	31,092	30,631	82	75	39 803	9 596,118	58 629,797	6,110	5,649
33	26	98 188	55 388,925	1 697 320,603	30,644	30,182	83	76	36 296	8 599,967	49 033,679	5,702	5,240
34	27	98 102	54 388,429	1 641 931,678	30,189	29,728	84	77	32 688	7 611,937	40 433,712	5,312	4,851
35	28	98 012	53 404,233	1 587 543,249	29,727	29,266	85	78	29 047	6 647,832	32 821,775	4,937	4,476
36	29	97 915	52 433,625	1 534 139,016	29,259	28,797	86	79	25 377	5 708,024	26 173,943	4,585	4,124
37	30	97 804	51 473,605	1 481 705,391	28,786	28,325	87	80	21 775	4 813,548	20 465,920	4,252	3,791
38	31	97 679	50 523,554	1 430 231,786	28,308	27,847	88	81	18 297	3 975,050	15 652,371	3,938	3,476
39	32	97 548	49 588,174	1 379 708,233	27,823	27,362	89	82	14 981	3 198,727	11 677,321	3,651	3,189
40	33	97 403	48 662,683	1 330 120,058	27,333	26,872	90	83	11 918	2 501,055	8 478,593	3,390	2,929
41	34	97 248	47 749,816	1 281 457,375	26,837	26,376	91	84	9 196	1 896,475	5 977,538	3,152	2,691
42	35	97 070	46 842,593	1 233 707,559	26,337	25,876	92	85	6 881	1 394,780	4 081,063	2,926	2,465
43	36	96 888	45 950,357	1 186 864,966	25,829	25,368	93	86	4 947	985,421	2 686,284	2,726	2,265
44	37	96 687	45 066,539	1 140 914,609	25,316	24,855	94	87	3 417	668,889	1 700,862	2,543	2,082
45	38	96 471	44 192,320	1 095 848,070	24,797	24,336	95	88	2 247	432,395	1 031,973	2,387	1,925
46	39	96 236	43 326,610	1 051 655,750	24,273	23,812	96	89	1 413	267,189	599,578	2,244	1,783
47	40	95 975	42 465,953	1 008 329,140	23,744	23,283	97	90	844	156,808	332,389	2,120	1,659
48	41	95 691	41 611,907	965 863,188	23,211	22,750	98	91	480	87,677	175,581	2,003	1,541
49	42	95 370	40 758,999	924 251,281	22,676	22,215	99	92	259	46,571	87,904	1,888	1,426
							100	93	130	23,018	41,333	1,796	1,335

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	39 940,343	888 761,679	22,252	21,791
1							51	43	94 707	39 095,703	848 821,336	21,711	21,250
2							52	44	94 284	38 251,527	809 725,633	21,168	20,707
3							53	45	93 819	37 408,000	771 474,106	20,623	20,162
4							54	46	93 295	36 559,298	734 066,106	20,079	19,618
5							55	47	92 717	35 708,226	697 506,808	19,534	19,072
6							56	48	92 070	34 849,167	661 798,583	18,990	18,529
7							57	49	91 348	33 981,233	626 949,416	18,450	17,989
8	0	99 573	86 669,657	3 465 268,640	39,982	39,521	58	50	90 550	33 104,844	592 968,182	17,912	17,451
9	1	99 278	84 926,229	3 378 598,983	39,783	39,322	59	51	89 685	32 224,643	559 863,339	17,374	16,913
10	2	99 248	83 440,320	3 293 672,754	39,473	39,012	60	52	88 721	31 330,014	527 638,696	16,841	16,380
11	3	99 227	81 988,346	3 210 232,434	39,155	38,694	61	53	87 679	30 429,754	496 308,682	16,310	15,849
12	4	99 210	80 564,626	3 128 244,088	38,829	38,368	62	54	86 536	29 516,256	465 878,928	15,784	15,323
13	5	99 193	79 164,696	3 047 679,462	38,498	38,037	63	55	85 283	28 588,699	436 362,672	15,263	14,802
14	6	99 177	77 790,625	2 968 514,766	38,160	37,699	64	56	83 916	27 646,699	407 773,973	14,749	14,288
15	7	99 157	76 437,676	2 890 724,142	37,818	37,357	65	57	82 450	26 696,602	380 127,274	14,239	13,778
16	8	99 137	75 107,770	2 814 286,465	37,470	37,009	66	58	80 880	25 737,606	353 430,673	13,732	13,271
17	9	99 107	73 793,792	2 739 178,695	37,119	36,658	67	59	79 189	24 766,206	327 693,066	13,231	12,770
18	10	99 075	72 501,420	2 665 384,903	36,763	36,302	68	60	77 397	23 789,410	302 926,860	12,734	12,272
19	11	99 032	71 223,002	2 592 883,483	36,405	35,944	69	61	75 488	22 803,592	279 137,450	12,241	11,780
20	12	98 984	69 964,410	2 521 660,481	36,042	35,581	70	62	73 484	21 816,344	256 333,858	11,750	11,288
21	13	98 937	68 728,374	2 451 696,071	35,672	35,211	71	63	71 390	20 830,158	234 517,514	11,259	10,797
22	14	98 889	67 513,657	2 382 967,697	35,296	34,835	72	64	69 139	19 826,432	213 687,356	10,778	10,317
23	15	98 839	66 318,553	2 315 454,040	34,914	34,453	73	65	66 823	18 832,723	193 860,924	10,294	9,833
24	16	98 786	65 143,009	2 249 135,487	34,526	34,065	74	66	64 376	17 831,160	175 028,201	9,816	9,355
25	17	98 728	63 985,106	2 183 992,478	34,133	33,672	75	67	61 823	16 829,316	157 197,041	9,341	8,879
26	18	98 671	62 848,700	2 120 007,372	33,732	33,271	76	68	59 147	15 824,084	140 367,725	8,871	8,409
27	19	98 612	61 730,524	2 057 158,672	33,325	32,864	77	69	56 351	14 816,797	124 543,641	8,406	7,944
28	20	98 551	60 631,567	1 995 428,148	32,911	32,450	78	70	53 458	13 814,303	109 726,844	7,943	7,482
29	21	98 490	59 551,453	1 934 796,581	32,489	32,028	79	71	50 426	12 806,766	95 912,541	7,489	7,028
30	22	98 424	58 488,420	1 875 245,128	32,062	31,601	80	72	47 270	11 798,535	83 105,775	7,044	6,583
31	23	98 356	57 442,481	1 816 756,708	31,627	31,166	81	73	43 965	10 785,085	71 307,240	6,612	6,150
32	24	98 283	56 412,914	1 759 314,227	31,186	30,725	82	74	40 541	9 773,926	60 522,156	6,192	5,731
33	25	98 207	55 399,696	1 702 901,313	30,738	30,277	83	75	37 041	8 776,551	50 748,230	5,782	5,321
34	26	98 119	54 398,125	1 647 501,617	30,286	29,825	84	76	33 428	7 784,351	41 971,679	5,392	4,931
35	27	98 033	53 415,437	1 593 103,493	29,825	29,364	85	77	29 760	6 810,874	34 187,328	5,020	4,558
36	28	97 938	52 446,107	1 539 688,056	29,358	28,896	86	78	26 087	5 867,668	27 376,454	4,666	4,204
37	29	97 828	51 486,310	1 487 241,949	28,886	28,425	87	79	22 467	4 966,560	21 508,785	4,331	3,870
38	30	97 707	50 537,845	1 435 755,639	28,410	27,948	88	80	18 965	4 120,340	16 542,225	4,015	3,554
39	31	97 580	49 604,147	1 385 217,794	27,925	27,464	89	81	15 612	3 333,450	12 421,886	3,726	3,265
40	32	97 436	48 679,035	1 335 613,647	27,437	26,976	90	82	12 506	2 624,409	9 088,436	3,463	3,002
41	33	97 283	47 766,545	1 286 934,612	26,942	26,481	91	83	9 733	2 007,268	6 464,027	3,220	2,759
42	34	97 107	46 860,484	1 239 168,067	26,444	25,983	92	84	7 350	1 489,812	4 456,760	2,991	2,530
43	35	96 933	45 971,823	1 192 307,583	25,936	25,474	93	85	5 340	1 063,818	2 966,948	2,789	2,328
44	36	96 733	45 088,040	1 146 335,760	25,424	24,963	94	86	3 735	731,249	1 903,130	2,603	2,141
45	37	96 519	44 214,645	1 101 247,720	24,907	24,446	95	87	2 494	479,956	1 171,881	2,442	1,980
46	38	96 289	43 350,631	1 057 033,075	24,383	23,922	96	88	1 593	301,331	691,925	2,296	1,835
47	39	96 038	42 493,601	1 013 682,444	23,855	23,394	97	89	968	179,993	390,594	2,170	1,709
48	40	95 751	41 638,269	971 188,843	23,324	22,863	98	90	563	102,801	210,601	2,049	1,587
49	41	95 440	40 788,895	929 550,574	22,789	22,328	99	91	311	55,835	107,800	1,931	1,469
							100	92	161	28,345	51,965	1,833	1,372

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	39 969,638	893 594,814	22,357	21,896
1							51	42	94 784	39 127,273	853 625,176	21,817	21,355
2							52	43	94 369	38 285,819	814 497,903	21,274	20,813
3							53	44	93 907	37 443,416	776 212,083	20,730	20,269
4							54	45	93 395	36 598,665	738 768,668	20,186	19,724
5							55	46	92 827	35 750,561	702 170,002	19,641	19,180
6							56	47	92 190	34 894,508	666 419,441	19,098	18,637
7							57	48	91 487	34 032,865	631 524,933	18,556	18,095
8							58	49	90 703	33 160,689	597 492,069	18,018	17,557
9	0	99 566	85 172,537	3 384 139,493	39,733	39,272	59	50	89 850	32 284,172	564 331,380	17,480	17,019
10	1	99 270	83 458,882	3 298 966,956	39,528	39,067	60	51	88 905	31 395,206	532 047,208	16,947	16,486
11	2	99 240	81 999,121	3 215 508,074	39,214	38,753	61	52	87 873	30 496,982	500 652,002	16,416	15,955
12	3	99 220	80 572,659	3 133 508,952	38,890	38,429	62	53	86 751	29 589,596	470 155,020	15,889	15,428
13	4	99 202	79 171,984	3 052 936,294	38,561	38,100	63	54	85 519	28 667,658	440 565,424	15,368	14,907
14	5	99 183	77 795,911	2 973 764,310	38,225	37,764	64	55	84 178	27 733,014	411 897,766	14,852	14,391
15	6	99 164	76 443,258	2 895 968,399	37,884	37,423	65	56	82 730	26 787,185	384 164,752	14,341	13,880
16	7	99 142	75 111,348	2 819 525,142	37,538	37,077	66	57	81 185	25 834,649	357 372,567	13,833	13,372
17	8	99 114	73 799,111	2 744 413,794	37,188	36,726	67	58	79 521	24 870,003	331 542,918	13,331	12,870
18	9	99 081	72 505,274	2 670 614,683	36,833	36,372	68	59	77 757	23 900,175	306 672,915	12,831	12,370
19	10	99 037	71 226,962	2 598 109,410	36,476	36,015	69	60	75 877	22 921,104	282 772,740	12,337	11,876
20	11	98 992	69 969,791	2 526 882,447	36,114	35,653	70	61	73 897	21 938,899	259 851,637	11,844	11,383
21	12	98 943	68 732,717	2 456 912,657	35,746	35,285	71	62	71 830	20 958,463	237 912,738	11,352	10,890
22	13	98 897	67 518,994	2 388 179,939	35,370	34,909	72	63	69 610	19 961,375	216 954,274	10,869	10,407
23	14	98 848	66 324,671	2 320 660,946	34,989	34,528	73	64	67 322	18 973,292	196 992,899	10,383	9,921
24	15	98 797	65 150,552	2 254 336,274	34,602	34,141	74	65	64 896	17 975,208	178 019,607	9,904	9,442
25	16	98 740	63 993,287	2 189 185,723	34,210	33,748	75	66	62 369	16 978,005	160 044,399	9,427	8,965
26	17	98 684	62 856,850	2 125 192,436	33,810	33,349	76	67	59 706	15 973,563	143 066,394	8,956	8,495
27	18	98 628	61 740,546	2 062 335,586	33,403	32,942	77	68	56 932	14 969,546	127 092,831	8,490	8,029
28	19	98 568	60 641,534	2 000 595,040	32,991	32,529	78	69	54 083	13 975,670	112 123,285	8,023	7,562
29	20	98 506	59 561,202	1 939 953,506	32,571	32,110	79	70	51 067	12 969,557	98 147,615	7,568	7,106
30	21	98 441	58 498,353	1 880 392,304	32,144	31,683	80	71	47 932	11 963,809	85 178,058	7,120	6,658
31	22	98 372	57 452,120	1 821 893,951	31,712	31,250	81	72	44 633	10 948,745	73 214,249	6,687	6,226
32	23	98 299	56 422,142	1 764 441,830	31,272	30,811	82	73	41 231	9 940,287	62 265,503	6,264	5,803
33	24	98 223	55 408,798	1 708 019,688	30,826	30,365	83	74	37 727	8 939,173	52 325,216	5,853	5,392
34	25	98 138	54 408,703	1 652 610,891	30,374	29,913	84	75	34 115	7 944,188	43 386,043	5,461	5,000
35	26	98 050	53 424,959	1 598 202,188	29,915	29,454	85	76	30 434	6 965,144	35 441,855	5,088	4,627
36	27	97 959	52 457,109	1 544 777,229	29,448	28,987	86	77	26 727	6 011,576	28 476,711	4,737	4,276
37	28	97 852	51 498,566	1 492 320,119	28,978	28,517	87	78	23 096	5 105,467	22 465,135	4,400	3,939
38	29	97 731	50 550,319	1 440 821,553	28,503	28,042	88	79	19 568	4 251,316	17 359,668	4,083	3,622
39	30	97 607	49 618,178	1 390 271,234	28,019	27,558	89	80	16 183	3 455,288	13 108,352	3,794	3,333
40	31	97 467	48 694,715	1 340 653,056	27,532	27,071	90	81	13 033	2 734,942	9 653,064	3,530	3,068
41	32	97 315	47 782,596	1 291 958,341	27,038	26,577	91	82	10 213	2 106,267	6 918,122	3,285	2,823
42	33	97 141	46 876,902	1 244 175,745	26,541	26,080	92	83	7 780	1 576,847	4 811,855	3,052	2,590
43	34	96 970	45 989,381	1 197 298,844	26,034	25,573	93	84	5 704	1 136,300	3 235,008	2,847	2,386
44	35	96 778	45 109,103	1 151 309,462	25,523	25,062	94	85	4 032	789,425	2 098,707	2,659	2,197
45	36	96 566	44 235,739	1 106 200,360	25,007	24,546	95	86	2 727	524,702	1 309,283	2,495	2,034
46	37	96 338	43 372,531	1 061 964,620	24,485	24,024	96	87	1 769	334,476	784,581	2,346	1,884
47	38	96 091	42 517,160	1 018 592,089	23,957	23,496	97	88	1 092	202,993	450,105	2,217	1,756
48	39	95 814	41 665,379	976 074,929	23,427	22,965	98	89	646	118,000	247,113	2,094	1,633
49	40	95 500	40 814,736	934 409,550	22,894	22,433	99	90	365	65,467	129,113	1,972	1,511
							100	91	193	33,984	63,646	1,873	1,412

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	40	95 220	39 994,960	898 023,772	22,453	21,992
							51	41	94 853	39 155,972	858 028,812	21,913	21,452
							52	42	94 445	38 316,735	818 872,839	21,371	20,910
							53	43	93 992	37 476,983	780 556,104	20,828	20,366
							54	44	93 483	36 633,315	743 079,121	20,284	19,823
							55	45	92 927	35 789,058	706 445,806	19,739	19,278
							56	46	92 299	34 935,879	670 656,748	19,197	18,736
							57	47	91 606	34 077,143	635 720,869	18,655	18,194
							58	48	90 840	33 211,073	601 643,725	18,116	17,655
							59	49	90 002	32 338,632	568 432,652	17,578	17,116
10	0	99 558	83 700,934	3 304 065,241	39,475	39,013	60	50	89 070	31 453,203	536 094,020	17,044	16,583
11	1	99 262	82 017,363	3 220 364,306	39,264	38,803	61	51	88 056	30 560,441	504 640,817	16,513	16,052
12	2	99 233	80 583,248	3 138 346,943	38,945	38,484	62	52	86 942	29 654,968	474 080,376	15,987	15,525
13	3	99 212	79 179,878	3 057 763,696	38,618	38,157	63	53	85 731	28 738,889	444 425,408	15,464	15,003
14	4	99 192	77 803,073	2 978 583,818	38,284	37,822	64	54	84 411	27 809,610	415 686,519	14,948	14,486
15	5	99 171	76 448,452	2 900 780,745	37,944	37,483	65	55	82 989	26 870,817	387 876,909	14,435	13,974
16	6	99 149	75 116,832	2 824 332,293	37,599	37,138	66	56	81 460	25 922,307	361 066,092	13,926	13,465
17	7	99 119	73 802,626	2 749 215,461	37,251	36,790	67	57	79 821	24 963,774	335 083,785	13,423	12,962
18	8	99 088	72 510,499	2 675 412,835	36,897	36,436	68	58	78 083	24 000,342	310 120,011	12,921	12,460
19	9	99 042	71 230,748	2 602 902,336	36,542	36,081	69	59	76 230	23 027,825	286 119,669	12,425	11,964
20	10	98 997	69 973,681	2 531 671,588	36,180	35,719	70	60	74 277	22 051,955	263 091,843	11,931	11,469
21	11	98 951	68 738,004	2 461 697,907	35,813	35,352	71	61	72 233	21 076,199	241 039,888	11,437	10,975
22	12	98 903	67 523,261	2 392 959,903	35,439	34,978	72	62	70 038	20 084,329	219 963,689	10,952	10,491
23	13	98 856	66 329,914	2 325 436,642	35,059	34,597	73	63	67 780	19 102,428	199 879,360	10,464	10,002
24	14	98 806	65 156,562	2 259 106,728	34,672	34,211	74	64	65 381	18 109,377	180 776,932	9,983	9,521
25	15	98 752	64 000,696	2 193 950,166	34,280	33,819	75	65	62 873	17 115,161	162 667,555	9,504	9,043
26	16	98 697	62 864,887	2 129 949,470	33,881	33,420	76	66	60 233	16 114,692	145 552,394	9,032	8,571
27	17	98 641	61 748,552	2 067 084,583	33,476	33,015	77	67	57 470	15 110,953	129 437,702	8,566	8,105
28	18	98 584	60 651,379	2 005 336,031	33,063	32,602	78	68	54 640	14 119,748	114 326,749	8,097	7,636
29	19	98 522	59 570,994	1 944 684,652	32,645	32,184	79	69	51 664	13 121,057	100 207,001	7,637	7,176
30	20	98 457	58 507,930	1 885 113,658	32,220	31,759	80	70	48 541	12 115,885	87 085,945	7,188	6,727
31	21	98 389	57 461,877	1 826 605,729	31,788	31,327	81	71	45 258	11 102,115	74 970,060	6,753	6,292
32	22	98 316	56 431,610	1 769 143,852	31,350	30,889	82	72	41 856	10 091,128	63 867,945	6,329	5,868
33	23	98 239	55 417,862	1 712 712,241	30,905	30,444	83	73	38 369	9 091,326	53 776,816	5,915	5,454
34	24	98 154	54 417,642	1 657 294,380	30,455	29,994	84	74	34 747	8 091,388	44 685,490	5,523	5,061
35	25	98 069	53 435,348	1 602 876,738	29,997	29,535	85	75	31 059	7 108,160	36 594,103	5,148	4,687
36	26	97 976	52 466,461	1 549 441,390	29,532	29,071	86	76	27 332	6 147,741	29 485,943	4,796	4,335
37	27	97 872	51 509,370	1 496 974,929	29,062	28,601	87	77	23 662	5 230,681	23 338,202	4,462	4,001
38	28	97 754	50 562,352	1 445 465,559	28,588	28,127	88	78	20 116	4 370,219	18 107,520	4,143	3,682
39	29	97 632	49 630,425	1 394 903,207	28,106	27,645	89	79	16 697	3 565,124	13 737,302	3,853	3,392
40	30	97 495	48 708,489	1 345 272,781	27,619	27,158	90	80	13 509	2 834,905	10 172,178	3,588	3,127
41	31	97 347	47 797,987	1 296 564,293	27,126	26,665	91	81	10 643	2 194,978	7 337,273	3,343	2,882
42	32	97 174	46 892,653	1 248 766,306	26,630	26,169	92	82	8 163	1 654,618	5 142,295	3,108	2,647
43	33	97 004	46 005,494	1 201 873,652	26,125	25,663	93	83	6 037	1 202,684	3 487,677	2,900	2,439
44	34	96 815	45 126,332	1 155 868,159	25,614	25,153	94	84	4 307	843,211	2 284,993	2,710	2,249
45	35	96 611	44 256,404	1 110 741,827	25,098	24,637	95	85	2 944	566,445	1 441,782	2,545	2,084
46	36	96 384	43 393,223	1 066 485,423	24,577	24,116	96	86	1 934	365,659	875,337	2,394	1,933
47	37	96 139	42 538,639	1 023 092,199	24,051	23,590	97	87	1 212	225,321	509,678	2,262	1,801
48	38	95 867	41 688,479	980 553,560	23,521	23,060	98	88	729	133,078	284,357	2,137	1,676
49	39	95 562	40 841,310	938 865,081	22,988	22,527	99	89	419	75,146	151,279	2,013	1,552
							100	90	226	39,846	76,133	1,911	1,449

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	39	95 282	40 021,000	902 083,356	22,540	22,079
							51	40	94 914	39 180,778	862 062,357	22,002	21,541
							52	41	94 514	38 344,840	822 881,578	21,460	20,999
							53	42	94 067	37 507,246	784 536,738	20,917	20,456
							54	43	93 567	36 666,157	747 029,492	20,374	19,913
							55	44	93 015	35 822,941	710 363,335	19,830	19,369
							56	45	92 399	34 973,498	674 540,394	19,287	18,826
							57	46	91 715	34 117,545	639 566,896	18,746	18,285
							58	47	90 959	33 254,283	605 449,351	18,207	17,745
							59	48	90 139	32 387,768	572 195,068	17,667	17,206
							60	49	89 220	31 506,261	539 807,300	17,133	16,672
	0	99 550	82 255,235	3 225 055,148	39,208	38,747	61	50	88 219	30 616,895	508 301,039	16,602	16,141
	1	99 255	80 601,174	3 142 799,913	38,992	38,531	62	51	87 123	29 716,675	477 684,143	16,075	15,613
	2	99 225	79 190,284	3 062 198,739	38,669	38,208	63	52	85 920	28 802,382	447 967,468	15,553	15,092
	3	99 202	77 810,830	2 983 008,455	38,337	37,875	64	53	84 620	27 878,709	419 165,086	15,035	14,574
	4	99 180	76 455,490	2 905 197,625	37,999	37,537	65	54	83 218	26 945,031	391 286,377	14,522	14,060
	5	99 156	75 121,936	2 828 742,135	37,655	37,194	66	55	81 714	26 003,239	364 341,346	14,011	13,550
	6	99 126	73 808,015	2 753 620,199	37,308	36,847	67	56	80 092	25 048,478	338 338,107	13,507	13,046
	7	99 093	72 513,953	2 679 812,184	36,956	36,495	68	57	78 378	24 090,834	313 289,629	13,005	12,543
	8	99 050	71 235,882	2 607 298,230	36,601	36,140	69	58	76 550	23 124,337	289 198,795	12,506	12,045
	9	99 003	69 977,400	2 536 062,348	36,241	35,780	70	59	74 623	22 154,630	266 074,458	12,010	11,549
	10	98 956	68 741,825	2 466 084,948	35,875	35,413	71	60	72 605	21 184,809	243 919,828	11,514	11,053
	11	98 911	67 528,454	2 397 343,123	35,501	35,040	72	61	70 432	20 197,155	222 735,019	11,028	10,567
	12	98 862	66 334,106	2 329 814,669	35,122	34,661	73	62	68 197	19 220,092	202 537,864	10,538	10,077
	13	98 814	65 161,713	2 263 480,563	34,736	34,275	74	63	65 826	18 232,633	183 317,772	10,054	9,593
	14	98 761	64 006,601	2 198 318,850	34,345	33,884	75	64	63 342	17 242,910	165 085,140	9,574	9,113
	15	98 708	62 872,165	2 134 312,249	33,947	33,486	76	65	60 720	16 244,873	147 842,230	9,101	8,640
	16	98 653	61 756,447	2 071 440,084	33,542	33,081	77	66	57 978	15 244,461	131 597,356	8,632	8,171
	17	98 596	60 659,244	2 009 683,637	33,131	32,670	78	67	55 156	14 253,127	116 352,896	8,163	7,702
	18	98 538	59 580,665	1 949 024,393	32,712	32,251	79	68	52 197	13 256,324	102 099,768	7,702	7,241
	19	98 473	58 517,548	1 889 443,728	32,288	31,827	80	69	49 108	12 257,412	88 843,445	7,248	6,787
	20	98 405	57 471,284	1 830 926,180	31,858	31,397	81	70	45 833	11 243,238	76 586,032	6,812	6,351
	21	98 333	56 441,194	1 773 454,896	31,421	30,960	82	71	42 443	10 232,485	65 342,794	6,386	5,925
	22	98 256	55 427,161	1 717 013,702	30,978	30,517	83	72	38 952	9 229,284	55 110,309	5,971	5,510
	23	98 170	54 426,544	1 661 586,541	30,529	30,068	84	73	35 338	8 229,110	45 881,025	5,575	5,114
	24	98 085	53 444,127	1 607 159,998	30,072	29,611	85	74	31 634	7 239,868	37 651,915	5,201	4,739
	25	97 995	52 476,663	1 553 715,870	29,608	29,147	86	75	27 893	6 273,973	30 412,046	4,847	4,386
	26	97 890	51 518,553	1 501 239,207	29,140	28,679	87	76	24 198	5 349,159	24 138,073	4,512	4,051
	27	97 775	50 572,960	1 449 720,655	28,666	28,205	88	77	20 609	4 477,401	18 788,914	4,196	3,735
	28	97 655	49 642,240	1 399 147,695	28,185	27,723	89	78	17 164	3 664,835	14 311,513	3,905	3,444
	29	97 519	48 720,511	1 349 505,455	27,699	27,238	90	79	13 939	2 925,020	10 646,678	3,640	3,179
	30	97 374	47 811,507	1 300 784,944	27,207	26,745	91	80	11 032	2 275,205	7 721,658	3,394	2,933
	31	97 205	46 907,758	1 252 973,436	26,711	26,250	92	81	8 507	1 724,306	5 446,453	3,159	2,697
	32	97 037	46 020,952	1 206 065,679	26,207	25,746	93	82	6 335	1 262,001	3 722,147	2,949	2,488
	33	96 849	45 142,142	1 160 044,726	25,698	25,236	94	83	4 559	892,472	2 460,147	2,757	2,295
	34	96 648	44 273,308	1 114 902,584	25,182	24,721	95	84	3 145	605,040	1 567,674	2,591	2,130
	35	96 429	43 413,495	1 070 629,277	24,661	24,200	96	85	2 087	394,749	962,635	2,439	1,977
	36	96 185	42 558,934	1 027 215,782	24,136	23,675	97	86	1 325	246,327	567,886	2,305	1,844
	37	95 915	41 709,539	984 656,848	23,607	23,146	98	87	809	147,716	321,559	2,177	1,716
	38	95 615	40 863,953	942 947,309	23,075	22,614	99	88	472	84,748	173,842	2,051	1,590
							100	89	259	45,737	89,094	1,948	1,487

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	40 043,188	905 801,563	22,621	22,159
1							51	39	94 975	39 206,288	865 758,376	22,082	21,621
2							52	40	94 574	38 369,132	826 552,088	21,542	21,081
3							53	41	94 136	37 534,757	788 182,955	20,999	20,538
4							54	42	93 643	36 695,765	750 648,198	20,456	19,995
5							55	43	93 099	35 855,056	713 952,433	19,912	19,451
6							56	44	92 486	35 006,609	678 097,377	19,371	18,909
7							57	45	91 814	34 154,284	643 090,768	18,829	18,368
8							58	46	91 066	33 293,709	608 936,484	18,290	17,829
9							59	47	90 256	32 429,906	575 642,775	17,750	17,289
10							60	48	89 356	31 554,132	543 212,869	17,215	16,754
11							61	49	88 368	30 668,543	511 658,736	16,684	16,222
12	0	99 543	80 834,939	3 147 115,857	38,933	38,471	62	50	87 284	29 771,571	480 990,193	16,156	15,695
13	1	99 247	79 207,901	3 066 280,918	38,712	38,251	63	51	86 099	28 862,315	451 218,622	15,633	15,172
14	2	99 215	77 821,056	2 987 073,017	38,384	37,923	64	52	84 807	27 940,301	422 356,308	15,116	14,655
15	3	99 190	76 463,113	2 909 251,961	38,048	37,587	65	53	83 425	27 011,983	394 416,006	14,602	14,140
16	4	99 165	75 128,852	2 832 788,848	37,706	37,245	66	54	81 940	26 075,057	367 404,024	14,090	13,629
17	5	99 133	73 813,030	2 757 659,996	37,360	36,899	67	55	80 342	25 126,682	341 328,967	13,584	13,123
18	6	99 100	72 519,248	2 683 846,966	37,009	36,548	68	56	78 644	24 172,576	316 202,285	13,081	12,620
19	7	99 054	71 239,275	2 611 327,718	36,656	36,195	69	57	76 838	23 211,526	292 029,709	12,581	12,120
20	8	99 010	69 982,444	2 540 088,443	36,296	35,835	70	58	74 936	22 247,481	268 818,183	12,083	11,622
21	9	98 962	68 745,479	2 470 105,999	35,931	35,470	71	59	72 943	21 283,447	246 570,702	11,585	11,124
22	10	98 916	67 532,209	2 401 360,520	35,559	35,098	72	60	70 795	20 301,235	225 287,255	11,097	10,636
23	11	98 869	66 339,208	2 333 828,311	35,180	34,719	73	61	68 581	19 328,062	204 986,020	10,606	10,144
24	12	98 820	65 165,831	2 267 489,103	34,796	34,334	74	62	66 231	18 344,939	185 657,958	10,120	9,659
25	13	98 769	64 011,660	2 202 323,272	34,405	33,944	75	63	63 773	17 360,269	167 313,020	9,638	9,176
26	14	98 717	62 877,966	2 138 311,612	34,007	33,546	76	64	61 173	16 366,127	149 952,751	9,162	8,701
27	15	98 665	61 763,597	2 075 433,646	33,603	33,142	77	65	58 446	15 367,612	133 586,624	8,693	8,232
28	16	98 609	60 667,000	2 013 670,049	33,192	32,731	78	66	55 644	14 379,056	118 219,012	8,222	7,760
29	17	98 551	59 588,391	1 953 003,050	32,775	32,314	79	67	52 690	13 381,547	103 839,956	7,760	7,299
30	18	98 489	58 527,048	1 893 414,659	32,351	31,890	80	68	49 614	12 383,776	90 458,409	7,305	6,843
31	19	98 421	57 480,732	1 834 887,611	31,922	31,461	81	69	46 368	11 374,572	78 074,633	6,864	6,403
32	20	98 349	56 450,434	1 777 406,879	31,486	31,025	82	70	42 982	10 362,553	66 700,061	6,437	5,975
33	21	98 273	55 436,574	1 720 956,445	31,044	30,582	83	71	39 497	9 358,568	56 337,508	6,020	5,559
34	22	98 187	54 435,677	1 665 519,871	30,596	30,135	84	72	35 874	8 353,985	46 978,939	5,624	5,162
35	23	98 102	53 452,870	1 611 084,194	30,140	29,679	85	73	32 173	7 363,097	38 624,954	5,246	4,785
36	24	98 011	52 485,285	1 557 631,324	29,677	29,216	86	74	28 410	6 390,225	31 261,857	4,892	4,431
37	25	97 909	51 528,570	1 505 146,039	29,210	28,749	87	75	24 695	5 458,994	24 871,632	4,556	4,095
38	26	97 792	50 581,976	1 453 617,469	28,738	28,277	88	76	21 076	4 578,816	19 412,638	4,240	3,778
39	27	97 675	49 652,654	1 403 035,493	28,257	27,796	89	77	17 585	3 754,717	14 833,822	3,951	3,490
40	28	97 542	48 732,109	1 353 382,839	27,772	27,311	90	78	14 329	3 006,828	11 079,105	3,685	3,223
41	29	97 398	47 823,309	1 304 650,730	27,281	26,819	91	79	11 383	2 347,528	8 072,277	3,439	2,977
42	30	97 233	46 921,026	1 256 827,421	26,786	26,325	92	80	8 818	1 787,330	5 724,748	3,203	2,742
43	31	97 068	46 035,776	1 209 906,395	26,282	25,821	93	81	6 602	1 315,153	3 937,418	2,994	2,533
44	32	96 882	45 157,311	1 163 870,619	25,774	25,312	94	82	4 783	936,489	2 622,265	2,800	2,339
45	33	96 681	44 288,819	1 118 713,308	25,259	24,798	95	83	3 328	640,386	1 685,776	2,632	2,171
46	34	96 466	43 430,076	1 074 424,490	24,739	24,278	96	84	2 230	421,645	1 045,390	2,479	2,018
47	35	96 230	42 578,815	1 030 994,414	24,214	23,753	97	85	1 431	265,924	623,745	2,346	1,884
48	36	95 961	41 729,438	988 415,598	23,686	23,225	98	86	884	161,488	357,821	2,216	1,755
49	37	95 663	40 884,597	946 686,160	23,155	22,694	99	87	524	94,070	196,333	2,087	1,626
							100	88	292	51,581	102,263	1,983	1,521

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	37	95 383	40 063,417	909 206,049	22,694	22,233
1							51	38	95 028	39 228,024	869 142,632	22,156	21,695
2							52	39	94 636	38 394,113	829 914,608	21,616	21,154
3							53	40	94 196	37 558,536	791 520,494	21,074	20,613
4							54	41	93 712	36 722,680	753 961,958	20,531	20,070
5							55	42	93 174	35 884,009	717 239,278	19,988	19,527
6							56	43	92 569	35 037,993	681 355,268	19,446	18,985
7							57	44	91 901	34 186,619	646 317,275	18,906	18,444
8							58	45	91 165	33 329,560	612 130,656	18,366	17,905
9							59	46	90 363	32 468,355	578 801,096	17,827	17,365
10							60	47	89 472	31 595,186	546 332,741	17,292	16,830
11							61	48	88 502	30 715,141	514 737,555	16,758	16,297
12							62	49	87 431	29 821,793	484 022,414	16,230	15,769
13	0	99 535	79 437,624	3 070 252,186	38,650	38,189	63	50	86 258	28 915,632	454 200,621	15,708	15,247
14	1	99 237	77 838,369	2 990 814,562	38,423	37,962	64	51	84 984	27 998,440	425 284,989	15,190	14,728
15	2	99 203	76 473,162	2 912 976,193	38,091	37,630	65	52	83 609	27 071,660	397 286,548	14,675	14,214
16	3	99 175	75 136,343	2 836 503,031	37,751	37,290	66	53	82 144	26 139,847	370 214,888	14,163	13,702
17	4	99 142	73 819,825	2 761 366,688	37,407	36,946	67	54	80 564	25 196,079	344 075,042	13,656	13,195
18	5	99 107	72 524,176	2 687 546,863	37,057	36,596	68	55	78 889	24 248,045	318 878,963	13,151	12,690
19	6	99 062	71 244,477	2 615 022,687	36,705	36,244	69	56	77 099	23 290,284	294 630,918	12,650	12,189
20	7	99 014	69 985,777	2 543 778,210	36,347	35,886	70	57	75 218	22 331,364	271 340,634	12,151	11,689
21	8	98 969	68 750,434	2 473 792,433	35,982	35,521	71	58	73 249	21 372,647	249 009,270	11,651	11,190
22	9	98 922	67 535,798	2 405 041,999	35,611	35,150	72	59	71 124	20 395,758	227 636,623	11,161	10,700
23	10	98 875	66 342,896	2 337 506,201	35,234	34,773	73	60	68 934	19 427,664	207 240,864	10,667	10,206
24	11	98 828	65 170,843	2 271 163,305	34,849	34,388	74	61	66 603	18 447,993	187 813,200	10,181	9,719
25	12	98 775	64 015,706	2 205 992,462	34,460	33,999	75	62	64 166	17 467,201	169 365,208	9,696	9,235
26	13	98 725	62 882,936	2 141 976,756	34,063	33,602	76	63	61 590	16 477,518	151 898,006	9,219	8,757
27	14	98 674	61 769,295	2 079 093,820	33,659	33,198	77	64	58 882	15 482,317	135 420,488	8,747	8,286
28	15	98 620	60 674,024	2 017 324,524	33,249	32,787	78	65	56 093	14 495,216	119 938,171	8,274	7,813
29	16	98 563	59 596,009	1 956 650,501	32,832	32,371	79	66	53 155	13 499,775	105 442,955	7,811	7,350
30	17	98 502	58 534,637	1 897 054,491	32,409	31,948	80	67	50 083	12 500,757	91 943,180	7,355	6,894
31	18	98 437	57 490,064	1 838 519,854	31,980	31,519	81	68	46 847	11 491,834	79 442,423	6,913	6,452
32	19	98 365	56 459,714	1 781 029,790	31,545	31,084	82	69	43 484	10 483,600	67 950,588	6,482	6,020
33	20	98 289	55 445,650	1 724 570,076	31,104	30,643	83	70	39 999	9 477,528	57 466,988	6,063	5,602
34	21	98 204	54 444,921	1 669 124,427	30,657	30,196	84	71	36 377	8 471,008	47 989,460	5,665	5,204
35	22	98 118	53 461,840	1 614 679,505	30,202	29,741	85	72	32 661	7 474,830	39 518,453	5,287	4,826
36	23	98 027	52 493,871	1 561 217,666	29,741	29,280	86	73	28 894	6 498,993	32 043,622	4,931	4,469
37	24	97 925	51 537,036	1 508 723,795	29,275	28,813	87	74	25 152	5 560,145	25 544,630	4,594	4,133
38	25	97 811	50 591,811	1 457 186,758	28,803	28,342	88	75	21 508	4 672,833	19 984,485	4,277	3,816
39	26	97 693	49 661,506	1 406 594,947	28,324	27,862	89	76	17 983	3 839,763	15 311,652	3,988	3,526
40	27	97 563	48 742,333	1 356 933,441	27,839	27,378	90	77	14 680	3 080,573	11 471,889	3,724	3,263
41	28	97 421	47 834,693	1 308 191,109	27,348	26,887	91	78	11 701	2 413,185	8 391,316	3,477	3,016
42	29	97 257	46 932,608	1 260 356,416	26,855	26,393	92	79	9 098	1 844,145	5 978,131	3,242	2,780
43	30	97 095	46 048,798	1 213 423,808	26,351	25,890	93	80	6 843	1 363,222	4 133,986	3,033	2,571
44	31	96 913	45 171,856	1 167 375,010	25,843	25,382	94	81	4 985	975,932	2 770,763	2,839	2,378
45	32	96 714	44 303,701	1 122 203,154	25,330	24,869	95	82	3 492	671,970	1 794,832	2,671	2,210
46	33	96 500	43 445,292	1 077 899,453	24,811	24,349	96	83	2 360	446,278	1 122,861	2,516	2,055
47	34	96 267	42 595,078	1 034 454,162	24,286	23,825	97	84	1 528	284,042	676,583	2,382	1,921
48	35	96 006	41 748,932	991 859,084	23,758	23,297	98	85	954	174,335	392,541	2,252	1,790
49	36	95 709	40 904,102	950 110,151	23,228	22,767	99	86	573	102,840	218,206	2,122	1,661
							100	87	325	57,255	115,366	2,015	1,554

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	40 082,531	912 323,058	22,761	22,300
1							51	37	95 076	39 247,842	872 240,527	22,224	21,763
2							52	38	94 688	38 415,400	832 992,685	21,684	21,223
3							53	39	94 257	37 582,990	794 577,286	21,142	20,681
4							54	40	93 771	36 745,945	756 994,296	20,601	20,140
5							55	41	93 242	35 910,330	720 248,351	20,057	19,596
6							56	42	92 644	35 066,286	684 338,021	19,516	19,054
7							57	43	91 983	34 217,267	649 271,735	18,975	18,514
8							58	44	91 251	33 361,115	615 054,468	18,436	17,975
9							59	45	90 460	32 503,318	581 693,353	17,896	17,435
10							60	46	89 578	31 632,645	549 190,035	17,361	16,900
11							61	47	88 617	30 755,104	517 557,390	16,828	16,367
12							62	48	87 564	29 867,104	486 802,286	16,299	15,838
13							63	49	86 404	28 964,410	456 935,182	15,776	15,315
14	0	99 525	78 064,120	2 994 469,074	38,359	37,898	64	50	85 141	28 050,162	427 970,772	15,257	14,796
15	1	99 225	76 490,174	2 916 404,955	38,128	37,667	65	51	83 783	27 127,991	399 920,610	14,742	14,281
16	2	99 188	75 146,218	2 839 914,780	37,792	37,331	66	52	82 325	26 197,597	372 792,619	14,230	13,769
17	3	99 152	73 827,186	2 764 768,563	37,449	36,988	67	53	80 764	25 258,684	346 595,021	13,722	13,261
18	4	99 116	72 530,852	2 690 941,377	37,101	36,639	68	54	79 107	24 315,015	321 336,337	13,216	12,754
19	5	99 068	71 249,318	2 618 410,524	36,750	36,289	69	55	77 340	23 362,999	297 021,322	12,713	12,252
20	6	99 022	69 990,887	2 547 161,206	36,393	35,932	70	56	75 474	22 407,136	273 658,323	12,213	11,752
21	7	98 973	68 753,708	2 477 170,319	36,030	35,568	71	57	73 525	21 453,232	251 251,187	11,712	11,250
22	8	98 929	67 540,666	2 408 416,610	35,659	35,198	72	58	71 422	20 481,238	229 797,956	11,220	10,759
23	9	98 880	66 346,423	2 340 875,945	35,283	34,821	73	59	69 255	19 518,120	209 316,717	10,724	10,263
24	10	98 833	65 174,466	2 274 529,522	34,899	34,438	74	60	66 947	18 543,059	189 798,597	10,236	9,774
25	11	98 783	64 020,629	2 209 355,056	34,510	34,049	75	61	64 526	17 565,325	171 255,538	9,750	9,288
26	12	98 731	62 886,910	2 145 334,427	34,114	33,653	76	62	61 969	16 579,013	153 690,213	9,270	8,809
27	13	98 682	61 774,178	2 082 447,516	33,711	33,249	77	63	59 283	15 587,693	137 111,200	8,796	8,335
28	14	98 629	60 679,622	2 020 673,338	33,301	32,839	78	64	56 512	14 603,410	121 523,507	8,322	7,860
29	15	98 575	59 602,910	1 959 993,717	32,884	32,423	79	65	53 585	13 608,832	106 920,098	7,857	7,395
30	16	98 515	58 542,121	1 900 390,807	32,462	32,001	80	66	50 525	12 611,203	93 311,265	7,399	6,938
31	17	98 450	57 497,519	1 841 848,686	32,034	31,572	81	67	47 289	11 600,390	80 700,062	6,957	6,495
32	18	98 381	56 468,880	1 784 351,167	31,599	31,138	82	68	43 933	10 591,677	69 099,672	6,524	6,063
33	19	98 305	55 454,764	1 727 882,287	31,158	30,697	83	69	40 466	9 588,237	58 507,995	6,102	5,641
34	20	98 220	54 453,834	1 672 427,523	30,713	30,252	84	70	36 839	8 578,685	48 919,758	5,702	5,241
35	21	98 135	53 470,919	1 617 973,688	30,259	29,798	85	71	33 118	7 579,538	40 341,073	5,322	4,861
36	22	98 044	52 502,680	1 564 502,769	29,799	29,337	86	72	29 332	6 597,613	32 761,535	4,966	4,504
37	23	97 941	51 545,467	1 512 000,090	29,333	28,872	87	73	25 581	5 654,783	26 163,922	4,627	4,166
38	24	97 827	50 600,123	1 460 454,623	28,863	28,401	88	74	21 907	4 759,417	20 509,139	4,309	3,848
39	25	97 712	49 671,162	1 409 854,499	28,384	27,923	89	75	18 352	3 918,606	15 749,722	4,019	3,558
40	26	97 580	48 751,022	1 360 183,337	27,901	27,439	90	76	15 013	3 150,349	11 831,116	3,755	3,294
41	27	97 442	47 844,728	1 311 432,315	27,410	26,949	91	77	11 988	2 472,370	8 680,767	3,511	3,050
42	28	97 280	46 943,780	1 263 587,587	26,917	26,456	92	78	9 353	1 895,723	6 208,397	3,275	2,814
43	29	97 119	46 060,164	1 216 643,807	26,414	25,953	93	79	7 061	1 406,556	4 312,674	3,066	2,605
44	30	96 940	45 184,634	1 170 583,643	25,907	25,445	94	80	5 167	1 011,602	2 906,118	2,873	2,412
45	31	96 745	44 317,971	1 125 399,009	25,394	24,933	95	81	3 639	700,272	1 894,516	2,705	2,244
46	32	96 532	43 459,890	1 081 081,038	24,875	24,414	96	82	2 476	468,288	1 194,244	2,550	2,089
47	33	96 301	42 610,001	1 037 621,148	24,352	23,890	97	83	1 618	300,636	725,955	2,415	1,954
48	34	96 042	41 764,878	995 011,146	23,824	23,363	98	84	1 019	186,213	425,319	2,284	1,823
49	35	95 754	40 923,211	953 246,269	23,294	22,832	99	85	618	111,022	239,106	2,154	1,692
							100	86	355	62,593	128,084	2,046	1,585

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	40 101,256	915 177,357	22,822	22,360
1							51	36	95 121	39 266,566	875 076,102	22,286	21,824
2							52	37	94 736	38 434,807	835 809,535	21,746	21,285
3							53	38	94 310	37 603,826	797 374,729	21,205	20,743
4							54	39	93 832	36 769,869	759 770,902	20,663	20,202
5							55	40	93 301	35 933,080	723 001,033	20,121	19,660
6							56	41	92 712	35 092,006	687 067,953	19,579	19,118
7							57	42	92 057	34 244,898	651 975,947	19,039	18,577
8							58	43	91 333	33 391,023	617 731,049	18,500	18,039
9							59	44	90 546	32 534,090	584 340,026	17,961	17,500
10							60	45	89 674	31 666,708	551 805,936	17,425	16,964
11							61	46	88 722	30 791,567	520 139,228	16,892	16,431
12							62	47	87 678	29 905,963	489 347,661	16,363	15,902
13							63	48	86 535	29 008,419	459 441,698	15,838	15,377
14							64	49	85 285	28 097,480	430 433,279	15,319	14,858
15	0	99 513	76 712,016	2 919 768,395	38,061	37,600	65	50	83 938	27 178,105	402 335,799	14,804	14,342
16	1	99 210	75 162,935	2 843 056,380	37,825	37,364	66	51	82 497	26 252,110	375 157,694	14,291	13,829
17	2	99 165	73 836,888	2 767 893,445	37,487	37,025	67	52	80 942	25 314,488	348 905,584	13,783	13,322
18	3	99 126	72 538,084	2 694 056,556	37,140	36,679	68	53	79 304	24 375,432	323 591,096	13,275	12,814
19	4	99 077	71 255,877	2 621 518,472	36,790	36,329	69	54	77 553	23 427,524	299 215,664	12,772	12,311
20	5	99 028	69 995,643	2 550 262,595	36,435	35,973	70	55	75 709	22 477,093	275 888,140	12,270	11,809
21	6	98 981	68 758,729	2 480 266,952	36,072	35,611	71	56	73 775	21 526,024	253 311,047	11,768	11,306
22	7	98 933	67 543,883	2 411 508,223	35,703	35,242	72	57	71 692	20 558,462	231 785,023	11,274	10,813
23	8	98 887	66 351,204	2 343 964,340	35,327	34,865	73	58	69 545	19 599,922	211 226,561	10,777	10,316
24	9	98 839	65 177,930	2 277 613,136	34,945	34,483	74	59	67 258	18 629,396	191 626,639	10,286	9,825
25	10	98 788	64 024,189	2 212 435,205	34,556	34,095	75	60	64 859	17 655,843	172 997,243	9,798	9,337
26	11	98 739	62 891,747	2 148 411,017	34,160	33,699	76	61	62 317	16 672,147	155 341,400	9,317	8,856
27	12	98 688	61 778,082	2 085 519,270	33,758	33,297	77	62	59 648	15 683,707	138 669,253	8,842	8,380
28	13	98 637	60 684,418	2 023 741,187	33,349	32,887	78	63	56 896	14 702,803	122 985,546	8,365	7,904
29	14	98 584	59 608,409	1 963 056,769	32,933	32,471	79	64	53 985	13 710,410	108 282,742	7,898	7,437
30	15	98 526	58 548,900	1 903 448,361	32,510	32,049	80	65	50 934	12 713,082	94 572,333	7,439	6,978
31	16	98 463	57 504,870	1 844 899,461	32,082	31,621	81	66	47 707	11 702,881	81 859,251	6,995	6,534
32	17	98 394	56 476,202	1 787 394,591	31,649	31,187	82	67	44 348	10 691,730	70 156,370	6,562	6,101
33	18	98 321	55 463,767	1 730 918,389	31,208	30,747	83	68	40 884	9 687,083	59 464,640	6,139	5,677
34	19	98 236	54 462,786	1 675 454,621	30,763	30,302	84	69	37 270	8 678,894	49 777,557	5,735	5,274
35	20	98 151	53 479,672	1 620 991,835	30,310	29,849	85	70	33 539	7 675,884	41 098,662	5,354	4,893
36	21	98 061	52 511,596	1 567 512,163	29,851	29,390	86	71	29 743	6 690,032	33 422,779	4,996	4,535
37	22	97 957	51 554,117	1 515 000,567	29,387	28,925	87	72	25 969	5 740,593	26 732,746	4,657	4,196
38	23	97 843	50 608,401	1 463 446,450	28,917	28,456	88	73	22 280	4 840,427	20 992,153	4,337	3,876
39	24	97 728	49 679,323	1 412 838,049	28,439	27,978	89	74	18 693	3 991,214	16 151,726	4,047	3,586
40	25	97 599	48 760,502	1 363 158,726	27,956	27,495	90	75	15 321	3 215,035	12 160,512	3,782	3,321
41	26	97 459	47 853,257	1 314 398,224	27,467	27,006	91	76	12 259	2 528,370	8 945,476	3,538	3,077
42	27	97 300	46 953,628	1 266 544,967	26,974	26,513	92	77	9 582	1 942,217	6 417,106	3,304	2,843
43	28	97 142	46 071,128	1 219 591,339	26,472	26,011	93	78	7 258	1 445,895	4 474,889	3,095	2,634
44	29	96 964	45 195,786	1 173 520,210	25,965	25,504	94	79	5 331	1 043,759	3 028,994	2,902	2,441
45	30	96 772	44 330,507	1 128 324,424	25,453	24,991	95	80	3 772	725,867	1 985,235	2,735	2,274
46	31	96 563	43 473,889	1 083 993,916	24,934	24,473	96	81	2 581	488,011	1 259,368	2,581	2,119
47	32	96 333	42 624,319	1 040 520,027	24,411	23,950	97	82	1 697	315,464	771,357	2,445	1,984
48	33	96 076	41 779,510	997 895,708	23,885	23,424	98	83	1 079	197,092	455,893	2,313	1,852
49	34	95 790	40 938,841	956 116,198	23,355	22,894	99	84	661	118,586	258,801	2,182	1,721
							100	85	383	67,573	140,215	2,075	1,614

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	40 116,572	917 788,615	22,878	22,417
1							51	35	95 166	39 284,910	877 672,043	22,341	21,880
2							52	36	94 781	38 453,143	838 387,133	21,803	21,342
3							53	37	94 357	37 622,823	799 933,990	21,262	20,801
4							54	38	93 884	36 790,255	762 311,166	20,720	20,259
5							55	39	93 362	35 956,475	725 520,911	20,178	19,717
6							56	40	92 771	35 114,238	689 564,436	19,638	19,177
7							57	41	92 125	34 270,016	654 450,198	19,097	18,636
8							58	42	91 406	33 417,986	620 180,182	18,558	18,097
9							59	43	90 627	32 563,257	586 762,196	18,019	17,558
10							60	44	89 759	31 696,688	554 198,939	17,484	17,023
11							61	45	88 818	30 824,724	522 502,251	16,951	16,490
12							62	46	87 782	29 941,419	491 677,528	16,421	15,960
13							63	47	86 648	29 046,161	461 736,108	15,897	15,435
14							64	48	85 414	28 140,172	432 689,947	15,376	14,915
15							65	49	84 079	27 223,952	404 549,776	14,860	14,399
16	0	99 497	75 380,927	2 846 152,336	37,757	37,296	66	50	82 649	26 300,605	377 325,824	14,347	13,885
17	1	99 187	73 853,314	2 770 771,409	37,517	37,056	67	51	81 111	25 367,163	351 025,218	13,838	13,377
18	2	99 139	72 547,617	2 696 918,095	37,174	36,713	68	52	79 479	24 429,284	325 658,055	13,331	12,869
19	3	99 087	71 262,982	2 624 370,477	36,827	36,365	69	53	77 746	23 485,736	301 228,771	12,826	12,365
20	4	99 037	70 002,087	2 553 107,495	36,472	36,011	70	54	75 918	22 539,172	277 743,035	12,323	11,861
21	5	98 987	68 763,401	2 483 105,408	36,111	35,650	71	55	74 005	21 593,230	255 203,863	11,819	11,357
22	6	98 941	67 548,815	2 414 342,007	35,742	35,281	72	56	71 935	20 628,218	233 610,633	11,325	10,864
23	7	98 892	66 354,365	2 346 793,193	35,368	34,906	73	57	69 807	19 673,822	212 982,414	10,826	10,364
24	8	98 846	65 182,628	2 280 438,828	34,985	34,524	74	58	67 540	18 707,474	193 308,592	10,333	9,872
25	9	98 793	64 027,592	2 215 256,200	34,598	34,137	75	59	65 161	17 738,049	174 601,119	9,843	9,382
26	10	98 744	62 895,244	2 151 228,608	34,203	33,742	76	60	62 638	16 758,062	156 863,070	9,360	8,899
27	11	98 695	61 782,833	2 088 333,364	33,801	33,340	77	61	59 983	15 771,812	140 105,008	8,883	8,422
28	12	98 643	60 688,253	2 026 550,531	33,393	32,932	78	62	57 247	14 793,367	124 333,196	8,405	7,943
29	13	98 592	59 613,120	1 965 862,277	32,977	32,516	79	63	54 352	13 803,726	109 539,829	7,936	7,474
30	14	98 535	58 554,301	1 906 249,157	32,555	32,094	80	64	51 314	12 807,974	95 736,103	7,475	7,014
31	15	98 474	57 511,528	1 847 694,856	32,127	31,666	81	65	48 092	11 797,422	82 928,130	7,029	6,568
32	16	98 406	56 483,423	1 790 183,327	31,694	31,233	82	66	44 739	10 786,192	71 130,708	6,595	6,133
33	17	98 333	55 470,959	1 733 699,904	31,254	30,793	83	67	41 270	9 778,591	60 344,515	6,171	5,710
34	18	98 252	54 471,628	1 678 228,945	30,809	30,348	84	68	37 654	8 768,366	50 565,924	5,767	5,306
35	19	98 167	53 488,464	1 623 757,317	30,357	29,896	85	69	33 931	7 765,547	41 797,558	5,382	4,921
36	20	98 077	52 520,193	1 570 268,853	29,898	29,437	86	70	30 121	6 775,071	34 032,011	5,023	4,562
37	21	97 974	51 562,872	1 517 748,660	29,435	28,974	87	71	26 333	5 821,007	27 256,939	4,683	4,221
38	22	97 860	50 616,893	1 466 185,788	28,966	28,505	88	72	22 618	4 913,879	21 435,932	4,362	3,901
39	23	97 744	49 687,450	1 415 568,895	28,489	28,028	89	73	19 011	4 059,148	16 522,053	4,070	3,609
40	24	97 615	48 768,513	1 365 881,445	28,007	27,546	90	74	15 605	3 274,608	12 462,905	3,806	3,345
41	25	97 478	47 862,563	1 317 112,932	27,519	27,057	91	75	12 511	2 580,286	9 188,297	3,561	3,100
42	26	97 318	46 961,999	1 269 250,369	27,027	26,566	92	76	9 799	1 986,209	6 608,012	3,327	2,866
43	27	97 163	46 080,794	1 222 288,371	26,525	26,064	93	77	7 436	1 481,356	4 621,803	3,120	2,659
44	28	96 987	45 206,545	1 176 207,577	26,019	25,557	94	78	5 480	1 072,951	3 140,446	2,927	2,466
45	29	96 796	44 341,449	1 131 001,032	25,507	25,045	95	79	3 892	748,941	2 067,495	2,761	2,299
46	30	96 591	43 486,186	1 086 659,583	24,989	24,527	96	80	2 675	505,848	1 318,554	2,607	2,145
47	31	96 364	42 638,049	1 043 173,396	24,466	24,005	97	81	1 769	328,750	812,706	2,472	2,011
48	32	96 108	41 793,549	1 000 535,348	23,940	23,479	98	82	1 132	206,813	483,955	2,340	1,879
49	33	95 824	40 953,184	958 741,799	23,411	22,949	99	83	699	125,514	277,142	2,208	1,747
							100	84	409	72,177	151,628	2,101	1,640

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	40 130,627	920 176,763	22,930	22,468
1							51	34	95 202	39 299,915	880 046,136	22,393	21,932
2							52	35	94 825	38 471,107	840 746,222	21,854	21,393
3							53	36	94 402	37 640,772	802 275,115	21,314	20,853
4							54	37	93 931	36 808,841	764 634,342	20,773	20,312
5							55	38	93 414	35 976,410	727 825,501	20,231	19,769
6							56	39	92 831	35 137,100	691 849,091	19,690	19,229
7							57	40	92 183	34 291,727	656 711,991	19,151	18,690
8							58	41	91 473	33 442,498	622 420,265	18,612	18,150
9							59	42	90 700	32 589,552	588 977,767	18,073	17,611
10							60	43	89 840	31 725,104	556 388,215	17,538	17,077
11							61	44	88 902	30 853,907	524 663,111	17,005	16,544
12							62	45	87 877	29 973,661	493 809,204	16,475	16,014
13							63	46	86 750	29 080,598	463 835,543	15,950	15,489
14							64	47	85 525	28 176,784	434 754,945	15,430	14,968
15							65	48	84 207	27 265,317	406 578,162	14,912	14,451
16							66	49	82 788	26 344,972	379 312,845	14,398	13,937
17	0	99 475	74 067,508	2 773 621,501	37,447	36,986	67	50	81 260	25 414,024	352 967,873	13,889	13,428
18	1	99 161	72 563,757	2 699 553,993	37,203	36,741	68	51	79 644	24 480,117	327 553,849	13,380	12,919
19	2	99 100	71 272,347	2 626 990,237	36,858	36,397	69	52	77 918	23 537,622	303 073,732	12,876	12,415
20	3	99 047	70 009,067	2 555 717,889	36,506	36,044	70	53	76 107	22 595,176	279 536,109	12,371	11,910
21	4	98 997	68 769,731	2 485 708,822	36,145	35,684	71	54	74 209	21 652,868	256 940,933	11,866	11,405
22	5	98 947	67 553,405	2 416 939,091	35,778	35,317	72	55	72 160	20 692,621	235 288,065	11,371	10,909
23	6	98 899	66 359,210	2 349 385,686	35,404	34,943	73	56	70 044	19 740,577	214 595,444	10,871	10,410
24	7	98 850	65 185,733	2 283 026,476	35,023	34,562	74	57	67 795	18 778,009	194 854,867	10,377	9,916
25	8	98 800	64 032,207	2 217 840,743	34,636	34,175	75	58	65 434	17 812,390	176 076,858	9,885	9,424
26	9	98 750	62 898,587	2 153 808,537	34,243	33,781	76	59	62 930	16 836,088	158 264,467	9,400	8,939
27	10	98 701	61 786,268	2 090 909,950	33,841	33,380	77	60	60 293	15 853,087	141 428,379	8,921	8,460
28	11	98 651	60 692,921	2 029 123,682	33,433	32,971	78	61	57 568	14 876,470	125 575,292	8,441	7,980
29	12	98 598	59 616,888	1 968 430,761	33,018	32,557	79	62	54 687	13 888,751	110 698,822	7,970	7,509
30	13	98 543	58 558,930	1 908 813,873	32,596	32,135	80	63	51 663	12 895,147	96 810,070	7,507	7,046
31	14	98 483	57 516,834	1 850 254,943	32,169	31,708	81	64	48 451	11 885,479	83 914,923	7,060	6,599
32	15	98 418	56 489,963	1 792 738,109	31,736	31,274	82	65	45 101	10 873,328	72 029,444	6,624	6,163
33	16	98 346	55 478,052	1 736 248,146	31,296	30,835	83	66	41 634	9 864,986	61 156,116	6,199	5,738
34	17	98 265	54 478,692	1 680 770,094	30,852	30,391	84	67	38 010	8 851,195	51 291,130	5,795	5,334
35	18	98 183	53 497,148	1 626 291,403	30,400	29,938	85	68	34 281	7 845,603	42 439,935	5,409	4,948
36	19	98 093	52 528,827	1 572 794,255	29,942	29,480	86	69	30 473	6 854,212	34 594,331	5,047	4,586
37	20	97 990	51 571,313	1 520 265,428	29,479	29,018	87	70	26 667	5 895,000	27 740,119	4,706	4,244
38	21	97 876	50 625,489	1 468 694,115	29,011	28,550	88	71	22 935	4 982,713	21 845,119	4,384	3,923
39	22	97 760	49 695,788	1 418 068,626	28,535	28,074	89	72	19 299	4 120,745	16 862,407	4,092	3,631
40	23	97 631	48 776,491	1 368 372,838	28,054	27,593	90	73	15 870	3 330,344	12 741,662	3,826	3,365
41	24	97 494	47 870,426	1 319 596,347	27,566	27,105	91	74	12 743	2 628,096	9 411,317	3,581	3,120
42	25	97 337	46 971,131	1 271 725,921	27,075	26,613	92	75	10 000	2 026,992	6 783,221	3,346	2,885
43	26	97 180	46 089,009	1 224 754,790	26,574	26,112	93	76	7 605	1 514,910	4 756,229	3,140	2,678
44	27	97 008	45 216,029	1 178 665,782	26,067	25,606	94	77	5 615	1 099,266	3 241,319	2,949	2,487
45	28	96 819	44 352,005	1 133 449,753	25,556	25,095	95	78	4 001	769,888	2 142,053	2,782	2,321
46	29	96 614	43 496,920	1 089 097,748	25,039	24,577	96	79	2 760	521,928	1 372,166	2,629	2,168
47	30	96 391	42 650,109	1 045 600,828	24,516	24,055	97	80	1 834	340,766	850,237	2,495	2,034
48	31	96 139	41 807,011	1 002 950,719	23,990	23,529	98	81	1 180	215,523	509,471	2,364	1,903
49	32	95 856	40 966,945	961 143,708	23,461	23,000	99	82	734	131,704	293,948	2,232	1,771
							100	83	433	76,393	162,243	2,124	1,663

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	40 144,111	922 360,667	22,976	22,515
1							51	33	95 236	39 313,683	882 216,556	22,440	21,979
2							52	34	94 862	38 485,801	842 902,873	21,902	21,440
3							53	35	94 446	37 658,357	804 417,072	21,361	20,900
4							54	36	93 976	36 826,402	766 758,715	20,821	20,360
5							55	37	93 461	35 994,585	729 932,313	20,279	19,818
6							56	38	92 883	35 156,580	693 937,729	19,738	19,277
7							57	39	92 243	34 314,053	658 781,148	19,199	18,737
8							58	40	91 531	33 463,685	624 467,095	18,661	18,200
9							59	41	90 767	32 613,456	591 003,411	18,121	17,660
10							60	42	89 912	31 750,722	558 389,955	17,587	17,125
11							61	43	88 981	30 881,567	526 639,233	17,054	16,592
12							62	44	87 960	30 002,038	495 757,665	16,524	16,063
13							63	45	86 844	29 111,912	465 755,627	15,999	15,538
14							64	46	85 627	28 210,190	436 643,715	15,478	15,017
15							65	47	84 316	27 300,790	408 433,525	14,961	14,499
16							66	48	82 914	26 385,001	381 132,735	14,445	13,984
17							67	49	81 398	25 456,895	354 747,734	13,935	13,474
18	0	99 448	72 774,210	2 702 178,061	37,131	36,670	68	50	79 791	24 525,339	329 290,838	13,427	12,965
19	1	99 122	71 288,203	2 629 403,851	36,884	36,423	69	51	78 080	23 586,600	304 765,499	12,921	12,460
20	2	99 060	70 018,268	2 558 115,648	36,535	36,074	70	52	76 275	22 645,096	281 178,899	12,417	11,956
21	3	99 006	68 776,588	2 488 097,380	36,177	35,715	71	53	74 394	21 706,670	258 533,803	11,910	11,449
22	4	98 957	67 559,624	2 419 320,792	35,810	35,349	72	54	72 359	20 749,772	236 827,133	11,413	10,952
23	5	98 906	66 363,719	2 351 761,168	35,437	34,976	73	55	70 263	19 802,209	216 077,361	10,912	10,451
24	6	98 858	65 190,493	2 285 397,449	35,057	34,596	74	56	68 025	18 841,724	196 275,153	10,417	9,956
25	7	98 805	64 035,256	2 220 206,957	34,672	34,210	75	57	65 681	17 879,551	177 433,429	9,924	9,463
26	8	98 757	62 903,120	2 156 171,700	34,278	33,816	76	58	63 194	16 906,650	159 553,877	9,437	8,976
27	9	98 706	61 789,552	2 093 268,580	33,877	33,416	77	59	60 573	15 926,900	142 647,228	8,956	8,495
28	10	98 657	60 696,295	2 031 479,028	33,470	33,008	78	60	57 865	14 953,132	126 720,328	8,475	8,013
29	11	98 605	59 621,473	1 970 782,732	33,055	32,594	79	61	54 994	13 966,772	111 767,196	8,002	7,541
30	12	98 549	58 562,631	1 911 161,259	32,634	32,173	80	62	51 981	12 974,577	97 800,424	7,538	7,077
31	13	98 491	57 521,381	1 852 598,628	32,207	31,746	81	63	48 781	11 966,374	84 825,847	7,089	6,627
32	14	98 427	56 495,175	1 795 077,248	31,774	31,313	82	64	45 437	10 954,488	72 859,473	6,651	6,190
33	15	98 357	55 484,475	1 738 582,073	31,335	30,873	83	65	41 971	9 944,679	61 904,986	6,225	5,764
34	16	98 277	54 485,657	1 683 097,598	30,891	30,429	84	66	38 345	8 929,397	51 960,306	5,819	5,358
35	17	98 195	53 504,085	1 628 611,941	30,439	29,978	85	67	34 605	7 919,716	43 030,909	5,433	4,972
36	18	98 109	52 537,354	1 575 107,856	29,981	29,520	86	68	30 787	6 924,873	35 111,194	5,070	4,609
37	19	98 006	51 579,791	1 522 570,501	29,519	29,058	87	69	26 979	5 963,860	28 186,320	4,726	4,265
38	20	97 892	50 633,777	1 470 990,710	29,052	28,590	88	70	23 226	5 046,049	22 222,460	4,404	3,943
39	21	97 777	49 704,228	1 420 356,933	28,576	28,115	89	71	19 570	4 178,468	17 176,410	4,111	3,649
40	22	97 647	48 784,676	1 370 652,706	28,096	27,635	90	72	16 111	3 380,881	12 997,942	3,845	3,383
41	23	97 510	47 878,257	1 321 868,030	27,609	27,148	91	73	12 960	2 672,829	9 617,061	3,598	3,137
42	24	97 353	46 978,848	1 273 989,773	27,118	26,657	92	74	10 186	2 064,551	6 944,232	3,364	2,902
43	25	97 199	46 097,971	1 227 010,925	26,617	26,156	93	75	7 761	1 546,016	4 879,681	3,156	2,695
44	26	97 025	45 224,090	1 180 912,954	26,112	25,651	94	76	5 742	1 124,165	3 333,666	2,965	2,504
45	27	96 840	44 361,309	1 135 688,865	25,601	25,140	95	77	4 099	788,770	2 209,501	2,801	2,340
46	28	96 637	43 507,274	1 091 327,555	25,084	24,623	96	78	2 837	536,526	1 420,731	2,648	2,187
47	29	96 415	42 660,637	1 047 820,281	24,562	24,101	97	79	1 892	351,599	884,205	2,515	2,054
48	30	96 167	41 818,837	1 005 159,645	24,036	23,575	98	80	1 223	223,401	532,607	2,384	1,923
49	31	95 887	40 980,141	963 340,808	23,508	23,046	99	81	765	137,251	309,206	2,253	1,792
							100	82	454	80,161	171,955	2,145	1,684

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	31	95 605	40 157,042	924 357,589	23,019	22,557
							51	32	95 268	39 326,893	884 200,547	22,483	22,022
							52	33	94 895	38 499,284	844 873,654	21,945	21,484
							53	34	94 482	37 672,740	806 374,370	21,405	20,944
							54	35	94 020	36 843,606	768 701,630	20,864	20,403
							55	36	93 506	36 011,757	731 858,024	20,323	19,862
							56	37	92 929	35 174,341	695 846,267	19,783	19,322
							57	38	92 294	34 333,077	660 671,926	19,243	18,782
							58	39	91 591	33 485,472	626 338,849	18,705	18,244
							59	40	90 824	32 634,117	592 853,377	18,167	17,705
							60	41	89 978	31 774,011	560 219,260	17,631	17,170
							61	42	89 053	30 906,504	528 445,249	17,098	16,637
							62	43	88 039	30 028,935	497 538,745	16,569	16,107
							63	44	86 926	29 139,474	467 509,809	16,044	15,583
							64	45	85 719	28 240,567	438 370,336	15,523	15,062
							65	46	84 416	27 333,158	410 129,768	15,005	14,544
							66	47	83 022	26 419,330	382 796,611	14,489	14,028
							67	48	81 521	25 495,575	356 377,281	13,978	13,517
							68	49	79 926	24 566,711	330 881,706	13,469	13,007
19	0	99 410	71 494,957	2 631 820,081	36,811	36,350	69	50	78 224	23 630,172	306 314,995	12,963	12,502
20	1	99 082	70 033,844	2 560 325,124	36,558	36,097	70	51	76 434	22 692,216	282 684,823	12,457	11,996
21	2	99 019	68 785,627	2 490 291,280	36,204	35,742	71	52	74 558	21 754,626	259 992,607	11,951	11,490
22	3	98 966	67 566,360	2 421 505,653	35,839	35,378	72	53	72 539	20 801,330	238 237,981	11,453	10,992
23	4	98 915	66 369,829	2 353 939,293	35,467	35,006	73	54	70 457	19 856,900	217 436,651	10,950	10,489
24	5	98 864	65 194,922	2 287 569,465	35,088	34,627	74	55	68 237	18 900,550	197 579,751	10,454	9,992
25	6	98 812	64 039,932	2 222 374,543	34,703	34,242	75	56	65 904	17 940,218	178 679,201	9,960	9,498
26	7	98 762	62 906,116	2 158 334,610	34,310	33,849	76	57	63 432	16 970,395	160 738,984	9,472	9,011
27	8	98 713	61 794,006	2 095 428,494	33,910	33,449	77	58	60 827	15 993,651	143 768,588	8,989	8,528
28	9	98 662	60 699,521	2 033 634,488	33,503	33,042	78	59	58 135	15 022,754	127 774,938	8,505	8,044
29	10	98 611	59 624,788	1 972 934,967	33,089	32,628	79	60	55 277	14 038,746	112 752,184	8,031	7,570
30	11	98 557	58 567,135	1 913 310,179	32,669	32,207	80	61	52 273	13 047,462	98 713,437	7,566	7,105
31	12	98 497	57 525,016	1 854 743,044	32,242	31,781	81	62	49 081	12 040,082	85 665,975	7,115	6,654
32	13	98 434	56 499,640	1 797 218,028	31,809	31,348	82	63	45 747	11 029,046	73 625,893	6,676	6,214
33	14	98 367	55 489,594	1 740 718,387	31,370	30,909	83	64	42 284	10 018,908	62 596,847	6,248	5,787
34	15	98 288	54 491,966	1 685 228,793	30,926	30,465	84	65	38 655	9 001,532	52 577,939	5,841	5,380
35	16	98 208	53 510,926	1 630 736,828	30,475	30,014	85	66	34 910	7 989,687	43 576,407	5,454	4,993
36	17	98 121	52 544,167	1 577 225,902	30,017	29,556	86	67	31 078	6 990,288	35 586,720	5,091	4,630
37	18	98 022	51 588,165	1 524 681,735	29,555	29,094	87	68	27 257	6 025,343	28 596,432	4,746	4,285
38	19	97 908	50 642,101	1 473 093,570	29,088	28,627	88	69	23 498	5 104,993	22 571,089	4,421	3,960
39	20	97 793	49 712,365	1 422 451,469	28,614	28,152	89	70	19 818	4 231,582	17 466,095	4,128	3,666
40	21	97 664	48 792,961	1 372 739,104	28,134	27,673	90	71	16 337	3 428,241	13 234,513	3,860	3,399
41	22	97 526	47 886,291	1 323 946,144	27,648	27,187	91	72	13 157	2 713,388	9 806,272	3,614	3,153
42	23	97 369	46 986,533	1 276 059,852	27,158	26,697	92	73	10 359	2 099,691	7 092,884	3,378	2,917
43	24	97 215	46 105,544	1 229 073,320	26,658	26,197	93	74	7 905	1 574,662	4 993,193	3,171	2,710
44	25	97 044	45 232,884	1 182 967,775	26,153	25,692	94	75	5 860	1 147,248	3 418,531	2,980	2,519
45	26	96 857	44 369,218	1 137 734,891	25,642	25,181	95	76	4 192	806,636	2 271,284	2,816	2,355
46	27	96 658	43 516,402	1 093 365,674	25,125	24,664	96	77	2 907	549,684	1 464,648	2,665	2,203
47	28	96 438	42 670,792	1 049 849,272	24,603	24,142	97	78	1 945	361,432	914,964	2,531	2,070
48	29	96 190	41 829,159	1 007 178,481	24,078	23,617	98	79	1 262	230,502	553,531	2,401	1,940
49	30	95 914	40 991,732	965 349,322	23,550	23,089	99	80	793	142,268	323,029	2,271	1,809
							100	81	474	83,537	180,761	2,164	1,703

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	30	95 632	40 168,401	926 182,307	23,057	22,596
							51	31	95 298	39 339,561	886 013,905	22,522	22,061
							52	32	94 927	38 512,221	846 674,344	21,985	21,523
							53	33	94 516	37 685,938	808 162,124	21,445	20,983
							54	34	94 056	36 857,678	770 476,185	20,904	20,443
							55	35	93 549	36 028,580	733 618,508	20,362	19,901
							56	36	92 974	35 191,122	697 589,928	19,823	19,362
							57	37	92 341	34 350,422	662 398,805	19,284	18,822
							58	38	91 642	33 504,037	628 048,383	18,745	18,284
							59	39	90 884	32 655,364	594 544,347	18,207	17,745
							60	40	90 035	31 794,141	561 888,982	17,673	17,212
							61	41	89 118	30 929,173	530 094,842	17,139	16,678
							62	42	88 110	30 053,184	499 165,668	16,609	16,148
							63	43	87 004	29 165,597	469 112,485	16,084	15,623
							64	44	85 800	28 267,304	439 946,887	15,564	15,103
							65	45	84 507	27 362,591	411 679,584	15,045	14,584
							66	46	83 120	26 450,652	384 316,993	14,530	14,068
							67	47	81 627	25 528,746	357 866,341	14,018	13,557
							68	48	80 047	24 604,038	332 337,595	13,507	13,046
							69	49	78 356	23 670,034	307 733,556	13,001	12,540
20	0	99 370	70 236,960	2 562 550,245	36,484	36,023	70	50	76 575	22 734,136	284 063,523	12,495	12,034
21	1	99 041	68 800,929	2 492 313,284	36,225	35,764	71	51	74 713	21 799,894	261 329,387	11,988	11,526
22	2	98 979	67 575,240	2 423 512,355	35,864	35,403	72	52	72 699	20 847,286	239 529,493	11,490	11,029
23	3	98 925	66 376,446	2 355 937,116	35,494	35,032	73	53	70 632	19 906,239	218 682,207	10,986	10,524
24	4	98 873	65 200,924	2 289 560,669	35,115	34,654	74	54	68 426	18 952,751	198 775,968	10,488	10,027
25	5	98 819	64 044,284	2 224 359,745	34,732	34,270	75	55	66 109	17 996,229	179 823,217	9,992	9,531
26	6	98 769	62 910,710	2 160 315,462	34,339	33,878	76	56	63 647	17 027,977	161 826,988	9,504	9,042
27	7	98 718	61 796,949	2 097 404,752	33,940	33,479	77	57	61 057	16 053,954	144 799,012	9,020	8,558
28	8	98 669	60 703,896	2 035 607,803	33,533	33,072	78	58	58 378	15 085,715	128 745,058	8,534	8,073
29	9	98 616	59 627,957	1 974 903,906	33,120	32,659	79	59	55 535	14 104,111	113 659,342	8,059	7,597
30	10	98 562	58 570,391	1 915 275,949	32,700	32,239	80	60	52 543	13 114,699	99 555,231	7,591	7,130
31	11	98 505	57 529,440	1 856 705,558	32,274	31,813	81	61	49 357	12 107,718	86 440,532	7,139	6,678
32	12	98 441	56 503,211	1 799 176,118	31,842	31,381	82	62	46 029	11 096,981	74 332,814	6,698	6,237
33	13	98 374	55 493,980	1 742 672,907	31,403	30,942	83	63	42 572	10 087,098	63 235,833	6,269	5,808
34	14	98 298	54 496,993	1 687 178,926	30,959	30,498	84	64	38 944	9 068,721	53 148,735	5,861	5,399
35	15	98 219	53 517,122	1 632 681,933	30,508	30,046	85	65	35 192	8 054,231	44 080,014	5,473	5,012
36	16	98 134	52 550,885	1 579 164,812	30,050	29,589	86	66	31 353	7 052,048	36 025,783	5,109	4,647
37	17	98 035	51 594,855	1 526 613,927	29,588	29,127	87	67	27 514	6 082,260	28 973,735	4,764	4,302
38	18	97 924	50 650,323	1 475 019,072	29,122	28,660	88	68	23 740	5 157,621	22 891,474	4,438	3,977
39	19	97 809	49 720,537	1 424 368,750	28,647	28,186	89	69	20 050	4 281,012	17 733,853	4,142	3,681
40	20	97 680	48 800,948	1 374 648,213	28,168	27,707	90	70	16 545	3 471,818	13 452,841	3,875	3,414
41	21	97 543	47 894,424	1 325 847,264	27,683	27,222	91	71	13 341	2 751,397	9 981,023	3,628	3,166
42	22	97 385	46 994,417	1 277 952,841	27,194	26,733	92	72	10 516	2 131,553	7 229,625	3,392	2,931
43	23	97 231	46 113,087	1 230 958,423	26,694	26,233	93	73	8 039	1 601,464	5 098,072	3,183	2,722
44	24	97 060	45 240,315	1 184 845,336	26,190	25,729	94	74	5 969	1 168,505	3 496,608	2,992	2,531
45	25	96 876	44 377,845	1 139 605,021	25,680	25,218	95	75	4 278	823,198	2 328,103	2,828	2,367
46	26	96 675	43 524,159	1 095 227,176	25,164	24,702	96	76	2 973	562,135	1 504,904	2,677	2,216
47	27	96 458	42 679,744	1 051 703,017	24,642	24,181	97	77	1 992	370,297	942,769	2,546	2,085
48	28	96 213	41 839,116	1 009 023,273	24,117	23,656	98	78	1 297	236,949	572,473	2,416	1,955
49	29	95 938	41 001,850	967 184,157	23,589	23,128	99	79	818	146,790	335,524	2,286	1,825
							100	80	491	86,591	188,733	2,180	1,718

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	40 178,316	927 848,424	23,093	22,632
1							51	30	95 325	39 350,689	887 670,108	22,558	22,097
2							52	31	94 957	38 524,626	848 319,419	22,020	21,559
3							53	32	94 547	37 698,602	809 794,793	21,481	21,020
4							54	33	94 089	36 870,591	772 096,192	20,941	20,480
5							55	34	93 585	36 042,341	735 225,601	20,399	19,938
6							56	35	93 017	35 207,562	699 183,260	19,859	19,398
7							57	36	92 385	34 366,810	663 975,698	19,320	18,859
8							58	37	91 688	33 520,963	629 608,888	18,783	18,321
9							59	38	90 934	32 673,469	596 087,925	18,244	17,783
10							60	39	90 094	31 814,841	563 414,457	17,709	17,248
11							61	40	89 175	30 948,768	531 599,616	17,177	16,716
12							62	41	88 174	30 075,227	500 650,848	16,647	16,185
13							63	42	87 074	29 189,149	470 575,621	16,122	15,660
14							64	43	85 877	28 292,645	441 386,472	15,601	15,140
15							65	44	84 587	27 388,496	413 093,827	15,083	14,622
16							66	45	83 210	26 479,135	385 705,330	14,566	14,105
17							67	46	81 724	25 559,013	359 226,196	14,055	13,594
18							68	47	80 151	24 636,050	333 667,183	13,544	13,083
19							69	48	78 475	23 705,998	309 031,133	13,036	12,575
20							70	49	76 704	22 772,486	285 325,135	12,529	12,068
21	0	99 329	69 000,470	2 494 362,686	36,150	35,689	71	50	74 851	21 840,165	262 552,649	12,022	11,560
22	1	99 001	67 590,273	2 425 362,216	35,883	35,422	72	51	72 850	20 890,665	240 712,484	11,522	11,061
23	2	98 938	66 385,170	2 357 771,944	35,517	35,055	73	52	70 788	19 950,218	219 821,819	11,019	10,557
24	3	98 883	65 207,425	2 291 386,774	35,140	34,679	74	53	68 596	18 999,843	199 871,601	10,520	10,058
25	4	98 828	64 050,180	2 226 179,349	34,757	34,296	75	54	66 292	18 045,932	180 871,757	10,023	9,562
26	5	98 775	62 914,984	2 162 129,169	34,366	33,905	76	55	63 846	17 081,140	162 825,825	9,532	9,071
27	6	98 725	61 801,462	2 099 214,185	33,967	33,506	77	56	61 264	16 108,426	145 744,685	9,048	8,587
28	7	98 674	60 706,788	2 037 412,723	33,562	33,100	78	57	58 598	15 142,595	129 636,259	8,561	8,100
29	8	98 623	59 632,255	1 976 705,936	33,148	32,687	79	58	55 767	14 163,222	114 493,664	8,084	7,623
30	9	98 568	58 573,504	1 917 073,681	32,729	32,268	80	59	52 787	13 175,761	100 330,441	7,615	7,154
31	10	98 510	57 532,639	1 858 500,177	32,303	31,842	81	60	49 612	12 170,112	87 154,680	7,161	6,700
32	11	98 448	56 507,557	1 800 967,538	31,871	31,410	82	61	46 287	11 159,319	74 984,568	6,719	6,258
33	12	98 381	55 497,488	1 744 459,981	31,433	30,972	83	62	42 834	10 149,231	63 825,249	6,289	5,827
34	13	98 305	54 501,301	1 688 962,493	30,989	30,528	84	63	39 209	9 130,444	53 676,018	5,879	5,418
35	14	98 228	53 522,059	1 634 461,193	30,538	30,077	85	64	35 455	8 114,349	44 545,574	5,490	5,029
36	15	98 145	52 556,970	1 580 939,134	30,080	29,619	86	65	31 606	7 109,018	36 431,225	5,125	4,663
37	16	98 047	51 601,451	1 528 382,164	29,619	29,158	87	66	27 757	6 135,998	29 322,207	4,779	4,318
38	17	97 937	50 656,890	1 476 780,713	29,153	28,691	88	67	23 964	5 206,342	23 186,209	4,453	3,992
39	18	97 825	49 728,609	1 426 123,822	28,678	28,217	89	68	20 256	4 325,146	17 979,867	4,157	3,696
40	19	97 696	48 808,971	1 376 395,213	28,200	27,738	90	69	16 738	3 512,373	13 654,722	3,888	3,426
41	20	97 559	47 902,264	1 327 586,242	27,714	27,253	91	70	13 510	2 786,371	10 142,349	3,640	3,179
42	21	97 401	47 002,398	1 279 683,978	27,226	26,765	92	71	10 664	2 161,412	7 355,977	3,403	2,942
43	22	97 247	46 120,825	1 232 681,580	26,727	26,266	93	72	8 161	1 625,766	5 194,565	3,195	2,734
44	23	97 076	45 247,716	1 186 560,755	26,224	25,762	94	73	6 070	1 188,394	3 568,799	3,003	2,542
45	24	96 892	44 385,136	1 141 313,039	25,714	25,253	95	74	4 358	838,452	2 380,405	2,839	2,378
46	25	96 694	43 532,623	1 096 927,903	25,198	24,737	96	75	3 034	573,677	1 541,953	2,688	2,227
47	26	96 475	42 687,352	1 053 395,280	24,677	24,216	97	76	2 038	378,684	968,276	2,557	2,096
48	27	96 233	41 847,893	1 010 707,928	24,152	23,691	98	77	1 329	242,760	589,592	2,429	1,967
49	28	95 961	41 011,611	968 860,034	23,624	23,163	99	78	841	150,896	346,832	2,298	1,837
							100	79	506	89,343	195,936	2,193	1,732

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	28	95 679	40 187,880	929 369,459	23,126	22,664
1							51	29	95 349	39 360,402	889 181,579	22,591	22,130
2							52	30	94 984	38 535,523	849 821,177	22,053	21,592
3							53	31	94 578	37 710,745	811 285,654	21,513	21,052
4							54	32	94 121	36 882,980	773 574,910	20,974	20,513
5							55	33	93 618	36 054,968	736 691,930	20,432	19,971
6							56	34	93 053	35 221,009	700 636,961	19,893	19,431
7							57	35	92 428	34 382,865	665 415,952	19,353	18,892
8							58	36	91 732	33 536,955	631 033,088	18,816	18,355
9							59	37	90 980	32 689,975	597 496,133	18,278	17,816
10							60	38	90 144	31 832,479	564 806,158	17,743	17,282
11							61	39	89 233	30 968,918	532 973,678	17,210	16,749
12							62	40	88 230	30 094,281	502 004,760	16,681	16,220
13							63	41	87 138	29 210,558	471 910,480	16,155	15,694
14							64	42	85 946	28 315,492	442 699,922	15,635	15,173
15							65	43	84 663	27 413,050	414 384,430	15,116	14,655
16							66	44	83 289	26 504,204	386 971,380	14,600	14,139
17							67	45	81 812	25 586,535	360 467,176	14,088	13,627
18							68	46	80 246	24 665,258	334 880,641	13,577	13,116
19							69	47	78 577	23 736,841	310 215,383	13,069	12,608
20							70	48	76 821	22 807,087	286 478,542	12,561	12,100
21							71	49	74 978	21 877,007	263 671,455	12,052	11,591
22	0	99 289	67 786,302	2 427 250,080	35,807	35,346	72	50	72 985	20 929,257	241 794,448	11,553	11,092
23	1	98 960	66 399,938	2 359 463,778	35,534	35,073	73	51	70 935	19 991,731	220 865,191	11,048	10,587
24	2	98 896	65 215,995	2 293 063,840	35,161	34,700	74	52	68 747	19 041,820	200 873,460	10,549	10,088
25	3	98 838	64 056,566	2 227 847,846	34,779	34,318	75	53	66 457	18 090,772	181 831,640	10,051	9,590
26	4	98 785	62 920,776	2 163 791,279	34,389	33,928	76	54	64 022	17 128,316	163 740,869	9,560	9,098
27	5	98 732	61 805,661	2 100 870,503	33,992	33,530	77	55	61 455	16 158,718	146 612,553	9,073	8,612
28	6	98 681	60 711,221	2 039 064,842	33,586	33,125	78	56	58 797	15 193,975	130 453,835	8,586	8,125
29	7	98 628	59 635,095	1 978 353,622	33,174	32,713	79	57	55 978	14 216,624	115 259,859	8,107	7,646
30	8	98 575	58 577,726	1 918 718,527	32,755	32,294	80	58	53 008	13 230,982	101 043,235	7,637	7,176
31	9	98 515	57 535,697	1 860 140,801	32,330	31,869	81	59	49 843	12 226,777	87 812,254	7,182	6,721
32	10	98 454	56 510,699	1 802 605,104	31,898	31,437	82	60	46 526	11 216,825	75 585,477	6,739	6,277
33	11	98 388	55 501,756	1 746 094,405	31,460	30,999	83	61	43 075	10 206,245	64 368,652	6,307	5,846
34	12	98 312	54 504,745	1 690 592,649	31,017	30,556	84	62	39 450	9 186,684	54 162,407	5,896	5,435
35	13	98 236	53 526,290	1 636 087,904	30,566	30,105	85	63	35 696	8 169,577	44 975,722	5,505	5,044
36	14	98 154	52 561,819	1 582 561,615	30,109	29,647	86	64	31 842	7 162,080	36 806,145	5,139	4,678
37	15	98 059	51 607,426	1 529 999,796	29,647	29,186	87	65	27 982	6 185,567	29 644,065	4,792	4,331
38	16	97 949	50 663,367	1 478 392,370	29,181	28,719	88	66	24 176	5 252,341	23 458,498	4,466	4,005
39	17	97 837	49 735,057	1 427 729,003	28,707	28,245	89	67	20 448	4 366,002	18 206,157	4,170	3,709
40	18	97 712	48 816,895	1 377 993,946	28,228	27,767	90	68	16 910	3 548,583	13 840,155	3,900	3,439
41	19	97 575	47 910,139	1 329 177,051	27,743	27,282	91	69	13 668	2 818,919	10 291,572	3,651	3,190
42	20	97 417	47 010,093	1 281 266,911	27,255	26,794	92	70	10 799	2 188,887	7 472,653	3,414	2,953
43	21	97 264	46 128,657	1 234 256,818	26,757	26,296	93	71	8 276	1 648,540	5 283,766	3,205	2,744
44	22	97 092	45 255,309	1 188 128,161	26,254	25,793	94	72	6 162	1 206,428	3 635,227	3,013	2,552
45	23	96 908	44 392,397	1 142 872,852	25,745	25,284	95	73	4 432	852,723	2 428,799	2,848	2,387
46	24	96 710	43 539,775	1 098 480,455	25,229	24,768	96	74	3 090	584,307	1 576,076	2,697	2,236
47	25	96 494	42 695,653	1 054 940,680	24,708	24,247	97	75	2 079	386,460	991,769	2,566	2,105
48	26	96 251	41 855,354	1 012 245,027	24,184	23,723	98	76	1 359	248,259	605,309	2,438	1,977
49	27	95 981	41 020,214	970 389,674	23,656	23,195	99	77	861	154,597	357,051	2,310	1,848
							100	78	521	91,842	202,454	2,204	1,743

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	27	95 699	40 196,311	930 757,055	23,155	22,694
							51	28	95 371	39 369,771	890 560,744	22,620	22,159
							52	29	95 008	38 545,035	851 190,972	22,083	21,622
							53	30	94 605	37 721,412	812 645,938	21,543	21,082
							54	31	94 151	36 894,860	774 924,526	21,004	20,542
							55	32	93 649	36 067,083	738 029,666	20,463	20,001
							56	33	93 085	35 233,349	701 962,582	19,923	19,462
							57	34	92 463	34 395,997	666 729,233	19,384	18,923
							58	35	91 775	33 552,622	632 333,236	18,846	18,385
							59	36	91 023	32 705,571	598 780,615	18,308	17,847
							60	37	90 189	31 848,561	566 075,044	17,774	17,313
							61	38	89 282	30 986,087	534 226,483	17,241	16,780
							62	39	88 288	30 113,874	503 240,396	16,711	16,250
							63	40	87 193	29 229,064	473 126,521	16,187	15,726
							64	41	86 009	28 336,261	443 897,457	15,665	15,204
							65	42	84 732	27 435,186	415 561,197	15,147	14,686
							66	43	83 363	26 527,965	388 126,011	14,631	14,170
							67	44	81 890	25 610,759	361 598,046	14,119	13,658
							68	45	80 333	24 691,818	335 987,287	13,607	13,146
							69	46	78 671	23 764,983	311 295,469	13,099	12,638
							70	47	76 921	22 836,760	287 530,485	12,591	12,129
							71	48	75 092	21 910,247	264 693,725	12,081	11,620
							72	49	73 108	20 964,563	242 783,478	11,581	11,119
							73	50	71 066	20 028,662	221 818,915	11,075	10,614
							74	51	68 890	19 081,442	201 790,254	10,575	10,114
							75	52	66 603	18 130,739	182 708,811	10,077	9,616
							76	53	64 181	17 170,875	164 578,072	9,585	9,124
							77	54	61 625	16 203,347	147 407,196	9,097	8,636
							78	55	58 981	15 241,412	131 203,850	8,608	8,147
							79	56	56 168	14 264,862	115 962,438	8,129	7,668
							80	57	53 208	13 280,868	101 697,575	7,657	7,196
							81	58	50 051	12 278,020	88 416,707	7,201	6,740
							82	59	46 742	11 269,051	76 138,687	6,756	6,295
							83	60	43 297	10 258,840	64 869,636	6,323	5,862
							84	61	39 672	9 238,291	54 610,796	5,911	5,450
							85	62	35 916	8 219,898	45 372,505	5,520	5,059
							86	63	32 059	7 210,827	37 152,606	5,152	4,691
							87	64	28 191	6 231,737	29 941,780	4,805	4,344
							88	65	24 371	5 294,771	23 710,043	4,478	4,017
							89	66	20 628	4 404,577	18 415,271	4,181	3,720
							90	67	17 070	3 582,104	14 010,695	3,911	3,450
							91	68	13 809	2 847,980	10 428,591	3,662	3,201
							92	69	10 925	2 214,455	7 580,611	3,423	2,962
							93	70	8 381	1 669,495	5 366,155	3,214	2,753
							94	71	6 249	1 223,327	3 696,661	3,022	2,561
							95	72	4 499	865,663	2 473,333	2,857	2,396
							96	73	3 142	594,253	1 607,671	2,705	2,244
							97	74	2 118	393,620	1 013,418	2,575	2,113
							98	75	1 387	253,356	619,798	2,446	1,985
							99	76	881	158,098	366,441	2,318	1,857
							100	77	533	94,094	208,343	2,214	1,753

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	40 203,477	932 021,728	23,183	22,721
1							51	27	95 391	39 378,031	891 818,251	22,648	22,186
2							52	28	95 030	38 554,210	852 440,220	22,110	21,649
3							53	29	94 628	37 730,722	813 886,010	21,571	21,110
4							54	30	94 178	36 905,297	776 155,288	21,031	20,570
5							55	31	93 679	36 078,701	739 249,991	20,490	20,029
6							56	32	93 117	35 245,188	703 171,290	19,951	19,490
7							57	33	92 496	34 408,047	667 926,102	19,412	18,951
8							58	34	91 810	33 565,437	633 518,055	18,874	18,413
9							59	35	91 066	32 720,849	599 952,618	18,335	17,874
10							60	36	90 232	31 863,755	567 231,768	17,802	17,341
11							61	37	89 328	31 001,741	535 368,013	17,269	16,808
12							62	38	88 337	30 130,570	504 366,272	16,739	16,278
13							63	39	87 250	29 248,094	474 235,702	16,214	15,753
14							64	40	86 064	28 354,212	444 987,608	15,694	15,233
15							65	41	84 794	27 455,309	416 633,396	15,175	14,714
16							66	42	83 431	26 549,386	389 178,086	14,659	14,197
17							67	43	81 963	25 633,719	362 628,700	14,147	13,685
18							68	44	80 409	24 715,195	336 994,981	13,635	13,174
19							69	45	78 755	23 790,574	312 279,786	13,126	12,665
20							70	46	77 012	22 863,835	288 489,212	12,618	12,157
21							71	47	75 189	21 938,754	265 625,377	12,108	11,646
22							72	48	73 219	20 996,416	243 686,623	11,606	11,145
23							73	49	71 186	20 062,448	222 690,206	11,100	10,639
24	0	99 205	65 419,688	2 296 213,643	35,100	34,639	74	50	69 018	19 116,692	202 627,758	10,600	10,138
25	1	98 873	64 079,237	2 230 793,955	34,813	34,352	75	51	66 742	18 168,466	183 511,067	10,101	9,639
26	2	98 807	62 935,320	2 166 714,719	34,428	33,966	76	52	64 323	17 208,811	165 342,600	9,608	9,147
27	3	98 751	61 817,514	2 103 779,398	34,032	33,571	77	53	61 778	16 243,608	148 133,790	9,120	8,658
28	4	98 697	60 720,935	2 041 961,884	33,629	33,167	78	54	59 144	15 283,507	131 890,182	8,630	8,168
29	5	98 642	59 643,502	1 981 240,949	33,218	32,757	79	55	56 343	14 309,398	116 606,675	8,149	7,688
30	6	98 586	58 584,794	1 921 597,447	32,800	32,339	80	56	53 389	13 325,931	102 297,276	7,677	7,215
31	7	98 527	57 542,584	1 863 012,653	32,376	31,915	81	57	50 240	12 324,314	88 971,345	7,219	6,758
32	8	98 466	56 517,775	1 805 470,069	31,945	31,484	82	58	46 938	11 316,281	76 647,031	6,773	6,312
33	9	98 399	55 507,792	1 748 952,294	31,508	31,047	83	59	43 498	10 306,606	65 330,751	6,339	5,878
34	10	98 325	54 511,968	1 693 444,502	31,066	30,604	84	60	39 876	9 285,898	55 024,145	5,926	5,464
35	11	98 250	53 533,790	1 638 932,534	30,615	30,154	85	61	36 118	8 266,074	45 738,247	5,533	5,072
36	12	98 168	52 569,296	1 585 398,745	30,158	29,697	86	62	32 256	7 255,243	37 472,173	5,165	4,704
37	13	98 075	51 616,267	1 532 829,449	29,697	29,235	87	63	28 382	6 274,151	30 216,930	4,816	4,355
38	14	97 970	50 673,908	1 481 213,182	29,230	28,769	88	64	24 553	5 334,292	23 942,779	4,488	4,027
39	15	97 861	49 747,176	1 430 539,274	28,756	28,295	89	65	20 795	4 440,159	18 608,487	4,191	3,730
40	16	97 737	48 829,467	1 380 792,099	28,278	27,817	90	66	17 221	3 613,752	14 168,328	3,921	3,459
41	17	97 603	47 924,131	1 331 962,631	27,793	27,332	91	67	13 940	2 874,883	10 554,576	3,671	3,210
42	18	97 449	47 025,454	1 284 038,500	27,305	26,844	92	68	11 038	2 237,285	7 679,693	3,433	2,971
43	19	97 296	46 143,793	1 237 013,046	26,808	26,347	93	69	8 479	1 688,997	5 442,408	3,222	2,761
44	20	97 124	45 270,404	1 190 869,253	26,306	25,844	94	70	6 328	1 238,877	3 753,412	3,030	2,568
45	21	96 940	44 407,387	1 145 598,848	25,797	25,336	95	71	4 562	877,789	2 514,534	2,865	2,403
46	22	96 742	43 554,205	1 101 191,462	25,283	24,822	96	72	3 190	603,270	1 636,746	2,713	2,252
47	23	96 526	42 709,653	1 057 637,257	24,763	24,302	97	73	2 154	400,320	1 033,475	2,582	2,120
48	24	96 285	41 870,371	1 014 927,604	24,240	23,779	98	74	1 413	258,051	633,155	2,454	1,992
49	25	96 017	41 035,505	973 057,233	23,713	23,251	99	75	899	161,345	375,105	2,325	1,864
							100	76	545	96,226	213,760	2,221	1,760

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	40 211,295	933 175,022	23,207	22,746
1							51	26	95 408	39 385,051	892 963,727	22,673	22,211
2							52	27	95 050	38 562,298	853 578,677	22,135	21,674
3							53	28	94 650	37 739,704	815 016,379	21,596	21,135
4							54	29	94 201	36 914,406	777 276,674	21,056	20,595
5							55	30	93 706	36 088,906	740 362,269	20,515	20,054
6							56	31	93 147	35 256,541	704 273,362	19,976	19,514
7							57	32	92 527	34 419,609	669 016,821	19,437	18,976
8							58	33	91 842	33 577,197	634 597,212	18,900	18,438
9							59	34	91 101	32 733,347	601 020,016	18,361	17,900
10							60	35	90 274	31 878,641	568 286,669	17,827	17,365
11							61	36	89 370	31 016,532	536 408,028	17,294	16,833
12							62	37	88 381	30 145,791	505 391,497	16,765	16,304
13							63	38	87 298	29 264,310	475 245,705	16,240	15,779
14							64	39	86 120	28 372,673	445 981,395	15,719	15,257
15							65	40	84 847	27 472,703	417 608,722	15,201	14,740
16							66	41	83 492	26 568,860	390 136,019	14,684	14,223
17							67	42	82 029	25 654,418	363 567,160	14,172	13,711
18							68	43	80 481	24 737,352	337 912,741	13,660	13,199
19							69	44	78 830	23 813,098	313 175,389	13,151	12,690
20							70	45	77 095	22 888,456	289 362,292	12,642	12,181
21							71	46	75 278	21 964,764	266 473,836	12,132	11,671
22							72	47	73 314	21 023,734	244 509,072	11,630	11,169
23							73	48	71 294	20 092,931	223 485,338	11,123	10,661
24							74	49	69 134	19 148,940	203 392,406	10,622	10,160
25	0	99 160	64 265,083	2 232 271,652	34,735	34,274	75	50	66 865	18 202,029	184 243,467	10,122	9,661
26	1	98 829	62 949,321	2 168 006,569	34,441	33,979	76	51	64 457	17 244,619	166 041,438	9,629	9,167
27	2	98 764	61 825,638	2 105 057,249	34,048	33,587	77	52	61 914	16 279,495	148 796,818	9,140	8,679
28	3	98 706	60 726,990	2 043 231,611	33,646	33,185	78	53	59 291	15 321,483	132 517,324	8,649	8,188
29	4	98 651	59 648,993	1 982 504,621	33,236	32,775	79	54	56 499	14 348,919	117 195,841	8,168	7,706
30	5	98 593	58 588,774	1 922 855,628	32,820	32,358	80	55	53 556	13 367,536	102 846,922	7,694	7,233
31	6	98 534	57 546,786	1 864 266,854	32,396	31,934	81	56	50 411	12 366,131	89 479,386	7,236	6,775
32	7	98 471	56 520,467	1 806 720,068	31,966	31,505	82	57	47 115	11 358,948	77 113,255	6,789	6,328
33	8	98 406	55 511,793	1 750 199,600	31,528	31,067	83	58	43 681	10 349,801	65 754,307	6,353	5,892
34	9	98 330	54 514,865	1 694 687,808	31,087	30,626	84	59	40 062	9 329,134	55 404,506	5,939	5,478
35	10	98 255	53 536,766	1 640 172,942	30,636	30,175	85	60	36 304	8 308,671	46 075,372	5,545	5,084
36	11	98 176	52 573,339	1 586 636,176	30,179	29,718	86	61	32 437	7 295,999	37 766,701	5,176	4,715
37	12	98 082	51 619,529	1 534 062,838	29,719	29,257	87	62	28 557	6 312,798	30 470,701	4,827	4,366
38	13	97 978	50 677,913	1 482 443,309	29,252	28,791	88	63	24 720	5 370,598	24 157,904	4,498	4,037
39	14	97 870	49 751,765	1 431 765,395	28,778	28,317	89	64	20 950	4 473,300	18 787,305	4,200	3,739
40	15	97 748	48 835,121	1 382 013,630	28,300	27,838	90	65	17 360	3 642,946	14 314,005	3,929	3,468
41	16	97 616	47 930,258	1 333 178,509	27,815	27,354	91	66	14 063	2 900,283	10 671,059	3,679	3,218
42	17	97 462	47 031,552	1 285 248,251	27,327	26,866	92	67	11 142	2 258,419	7 770,776	3,441	2,980
43	18	97 311	46 151,285	1 238 216,699	26,830	26,368	93	68	8 566	1 706,409	5 512,357	3,230	2,769
44	19	97 140	45 277,846	1 192 065,414	26,328	25,867	94	69	6 402	1 253,349	3 805,949	3,037	2,575
45	20	96 956	44 414,656	1 146 787,567	25,820	25,359	95	70	4 620	888,947	2 552,600	2,871	2,410
46	21	96 758	43 561,601	1 102 372,911	25,306	24,845	96	71	3 235	611,721	1 663,653	2,720	2,258
47	22	96 542	42 716,820	1 058 811,309	24,787	24,326	97	72	2 187	406,395	1 051,932	2,588	2,127
48	23	96 301	41 877,220	1 016 094,489	24,264	23,802	98	73	1 437	262,443	645,538	2,460	1,999
49	24	96 032	41 042,247	974 217,269	23,737	23,276	99	74	915	164,334	383,095	2,331	1,870
							100	75	557	98,201	218,760	2,228	1,766

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	3 868 936,187	38,689	38,228	50	50	94 198	34 997,366	712 214,034	20,351	19,889
1	1	99 373	97 424,700	3 768 936,187	38,686	38,224	51	51	93 723	34 137,826	677 216,668	19,838	19,376
2	2	99 327	95 470,090	3 671 511,487	38,457	37,996	52	52	93 193	33 279,460	643 078,842	19,324	18,862
3	3	99 301	93 573,380	3 576 041,396	38,216	37,755	53	53	92 616	32 424,910	609 799,382	18,807	18,345
4	4	99 279	91 718,588	3 482 468,017	37,969	37,507	54	54	91 970	31 567,197	577 374,472	18,290	17,829
5	5	99 259	89 901,647	3 390 749,429	37,716	37,255	55	55	91 257	30 708,420	545 807,275	17,774	17,312
6	6	99 243	88 124,872	3 300 847,782	37,456	36,995	56	56	90 456	29 841,917	515 098,856	17,261	16,799
7	7	99 227	86 382,846	3 212 722,910	37,192	36,730	57	57	89 579	28 973,168	485 256,938	16,748	16,287
8	8	99 212	84 676,801	3 126 340,064	36,921	36,459	58	58	88 612	28 098,311	456 583,771	16,239	15,777
9	9	99 198	83 004,167	3 041 663,262	36,645	36,183	59	59	87 560	27 220,508	428 185,459	15,730	15,269
10	10	99 184	81 365,778	2 958 659,095	36,362	35,901	60	60	86 397	26 332,270	400 964,952	15,227	14,766
11	11	99 172	79 759,995	2 877 293,318	36,074	35,613	61	61	85 133	25 438,210	374 632,682	14,727	14,266
12	12	99 157	78 184,657	2 797 533,322	35,781	35,319	62	62	83 760	24 537,400	349 194,472	14,231	13,770
13	13	99 142	76 639,995	2 719 348,666	35,482	35,020	63	63	82 269	23 627,993	324 657,073	13,740	13,279
14	14	99 125	75 124,329	2 642 708,671	35,178	34,716	64	64	80 655	22 710,039	301 029,079	13,255	12,794
15	15	99 104	73 635,411	2 567 584,342	34,869	34,407	65	65	78 926	21 787,448	278 319,040	12,774	12,313
16	16	99 077	72 172,002	2 493 948,931	34,556	34,094	66	66	77 091	20 863,773	256 531,592	12,296	11,834
17	17	99 041	70 731,642	2 421 776,929	34,239	33,777	67	67	75 132	19 934,924	235 667,819	11,822	11,360
18	18	99 002	69 317,269	2 351 045,287	33,917	33,456	68	68	73 083	19 011,098	215 732,895	11,348	10,886
19	19	98 948	67 920,847	2 281 728,019	33,594	33,132	69	69	70 917	18 085,853	196 721,797	10,877	10,415
20	20	98 892	66 551,255	2 213 807,171	33,265	32,803	70	70	68 620	17 156,992	178 635,944	10,412	9,950
21	21	98 835	65 208,730	2 147 255,916	32,929	32,467	71	71	66 234	16 235,557	161 478,952	9,946	9,484
22	22	98 778	63 893,420	2 082 047,186	32,586	32,125	72	72	63 690	15 305,868	145 243,395	9,489	9,028
23	23	98 720	62 603,842	2 018 153,766	32,237	31,775	73	73	61 089	14 392,940	129 937,528	9,028	8,566
24	24	98 662	61 340,491	1 955 549,924	31,880	31,419	74	74	58 335	13 474,563	115 544,587	8,575	8,113
25	25	98 601	60 100,315	1 894 209,433	31,517	31,056	75	75	55 488	12 565,579	102 070,024	8,123	7,661
26	26	98 538	58 884,402	1 834 109,118	31,148	30,686	76	76	52 510	11 658,026	89 504,445	7,677	7,216
27	27	98 477	57 694,082	1 775 224,716	30,770	30,308	77	77	49 424	10 757,766	77 846,419	7,236	6,775
28	28	98 412	56 525,528	1 717 530,634	30,385	29,923	78	78	46 298	9 879,884	67 088,654	6,790	6,329
29	29	98 343	55 378,370	1 661 005,106	29,994	29,532	79	79	43 025	9 001,243	57 208,770	6,356	5,894
30	30	98 271	54 252,344	1 605 626,736	29,596	29,134	80	80	39 636	8 129,734	48 207,527	5,930	5,468
31	31	98 191	53 145,451	1 551 374,392	29,191	28,729	81	81	36 105	7 260,332	40 077,793	5,520	5,058
32	32	98 103	52 056,727	1 498 228,941	28,781	28,319	82	82	32 491	6 405,447	32 817,461	5,123	4,662
33	33	98 010	50 987,696	1 446 172,215	28,363	27,902	83	83	28 815	5 569,341	26 412,014	4,742	4,281
34	34	97 907	49 935,396	1 395 184,519	27,940	27,478	84	84	25 074	4 751,224	20 842,673	4,387	3,925
35	35	97 801	48 903,188	1 345 249,123	27,508	27,047	85	85	21 372	3 970,284	16 091,449	4,053	3,591
36	36	97 682	47 885,734	1 296 345,935	27,072	26,610	86	86	17 779	3 238,142	12 121,165	3,743	3,282
37	37	97 549	46 882,972	1 248 460,200	26,629	26,168	87	87	14 398	2 570,923	8 883,023	3,455	2,994
38	38	97 402	45 894,661	1 201 577,228	26,181	25,720	88	88	11 298	1 977,744	6 312,100	3,192	2,730
39	39	97 249	44 924,143	1 155 682,567	25,725	25,264	89	89	8 548	1 467,001	4 334,356	2,955	2,493
40	40	97 074	43 963,800	1 110 758,424	25,265	24,804	90	90	6 217	1 046,004	2 867,356	2,741	2,280
41	41	96 892	43 021,168	1 066 794,624	24,797	24,335	91	91	4 330	714,232	1 821,351	2,550	2,088
42	42	96 681	42 085,557	1 023 773,456	24,326	23,864	92	92	2 887	466,833	1 107,119	2,372	1,910
43	43	96 466	41 168,740	981 687,899	23,845	23,384	93	93	1 819	288,431	640,287	2,220	1,758
44	44	96 226	40 261,052	940 519,159	23,361	22,899	94	94	1 086	168,789	351,856	2,085	1,623
45	45	95 968	39 365,913	900 258,107	22,869	22,407	95	95	611	93,094	183,066	1,966	1,505
46	46	95 685	38 480,064	860 892,195	22,372	21,911	96	96	323	48,263	89,972	1,864	1,403
47	47	95 375	37 603,154	822 412,131	21,871	21,409	97	97	160	23,374	41,709	1,784	1,323
48	48	95 029	36 732,090	784 808,977	21,366	20,904	98	98	75	10,781	18,336	1,701	1,239
49	49	94 635	35 862,853	748 076,887	20,859	20,398	99	99	33	4,664	7,555	1,620	1,158
							100	100	13	1,860	2,891	1,555	1,093

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	3 859 409,909	38,706	38,244	50	51	94 025	34 932,834	703 880,463	20,150	19,688
1	2	99 351	97 403,032	3 759 699,096	38,599	38,138	51	52	93 528	34 066,939	668 947,629	19,636	19,175
2	3	99 314	95 457,545	3 662 296,064	38,366	37,904	52	53	92 988	33 206,098	634 880,690	19,119	18,658
3	4	99 291	93 564,050	3 566 838,519	38,122	37,660	53	54	92 387	32 344,542	601 674,592	18,602	18,140
4	5	99 270	91 710,145	3 473 274,468	37,872	37,411	54	55	91 717	31 480,252	569 330,050	18,085	17,624
5	6	99 252	89 895,539	3 381 564,324	37,617	37,155	55	56	90 973	30 612,843	537 849,798	17,569	17,108
6	7	99 236	88 118,438	3 291 668,785	37,355	36,893	56	57	90 150	29 741,004	507 236,954	17,055	16,594
7	8	99 222	86 378,732	3 203 550,347	37,087	36,626	57	58	89 242	28 864,336	477 495,950	16,543	16,081
8	9	99 205	84 670,699	3 117 171,615	36,815	36,354	58	59	88 242	27 981,041	448 631,614	16,033	15,572
9	10	99 192	82 999,755	3 032 500,916	36,536	36,075	59	60	87 154	27 094,355	420 650,573	15,525	15,064
10	11	99 179	81 361,254	2 949 501,161	36,252	35,790	60	61	85 954	26 197,269	393 556,218	15,023	14,561
11	12	99 164	79 753,862	2 868 139,907	35,962	35,501	61	62	84 657	25 296,107	367 358,949	14,522	14,061
12	13	99 151	78 179,716	2 788 386,045	35,666	35,205	62	63	83 248	24 387,184	342 062,842	14,026	13,565
13	14	99 134	76 633,937	2 710 206,330	35,366	34,904	63	64	81 713	23 468,264	317 675,658	13,536	13,075
14	15	99 116	75 117,399	2 633 572,393	35,059	34,598	64	65	80 057	22 541,785	294 207,394	13,052	12,590
15	16	99 092	73 626,886	2 558 454,994	34,749	34,287	65	66	78 293	21 612,850	271 665,609	12,570	12,108
16	17	99 064	72 162,776	2 484 828,108	34,434	33,972	66	67	76 416	20 681,053	250 052,759	12,091	11,629
17	18	99 029	70 722,471	2 412 665,332	34,115	33,653	67	68	74 429	19 748,375	229 371,706	11,615	11,153
18	19	98 986	69 306,017	2 341 942,861	33,791	33,330	68	69	72 338	18 817,109	209 623,331	11,140	10,678
19	20	98 932	67 909,683	2 272 636,844	33,466	33,004	69	70	70 098	17 877,028	190 806,222	10,673	10,212
20	21	98 875	66 540,362	2 204 727,161	33,134	32,672	70	71	67 759	16 941,641	172 929,194	10,207	9,746
21	22	98 818	65 197,658	2 138 186,799	32,795	32,334	71	72	65 319	16 011,271	155 987,552	9,742	9,281
22	23	98 761	63 882,700	2 072 989,141	32,450	31,988	72	73	62 738	15 077,077	139 976,281	9,284	8,822
23	24	98 704	62 593,602	2 009 106,441	32,098	31,636	73	74	60 066	14 152,059	124 899,204	8,826	8,364
24	25	98 646	61 330,415	1 946 512,839	31,738	31,277	74	75	57 274	13 229,432	110 747,145	8,371	7,910
25	26	98 582	60 088,631	1 885 182,424	31,373	30,912	75	76	54 371	12 312,760	97 517,713	7,920	7,458
26	27	98 521	58 873,907	1 825 093,793	31,000	30,538	76	77	51 346	11 399,814	85 204,953	7,474	7,013
27	28	98 457	57 681,981	1 766 219,887	30,620	30,158	77	78	48 241	10 500,242	73 805,138	7,029	6,567
28	29	98 389	56 512,076	1 708 537,906	30,233	29,772	78	79	45 039	9 611,077	63 304,897	6,587	6,125
29	30	98 319	55 364,704	1 652 025,830	29,839	29,377	79	80	41 699	8 723,929	53 693,820	6,155	5,693
30	31	98 243	54 237,002	1 596 661,126	29,439	28,977	80	81	38 238	7 843,068	44 969,891	5,734	5,272
31	32	98 159	53 128,338	1 542 424,123	29,032	28,570	81	82	34 646	6 966,903	37 126,823	5,329	4,867
32	33	98 070	52 039,240	1 489 295,786	28,619	28,157	82	83	30 964	6 104,376	30 159,920	4,941	4,479
33	34	97 976	50 969,839	1 437 256,545	28,198	27,737	83	84	27 224	5 261,936	24 055,544	4,572	4,110
34	35	97 870	49 916,331	1 386 286,707	27,772	27,311	84	85	23 474	4 448,153	18 793,608	4,225	3,763
35	36	97 755	48 880,353	1 336 370,376	27,340	26,878	85	86	19 797	3 677,699	14 345,455	3,901	3,439
36	37	97 635	47 862,900	1 287 490,023	26,900	26,438	86	87	16 263	2 961,998	10 667,756	3,602	3,140
37	38	97 499	46 859,299	1 239 627,123	26,454	25,993	87	88	12 971	2 316,158	7 705,757	3,327	2,865
38	39	97 348	45 869,231	1 192 767,824	26,004	25,542	88	89	10 018	1 753,658	5 389,600	3,073	2,612
39	40	97 186	44 894,913	1 146 898,593	25,546	25,085	89	90	7 447	1 278,042	3 635,942	2,845	2,383
40	41	97 012	43 935,965	1 102 003,680	25,082	24,620	90	91	5 302	892,119	2 357,900	2,643	2,181
41	42	96 821	42 989,636	1 058 067,714	24,612	24,151	91	92	3 611	595,721	1 465,781	2,461	1,999
42	43	96 603	42 051,601	1 015 078,078	24,139	23,677	92	93	2 344	379,093	870,060	2,295	1,833
43	44	96 380	41 131,865	973 026,478	23,656	23,195	93	94	1 438	228,017	490,967	2,153	1,692
44	45	96 135	40 222,971	931 894,613	23,168	22,707	94	95	837	130,059	262,950	2,022	1,560
45	46	95 865	39 323,568	891 671,642	22,675	22,214	95	96	456	69,425	132,891	1,914	1,453
46	47	95 572	38 434,496	852 348,074	22,177	21,715	96	97	233	34,782	63,466	1,825	1,363
47	48	95 251	37 554,293	813 913,577	21,673	21,211	97	98	113	16,485	28,684	1,740	1,278
48	49	94 884	36 676,363	776 359,284	21,168	20,706	98	99	51	7,341	12,199	1,662	1,200
49	50	94 476	35 802,458	739 682,921	20,660	20,199	99	100	22	3,063	4,858	1,586	1,124

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	3 849 476,632	38,615	38,153	50	52	93 830	34 860,296	694 935,903	19,935	19,473
1	3	99 338	97 390,233	3 749 787,996	38,503	38,041	51	53	93 322	33 991,841	660 075,607	19,419	18,957
2	4	99 304	95 448,028	3 652 397,763	38,266	37,804	52	54	92 757	33 123,794	626 083,766	18,901	18,440
3	5	99 282	93 555,437	3 556 949,735	38,020	37,558	53	55	92 132	32 255,456	592 959,972	18,383	17,922
4	6	99 263	91 703,914	3 463 394,297	37,767	37,306	54	56	91 431	31 382,274	560 704,516	17,867	17,405
5	7	99 245	89 888,976	3 371 690,384	37,509	37,048	55	57	90 665	30 509,323	529 322,242	17,350	16,888
6	8	99 231	88 114,241	3 281 801,408	37,245	36,783	56	58	89 811	29 629,288	498 812,919	16,835	16,374
7	9	99 215	86 372,570	3 193 687,168	36,976	36,514	57	59	88 870	28 743,869	469 183,630	16,323	15,861
8	10	99 200	84 666,199	3 107 314,661	36,701	36,239	58	60	87 833	27 851,364	440 439,762	15,814	15,352
9	11	99 187	82 995,141	3 022 648,463	36,420	35,958	59	61	86 708	26 955,448	412 588,398	15,306	14,845
10	12	99 171	81 354,997	2 939 653,322	36,134	35,672	60	62	85 474	26 050,926	385 632,950	14,803	14,341
11	13	99 158	79 748,821	2 858 298,324	35,841	35,380	61	63	84 139	25 141,246	359 582,024	14,302	13,841
12	14	99 143	78 173,536	2 778 549,503	35,543	35,082	62	64	82 685	24 222,322	334 440,777	13,807	13,346
13	15	99 125	76 626,868	2 700 375,967	35,241	34,779	63	65	81 108	23 294,392	310 218,455	13,317	12,856
14	16	99 104	75 108,702	2 623 749,099	34,933	34,471	64	66	79 415	22 361,142	286 924,063	12,831	12,370
15	17	99 079	73 617,473	2 548 640,397	34,620	34,158	65	67	77 607	21 423,570	264 562,921	12,349	11,888
16	18	99 051	72 153,420	2 475 022,924	34,302	33,841	66	68	75 701	20 487,521	243 139,351	11,868	11,406
17	19	99 012	70 710,991	2 402 869,504	33,982	33,520	67	69	73 670	19 546,863	222 651,830	11,391	10,929
18	20	98 970	69 294,625	2 332 158,512	33,656	33,194	68	70	71 502	18 599,841	203 104,967	10,920	10,458
19	21	98 915	67 898,568	2 262 863,887	33,327	32,866	69	71	69 218	17 652,640	184 505,126	10,452	9,990
20	22	98 859	66 529,063	2 194 965,319	32,993	32,531	70	72	66 823	16 707,601	166 852,486	9,987	9,525
21	23	98 801	65 186,719	2 128 436,256	32,651	32,190	71	73	64 342	15 771,936	150 144,885	9,520	9,058
22	24	98 745	63 872,252	2 063 249,537	32,303	31,841	72	74	61 888	14 824,746	134 372,949	9,064	8,602
23	25	98 688	62 583,320	1 999 377,285	31,947	31,486	73	75	59 974	13 894,603	119 548,202	8,604	8,142
24	26	98 627	61 318,491	1 936 793,965	31,586	31,124	74	76	56 121	12 963,256	105 653,599	8,150	7,689
25	27	98 564	60 077,920	1 875 475,474	31,217	30,756	75	77	53 167	12 040,047	92 690,343	7,699	7,237
26	28	98 500	58 861,558	1 815 397,553	30,842	30,380	76	78	50 117	11 126,921	80 650,296	7,248	6,787
27	29	98 433	57 668,253	1 756 535,995	30,459	29,998	77	79	46 928	10 214,556	69 523,375	6,806	6,345
28	30	98 365	56 498,130	1 698 867,742	30,069	29,608	78	80	43 651	9 314,975	59 308,819	6,367	5,905
29	31	98 291	55 349,048	1 642 369,612	29,673	29,211	79	81	40 229	8 416,310	49 993,844	5,940	5,479
30	32	98 211	54 219,538	1 587 020,564	29,270	28,809	80	82	36 693	7 526,088	41 577,534	5,524	5,063
31	33	98 126	53 110,491	1 532 801,026	28,861	28,399	81	83	33 018	6 639,443	34 051,446	5,129	4,667
32	34	98 036	52 021,015	1 479 690,534	28,444	27,982	82	84	29 255	5 767,440	27 412,003	4,753	4,291
33	35	97 938	50 950,379	1 427 669,520	28,021	27,559	83	85	25 488	4 926,288	21 644,563	4,394	3,932
34	36	97 824	49 893,023	1 376 719,141	27,593	27,132	84	86	21 744	4 120,352	16 718,275	4,057	3,596
35	37	97 709	48 857,044	1 326 826,118	27,157	26,696	85	87	18 108	3 364,070	12 597,923	3,745	3,283
36	38	97 586	47 838,732	1 277 969,074	26,714	26,252	86	88	14 651	2 668,480	9 233,853	3,460	2,999
37	39	97 445	46 833,334	1 230 130,341	26,266	25,805	87	89	11 502	2 053,728	6 565,373	3,197	2,735
38	40	97 285	45 839,386	1 183 297,007	25,814	25,352	88	90	8 727	1 527,776	4 511,646	2,953	2,491
39	41	97 124	44 866,489	1 137 457,621	25,352	24,890	89	91	6 351	1 090,020	2 983,870	2,737	2,276
40	42	96 941	43 903,763	1 092 591,132	24,886	24,424	90	92	4 422	744,092	1 893,850	2,545	2,084
41	43	96 743	42 954,950	1 048 687,369	24,414	23,952	91	93	2 933	483,757	1 149,758	2,377	1,915
42	44	96 516	42 013,935	1 005 732,419	23,938	23,476	92	94	1 853	299,689	666,001	2,222	1,761
43	45	96 289	41 092,960	963 718,484	23,452	22,991	93	95	1 108	175,697	366,312	2,085	1,623
44	46	96 032	40 179,704	922 625,524	22,962	22,501	94	96	624	96,991	190,615	1,965	1,504
45	47	95 752	39 277,002	882 445,819	22,467	22,006	95	97	328	50,034	93,624	1,871	1,410
46	48	95 447	38 384,556	843 168,818	21,966	21,505	96	98	164	24,531	43,590	1,777	1,315
47	49	95 106	37 497,319	804 784,262	21,462	21,001	97	99	77	11,226	19,060	1,698	1,236
48	50	94 725	36 614,598	767 286,943	20,956	20,494	98	100	34	4,821	7,834	1,625	1,163
49	51	94 302	35 736,441	730 672,345	20,446	19,985							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	3 838 843,889	38,513	38,052	50	53	93 623	34 783,449	685 364,423	19,704	19,242
1	4	99 328	97 380,523	3 739 168,353	38,397	37,936	51	54	93 091	33 907,589	650 580,974	19,187	18,725
2	5	99 295	95 439,242	3 641 787,830	38,158	37,697	52	55	92 502	33 032,562	616 673,385	18,669	18,207
3	6	99 275	93 549,081	3 546 348,588	37,909	37,447	53	56	91 846	32 155,065	583 640,822	18,151	17,689
4	7	99 256	91 697,218	3 452 799,507	37,654	37,193	54	57	91 122	31 276,152	551 485,757	17,633	17,171
5	8	99 240	89 884,694	3 361 102,289	37,393	36,932	55	58	90 325	30 394,721	520 209,606	17,115	16,654
6	9	99 224	88 107,890	3 271 217,595	37,127	36,666	56	59	89 436	29 505,628	489 814,884	16,601	16,139
7	10	99 210	86 367,916	3 183 109,705	36,855	36,394	57	60	88 458	28 610,656	460 309,256	16,089	15,627
8	11	99 194	84 661,492	3 096 741,789	36,588	36,116	58	61	87 382	27 708,575	431 698,600	15,580	15,118
9	12	99 179	82 988,758	3 012 080,297	36,295	35,833	59	62	86 223	26 804,870	403 990,024	15,072	14,610
10	13	99 165	81 349,856	2 929 091,539	36,006	35,544	60	63	84 951	25 891,445	377 185,155	14,568	14,106
11	14	99 150	79 742,518	2 847 741,683	35,712	35,250	61	64	83 570	24 971,287	351 293,710	14,068	13,606
12	15	99 134	78 166,325	2 767 999,165	35,412	34,950	62	65	82 072	24 042,864	326 322,423	13,573	13,111
13	16	99 114	76 617,996	2 689 832,840	35,107	34,645	63	66	80 458	23 107,718	302 279,559	13,081	12,620
14	17	99 092	75 099,100	2 613 214,844	34,797	34,335	64	67	78 720	22 165,309	279 171,841	12,595	12,133
15	18	99 067	73 607,929	2 538 115,744	34,482	34,020	65	68	76 881	21 223,089	257 006,532	12,110	11,648
16	19	99 035	72 141,708	2 464 507,815	34,162	33,700	66	69	74 928	20 278,467	235 783,443	11,627	11,166
17	20	98 996	70 699,369	2 392 366,107	33,839	33,377	67	70	72 819	19 321,169	215 504,976	11,154	10,692
18	21	98 954	69 283,283	2 321 666,738	33,510	33,048	68	71	70 605	18 366,380	196 183,807	10,682	10,220
19	22	98 899	67 887,039	2 252 383,455	33,178	32,717	69	72	68 262	17 408,778	177 817,427	10,214	9,753
20	23	98 842	66 517,901	2 184 496,417	32,841	32,379	70	73	65 824	16 457,858	160 408,649	9,747	9,285
21	24	98 785	65 176,057	2 117 978,515	32,496	32,035	71	74	63 266	15 507,976	143 950,791	9,282	8,821
22	25	98 729	63 861,759	2 052 802,458	32,144	31,683	72	75	60 566	14 555,053	128 442,815	8,825	8,363
23	26	98 668	62 571,153	1 988 940,699	31,787	31,325	73	76	57 787	13 615,044	113 887,762	8,365	7,903
24	27	98 609	61 307,562	1 926 369,546	31,421	30,960	74	77	54 878	12 676,135	100 272,718	7,910	7,449
25	28	98 544	60 065,319	1 865 061,984	31,051	30,589	75	78	51 894	11 751,827	87 596,582	7,454	6,992
26	29	98 477	58 847,550	1 804 996,665	30,672	30,211	76	79	48 754	10 824,185	75 844,755	7,007	6,545
27	30	98 409	57 654,022	1 746 149,115	30,287	29,825	77	80	45 482	9 899,862	65 020,570	6,568	6,106
28	31	98 337	56 482,153	1 688 495,092	29,894	29,433	78	81	42 112	8 986,515	55 120,708	6,134	5,672
29	32	98 260	55 331,225	1 632 012,939	29,495	29,034	79	82	38 603	8 076,162	46 134,193	5,712	5,251
30	33	98 178	54 201,325	1 576 681,713	29,089	28,628	80	83	34 968	7 172,344	38 058,031	5,306	4,845
31	34	98 092	53 091,891	1 522 480,388	28,676	28,215	81	84	31 195	6 272,973	30 885,686	4,924	4,462
32	35	97 998	52 001,154	1 469 388,497	28,257	27,795	82	85	27 389	5 399,546	24 612,713	4,558	4,097
33	36	97 893	50 926,588	1 417 387,344	27,832	27,370	83	86	23 610	4 563,251	19 213,167	4,210	3,749
34	37	97 777	49 869,231	1 366 460,756	27,401	26,939	84	87	19 890	3 768,974	14 649,915	3,887	3,425
35	38	97 659	48 832,375	1 316 591,525	26,961	26,500	85	88	16 314	3 030,709	10 880,941	3,590	3,129
36	39	97 532	47 812,224	1 267 759,150	26,515	26,054	86	89	12 991	2 366,130	7 850,232	3,318	2,856
37	40	97 382	46 802,862	1 219 946,925	26,066	25,604	87	90	10 020	1 789,195	5 484,102	3,065	2,604
38	41	97 223	45 810,364	1 173 144,063	25,609	25,147	88	91	7 443	1 303,014	3 694,907	2,836	2,374
39	42	97 053	44 833,604	1 127 333,699	25,145	24,683	89	92	5 297	909,155	2 391,894	2,631	2,169
40	43	96 863	43 868,339	1 082 500,095	24,676	24,215	90	93	3 591	604,243	1 482,739	2,454	1,992
41	44	96 657	42 916,475	1 038 631,756	24,201	23,740	91	94	2 318	382,430	878,496	2,297	1,836
42	45	96 425	41 974,196	995 715,281	23,722	23,260	92	95	1 428	230,923	496,066	2,148	1,687
43	46	96 185	41 048,758	953 741,084	23,234	22,773	93	96	826	131,025	265,142	2,024	1,562
44	47	95 918	40 132,124	912 692,326	22,742	22,281	94	97	450	69,900	134,117	1,919	1,457
45	48	95 627	39 225,966	872 560,202	22,244	21,783	95	98	232	35,287	64,217	1,820	1,358
46	49	95 303	38 326,322	833 334,236	21,743	21,282	96	99	112	16,705	28,930	1,732	1,270
47	50	94 946	37 434,171	795 007,913	21,237	20,776	97	100	50	7,372	12,225	1,658	1,197
48	51	94 550	36 547,084	757 573,742	20,729	20,267							
49	52	94 106	35 662,235	721 026,658	20,218	19,757							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	3 827 479,982	38,403	37,942	50	54	93 391	34 697,236	675 149,549	19,458	18,997
1	5	99 319	97 371,559	3 727 814,384	38,284	37,823	51	55	92 834	33 814,199	640 452,314	18,940	18,479
2	6	99 288	95 432,757	3 630 442,825	38,042	37,580	52	56	92 214	32 929,753	606 638,115	18,422	17,961
3	7	99 268	93 542,251	3 535 010,068	37,791	37,329	53	57	91 535	32 046,330	573 708,362	17,902	17,441
4	8	99 251	91 692,850	3 441 467,817	37,533	37,071	54	58	90 780	31 158,669	541 662,032	17,384	16,922
5	9	99 233	89 878,216	3 349 774,967	37,270	36,809	55	59	89 948	30 267,867	510 503,363	16,866	16,405
6	10	99 219	88 103,207	3 259 896,750	37,001	36,539	56	60	89 022	29 368,886	480 235,496	16,352	15,890
7	11	99 204	86 363,114	3 171 793,543	36,726	36,265	57	61	88 005	28 463,975	450 866,611	15,840	15,378
8	12	99 187	84 654,981	3 085 430,429	36,447	35,986	58	62	86 894	27 553,790	422 402,636	15,330	14,868
9	13	99 173	82 983,514	3 000 775,448	36,161	35,699	59	63	85 695	26 640,773	394 848,846	14,821	14,360
10	14	99 157	81 343,426	2 917 791,934	35,870	35,408	60	64	84 376	25 716,414	368 208,073	14,318	13,856
11	15	99 141	79 735,162	2 836 448,508	35,573	35,112	61	65	82 951	24 786,280	342 491,659	13,818	13,356
12	16	99 122	78 157,275	2 756 713,346	35,271	34,810	62	66	81 415	23 850,192	317 705,380	13,321	12,859
13	17	99 101	76 608,201	2 678 556,071	34,964	34,503	63	67	79 753	22 905,346	293 855,188	12,829	12,367
14	18	99 079	75 089,364	2 601 947,870	34,651	34,190	64	68	77 983	21 957,887	270 949,842	12,340	11,878
15	19	99 050	73 595,980	2 526 858,506	34,334	33,873	65	69	76 097	21 006,529	248 991,955	11,853	11,391
16	20	99 019	72 129,851	2 453 262,526	34,012	33,550	66	70	74 063	20 044,326	227 985,425	11,374	10,912
17	21	98 980	70 687,797	2 381 132,675	33,685	33,224	67	71	71 905	19 078,654	207 941,099	10,899	10,438
18	22	98 937	69 271,519	2 310 444,879	33,353	32,892	68	72	69 630	18 112,658	188 862,445	10,427	9,965
19	23	98 882	67 875,649	2 241 173,360	33,019	32,557	69	73	67 242	17 148,553	170 749,787	9,957	9,495
20	24	98 826	66 507,022	2 173 297,711	32,678	32,216	70	74	64 723	16 182,418	153 601,234	9,492	9,030
21	25	98 769	65 165,351	2 106 790,689	32,330	31,868	71	75	62 115	15 225,853	137 418,816	9,025	8,564
22	26	98 710	63 849,344	2 041 625,338	31,976	31,514	72	76	59 347	14 262,205	122 192,962	8,568	8,106
23	27	98 651	62 560,000	1 977 775,995	31,614	31,152	73	77	56 507	13 313,487	107 930,757	8,107	7,645
24	28	98 589	61 294,703	1 915 215,994	31,246	30,784	74	78	53 564	12 372,689	94 617,270	7,647	7,186
25	29	98 520	60 051,024	1 853 921,292	30,872	30,411	75	79	50 482	11 432,089	82 244,581	7,194	6,733
26	30	98 452	58 833,028	1 793 870,267	30,491	30,029	76	80	47 252	10 490,709	70 812,492	6,750	6,288
27	31	98 381	57 637,719	1 735 037,239	30,102	29,641	77	81	43 879	9 550,778	60 321,782	6,316	5,854
28	32	98 305	56 463,966	1 677 399,520	29,707	29,246	78	82	40 410	8 623,322	50 771,004	5,888	5,426
29	33	98 227	55 312,639	1 620 935,554	29,305	28,843	79	83	36 788	7 696,564	42 147,682	5,476	5,015
30	34	98 144	54 182,342	1 565 622,915	28,895	28,434	80	84	33 038	6 776,461	34 451,118	5,084	4,622
31	35	98 055	53 071,621	1 511 440,573	28,479	28,018	81	85	29 205	5 872,833	27 674,657	4,712	4,251
32	36	97 953	51 976,872	1 458 368,952	28,058	27,596	82	86	25 370	5 001,633	21 801,824	4,359	3,897
33	37	97 846	50 902,303	1 406 392,080	27,629	27,168	83	87	21 596	4 174,104	16 800,191	4,025	3,563
34	38	97 728	49 844,050	1 355 489,776	27,195	26,733	84	88	17 919	3 395,489	12 626,087	3,718	3,257
35	39	97 605	48 805,316	1 305 645,726	26,752	26,291	85	89	14 466	2 687,317	9 230,598	3,435	2,973
36	40	97 468	47 781,116	1 256 840,409	26,304	25,843	86	90	11 318	2 061,358	6 543,281	3,174	2,713
37	41	97 320	46 773,230	1 209 059,294	25,849	25,388	87	91	8 546	1 525,974	4 481,923	2,937	2,475
38	42	97 152	45 776,788	1 162 286,064	25,390	24,929	88	92	6 208	1 086,807	2 955,949	2,720	2,258
39	43	96 975	44 797,430	1 116 509,276	24,924	24,462	89	93	4 302	738,283	1 869,142	2,532	2,070
40	44	96 776	43 829,046	1 071 711,846	24,452	23,990	90	94	2 839	477,679	1 130,859	2,367	1,906
41	45	96 565	42 875,883	1 027 882,800	23,973	23,512	91	95	1 786	294,679	653,180	2,217	1,755
42	46	96 321	41 929,046	985 006,917	23,492	23,031	92	96	1 065	172,210	358,501	2,082	1,620
43	47	96 071	41 000,149	943 077,871	23,002	22,540	93	97	596	94,428	186,291	1,973	1,511
44	48	95 793	40 079,978	902 077,722	22,507	22,045	94	98	317	49,298	91,863	1,863	1,402
45	49	95 482	39 166,456	861 997,744	22,009	21,547	95	99	158	24,029	42,565	1,771	1,310
46	50	95 142	38 261,778	822 831,288	21,505	21,044	96	100	73	10,971	18,535	1,690	1,228
47	51	94 771	37 365,146	784 569,510	20,997	20,536							
48	52	94 354	36 471,194	747 204,363	20,488	20,026							
49	53	93 898	35 583,620	710 733,169	19,974	19,512							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	3 815 362,232	38,285	37,824	50	55	93 133	34 601,670	664 283,286	19,198	18,736
1	6	99 312	97 364,943	3 715 705,808	38,163	37,701	51	56	92 545	33 708,956	629 681,615	18,680	18,218
2	7	99 281	95 425,789	3 618 340,865	37,918	37,456	52	57	91 902	32 818,398	595 972,659	18,160	17,698
3	8	99 263	93 537,795	3 522 915,076	37,663	37,201	53	58	91 191	31 925,955	563 154,262	17,639	17,178
4	9	99 244	91 686,242	3 429 377,281	37,403	36,942	54	59	90 401	31 028,626	531 228,307	17,121	16,659
5	10	99 228	89 873,439	3 337 691,038	37,138	36,676	55	60	89 531	30 127,591	500 199,681	16,603	16,141
6	11	99 213	88 098,309	3 247 817,599	36,866	36,404	56	61	88 566	29 218,317	470 072,089	16,088	15,627
7	12	99 196	86 356,473	3 159 719,290	36,589	36,128	57	62	87 513	28 304,970	440 853,772	15,575	15,114
8	13	99 181	84 649,631	3 073 362,817	36,307	35,845	58	63	86 362	27 385,108	412 548,803	15,065	14,603
9	14	99 165	82 976,955	2 988 713,186	36,019	35,557	59	64	85 116	26 460,676	385 163,694	14,556	14,094
10	15	99 148	81 335,922	2 905 736,231	35,725	35,264	60	65	83 751	25 525,886	358 703,018	14,053	13,591
11	16	99 129	79 725,931	2 824 400,309	35,426	34,965	61	66	82 286	24 587,650	333 177,132	13,551	13,089
12	17	99 110	78 147,284	2 744 674,379	35,122	34,660	62	67	80 702	23 641,317	308 589,482	13,053	12,591
13	18	99 088	76 598,269	2 666 527,095	34,812	34,350	63	68	79 007	22 691,000	284 948,165	12,558	12,096
14	19	99 063	75 077,175	2 589 928,826	34,497	34,035	64	69	77 188	21 733,830	262 257,165	12,067	11,605
15	20	99 034	73 583,884	2 514 851,651	34,177	33,715	65	70	75 218	20 763,982	240 523,336	11,584	11,122
16	21	99 003	72 118,044	2 441 267,767	33,851	33,389	66	71	73 134	19 792,734	219 759,354	11,103	10,641
17	22	98 963	70 675,794	2 369 149,724	33,521	33,060	67	72	70 912	18 815,092	199 966,620	10,628	10,166
18	23	98 920	69 259,897	2 298 473,929	33,186	32,725	68	73	68 589	17 841,912	181 151,527	10,153	9,692
19	24	98 866	67 864,547	2 229 214,033	32,848	32,386	69	74	66 116	16 861,554	163 309,616	9,685	9,224
20	25	98 810	66 496,097	2 161 349,486	32,503	32,042	70	75	63 545	15 888,026	146 448,061	9,218	8,756
21	26	98 750	65 152,682	2 094 853,389	32,153	31,691	71	76	60 865	14 919,510	130 560,036	8,751	8,289
22	27	98 692	63 837,963	2 029 700,707	31,795	31,333	72	77	58 033	13 946,314	115 640,526	8,292	7,830
23	28	98 630	62 546,879	1 965 862,744	31,430	30,969	73	78	55 155	12 994,783	101 694,212	7,826	7,364
24	29	98 565	61 280,115	1 903 315,865	31,059	30,598	74	79	52 107	12 036,059	88 699,429	7,369	6,908
25	30	98 496	60 036,206	1 842 035,750	30,682	30,220	75	80	48 927	11 079,885	76 663,370	6,919	6,458
26	31	98 424	58 816,391	1 781 999,544	30,298	29,836	76	81	45 586	10 120,791	65 583,485	6,480	6,018
27	32	98 349	57 619,159	1 723 183,153	29,906	29,445	77	82	42 105	9 164,781	55 462,694	6,052	5,590
28	33	98 272	56 444,999	1 665 563,994	29,508	29,046	78	83	38 511	8 218,007	46 297,913	5,634	5,172
29	34	98 192	55 293,267	1 609 118,995	29,102	28,640	79	84	34 758	7 271,746	38 079,906	5,237	4,775
30	35	98 106	54 161,656	1 553 825,727	28,689	28,227	80	85	30 931	6 344,204	30 808,161	4,856	4,395
31	36	98 009	53 046,839	1 499 664,071	28,271	27,809	81	86	27 053	5 440,042	24 463,957	4,497	4,035
32	37	97 906	51 952,087	1 446 617,232	27,845	27,384	82	87	23 207	4 575,101	19 023,915	4,158	3,697
33	38	97 797	50 876,601	1 394 665,145	27,413	26,951	83	88	19 456	3 760,472	14 448,814	3,842	3,381
34	39	97 674	49 816,432	1 343 788,544	26,975	26,513	84	89	15 889	3 010,766	10 688,342	3,550	3,088
35	40	97 542	48 773,561	1 293 972,113	26,530	26,069	85	90	12 602	2 341,174	7 677,575	3,279	2,818
36	41	97 406	47 750,864	1 245 198,551	26,077	25,615	86	91	9 653	1 758,097	5 336,401	3,035	2,574
37	42	97 249	46 738,948	1 197 447,687	25,620	25,158	87	92	7 128	1 272,772	3 578,304	2,811	2,350
38	43	97 074	45 739,853	1 150 708,739	25,158	24,696	88	93	5 041	882,546	2 305,533	2,612	2,151
39	44	96 888	44 757,305	1 104 968,886	24,688	24,226	89	94	3 401	583,643	1 422,986	2,438	1,976
40	45	96 685	43 787,591	1 060 211,581	24,213	23,751	90	95	2 188	368,072	839,343	2,280	1,819
41	46	96 461	42 829,763	1 016 423,990	23,732	23,270	91	96	1 332	219,756	471,271	2,145	1,683
42	47	96 207	41 879,394	973 594,228	23,248	22,786	92	97	767	124,110	251,515	2,027	1,565
43	48	95 946	40 946,874	931 714,833	22,754	22,293	93	98	420	66,596	127,405	1,913	1,451
44	49	95 648	40 019,172	890 767,959	22,259	21,797	94	99	216	33,571	60,809	1,811	1,350
45	50	95 321	39 100,497	850 748,787	21,758	21,296	95	100	104	15,781	27,238	1,726	1,264
46	51	94 967	38 191,227	811 648,290	21,252	20,791							
47	52	94 574	37 287,558	773 457,062	20,743	20,281							
48	53	94 146	36 390,796	736 169,505	20,230	19,768							
49	54	93 666	35 495,423	699 778,709	19,715	19,253							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	3 802 473,531	38,158	37,697	50	56	92 844	34 493,977	652 761,051	18,924	18,462
1	7	99 305	97 357,834	3 702 823,878	38,033	37,572	51	57	92 232	33 594,966	618 267,075	18,404	17,942
2	8	99 276	95 421,244	3 605 466,044	37,785	37,323	52	58	91 557	32 695,122	584 672,109	17,883	17,421
3	9	99 256	93 531,054	3 510 044,800	37,528	37,067	53	59	90 811	31 792,709	551 976,986	17,362	16,900
4	10	99 239	91 681,369	3 416 513,745	37,265	36,803	54	60	89 982	30 884,825	520 184,277	16,843	16,381
5	11	99 222	89 868,443	3 324 832,377	36,997	36,535	55	61	89 072	29 973,133	489 299,452	16,325	15,863
6	12	99 205	88 091,534	3 234 963,934	36,723	36,261	56	62	88 071	29 055,098	459 326,319	15,809	15,347
7	13	99 190	86 351,015	3 146 872,399	36,443	35,981	57	63	86 977	28 131,689	430 271,221	15,295	14,833
8	14	99 173	84 642,940	3 060 521,384	36,158	35,696	58	64	85 779	27 199,980	402 139,531	14,785	14,323
9	15	99 156	82 969,300	2 975 878,444	35,867	35,406	59	65	84 485	26 264,634	374 939,552	14,275	13,814
10	16	99 137	81 326,505	2 892 909,144	35,572	35,110	60	66	83 080	25 321,329	348 674,917	13,770	13,308
11	17	99 117	79 715,739	2 811 582,638	35,270	34,808	61	67	81 566	24 372,317	323 353,588	13,267	12,806
12	18	99 097	78 137,152	2 731 866,900	34,962	34,501	62	68	79 946	23 420,083	298 981,271	12,766	12,304
13	19	99 072	76 585,835	2 653 729,748	34,650	34,189	63	69	78 201	22 459,461	275 561,187	12,269	11,808
14	20	99 046	75 064,835	2 577 143,913	34,332	33,871	64	70	76 296	21 482,884	253 101,726	11,782	11,320
15	21	99 018	73 571,839	2 502 079,078	34,009	33,547	65	71	74 274	20 503,357	231 618,842	11,297	10,835
16	22	98 986	72 105,940	2 428 507,238	33,680	33,218	66	72	72 123	19 519,308	211 115,484	10,816	10,354
17	23	98 947	70 663,936	2 356 401,440	33,347	32,885	67	73	69 852	18 533,846	191 596,177	10,338	9,876
18	24	98 904	69 248,569	2 285 737,504	33,008	32,546	68	74	67 441	17 543,309	173 062,330	9,865	9,403
19	25	98 850	67 853,399	2 216 488,935	32,666	32,204	69	75	64 914	16 554,807	155 519,022	9,394	8,933
20	26	98 790	66 483,169	2 148 635,536	32,318	31,857	70	76	62 267	15 568,359	138 964,215	8,926	8,464
21	27	98 732	65 141,069	2 082 152,367	31,964	31,502	71	77	59 517	14 589,060	123 395,856	8,458	7,996
22	28	98 671	63 824,573	2 017 011,298	31,602	31,141	72	78	56 643	13 612,461	108 806,796	7,993	7,532
23	29	98 607	62 531,993	1 953 186,725	31,235	30,773	73	79	53 654	12 641,228	95 194,334	7,530	7,069
24	30	98 541	61 264,993	1 890 654,731	30,860	30,399	74	80	50 502	11 665,247	82 553,107	7,077	6,615
25	31	98 468	60 019,228	1 829 389,738	30,480	30,018	75	81	47 202	10 689,192	70 887,860	6,632	6,170
26	32	98 393	58 797,452	1 769 370,510	30,093	29,631	76	82	43 743	9 711,756	60 198,668	6,199	5,737
27	33	98 316	57 599,804	1 710 573,058	29,698	29,236	77	83	40 126	8 734,015	50 486,912	5,780	5,319
28	34	98 238	56 425,231	1 652 973,253	29,295	28,833	78	84	36 385	7 764,407	41 752,897	5,377	4,916
29	35	98 155	55 272,157	1 596 548,022	28,885	28,424	79	85	32 541	6 807,896	33 988,490	4,993	4,531
30	36	98 061	54 136,366	1 541 275,866	28,470	28,009	80	86	28 651	5 876,676	27 180,595	4,625	4,164
31	37	97 962	53 021,544	1 487 139,500	28,048	27,586	81	87	24 746	4 976,123	21 303,919	4,281	3,820
32	38	97 856	51 925,854	1 434 117,956	27,619	27,157	82	88	20 907	4 121,733	16 327,796	3,961	3,500
33	39	97 742	50 848,410	1 382 192,102	27,183	26,721	83	89	17 252	3 334,396	12 206,063	3,661	3,199
34	40	97 610	49 784,019	1 331 343,692	26,742	26,281	84	90	13 842	2 622,961	8 871,667	3,382	2,921
35	41	97 480	48 742,682	1 281 559,673	26,292	25,831	85	91	10 748	1 996,747	6 248,707	3,129	2,668
36	42	97 335	47 715,865	1 232 816,992	25,837	25,375	86	92	8 051	1 466,379	4 251,959	2,900	2,438
37	43	97 171	46 701,237	1 185 101,126	25,376	24,915	87	93	5 788	1 033,560	2 785,580	2,695	2,234
38	44	96 987	45 698,884	1 138 399,890	24,911	24,449	88	94	3 985	697,689	1 752,020	2,511	2,050
39	45	96 797	44 714,972	1 092 701,006	24,437	23,975	89	95	2 620	449,723	1 054,331	2,344	1,883
40	46	96 581	43 740,490	1 047 986,034	23,959	23,498	90	96	1 631	274,489	604,609	2,203	1,741
41	47	96 347	42 779,044	1 004 245,544	23,475	23,014	91	97	960	158,375	330,120	2,084	1,623
42	48	96 082	41 824,978	961 466,500	22,988	22,526	92	98	541	87,530	171,745	1,962	1,501
43	49	95 801	40 884,754	919 641,523	22,494	22,032	93	99	286	45,351	84,215	1,857	1,395
44	50	95 487	39 951,777	878 756,769	21,995	21,534	94	100	142	22,047	38,865	1,763	1,301
45	51	95 146	39 028,400	838 804,992	21,492	21,031							
46	52	94 770	38 111,923	799 776,592	20,985	20,523							
47	53	94 366	37 205,360	761 664,669	20,472	20,010							
48	54	93 912	36 300,599	724 459,309	19,957	19,496							
49	55	93 408	35 397,659	688 158,710	19,441	18,979							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	3 788 798,132	38,024	37,562	50	57	92 530	34 377,332	640 584,417	18,634	18,172
1	8	99 300	97 353,197	3 689 155,755	37,895	37,433	51	58	91 886	33 468,774	606 207,084	18,113	17,651
2	9	99 269	95 414,367	3 591 802,558	37,644	37,183	52	59	91 175	32 558,667	572 738,311	17,591	17,129
3	10	99 251	93 526,083	3 496 388,191	37,384	36,922	53	60	90 390	31 645,367	540 179,644	17,070	16,608
4	11	99 233	91 676,272	3 402 862,108	37,118	36,657	54	61	89 520	30 726,485	508 534,277	16,550	16,089
5	12	99 214	89 861,532	3 311 185,836	36,848	36,386	55	62	88 575	29 805,698	477 807,792	16,031	15,569
6	13	99 199	88 085,967	3 221 324,304	36,570	36,109	56	63	87 532	28 877,225	448 002,094	15,514	15,052
7	14	99 182	86 344,190	3 133 238,337	36,288	35,826	57	64	86 389	27 941,514	419 124,869	15,000	14,538
8	15	99 164	84 635,132	3 046 894,147	36,000	35,539	58	65	85 143	26 998,461	391 183,356	14,489	14,027
9	16	99 145	82 959,695	2 962 259,015	35,707	35,246	59	66	83 808	26 054,157	364 184,895	13,978	13,516
10	17	99 124	81 316,109	2 879 299,320	35,409	34,947	60	67	82 352	25 099,571	338 130,737	13,472	13,010
11	18	99 104	79 705,403	2 797 983,212	35,104	34,642	61	68	80 802	24 144,243	313 031,166	12,965	12,503
12	19	99 081	78 124,468	2 718 277,808	34,794	34,333	62	69	79 131	23 181,105	288 886,923	12,462	12,001
13	20	99 056	76 573,247	2 640 153,340	34,479	34,017	63	70	77 298	22 200,138	265 705,818	11,969	11,507
14	21	99 030	75 052,548	2 563 580,093	34,157	33,696	64	71	75 339	21 213,236	243 505,680	11,479	11,017
15	22	99 001	73 559,347	2 488 527,545	33,830	33,369	65	72	73 248	20 220,114	222 292,444	10,994	10,532
16	23	98 969	72 093,701	2 414 968,198	33,498	33,036	66	73	71 045	19 227,535	202 072,330	10,510	10,048
17	24	98 930	70 652,379	2 342 874,497	33,161	32,699	67	74	68 683	18 223,663	182 844,795	10,033	9,572
18	25	98 888	69 237,193	2 272 222,118	32,818	32,356	68	75	66 214	17 224,159	164 621,132	9,558	9,096
19	26	98 830	67 840,207	2 202 984,925	32,473	32,012	69	76	63 608	16 221,724	147 396,973	9,086	8,625
20	27	98 773	66 471,319	2 135 144,718	32,121	31,660	70	77	60 887	15 223,538	131 175,249	8,617	8,155
21	28	98 711	65 127,406	2 068 673,399	31,763	31,302	71	78	58 092	14 239,821	115 951,711	8,143	7,681
22	29	98 648	63 809,384	2 003 545,993	31,399	30,937	72	79	55 102	13 242,101	101 711,890	7,681	7,219
23	30	98 582	62 516,562	1 939 736,609	31,028	30,566	73	80	52 001	12 251,772	88 469,789	7,221	6,759
24	31	98 513	61 247,668	1 877 220,047	30,650	30,188	74	81	48 721	11 253,913	76 218,018	6,773	6,311
25	32	98 436	59 999,902	1 815 972,378	30,266	29,805	75	82	45 294	10 257,185	64 964,105	6,334	5,872
26	33	98 360	58 777,702	1 755 972,476	29,875	29,413	76	83	41 687	9 255,282	54 706,920	5,911	5,449
27	34	98 282	57 579,631	1 697 194,774	29,476	29,014	77	84	37 911	8 251,934	45 451,638	5,508	5,046
28	35	98 200	56 403,688	1 639 615,143	29,069	28,608	78	85	34 064	7 269,131	37 199,705	5,117	4,656
29	36	98 109	55 246,348	1 583 211,455	28,657	28,196	79	86	30 143	6 306,196	29 930,574	4,746	4,285
30	37	98 014	54 110,550	1 527 965,107	28,238	27,776	80	87	26 208	5 375,521	23 624,378	4,395	3,933
31	38	97 913	52 994,771	1 473 854,557	27,811	27,350	81	88	22 294	4 483,015	18 248,857	4,071	3,609
32	39	97 802	51 897,082	1 420 859,785	27,378	26,917	82	89	18 538	3 654,724	13 765,841	3,767	3,305
33	40	97 679	50 815,326	1 368 962,703	26,940	26,478	83	90	15 030	2 904,905	10 111,117	3,481	3,019
34	41	97 549	49 752,499	1 318 147,378	26,494	26,032	84	91	11 806	2 237,079	7 206,213	3,221	2,760
35	42	97 409	48 706,956	1 268 394,879	26,041	25,580	85	92	8 965	1 665,431	4 969,134	2,984	2,522
36	43	97 256	47 677,366	1 219 687,923	25,582	25,121	86	93	6 538	1 190,779	3 303,703	2,774	2,313
37	44	97 084	46 659,406	1 172 010,557	25,118	24,657	87	94	4 576	817,071	2 112,924	2,586	2,124
38	45	96 895	45 655,659	1 125 351,150	24,649	24,187	88	95	3 071	537,600	1 295,853	2,410	1,949
39	46	96 692	44 666,874	1 079 695,491	24,172	23,711	89	96	1 954	335,379	758,253	2,261	1,799
40	47	96 466	43 688,693	1 035 028,617	23,691	23,229	90	97	1 176	197,820	422,874	2,138	1,676
41	48	96 222	42 723,459	991 339,925	23,204	22,742	91	98	677	111,696	225,053	2,015	1,553
42	49	95 936	41 761,524	948 616,466	22,715	22,253	92	99	369	59,606	113,358	1,902	1,440
43	50	95 639	40 815,901	906 854,942	22,218	21,757	93	100	188	29,784	53,752	1,805	1,343
44	51	95 311	39 878,110	866 039,041	21,717	21,256							
45	52	94 948	38 947,357	826 160,931	21,212	20,751							
46	53	94 561	38 027,908	787 213,573	20,701	20,239							
47	54	94 132	37 113,144	749 185,665	20,187	19,725							
48	55	93 654	36 200,617	712 072,521	19,670	19,209							
49	56	93 117	35 287,488	675 871,905	19,153	18,692							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	3 774 326,040	37,881	37,419	50	58	92 182	34 248,201	627 754,845	18,330	17,868
1	9	99 293	97 346,181	3 674 688,408	37,749	37,287	51	59	91 502	33 329,089	593 506,644	17,807	17,346
2	10	99 264	95 409,296	3 577 342,228	37,495	37,033	52	60	90 752	32 407,775	560 177,554	17,285	16,824
3	11	99 245	93 520,883	3 481 932,932	37,232	36,770	53	61	89 926	31 483,127	527 769,780	16,764	16,302
4	12	99 226	91 669,222	3 388 412,048	36,963	36,502	54	62	89 020	30 554,841	496 286,652	16,242	15,781
5	13	99 208	89 855,853	3 296 742,826	36,689	36,228	55	63	88 032	29 623,230	465 731,811	15,722	15,260
6	14	99 191	88 079,005	3 206 886,974	36,409	35,948	56	64	86 940	28 682,010	436 108,581	15,205	14,743
7	15	99 173	86 336,225	3 118 807,969	36,124	35,662	57	65	85 749	27 734,501	407 426,572	14,690	14,229
8	16	99 152	84 625,333	3 032 471,744	35,834	35,372	58	66	84 461	26 782,103	378 692,071	14,177	13,715
9	17	99 132	82 949,089	2 947 846,411	35,538	35,076	59	67	83 074	25 825,981	352 909,968	13,665	13,203
10	18	99 111	81 305,566	2 864 897,322	35,236	34,775	60	68	81 582	24 864,691	327 083,986	13,155	12,693
11	19	99 088	79 692,465	2 783 591,756	34,929	34,468	61	69	79 978	23 897,876	302 219,295	12,646	12,185
12	20	99 064	78 111,627	2 703 899,290	34,616	34,154	62	70	78 217	22 913,450	278 321,420	12,147	11,685
13	21	99 039	76 560,714	2 625 787,663	34,297	33,835	63	71	76 327	21 921,487	255 407,970	11,651	11,189
14	22	99 013	75 039,804	2 549 226,949	33,972	33,510	64	72	74 298	20 920,186	233 486,483	11,161	10,699
15	23	98 985	73 547,005	2 474 187,145	33,641	33,179	65	73	72 153	19 917,866	212 566,297	10,672	10,211
16	24	98 953	72 081,909	2 400 640,140	33,304	32,843	66	74	69 856	18 905,742	192 648,431	10,190	9,728
17	25	98 914	70 640,773	2 328 558,230	32,963	32,502	67	75	67 433	17 892,136	173 742,689	9,711	9,249
18	26	98 869	69 223,732	2 257 917,458	32,618	32,156	68	76	64 882	16 877,609	155 850,553	9,234	8,773
19	27	98 813	67 828,116	2 188 693,725	32,268	31,807	69	77	62 199	15 862,432	138 972,944	8,761	8,300
20	28	98 752	66 457,377	2 120 865,610	31,913	31,452	70	78	59 430	14 859,110	123 110,512	8,285	7,824
21	29	98 688	65 111,906	2 054 408,233	31,552	31,090	71	79	56 512	13 852,391	108 251,401	7,815	7,353
22	30	98 624	63 793,638	1 989 296,327	31,183	30,722	72	80	53 405	12 834,133	94 399,010	7,355	6,894
23	31	98 554	62 498,884	1 925 502,689	30,809	30,347	73	81	50 167	11 819,756	81 564,878	6,901	6,439
24	32	98 481	61 227,946	1 863 003,805	30,427	29,966	74	82	46 752	10 799,083	69 745,122	6,458	5,997
25	33	98 403	59 979,748	1 801 775,859	30,040	29,578	75	83	43 165	9 775,074	58 946,039	6,030	5,569
26	34	98 325	58 757,116	1 741 796,111	29,644	29,182	76	84	39 386	8 744,428	49 170,965	5,623	5,162
27	35	98 244	57 557,648	1 683 038,995	29,241	28,779	77	85	35 493	7 725,559	40 426,537	5,233	4,771
28	36	98 154	56 377,351	1 625 481,347	28,832	28,371	78	86	31 554	6 733,441	32 700,978	4,857	4,395
29	37	98 062	55 220,003	1 569 103,996	28,415	27,954	79	87	27 572	5 768,413	25 967,537	4,502	4,040
30	38	97 964	54 083,228	1 513 883,993	27,992	27,530	80	88	23 611	4 842,835	20 199,124	4,171	3,709
31	39	97 858	52 965,407	1 459 800,765	27,561	27,100	81	89	19 768	3 975,072	15 356,288	3,863	3,402
32	40	97 739	51 863,315	1 406 835,358	27,126	26,664	82	90	16 150	3 183,973	11 381,217	3,575	3,113
33	41	97 617	50 783,153	1 354 972,043	26,682	26,220	83	91	12 818	2 477,544	8 197,244	3,309	2,847
34	42	97 477	49 716,033	1 304 188,890	26,233	25,771	84	92	9 847	1 865,884	5 719,700	3,065	2,604
35	43	97 330	48 667,657	1 254 472,856	25,776	25,315	85	93	7 280	1 352,420	3 853,816	2,850	2,388
36	44	97 169	47 634,661	1 205 805,200	25,314	24,852	86	94	5 169	941,360	2 501,396	2,657	2,196
37	45	96 992	46 615,274	1 158 170,538	24,845	24,384	87	95	3 526	629,589	1 560,036	2,478	2,016
38	46	96 791	45 606,549	1 111 555,265	24,373	23,911	88	96	2 290	400,913	930,447	2,321	1,859
39	47	96 578	44 613,980	1 065 948,715	23,893	23,431	89	97	1 408	241,703	529,534	2,191	1,729
40	48	96 341	43 631,925	1 021 334,736	23,408	22,946	90	98	829	139,515	287,830	2,063	1,601
41	49	96 076	42 658,642	977 702,810	22,919	22,458	91	99	461	76,062	148,316	1,950	1,488
42	50	95 775	41 691,195	935 044,168	22,428	21,966	92	100	242	39,146	72,254	1,846	1,384
43	51	95 463	40 740,641	893 352,973	21,928	21,466							
44	52	95 113	39 795,303	852 612,332	21,425	20,963							
45	53	94 739	38 861,501	812 817,029	20,916	20,454							
46	54	94 326	37 933,653	773 955,529	20,403	19,941							
47	55	93 872	37 010,924	736 021,875	19,887	19,425							
48	56	93 362	36 087,947	699 010,952	19,370	18,908							
49	57	92 802	35 168,160	662 923,005	18,850	18,388							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	3 759 046,709	37,730	37,268	50	59	91 797	34 105,263	614 280,219	18,011	17,550
1	10	99 288	97 341,007	3 659 416,258	37,594	37,132	51	60	91 078	33 174,627	580 174,956	17,489	17,027
2	11	99 258	95 403,992	3 562 075,252	37,337	36,875	52	61	90 287	32 241,626	547 000,329	16,966	16,504
3	12	99 237	93 513,691	3 466 671,260	37,071	36,610	53	62	89 424	31 307,257	514 758,703	16,442	15,981
4	13	99 219	91 663,429	3 373 157,568	36,799	36,338	54	63	88 475	30 367,787	483 451,446	15,920	15,458
5	14	99 200	89 848,751	3 281 494,140	36,522	36,061	55	64	87 437	29 422,971	453 083,659	15,399	14,937
6	15	99 182	88 070,880	3 191 645,389	36,240	35,778	56	65	86 296	28 469,511	423 660,688	14,881	14,420
7	16	99 162	86 326,229	3 103 574,510	35,952	35,490	57	66	85 062	27 512,245	395 191,177	14,364	13,903
8	17	99 139	84 614,515	3 017 248,280	35,659	35,197	58	67	83 721	26 547,552	367 678,932	13,850	13,388
9	18	99 119	82 938,335	2 932 633,765	35,359	34,898	59	68	82 297	25 584,304	341 131,380	13,334	12,872
10	19	99 095	81 292,368	2 849 695,431	35,055	34,593	60	69	80 749	24 610,973	315 547,077	12,821	12,360
11	20	99 071	79 679,367	2 768 403,062	34,744	34,283	61	70	79 054	23 621,944	290 936,104	12,316	11,855
12	21	99 048	78 098,842	2 688 723,696	34,427	33,966	62	71	77 235	22 625,845	267 314,160	11,815	11,353
13	22	99 023	76 547,714	2 610 624,854	34,105	33,643	63	72	75 273	21 618,653	244 688,315	11,318	10,857
14	23	98 997	75 027,214	2 534 077,140	33,775	33,314	64	73	73 187	20 607,473	223 069,662	10,825	10,363
15	24	98 968	73 534,976	2 459 049,926	33,441	32,979	65	74	70 945	19 584,519	202 462,189	10,338	9,876
16	25	98 937	72 070,068	2 385 514,950	33,100	32,638	66	75	68 585	18 561,807	182 877,670	9,852	9,391
17	26	98 895	70 627,039	2 313 444,882	32,756	32,294	67	76	66 076	17 532,146	164 315,863	9,372	8,911
18	27	98 851	69 211,394	2 242 817,843	32,405	31,944	68	77	63 445	16 503,790	146 783,717	8,894	8,432
19	28	98 792	67 813,889	2 173 606,448	32,053	31,591	69	78	60 710	15 482,711	130 279,927	8,415	7,953
20	29	98 729	66 441,561	2 105 792,559	31,694	31,232	70	79	57 813	14 454,831	114 797,216	7,942	7,480
21	30	98 664	65 095,839	2 039 350,999	31,328	30,867	71	80	54 770	13 425,621	100 342,385	7,474	7,012
22	31	98 596	63 775,598	1 974 255,160	30,956	30,495	72	81	51 522	12 381,582	86 916,764	7,020	6,558
23	32	98 523	62 478,759	1 910 479,562	30,578	30,116	73	82	48 140	11 342,057	74 535,182	6,572	6,110
24	33	98 448	61 207,379	1 848 000,803	30,192	29,731	74	83	44 554	10 291,501	63 193,125	6,140	5,679
25	34	98 369	59 958,741	1 786 793,424	29,800	29,339	75	84	40 783	9 235,530	52 901,624	5,728	5,266
26	35	98 288	58 734,683	1 726 834,683	29,401	28,939	76	85	36 874	8 186,639	43 666,094	5,334	4,872
27	36	98 198	57 530,772	1 668 100,000	28,995	28,533	77	86	32 877	7 156,234	35 479,455	4,958	4,496
28	37	98 108	56 350,467	1 610 569,228	28,581	28,120	78	87	28 863	6 159,223	28 323,221	4,599	4,137
29	38	98 013	55 192,121	1 554 218,761	28,160	27,699	79	88	24 840	5 196,794	22 163,998	4,265	3,803
30	39	97 910	54 053,260	1 499 026,640	27,732	27,271	80	89	20 936	4 294,123	16 967,204	3,951	3,490
31	40	97 795	52 930,945	1 444 973,379	27,299	26,838	81	90	17 222	3 463,058	12 673,082	3,660	3,198
32	41	97 677	51 830,479	1 392 042,435	26,858	26,396	82	91	13 774	2 715,556	9 210,024	3,392	2,930
33	42	97 545	50 745,932	1 340 211,955	26,410	25,949	83	92	10 692	2 066,449	6 494,468	3,143	2,681
34	43	97 398	49 675,920	1 289 466,023	25,958	25,496	84	93	7 996	1 515,199	4 428,019	2,922	2,461
35	44	97 243	48 624,065	1 239 790,103	25,497	25,036	85	94	5 755	1 069,144	2 912,820	2,724	2,263
36	45	97 077	47 589,606	1 191 166,038	25,030	24,568	86	95	3 983	725,359	1 843,676	2,542	2,080
37	46	96 887	46 565,131	1 143 576,432	24,559	24,097	87	96	2 629	469,514	1 118,317	2,382	1,920
38	47	96 676	45 552,542	1 097 011,301	24,082	23,621	88	97	1 650	288,933	648,803	2,246	1,784
39	48	96 452	44 556,010	1 051 458,758	23,599	23,137	89	98	993	170,464	359,870	2,111	1,650
40	49	96 195	43 565,731	1 006 902,749	23,112	22,651	90	99	565	95,006	189,407	1,994	1,532
41	50	95 914	42 586,802	963 337,018	22,621	22,159	91	100	303	49,953	94,400	1,890	1,428
42	51	95 598	41 614,321	920 750,215	22,126	21,664							
43	52	95 265	40 656,042	879 135,894	21,624	21,162							
44	53	94 903	39 707,577	838 479,852	21,116	20,655							
45	54	94 504	38 765,180	798 772,275	20,605	20,144							
46	55	94 066	37 829,173	760 007,095	20,091	19,629							
47	56	93 580	36 895,732	722 177,922	19,573	19,112							
48	57	93 046	35 965,912	685 282,190	19,054	18,592							
49	58	92 454	35 036,059	649 316,278	18,533	18,071							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	3 742 956,780	37,570	37,109	50	60	91 372	33 947,204	600 172,271	17,680	17,218
1	11	99 282	97 335,595	3 643 331,624	37,431	36,969	51	61	90 611	33 004,547	566 225,067	17,156	16,694
2	12	99 251	95 396,655	3 545 996,029	37,171	36,709	52	62	89 783	32 061,519	533 220,521	16,631	16,170
3	13	99 231	93 507,781	3 450 599,374	36,902	36,440	53	63	88 877	31 115,597	501 159,002	16,106	15,645
4	14	99 212	91 656,183	3 357 091,593	36,627	36,165	54	64	87 877	30 162,495	470 043,405	15,584	15,122
5	15	99 191	89 840,462	3 265 435,409	36,347	35,885	55	65	86 789	29 204,982	439 880,910	15,062	14,600
6	16	99 171	88 060,683	3 175 594,947	36,061	35,600	56	66	85 604	28 241,365	410 675,928	14,542	14,080
7	17	99 149	86 315,194	3 087 534,264	35,770	35,309	57	67	84 317	27 271,299	382 434,563	14,023	13,562
8	18	99 127	84 603,545	3 001 219,070	35,474	35,012	58	68	82 938	26 299,122	355 163,264	13,505	13,043
9	19	99 103	82 924,872	2 916 615,526	35,172	34,710	59	69	81 457	25 323,242	328 864,142	12,987	12,525
10	20	99 079	81 279,006	2 833 690,654	34,864	34,402	60	70	79 817	24 326,807	303 540,900	12,478	12,016
11	21	99 055	79 666,324	2 752 411,647	34,549	34,088	61	71	78 062	23 325,447	279 214,093	11,970	11,509
12	22	99 031	78 085,581	2 672 745,323	34,228	33,767	62	72	76 168	22 313,281	255 888,647	11,468	11,006
13	23	99 006	76 534,871	2 594 659,742	33,902	33,440	63	73	74 148	21 295,499	233 575,366	10,968	10,507
14	24	98 981	75 014,943	2 518 124,871	33,568	33,107	64	74	71 962	20 262,586	212 279,867	10,476	10,015
15	25	98 952	73 522,897	2 443 109,928	33,229	32,768	65	75	69 655	19 228,235	192 017,281	9,986	9,525
16	26	98 918	72 056,057	2 369 587,032	32,885	32,424	66	76	67 205	18 188,344	172 789,045	9,500	9,038
17	27	98 877	70 614,450	2 297 530,975	32,536	32,075	67	77	64 613	17 143,830	154 600,702	9,018	8,556
18	28	98 830	69 196,877	2 226 916,524	32,182	31,721	68	78	61 926	16 108,715	137 456,872	8,533	8,071
19	29	98 769	67 797,750	2 157 719,647	31,826	31,364	69	79	59 058	15 061,465	121 348,157	8,057	7,595
20	30	98 704	66 425,165	2 089 921,897	31,463	31,001	70	80	56 032	14 009,501	106 286,692	7,587	7,125
21	31	98 636	65 077,431	2 023 496,732	31,094	30,632	71	81	52 839	12 952,213	92 277,191	7,124	6,663
22	32	98 564	63 755,062	1 958 419,301	30,718	30,256	72	82	49 439	11 881,177	79 324,978	6,677	6,215
23	33	98 490	62 457,772	1 894 664,239	30,335	29,874	73	83	45 877	10 808,954	67 443,801	6,240	5,778
24	34	98 414	61 185,943	1 832 206,468	29,945	29,483	74	84	42 095	9 723,453	56 634,847	5,825	5,363
25	35	98 331	59 935,849	1 771 020,525	29,549	29,087	75	85	38 181	8 646,414	46 911,394	5,426	4,964
26	36	98 242	58 707,258	1 711 084,675	29,146	28,684	76	86	34 156	7 583,335	38 264,980	5,046	4,584
27	37	98 152	57 503,338	1 652 377,418	28,735	28,274	77	87	30 074	6 545,961	30 681,645	4,687	4,226
28	38	98 058	56 322,014	1 594 874,080	28,317	27,855	78	88	26 003	5 548,877	24 135,684	4,350	3,888
29	39	97 958	55 161,539	1 538 552,066	27,892	27,430	79	89	22 025	4 607,976	18 586,808	4,034	3,572
30	40	97 846	54 018,091	1 483 390,527	27,461	26,999	80	90	18 239	3 741,013	13 978,832	3,737	3,275
31	41	97 733	52 897,433	1 429 372,437	27,022	26,560	81	91	14 688	2 953,583	10 237,819	3,466	3,005
32	42	97 605	51 792,491	1 376 475,004	26,577	26,115	82	92	11 489	2 264,969	7 284,236	3,216	2,754
33	43	97 467	50 704,987	1 324 682,513	26,125	25,664	83	93	8 682	1 678,069	5 019,268	2,991	2,529
34	44	97 311	49 631,425	1 273 977,526	25,669	25,207	84	94	6 321	1 197,827	3 341,199	2,789	2,328
35	45	97 151	48 578,074	1 224 346,100	25,204	24,742	85	95	4 435	823,822	2 143,371	2,602	2,140
36	46	96 973	47 538,416	1 175 768,026	24,733	24,271	86	96	2 970	540,934	1 319,549	2,439	1,978
37	47	96 773	46 509,989	1 128 229,610	24,258	23,796	87	97	1 895	338,373	778,616	2,301	1,839
38	48	96 550	45 493,353	1 081 719,621	23,778	23,316	88	98	1 164	203,773	440,243	2,160	1,699
39	49	96 306	44 488,413	1 036 226,268	23,292	22,830	89	99	676	116,082	236,470	2,037	1,575
40	50	96 033	43 492,363	991 737,855	22,803	22,341	90	100	371	62,395	120,389	1,929	1,468
41	51	95 737	42 508,277	948 245,491	22,307	21,846							
42	52	95 400	41 527,909	905 737,215	21,810	21,349							
43	53	95 055	40 566,419	864 209,306	21,304	20,842							
44	54	94 668	39 609,159	823 642,887	20,794	20,333							
45	55	94 244	38 658,410	784 033,728	20,281	19,819							
46	56	93 774	37 711,435	745 375,318	19,765	19,304							
47	57	93 264	36 770,966	707 663,884	19,245	18,784							
48	58	92 697	35 830,814	670 892,918	18,724	18,262							
49	59	92 068	34 889,833	635 062,104	18,202	17,740							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	3 726 050,288	37,403	36,941	50	61	90 903	33 773,163	585 446,213	17,335	16,873
1	12	99 275	97 328,110	3 626 430,671	37,260	36,798	51	62	90 105	32 820,177	551 673,050	16,809	16,347
2	13	99 244	95 390,626	3 529 102,561	36,996	36,535	52	63	89 233	31 865,241	518 852,872	16,283	15,821
3	14	99 223	93 500,391	3 433 711,935	36,724	36,262	53	64	88 276	30 905,249	486 987,631	15,757	15,296
4	15	99 202	91 647,728	3 340 211,544	36,446	35,985	54	65	87 226	29 939,027	456 082,382	15,234	14,772
5	16	99 180	89 830,061	3 248 563,816	36,163	35,702	55	66	86 094	28 970,943	426 143,355	14,709	14,248
6	17	99 158	88 049,426	3 158 733,755	35,875	35,413	56	67	84 855	27 994,034	397 172,412	14,188	13,726
7	18	99 136	86 304,003	3 070 684,329	35,580	35,118	57	68	83 528	27 016,096	369 178,379	13,665	13,204
8	19	99 110	84 589,812	2 984 380,327	35,281	34,819	58	69	82 091	26 030,766	342 162,283	13,145	12,683
9	20	99 087	82 911,242	2 899 790,515	34,975	34,513	59	70	80 517	25 030,852	316 131,516	12,630	12,168
10	21	99 062	81 265,703	2 816 879,273	34,663	34,201	60	71	78 815	24 021,463	291 100,664	12,118	11,657
11	22	99 038	79 652,797	2 735 613,571	34,344	33,883	61	72	76 984	23 003,217	267 079,201	11,611	11,149
12	23	99 015	78 072,480	2 655 960,773	34,019	33,558	62	73	75 030	21 979,744	244 075,984	11,105	10,643
13	24	98 990	76 522,353	2 577 888,294	33,688	33,226	63	74	72 907	20 939,097	222 096,240	10,607	10,145
14	25	98 964	75 002,620	2 501 365,941	33,350	32,889	64	75	70 653	19 893,967	201 157,143	10,111	9,650
15	26	98 933	73 508,603	2 426 363,320	33,008	32,546	65	76	68 253	18 841,364	181 263,177	9,620	9,159
16	27	98 900	72 043,214	2 352 854,718	32,659	32,197	66	77	65 717	17 785,493	162 421,813	9,132	8,671
17	28	98 857	70 599,639	2 280 811,504	32,306	31,845	67	78	63 066	16 733,433	144 636,320	8,644	8,182
18	29	98 807	69 180,409	2 210 211,865	31,949	31,487	68	79	60 241	15 670,437	127 902,886	8,162	7,700
19	30	98 744	67 781,020	2 141 031,456	31,587	31,126	69	80	57 239	14 597,445	112 232,449	7,688	7,227
20	31	98 676	66 406,381	2 073 250,436	31,221	30,759	70	81	54 056	13 515,505	97 635,004	7,224	6,762
21	32	98 604	65 056,476	2 006 844,055	30,848	30,386	71	82	50 704	12 428,746	84 119,499	6,768	6,307
22	33	98 531	63 733,646	1 941 787,579	30,467	30,006	72	83	47 115	11 322,734	71 690,753	6,332	5,870
23	34	98 455	62 435,897	1 878 053,933	30,080	29,618	73	84	43 345	10 212,345	60 368,019	5,911	5,450
24	35	98 376	61 162,583	1 815 618,036	29,685	29,224	74	85	39 410	9 103,213	50 155,674	5,510	5,048
25	36	98 285	59 907,863	1 754 455,453	29,286	28,824	75	86	35 367	8 009,227	41 052,461	5,126	4,664
26	37	98 195	58 679,263	1 694 547,590	28,878	28,417	76	87	31 244	6 936,639	33 043,233	4,764	4,302
27	38	98 102	57 474,303	1 635 868,328	28,463	28,001	77	88	27 094	5 897,290	26 106,594	4,427	3,965
28	39	98 004	56 290,805	1 578 394,025	28,040	27,578	78	89	23 056	4 920,166	20 209,304	4,107	3,646
29	40	97 895	55 125,648	1 522 103,220	27,612	27,150	79	90	19 188	4 014,440	15 289,137	3,809	3,347
30	41	97 784	53 983,890	1 466 977,572	27,174	26,713	80	91	15 556	3 190,646	11 274,697	3,534	3,072
31	42	97 661	52 858,662	1 412 993,681	26,732	26,270	81	92	12 251	2 463,500	8 084,051	3,282	2,820
32	43	97 526	51 750,702	1 360 135,019	26,282	25,821	82	93	9 330	1 839,277	5 620,551	3,056	2,594
33	44	97 379	50 659,571	1 308 384,318	25,827	25,365	83	94	6 864	1 326,583	3 781,274	2,850	2,389
34	45	97 219	49 584,481	1 257 724,746	25,365	24,904	84	95	4 871	922,978	2 454,691	2,660	2,198
35	46	97 046	48 525,821	1 208 140,265	24,897	24,435	85	96	3 307	614,362	1 531,713	2,493	2,032
36	47	96 858	47 482,121	1 159 614,444	24,422	23,961	86	97	2 140	389,844	917,351	2,353	1,892
37	48	96 647	46 449,556	1 112 132,323	23,943	23,481	87	98	1 336	238,640	527,507	2,210	1,749
38	49	96 404	45 424,335	1 065 682,767	23,461	22,999	88	99	793	138,764	288,866	2,082	1,620
39	50	96 144	44 413,492	1 020 258,432	22,972	22,510	89	100	444	76,236	150,102	1,969	1,507
40	51	95 856	43 412,168	975 844,941	22,479	22,017							
41	52	95 538	42 420,008	932 432,773	21,981	21,519							
42	53	95 189	41 436,364	890 012,765	21,479	21,017							
43	54	94 819	40 465,872	848 576,401	20,970	20,509							
44	55	94 407	39 500,064	808 110,529	20,458	19,997							
45	56	93 950	38 538,090	768 610,465	19,944	19,483							
46	57	93 457	37 583,910	730 072,375	19,425	18,964							
47	58	92 913	36 632,843	692 488,465	18,903	18,442							
48	59	92 310	35 681,271	655 855,621	18,381	17,919							
49	60	91 641	34 728,137	620 174,350	17,858	17,396							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	3 708 324,772	37,228	36,766	50	62	90 396	33 584,500	570 119,920	16,976	16,514
1	13	99 268	97 321,959	3 608 712,816	37,080	36,619	51	63	89 554	32 619,255	536 535,420	16,448	15,987
2	14	99 237	95 383,086	3 511 390,857	36,814	36,352	52	64	88 630	31 649,826	503 916,165	15,922	15,460
3	15	99 214	93 491,765	3 416 007,770	36,538	36,076	53	65	87 622	30 676,279	472 266,339	15,395	14,934
4	16	99 191	91 637,118	3 322 516,005	36,257	35,796	54	66	86 527	29 699,105	441 590,061	14,869	14,407
5	17	99 167	89 818,577	3 230 878,887	35,971	35,510	55	67	85 340	28 717,222	411 890,956	14,343	13,881
6	18	99 145	88 038,010	3 141 060,310	35,678	35,217	56	68	84 060	27 732,067	383 173,734	13,817	13,355
7	19	99 120	86 289,994	3 053 022,300	35,381	34,919	57	69	82 676	26 740,425	355 441,667	13,292	12,831
8	20	99 094	84 575,908	2 966 732,307	35,078	34,616	58	70	81 143	25 730,207	328 701,242	12,775	12,313
9	21	99 070	82 897,671	2 882 156,399	34,768	34,306	59	71	79 506	24 716,671	302 971,034	12,258	11,796
10	22	99 046	81 251,904	2 799 258,728	34,452	33,990	60	72	77 726	23 689,618	278 254,363	11,746	11,284
11	23	99 022	79 639,433	2 718 006,824	34,129	33,667	61	73	75 833	22 659,368	254 564,745	11,234	10,773
12	24	98 999	78 059,710	2 638 367,391	33,799	33,338	62	74	73 774	21 611,890	231 905,377	10,730	10,269
13	25	98 974	76 509,783	2 560 307,680	33,464	33,002	63	75	71 581	20 558,170	210 293,487	10,229	9,768
14	26	98 945	74 988,039	2 483 797,898	33,123	32,661	64	76	69 232	19 493,700	189 735,317	9,733	9,272
15	27	98 915	73 495,501	2 408 809,859	32,775	32,313	65	77	66 742	18 424,050	170 241,617	9,240	8,779
16	28	98 879	72 028,103	2 335 314,358	32,422	31,961	66	78	64 144	17 359,736	151 817,567	8,745	8,284
17	29	98 833	70 582,837	2 263 286,256	32,066	31,604	67	79	61 350	16 278,159	134 457,831	8,260	7,798
18	30	98 782	69 163,338	2 192 703,418	31,703	31,242	68	80	58 385	15 187,656	118 179,672	7,781	7,320
19	31	98 716	67 761,852	2 123 540,081	31,338	30,877	69	81	55 220	14 082,717	102 992,016	7,313	6,852
20	32	98 645	66 384,998	2 055 778,228	30,968	30,506	70	82	51 871	12 969,272	88 909,298	6,855	6,394
21	33	98 571	65 034,623	1 989 393,230	30,590	30,128	71	83	48 320	11 844,566	75 940,026	6,411	5,950
22	34	98 496	63 711,325	1 924 358,608	30,204	29,743	72	84	44 515	10 697,766	64 095,460	5,991	5,530
23	35	98 418	62 412,060	1 860 647,283	29,812	29,351	73	85	40 580	9 560,920	53 397,694	5,585	5,123
24	36	98 330	61 134,023	1 798 235,223	29,415	28,953	74	86	36 506	8 432,363	43 836,774	5,199	4,737
25	37	98 238	59 879,295	1 737 101,200	29,010	28,548	75	87	32 351	7 326,212	35 404,411	4,833	4,371
26	38	98 145	58 649,633	1 677 221,904	28,597	28,136	76	88	28 148	6 249,254	28 078,199	4,493	4,031
27	39	98 048	57 442,456	1 618 572,271	28,177	27,716	77	89	24 024	5 229,104	21 828,944	4,175	3,713
28	40	97 940	56 254,180	1 561 129,815	27,751	27,290	78	90	20 087	4 286,418	16 599,841	3,873	3,411
29	41	97 833	55 090,746	1 504 875,635	27,316	26,855	79	91	16 365	3 423,847	12 313,422	3,596	3,135
30	42	97 713	53 944,323	1 449 784,889	26,876	26,414	80	92	12 975	2 661,228	8 889,575	3,340	2,879
31	43	97 582	52 816,013	1 395 840,565	26,428	25,967	81	93	9 948	2 000,496	6 228,347	3,113	2,652
32	44	97 439	51 704,349	1 343 024,552	25,975	25,513	82	94	7 375	1 454,025	4 227,851	2,908	2,446
33	45	97 287	50 611,655	1 291 320,204	25,514	25,053	83	95	5 289	1 022,190	2 773,827	2,714	2,252
34	46	97 115	49 531,145	1 240 708,549	25,049	24,587	84	96	3 632	688,308	1 751,637	2,545	2,083
35	47	96 931	48 468,357	1 191 177,403	24,576	24,115	85	97	2 383	442,763	1 063,329	2,402	1,940
36	48	96 732	47 420,425	1 142 709,046	24,097	23,636	86	98	1 510	274,941	620,566	2,257	1,795
37	49	96 500	46 379,087	1 095 288,622	23,616	23,154	87	99	910	162,509	345,625	2,127	1,665
38	50	96 242	45 347,837	1 048 909,535	23,130	22,669	88	100	521	91,133	183,117	2,009	1,548
39	51	95 967	44 331,598	1 003 561,698	22,638	22,176							
40	52	95 657	43 322,022	959 230,100	22,142	21,680							
41	53	95 328	42 326,496	915 908,078	21,639	21,178							
42	54	94 954	41 333,660	873 581,582	21,135	20,673							
43	55	94 558	40 354,418	832 247,921	20,623	20,162							
44	56	94 113	39 377,125	791 893,503	20,110	19,649							
45	57	93 633	38 407,770	752 516,378	19,593	19,131							
46	58	93 106	37 442,734	714 108,608	19,072	18,610							
47	59	92 526	36 479,953	676 665,874	18,549	18,087							
48	60	91 882	35 515,908	640 185,921	18,025	17,564							
49	61	91 171	34 550,093	604 670,013	17,501	17,040							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	3 689 780,706	37,044	36,582	50	63	89 842	33 378,899	554 211,320	16,604	16,142
1	14	99 261	97 314,267	3 590 175,045	36,893	36,431	51	64	88 948	32 398,743	520 832,422	16,076	15,614
2	15	99 227	95 374,287	3 492 860,779	36,623	36,161	52	65	87 973	31 415,339	488 433,679	15,548	15,086
3	16	99 203	93 480,941	3 397 486,491	36,344	35,883	53	66	86 920	30 430,448	457 018,340	15,018	14,557
4	17	99 178	91 625,403	3 304 005,550	36,060	35,598	54	67	85 769	29 439,007	426 587,892	14,491	14,029
5	18	99 154	89 806,932	3 212 380,147	35,770	35,308	55	68	84 541	28 448,488	397 148,885	13,960	13,499
6	19	99 129	88 023,719	3 122 573,215	35,474	35,013	56	69	83 203	27 449,090	368 700,396	13,432	12,971
7	20	99 104	86 275,810	3 034 549,495	35,173	34,711	57	70	81 721	26 431,672	341 251,307	12,911	12,449
8	21	99 078	84 562,064	2 948 273,685	34,865	34,404	58	71	80 125	25 407,248	314 819,635	12,391	11,929
9	22	99 054	82 883,595	2 863 711,621	34,551	34,089	59	72	78 408	24 375,223	289 412,387	11,873	11,412
10	23	99 029	81 238,272	2 780 828,026	34,231	33,769	60	73	76 565	23 335,008	265 037,164	11,358	10,896
11	24	99 005	79 626,408	2 699 589,754	33,903	33,442	61	74	74 564	22 280,139	241 701,656	10,848	10,387
12	25	98 982	78 046,888	2 619 963,346	33,569	33,107	62	75	72 432	21 218,724	219 421,516	10,341	9,879
13	26	98 954	76 494,908	2 541 916,459	33,230	32,768	63	76	70 140	20 144,540	198 202,792	9,839	9,377
14	27	98 927	74 974,673	2 465 421,551	32,883	32,422	64	77	67 698	19 061,938	178 058,252	9,341	8,879
15	28	98 895	73 480,085	2 390 446,878	32,532	32,070	65	78	65 144	17 983,007	158 996,314	8,841	8,380
16	29	98 856	72 010,961	2 316 966,793	32,175	31,714	66	79	62 399	16 887,421	141 013,307	8,350	7,889
17	30	98 809	70 565,420	2 244 955,832	31,814	31,352	67	80	59 460	15 776,655	124 125,886	7,868	7,406
18	31	98 754	69 143,779	2 174 390,412	31,447	30,986	68	81	56 326	14 652,117	108 349,231	7,395	6,933
19	32	98 684	67 740,033	2 105 246,633	31,078	30,617	69	82	52 989	13 513,560	93 697,114	6,934	6,472
20	33	98 611	66 362,699	2 037 506,600	30,703	30,241	70	83	49 433	12 359,687	80 183,554	6,488	6,026
21	34	98 536	65 011,846	1 971 143,901	30,320	29,858	71	84	45 653	11 190,795	67 823,868	6,061	5,599
22	35	98 459	63 687,000	1 906 132,055	29,930	29,468	72	85	41 675	10 015,377	56 633,072	5,655	5,193
23	36	98 372	62 382,917	1 842 445,055	29,534	29,073	73	86	37 590	8 856,340	46 617,695	5,264	4,802
24	37	98 283	61 104,871	1 780 062,138	29,131	28,670	74	87	33 393	7 713,264	37 761,356	4,896	4,434
25	38	98 189	59 849,060	1 718 957,267	28,722	28,260	75	88	29 145	6 600,223	30 048,092	4,553	4,091
26	39	98 091	58 617,135	1 659 108,206	28,304	27,843	76	89	24 958	5 541,189	23 447,869	4,232	3,770
27	40	97 984	57 405,081	1 600 491,071	27,881	27,419	77	90	20 929	4 555,562	17 906,680	3,931	3,469
28	41	97 878	56 218,564	1 543 085,990	27,448	26,986	78	91	17 132	3 655,813	13 351,118	3,652	3,190
29	42	97 761	55 050,368	1 486 867,426	27,009	26,548	79	92	13 650	2 855,735	9 695,304	3,395	2,933
30	43	97 634	53 900,798	1 431 817,058	26,564	26,102	80	93	10 536	2 161,061	6 839,570	3,165	2,703
31	44	97 495	52 768,706	1 377 916,260	26,112	25,651	81	94	7 865	1 581,474	4 678,508	2,958	2,497
32	45	97 347	51 655,444	1 325 147,554	25,654	25,192	82	95	5 683	1 120,389	3 097,034	2,764	2,303
33	46	97 183	50 557,214	1 273 492,110	25,189	24,728	83	96	3 944	762,294	1 976,645	2,593	2,131
34	47	97 000	49 472,491	1 222 934,896	24,719	24,258	84	97	2 618	496,054	1 214,351	2,448	1,986
35	48	96 805	48 405,379	1 173 462,405	24,242	23,781	85	98	1 681	312,263	718,296	2,300	1,839
36	49	96 586	47 348,483	1 125 057,026	23,761	23,300	86	99	1 028	187,228	406,033	2,169	1,707
37	50	96 338	46 300,981	1 077 708,543	23,276	22,815	87	100	598	106,727	218,805	2,050	1,589
38	51	96 064	45 264,220	1 031 407,562	22,786	22,325							
39	52	95 767	44 239,543	986 143,342	22,291	21,829							
40	53	95 446	43 226,522	941 903,799	21,790	21,328							
41	54	95 091	42 221,587	898 677,277	21,285	20,823							
42	55	94 692	41 219,816	856 455,690	20,778	20,316							
43	56	94 264	40 228,820	815 235,874	20,265	19,803							
44	57	93 795	39 243,968	775 007,054	19,748	19,287							
45	58	93 281	38 263,499	735 763,086	19,229	18,767							
46	59	92 717	37 286,464	697 499,587	18,707	18,245							
47	60	92 097	36 310,888	660 213,123	18,182	17,721							
48	61	91 411	35 333,824	623 902,234	17,657	17,196							
49	62	90 662	34 357,090	588 568,410	17,131	16,669							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	3 670 415,742	36,852	36,391	50	64	89 235	33 153,251	537 741,823	16,220	15,758
1	15	99 251	97 305,289	3 570 817,954	36,697	36,235	51	65	88 289	32 158,707	504 588,572	15,691	15,229
2	16	99 216	95 363,246	3 473 512,664	36,424	35,962	52	66	87 268	31 163,586	472 429,865	15,160	14,698
3	17	99 190	93 468,991	3 378 149,419	36,142	35,680	53	67	86 158	30 163,946	441 266,279	14,629	14,167
4	18	99 165	91 613,524	3 284 680,428	35,854	35,392	54	68	84 967	29 163,519	411 102,333	14,096	13,635
5	19	99 138	89 792,354	3 193 066,904	35,561	35,099	55	69	83 679	28 158,201	381 938,814	13,564	13,102
6	20	99 113	88 009,251	3 103 274,550	35,261	34,799	56	70	82 242	27 132,155	353 780,614	13,039	12,578
7	21	99 088	86 261,689	3 015 265,299	34,955	34,493	57	71	80 695	26 099,908	326 648,459	12,515	12,054
8	22	99 061	84 547,706	2 929 003,610	34,643	34,182	58	72	79 018	25 056,260	300 548,551	11,995	11,533
9	23	99 037	82 869,689	2 844 455,904	34,324	33,863	59	73	77 236	24 010,864	275 492,292	11,474	11,012
10	24	99 013	81 224,984	2 761 586,215	33,999	33,538	60	74	75 283	22 944,964	251 481,427	10,960	10,499
11	25	98 989	79 613,328	2 680 361,231	33,667	33,206	61	75	73 207	21 874,817	228 536,463	10,447	9,986
12	26	98 963	78 031,714	2 600 747,903	33,329	32,868	62	76	70 975	20 791,804	206 661,646	9,940	9,478
13	27	98 937	76 481,274	2 522 716,189	32,985	32,523	63	77	68 587	19 698,362	185 869,842	9,436	8,974
14	28	98 907	74 958,947	2 446 234,916	32,634	32,173	64	78	66 078	18 605,625	166 171,480	8,931	8,470
15	29	98 871	73 462,598	2 371 275,968	32,279	31,817	65	79	63 371	17 493,734	147 565,856	8,435	7,974
16	30	98 831	71 993,191	2 297 813,371	31,917	31,455	66	80	60 476	16 367,147	130 072,121	7,947	7,486
17	31	98 781	70 545,465	2 225 820,180	31,552	31,090	67	81	57 364	15 220,346	113 704,974	7,471	7,009
18	32	98 723	69 121,515	2 155 274,715	31,181	30,719	68	82	54 050	14 059,947	98 484,628	7,005	6,543
19	33	98 651	67 717,278	2 086 153,200	30,807	30,345	69	83	50 498	12 878,392	84 424,681	6,556	6,094
20	34	98 577	66 339,457	2 018 435,922	30,426	29,964	70	84	46 705	11 677,483	71 546,289	6,127	5,665
21	35	98 499	64 987,025	1 952 096,465	30,038	29,577	71	85	42 741	10 476,957	59 868,806	5,714	5,253
22	36	98 413	63 657,262	1 887 109,440	29,645	29,183	72	86	38 604	9 277,306	49 391,849	5,324	4,862
23	37	98 325	62 353,169	1 823 452,178	29,244	28,782	73	87	34 384	8 101,084	40 114,543	4,952	4,490
24	38	98 234	61 074,017	1 761 099,008	28,835	28,374	74	88	30 084	6 948,920	32 013,459	4,607	4,145
25	39	98 134	59 815,898	1 700 024,991	28,421	27,959	75	89	25 843	5 852,391	25 064,539	4,283	3,821
26	40	98 027	58 578,996	1 640 209,093	28,000	27,538	76	90	21 744	4 827,449	19 212,148	3,980	3,518
27	41	97 922	57 368,736	1 581 630,097	27,570	27,108	77	91	17 850	3 885,362	14 384,698	3,702	3,241
28	42	97 806	56 177,359	1 524 261,361	27,133	26,671	78	92	14 289	3 049,211	10 499,337	3,443	2,982
29	43	97 682	55 005,951	1 468 084,002	26,690	26,228	79	93	11 085	2 319,011	7 450,126	3,213	2,751
30	44	97 546	53 852,520	1 413 078,051	26,240	25,778	80	94	8 329	1 708,408	5 131,115	3,003	2,542
31	45	97 403	52 718,795	1 359 225,532	25,783	25,321	81	95	6 060	1 218,595	3 422,707	2,809	2,347
32	46	97 242	51 599,880	1 306 506,737	25,320	24,858	82	96	4 238	835,526	2 204,112	2,638	2,176
33	47	97 068	50 497,345	1 254 906,857	24,851	24,389	83	97	2 842	549,376	1 368,586	2,491	2,030
34	48	96 873	49 408,208	1 204 409,512	24,377	23,915	84	98	1 846	349,847	819,210	2,342	1,880
35	49	96 659	48 331,942	1 155 001,304	23,897	23,436	85	99	1 145	212,644	469,363	2,207	1,746
36	50	96 423	47 268,745	1 106 669,362	23,412	22,951	86	100	675	122,961	256,719	2,088	1,626
37	51	96 160	46 215,607	1 059 400,617	22,923	22,461							
38	52	95 865	45 170,229	1 013 185,010	22,430	21,969							
39	53	95 556	44 142,020	968 014,781	21,930	21,468							
40	54	95 209	43 119,382	923 872,761	21,426	20,964							
41	55	94 830	42 105,297	880 753,379	20,918	20,456							
42	56	94 397	41 091,524	838 648,082	20,409	19,948							
43	57	93 945	40 092,782	797 556,558	19,893	19,431							
44	58	93 443	39 096,556	757 463,775	19,374	18,913							
45	59	92 892	38 103,804	718 367,219	18,853	18,391							
46	60	92 287	37 113,661	680 263,415	18,329	17,868							
47	61	91 625	36 124,729	643 149,754	17,804	17,342							
48	62	90 900	35 136,443	607 025,024	17,276	16,815							
49	63	90 107	34 146,758	571 888,581	16,748	16,286							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	3 650 230,906	36,653	36,191	50	65	88 574	32 907,625	520 736,891	15,824	15,363
1	16	99 240	97 294,024	3 550 642,306	36,494	36,032	51	66	87 582	31 900,997	487 829,265	15,292	14,830
2	17	99 203	95 351,054	3 453 348,282	36,217	35,756	52	67	86 504	30 890,663	455 928,268	14,759	14,298
3	18	99 177	93 456,872	3 357 997,228	35,931	35,469	53	68	85 352	29 881,674	425 037,606	14,224	13,762
4	19	99 149	91 598,653	3 264 540,355	35,640	35,178	54	69	84 100	28 865,935	395 155,932	13,689	13,228
5	20	99 122	89 777,595	3 172 941,702	35,342	34,881	55	70	82 712	27 833,078	366 289,997	13,160	12,699
6	21	99 096	87 994,846	3 083 164,107	35,038	34,576	56	71	81 210	26 791,598	338 456,919	12,633	12,171
7	22	99 071	86 247,042	2 995 169,261	34,728	34,266	57	72	79 581	25 739,351	311 665,321	12,109	11,647
8	23	99 044	84 533,521	2 908 922,220	34,411	33,950	58	73	77 837	24 681,721	285 925,970	11,585	11,123
9	24	99 021	82 856,135	2 824 388,699	34,088	33,626	59	74	75 943	23 609,018	261 244,249	11,065	10,604
10	25	98 997	81 211,642	2 741 532,564	33,758	33,296	60	75	73 914	22 527,547	237 635,231	10,549	10,087
11	26	98 970	79 597,850	2 660 320,923	33,422	32,960	61	76	71 734	21 434,696	215 107,685	10,035	9,574
12	27	98 945	78 017,806	2 580 723,073	33,079	32,617	62	77	69 403	20 331,290	193 672,989	9,526	9,064
13	28	98 916	76 465,232	2 502 705,267	32,730	32,268	63	78	66 945	19 226,814	173 341,699	9,016	8,554
14	29	98 883	74 941,108	2 426 240,035	32,375	31,914	64	79	64 280	18 099,412	154 114,885	8,515	8,053
15	30	98 847	73 444,470	2 351 298,928	32,015	31,553	65	80	61 419	16 954,780	136 015,473	8,022	7,561
16	31	98 803	71 972,832	2 277 854,458	31,649	31,187	66	81	58 344	15 790,017	119 060,692	7,540	7,079
17	32	98 749	70 522,749	2 205 881,626	31,279	30,817	67	82	55 045	14 605,212	103 270,675	7,071	6,609
18	33	98 689	69 098,296	2 135 358,876	30,903	30,442	68	83	51 509	13 399,097	88 665,464	6,617	6,156
19	34	98 617	67 693,562	2 066 260,580	30,524	30,062	69	84	47 711	12 167,558	75 266,366	6,186	5,724
20	35	98 539	66 314,129	1 998 567,018	30,138	29,676	70	85	43 726	10 932,600	63 098,808	5,772	5,310
21	36	98 453	64 956,680	1 932 252,889	29,747	29,285	71	86	39 591	9 704,871	52 166,209	5,375	4,914
22	37	98 366	63 626,907	1 867 296,210	29,348	28,886	72	87	35 312	8 486,151	42 461,338	5,004	4,542
23	38	98 275	62 321,685	1 803 669,303	28,941	28,480	73	88	30 977	7 298,309	33 975,187	4,655	4,194
24	39	98 179	61 040,176	1 741 347,618	28,528	28,066	74	89	26 675	6 161,579	26 676,878	4,330	3,868
25	40	98 070	59 776,979	1 680 307,442	28,110	27,648	75	90	22 514	5 098,567	20 515,298	4,024	3,562
26	41	97 965	58 541,908	1 620 530,463	27,682	27,220	76	91	18 545	4 117,249	15 416,732	3,744	3,283
27	42	97 850	57 326,688	1 561 988,555	27,247	26,786	77	92	14 888	3 240,671	11 299,483	3,487	3,025
28	43	97 727	56 132,032	1 504 661,866	26,806	26,344	78	93	11 603	2 476,124	8 058,812	3,255	2,793
29	44	97 595	54 956,682	1 448 529,834	26,358	25,896	79	94	8 763	1 833,274	5 582,688	3,045	2,584
30	45	97 454	53 801,583	1 393 573,152	25,902	25,440	80	95	6 418	1 316,403	3 749,414	2,848	2,387
31	46	97 298	52 662,087	1 339 771,569	25,441	24,979	81	96	4 519	908,763	2 433,011	2,677	2,216
32	47	97 127	51 538,776	1 287 109,482	24,974	24,512	82	97	3 054	602,153	1 524,248	2,531	2,070
33	48	96 941	50 431,730	1 235 570,706	24,500	24,038	83	98	2 005	387,452	922,095	2,380	1,918
34	49	96 727	49 333,250	1 185 138,976	24,023	23,562	84	99	1 257	238,238	534,643	2,244	1,783
35	50	96 496	48 250,548	1 135 805,725	23,540	23,078	85	100	752	139,653	296,405	2,122	1,661
36	51	96 245	47 181,586	1 087 555,177	23,050	22,589							
37	52	95 960	46 119,640	1 040 373,591	22,558	22,097							
38	53	95 653	45 070,654	994 253,951	22,060	21,598							
39	54	95 319	44 032,611	949 183,297	21,556	21,095							
40	55	94 947	43 000,619	905 150,686	21,050	20,588							
41	56	94 534	41 974,249	862 150,067	20,540	20,078							
42	57	94 078	40 952,570	820 175,817	20,027	19,566							
43	58	93 592	39 942,182	779 223,248	19,509	19,047							
44	59	93 053	38 933,384	739 281,065	18,988	18,527							
45	60	92 461	37 927,213	700 347,681	18,466	18,004							
46	61	91 814	36 923,387	662 420,468	17,940	17,479							
47	62	91 113	35 922,930	625 497,081	17,412	16,951							
48	63	90 344	34 921,341	589 574,151	16,883	16,421							
49	64	89 498	33 915,920	554 652,811	16,354	15,892							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	3 629 227,182	36,446	35,985	50	66	87 864	32 643,914	503 222,663	15,416	14,954
1	17	99 227	97 281,586	3 529 650,111	36,283	35,821	51	67	86 815	31 621,616	470 578,749	14,882	14,420
2	18	99 190	95 338,692	3 432 368,525	36,002	35,540	52	68	85 694	30 601,590	438 957,134	14,344	13,883
3	19	99 161	93 441,702	3 337 029,833	35,712	35,251	53	69	84 481	29 576,762	408 355,544	13,807	13,345
4	20	99 133	91 583,597	3 243 588,131	35,417	34,955	54	70	83 129	28 532,641	378 778,782	13,275	12,814
5	21	99 105	89 762,900	3 152 004,534	35,115	34,653	55	71	81 674	27 483,723	350 246,141	12,744	12,282
6	22	99 080	87 979,905	3 062 241,633	34,806	34,345	56	72	80 088	26 421,486	322 762,418	12,216	11,754
7	23	99 054	86 232,571	2 974 261,729	34,491	34,030	57	73	78 391	25 354,602	296 340,932	11,688	11,226
8	24	99 028	84 519,694	2 888 029,158	34,170	33,708	58	74	76 534	24 268,647	270 986,330	11,166	10,704
9	25	99 004	82 842,524	2 803 509,463	33,841	33,380	59	75	74 561	23 179,520	246 717,684	10,644	10,182
10	26	98 977	81 195,853	2 720 666,939	33,507	33,046	60	76	72 426	22 074,293	223 538,164	10,127	9,665
11	27	98 952	79 583,662	2 639 471,086	33,166	32,704	61	77	70 146	20 959,942	201 463,871	9,612	9,150
12	28	98 925	78 001,442	2 559 887,424	32,818	32,357	62	78	67 741	19 844,590	180 503,929	9,096	8,634
13	29	98 892	76 447,034	2 481 885,982	32,465	32,004	63	79	65 124	18 703,701	160 659,338	8,590	8,128
14	30	98 859	74 922,615	2 405 438,948	32,106	31,644	64	80	62 300	17 541,799	141 955,637	8,092	7,631
15	31	98 819	73 423,701	2 330 516,333	31,741	31,279	65	81	59 253	16 356,929	124 413,839	7,606	7,145
16	32	98 771	71 949,657	2 257 092,633	31,370	30,909	66	82	55 986	15 151,859	108 056,910	7,132	6,670
17	33	98 716	70 499,060	2 185 142,976	30,995	30,534	67	83	52 458	13 918,733	92 905,051	6,675	6,213
18	34	98 655	69 074,096	2 114 643,916	30,614	30,153	68	84	48 666	12 659,523	78 986,318	6,239	5,778
19	35	98 579	67 667,717	2 045 569,820	30,230	29,768	69	85	44 667	11 391,414	66 326,795	5,823	5,361
20	36	98 493	66 283,164	1 977 902,103	29,840	29,379	70	86	40 503	10 126,935	54 935,381	5,425	4,963
21	37	98 406	64 925,705	1 911 618,939	29,443	28,982	71	87	36 215	8 877,254	44 808,446	5,048	4,586
22	38	98 316	63 594,780	1 846 693,234	29,038	28,577	72	88	31 813	7 645,218	35 931,192	4,700	4,238
23	39	98 221	62 287,152	1 783 098,454	28,627	28,165	73	89	27 467	6 471,381	28 285,974	4,371	3,909
24	40	98 115	61 000,460	1 720 811,302	28,210	27,748	74	90	23 239	5 367,929	21 814,593	4,064	3,602
25	41	98 008	59 739,132	1 659 810,842	27,784	27,323	75	91	19 202	4 348,481	16 446,663	3,782	3,321
26	42	97 893	58 499,000	1 600 071,709	27,352	26,891	76	92	15 468	3 434,081	12 098,182	3,523	3,061
27	43	97 771	57 280,434	1 541 572,709	26,913	26,451	77	93	12 090	2 631,600	8 664,101	3,292	2,831
28	44	97 640	56 081,755	1 484 292,275	26,467	26,005	78	94	9 173	1 957,478	6 032,501	3,082	2,620
29	45	97 502	54 904,701	1 428 210,520	26,013	25,551	79	95	6 752	1 412,617	4 075,023	2,885	2,423
30	46	97 349	53 743,711	1 373 305,819	25,553	25,091	80	96	4 786	981,703	2 662,405	2,712	2,250
31	47	97 183	52 599,725	1 319 562,108	25,087	24,625	81	97	3 257	654,934	1 680,702	2,566	2,105
32	48	97 001	51 471,809	1 266 962,383	24,615	24,153	82	98	2 154	424,674	1 025,769	2,415	1,954
33	49	96 794	50 355,220	1 215 490,574	24,138	23,677	83	99	1 365	263,846	601,095	2,278	1,817
34	50	96 564	49 250,170	1 165 135,355	23,657	23,196	84	100	826	156,461	337,249	2,155	1,694
35	51	96 318	48 161,579	1 115 885,185	23,170	22,708							
36	52	96 045	47 083,613	1 067 723,605	22,677	22,216							
37	53	95 749	46 017,973	1 020 639,992	22,179	21,718							
38	54	95 416	44 958,943	974 622,020	21,678	21,216							
39	55	95 057	43 911,333	929 663,076	21,171	20,710							
40	56	94 652	42 866,785	885 751,743	20,663	20,201							
41	57	94 215	41 832,310	842 884,958	20,149	19,688							
42	58	93 725	40 798,740	801 052,648	19,634	19,173							
43	59	93 201	39 775,481	760 253,909	19,114	18,652							
44	60	92 622	38 752,948	720 478,428	18,592	18,130							
45	61	91 987	37 732,768	681 725,479	18,067	17,606							
46	62	91 301	36 717,126	643 992,712	17,539	17,078							
47	63	90 555	35 703,013	607 275,586	17,009	16,547							
48	64	89 733	34 685,266	571 572,573	16,479	16,017							
49	65	88 835	33 664,644	536 887,307	15,948	15,486							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	3 607 406,662	36,232	35,770	50	67	87 094	32 358,026	485 223,938	14,995	14,534
1	18	99 214	97 268,973	3 507 842,321	36,063	35,602	51	68	86 002	31 325,703	452 865,912	14,457	13,995
2	19	99 174	95 323,217	3 410 573,348	35,779	35,317	52	69	84 820	30 289,332	421 540,209	13,917	13,456
3	20	99 145	93 426,344	3 315 250,132	35,485	35,024	53	70	83 506	29 235,260	391 250,877	13,383	12,921
4	21	99 117	91 568,606	3 221 823,788	35,185	34,723	54	71	82 085	28 174,506	362 015,617	12,849	12,387
5	22	99 089	89 747,659	3 130 255,181	34,878	34,417	55	72	80 546	27 104,050	333 841,112	12,317	11,855
6	23	99 063	87 965,143	3 040 507,522	34,565	34,103	56	73	78 891	26 026,540	306 737,062	11,786	11,324
7	24	99 038	86 218,467	2 952 542,379	34,245	33,783	57	74	77 079	24 930,266	280 710,522	11,260	10,798
8	25	99 012	84 505,810	2 866 323,912	33,919	33,457	58	75	75 142	23 827,149	255 780,256	10,735	10,273
9	26	98 985	82 826,418	2 781 818,101	33,586	33,125	59	76	73 061	22 713,148	231 953,107	10,212	9,751
10	27	98 960	81 181,381	2 698 991,683	33,246	32,785	60	77	70 822	21 585,373	209 239,959	9,694	9,232
11	28	98 932	79 566,970	2 617 810,302	32,901	32,439	61	78	68 466	20 458,194	187 654,586	9,173	8,711
12	29	98 901	77 982,878	2 538 243,333	32,549	32,087	62	79	65 898	19 304,669	167 196,392	8,661	8,199
13	30	98 868	76 428,169	2 460 260,454	32,190	31,729	63	80	63 117	18 127,470	147 891,723	8,158	7,697
14	31	98 831	74 901,428	2 383 832,285	31,826	31,365	64	81	60 103	16 923,248	129 764,253	7,668	7,206
15	32	98 787	73 400,058	2 308 930,857	31,457	30,995	65	82	56 859	15 695,859	112 841,004	7,189	6,728
16	33	98 738	71 925,488	2 235 530,799	31,081	30,620	66	83	53 354	14 439,687	97 145,145	6,728	6,266
17	34	98 681	70 474,369	2 163 605,311	30,701	30,239	67	84	49 562	13 150,477	82 705,458	6,289	5,828
18	35	98 617	69 047,724	2 093 130,942	30,314	29,853	68	85	45 562	11 851,997	69 554,982	5,869	5,407
19	36	98 533	67 636,120	2 024 083,217	29,926	29,464	69	86	41 376	10 551,938	57 702,985	5,468	5,007
20	37	98 446	66 251,557	1 956 447,097	29,531	29,069	70	87	37 049	9 263,325	47 151,047	5,090	4,628
21	38	98 356	64 892,922	1 890 195,540	29,128	28,666	71	88	32 626	7 997,564	37 887,722	4,737	4,276
22	39	98 262	63 559,541	1 825 302,619	28,718	28,256	72	89	28 208	6 778,984	29 890,157	4,409	3,948
23	40	98 157	62 246,625	1 761 743,077	28,303	27,841	73	90	23 929	5 637,827	23 111,173	4,099	3,638
24	41	98 053	60 961,839	1 699 496,452	27,878	27,416	74	91	19 820	4 578,216	17 473,346	3,817	3,355
25	42	97 937	59 695,347	1 638 534,613	27,448	26,987	75	92	16 016	3 626,945	12 895,131	3,555	3,094
26	43	97 814	58 451,800	1 578 839,266	27,011	26,549	76	93	12 561	2 788,660	9 268,185	3,324	2,862
27	44	97 684	57 229,128	1 520 387,466	26,567	26,105	77	94	9 558	2 080,388	6 479,525	3,115	2,653
28	45	97 547	56 028,710	1 463 158,337	26,114	25,653	78	95	7 068	1 508,322	4 399,137	2,917	2,455
29	46	97 397	54 845,642	1 407 129,627	25,656	25,195	79	96	5 035	1 053,454	2 890,814	2,744	2,283
30	47	97 234	53 680,068	1 352 283,985	25,192	24,730	80	97	3 449	707,500	1 837,360	2,597	2,135
31	48	97 056	52 531,379	1 298 603,917	24,721	24,259	81	98	2 297	461,898	1 129,860	2,446	1,985
32	49	96 854	51 393,720	1 246 072,538	24,246	23,784	82	99	1 467	289,193	667,961	2,310	1,848
33	50	96 631	50 270,418	1 194 678,818	23,765	23,303	83	100	897	173,279	378,768	2,186	1,724
34	51	96 386	49 159,358	1 144 408,400	23,280	22,818							
35	52	96 118	48 061,571	1 095 249,042	22,788	22,327							
36	53	95 834	46 979,821	1 047 187,471	22,290	21,829							
37	54	95 512	45 903,914	1 000 207,650	21,789	21,328							
38	55	95 154	44 835,114	954 303,736	21,285	20,823							
39	56	94 761	43 774,664	909 468,622	20,776	20,315							
40	57	94 331	42 721,827	865 693,958	20,264	19,802							
41	58	93 861	41 675,176	822 972,131	19,747	19,286							
42	59	93 334	40 628,463	781 296,955	19,230	18,769							
43	60	92 770	39 591,143	740 668,492	18,708	18,246							
44	61	92 147	38 554,270	701 077,349	18,184	17,723							
45	62	91 473	37 521,985	662 523,080	17,657	17,195							
46	63	90 742	36 492,347	625 001,094	17,127	16,665							
47	64	89 943	35 461,654	588 508,748	16,596	16,134							
48	65	89 068	34 428,290	553 047,094	16,064	15,602							
49	66	88 123	33 394,866	518 618,804	15,530	15,068							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	3 584 770,264	36,009	35,548	50	68	86 279	32 055,222	466 770,159	14,561	14,100
1	19	99 198	97 253,185	3 485 218,833	35,837	35,375	51	69	85 125	31 006,056	434 714,937	14,020	13,559
2	20	99 158	95 307,548	3 387 965,648	35,548	35,086	52	70	83 841	29 939,602	403 708,881	13,484	13,022
3	21	99 129	93 411,051	3 292 658,100	35,249	34,788	53	71	82 458	28 868,306	373 769,279	12,947	12,486
4	22	99 100	91 553,058	3 199 247,048	34,944	34,483	54	72	80 951	27 785,289	344 900,973	12,413	11,951
5	23	99 072	89 732,601	3 107 693,990	34,633	34,171	55	73	79 342	26 698,901	317 115,684	11,877	11,416
6	24	99 047	87 950,756	3 017 961,389	34,314	33,853	56	74	77 570	25 590,959	290 416,783	11,348	10,887
7	25	99 022	86 204,304	2 930 010,633	33,989	33,528	57	75	75 677	24 476,732	264 825,824	10,819	10,358
8	26	98 993	84 489,381	2 843 806,329	33,659	33,197	58	76	73 630	23 347,747	240 349,092	10,294	9,833
9	27	98 968	82 811,655	2 759 316,947	33,320	32,859	59	77	71 443	22 210,079	217 001,345	9,770	9,309
10	28	98 939	81 164,353	2 676 505,292	32,976	32,515	60	78	69 127	21 068,653	194 791,267	9,246	8,784
11	29	98 908	79 548,033	2 595 340,939	32,626	32,164	61	79	66 604	19 901,578	173 722,614	8,729	8,267
12	30	98 877	77 963,635	2 515 792,905	32,269	31,807	62	80	63 868	18 709,923	153 821,036	8,221	7,760
13	31	98 840	76 406,557	2 437 829,270	31,906	31,444	63	81	60 892	17 488,268	135 111,112	7,726	7,264
14	32	98 799	74 877,309	2 361 422,714	31,537	31,076	64	82	57 674	16 239,290	117 622,844	7,243	6,781
15	33	98 754	73 375,402	2 286 545,404	31,162	30,701	65	83	54 186	14 958,118	101 383,554	6,778	6,316
16	34	98 704	71 900,298	2 213 170,002	30,781	30,319	66	84	50 409	13 642,676	86 425,436	6,335	5,873
17	35	98 643	70 447,463	2 141 269,704	30,395	29,934	67	85	46 401	12 311,634	72 782,760	5,912	5,450
18	36	98 571	69 015,483	2 070 822,241	30,005	29,544	68	86	42 204	10 978,579	60 471,126	5,508	5,046
19	37	98 486	67 603,868	2 001 806,758	29,611	29,149	69	87	37 847	9 652,084	49 492,547	5,128	4,666
20	38	98 397	66 218,104	1 934 202,891	29,210	28,748	70	88	33 378	8 345,378	39 840,463	4,774	4,312
21	39	98 302	64 856,964	1 867 984,787	28,802	28,340	71	89	28 930	7 091,408	31 495,085	4,441	3,980
22	40	98 198	63 518,187	1 803 127,823	28,388	27,926	72	90	24 575	5 905,809	24 403,677	4,132	3,671
23	41	98 095	62 207,215	1 739 609,636	27,965	27,503	73	91	20 409	4 808,407	18 497,868	3,847	3,385
24	42	97 981	60 917,158	1 677 402,421	27,536	27,074	74	92	16 532	3 818,561	13 689,461	3,585	3,123
25	43	97 858	59 647,182	1 616 485,263	27,101	26,639	75	93	13 006	2 945,276	9 870,901	3,351	2,890
26	44	97 727	58 399,445	1 556 838,082	26,658	26,197	76	94	9 930	2 204,551	6 925,625	3,142	2,680
27	45	97 591	57 174,998	1 498 438,636	26,208	25,746	77	95	7 365	1 603,030	4 721,074	2,945	2,483
28	46	97 442	55 968,442	1 441 263,638	25,751	25,290	78	96	5 271	1 124,826	3 118,044	2,772	2,310
29	47	97 282	54 780,695	1 385 295,196	25,288	24,826	79	97	3 629	759,211	1 993,218	2,625	2,164
30	48	97 108	53 610,318	1 330 514,501	24,818	24,357	80	98	2 433	498,971	1 234,007	2,473	2,011
31	49	96 909	52 451,683	1 276 904,183	24,344	23,883	81	99	1 564	314,542	735,036	2,337	1,875
32	50	96 690	51 307,170	1 224 452,500	23,865	23,404	82	100	963	189,926	420,494	2,214	1,752
33	51	96 453	50 177,724	1 173 145,331	23,380	22,918							
34	52	96 185	49 057,278	1 122 967,606	22,891	22,429							
35	53	95 906	47 955,623	1 073 910,328	22,394	21,932							
36	54	95 596	46 863,378	1 025 954,705	21,892	21,431							
37	55	95 249	45 777,482	979 091,327	21,388	20,926							
38	56	94 857	44 695,570	933 313,845	20,882	20,420							
39	57	94 441	43 626,636	888 618,275	20,369	19,907							
40	58	93 977	42 561,352	844 991,639	19,853	19,392							
41	59	93 469	41 501,241	802 430,287	19,335	18,873							
42	60	92 901	40 440,172	760 929,046	18,816	18,355							
43	61	92 294	39 388,167	720 488,874	18,292	17,830							
44	62	91 632	38 338,898	681 100,707	17,765	17,304							
45	63	90 913	37 292,279	642 761,809	17,236	16,774							
46	64	90 129	36 245,652	605 469,530	16,705	16,243							
47	65	89 277	35 198,926	569 223,878	16,172	15,710							
48	66	88 355	34 152,392	534 024,953	15,637	15,175							
49	67	87 351	33 102,401	499 872,560	15,101	14,639							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	3 561 317,748	35,779	35,318	50	69	85 399	31 728,131	447 885,885	14,116	13,655
1	20	99 182	97 237,199	3 461 782,476	35,601	35,140	51	70	84 142	30 648,051	416 157,754	13,579	13,117
2	21	99 142	95 291,948	3 364 545,277	35,308	34,846	52	71	82 788	29 563,808	385 509,703	13,040	12,578
3	22	99 112	93 395,191	3 269 253,328	35,005	34,543	53	72	81 318	28 469,505	355 945,895	12,503	12,041
4	23	99 083	91 537,698	3 175 858,138	34,695	34,233	54	73	79 741	27 369,957	327 476,390	11,965	11,503
5	24	99 056	89 717,925	3 084 320,440	34,378	33,916	55	74	78 014	26 252,067	300 106,433	11,432	10,970
6	25	99 031	87 936,308	2 994 602,515	34,054	33,593	56	75	76 159	25 125,405	273 854,366	10,900	10,438
7	26	99 002	86 187,545	2 906 666,207	33,725	33,263	57	76	74 154	23 984,260	248 728,960	10,371	9,909
8	27	98 975	84 474,322	2 820 478,662	33,389	32,927	58	77	71 999	22 830,622	224 744,700	9,844	9,382
9	28	98 947	82 794,286	2 736 004,340	33,046	32,584	59	78	69 733	21 678,404	201 914,079	9,314	8,852
10	29	98 915	81 145,037	2 653 210,054	32,697	32,236	60	79	67 246	20 495,428	180 235,675	8,794	8,332
11	30	98 884	79 528,404	2 572 065,017	32,341	31,880	61	80	64 552	19 288,442	159 740,247	8,282	7,820
12	31	98 849	77 941,588	2 492 536,613	31,980	31,518	62	81	61 616	18 050,183	140 451,804	7,781	7,320
13	32	98 808	76 381,953	2 414 595,026	31,612	31,151	63	82	58 431	16 781,475	122 401,621	7,294	6,832
14	33	98 766	74 852,157	2 338 213,072	31,238	30,776	64	83	54 963	15 476,007	105 620,146	6,825	6,363
15	34	98 719	73 349,704	2 263 360,915	30,857	30,396	65	84	51 195	14 132,492	90 144,140	6,379	5,917
16	35	98 666	71 872,847	2 190 011,211	30,471	30,009	66	85	47 194	12 772,437	76 011,648	5,951	5,490
17	36	98 597	70 414,568	2 118 138,363	30,081	29,619	67	86	42 982	11 404,344	63 239,212	5,545	5,084
18	37	98 524	68 982,573	2 047 723,795	29,685	29,223	68	87	38 605	10 042,342	51 834,868	5,162	4,700
19	38	98 436	67 569,732	1 978 741,223	29,284	28,823	69	88	34 097	8 695,613	41 792,526	4,806	4,345
20	39	98 342	66 181,412	1 911 171,491	28,878	28,416	70	89	29 596	7 399,813	33 096,913	4,473	4,011
21	40	98 238	64 814,765	1 844 990,078	28,466	28,004	71	90	25 203	6 177,990	25 697,099	4,159	3,698
22	41	98 136	63 477,971	1 780 175,313	28,044	27,582	72	91	20 960	5 036,964	19 519,109	3,875	3,414
23	42	98 023	62 161,621	1 716 697,342	27,617	27,155	73	92	17 022	4 010,556	14 482,145	3,611	3,149
24	43	97 902	60 868,007	1 654 535,721	27,182	26,721	74	93	13 424	3 100,878	10 471,589	3,377	2,915
25	44	97 770	59 593,756	1 593 667,714	26,742	26,281	75	94	10 282	2 328,362	7 370,711	3,166	2,704
26	45	97 634	58 344,208	1 534 073,959	26,294	25,832	76	95	7 651	1 698,702	5 042,349	2,968	2,507
27	46	97 486	57 113,497	1 475 729,750	25,839	25,377	77	96	5 492	1 195,454	3 343,646	2,797	2,335
28	47	97 327	55 902,165	1 418 616,253	25,377	24,915	78	97	3 799	810,648	2 148,192	2,650	2,188
29	48	97 156	54 709,514	1 362 714,088	24,908	24,447	79	98	2 559	535,441	1 337,545	2,498	2,036
30	49	96 960	53 528,985	1 308 004,574	24,435	23,974	80	99	1 657	339,788	802,104	2,361	1,899
31	50	96 746	52 363,351	1 254 475,588	23,957	23,496	81	100	1 027	206,574	462,316	2,238	1,776
32	51	96 512	51 212,565	1 202 112,238	23,473	23,011							
33	52	96 253	50 073,530	1 150 899,673	22,984	22,523							
34	53	95 973	48 949,135	1 100 826,143	22,489	22,028							
35	54	95 668	47 836,762	1 051 877,008	21,989	21,527							
36	55	95 333	46 734,303	1 004 040,247	21,484	21,022							
37	56	94 952	45 635,005	957 305,943	20,977	20,516							
38	57	94 537	44 544,428	911 670,939	20,467	20,005							
39	58	94 086	43 462,762	867 126,510	19,951	19,489							
40	59	93 585	42 383,719	823 663,748	19,433	18,972							
41	60	93 036	41 308,905	781 280,030	18,913	18,452							
42	61	92 425	40 232,843	739 971,125	18,392	17,931							
43	62	91 778	39 168,137	699 738,281	17,865	17,403							
44	63	91 071	38 104,191	660 570,144	17,336	16,874							
45	64	90 299	37 040,176	622 465,954	16,805	16,344							
46	65	89 461	35 977,115	585 425,777	16,272	15,811							
47	66	88 561	34 916,852	549 448,662	15,736	15,274							
48	67	87 581	33 853,294	514 531,810	15,199	14,737							
49	68	86 534	32 792,631	480 678,516	14,658	14,197							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	3 537 051,836	35,542	35,080	50	70	84 413	31 361,789	428 603,547	13,666	13,205
1	21	99 166	97 221,283	3 437 532,924	35,358	34,896	51	71	83 086	30 263,364	397 241,758	13,126	12,665
2	22	99 125	95 275,768	3 340 311,641	35,059	34,598	52	72	81 645	29 155,399	366 978,394	12,587	12,125
3	23	99 095	93 379,521	3 245 035,873	34,751	34,289	53	73	80 103	28 043,945	337 822,995	12,046	11,585
4	24	99 067	91 522,726	3 151 656,352	34,436	33,974	54	74	78 407	26 911,893	309 779,050	11,511	11,049
5	25	99 040	89 703,187	3 060 133,626	34,114	33,652	55	75	76 595	25 774,487	282 867,157	10,975	10,513
6	26	99 011	87 919,212	2 970 430,439	33,786	33,324	56	76	74 627	24 619,882	257 092,671	10,442	9,981
7	27	98 985	86 172,183	2 882 511,227	33,451	32,989	57	77	72 512	23 453,037	232 472,788	9,912	9,451
8	28	98 954	84 456,604	2 796 339,044	33,110	32,648	58	78	70 276	22 284,092	209 019,751	9,380	8,918
9	29	98 923	82 774,582	2 711 882,440	32,762	32,301	59	79	67 836	21 088,589	186 735,659	8,855	8,393
10	30	98 891	81 125,013	2 629 107,859	32,408	31,946	60	80	65 174	19 863,997	165 647,070	8,339	7,877
11	31	98 856	79 505,914	2 547 982,846	32,048	31,586	61	81	62 276	18 608,303	145 783,073	7,834	7,373
12	32	98 817	77 916,490	2 468 476,931	31,681	31,219	62	82	59 126	17 320,680	127 174,770	7,342	6,881
13	33	98 775	76 356,296	2 390 560,441	31,308	30,846	63	83	55 684	15 992,707	109 854,091	6,869	6,407
14	34	98 731	74 825,942	2 314 204,145	30,928	30,466	64	84	51 929	14 621,795	93 861,384	6,419	5,958
15	35	98 681	73 321,700	2 239 378,203	30,542	30,080	65	85	47 930	13 231,008	79 239,589	5,989	5,527
16	36	98 620	71 839,287	2 166 056,503	30,151	29,690	66	86	43 716	11 831,188	66 008,580	5,579	5,118
17	37	98 550	70 380,990	2 094 217,216	29,755	29,294	67	87	39 316	10 431,798	54 177,392	5,193	4,732
18	38	98 474	68 947,741	2 023 836,226	29,353	28,892	68	88	34 780	9 047,199	43 745,594	4,835	4,374
19	39	98 382	67 532,291	1 954 888,485	28,947	28,486	69	89	30 233	7 710,365	34 698,396	4,500	4,039
20	40	98 278	66 138,351	1 887 356,193	28,536	28,075	70	90	25 784	6 446,671	26 988,031	4,186	3,725
21	41	98 175	64 773,729	1 821 217,842	28,117	27,655	71	91	21 496	5 269,103	20 541,359	3,898	3,437
22	42	98 064	63 431,446	1 756 444,113	27,690	27,229	72	92	17 482	4 201,189	15 272,257	3,635	3,174
23	43	97 944	62 111,466	1 693 012,667	27,258	26,796	73	93	13 823	3 256,789	11 071,067	3,399	2,938
24	44	97 815	60 813,487	1 630 901,201	26,818	26,356	74	94	10 613	2 451,372	7 814,278	3,188	2,726
25	45	97 677	59 537,389	1 570 087,714	26,371	25,910	75	95	7 922	1 794,104	5 362,906	2,989	2,528
26	46	97 529	58 281,450	1 510 550,325	25,918	25,457	76	96	5 706	1 266,801	3 568,802	2,817	2,356
27	47	97 371	57 045,864	1 452 268,875	25,458	24,996	77	97	3 958	861,548	2 302,001	2,672	2,210
28	48	97 201	55 829,527	1 395 223,011	24,991	24,529	78	98	2 679	571,717	1 440,452	2,520	2,058
29	49	97 008	54 626,514	1 339 393,484	24,519	24,057	79	99	1 743	364,623	868,735	2,383	1,921
30	50	96 797	53 438,839	1 284 766,970	24,042	23,580	80	100	1 088	223,154	504,113	2,259	1,797
31	51	96 568	52 266,798	1 231 328,131	23,559	23,097							
32	52	96 312	51 106,221	1 179 061,333	23,071	22,609							
33	53	96 041	49 963,147	1 127 955,111	22,576	22,114							
34	54	95 736	48 827,811	1 077 991,964	22,077	21,616							
35	55	95 405	47 705,006	1 029 164,154	21,574	21,112							
36	56	95 036	46 588,848	981 459,148	21,066	20,605							
37	57	94 631	45 480,686	934 870,299	20,555	20,094							
38	58	94 181	44 377,106	889 389,613	20,042	19,580							
39	59	93 693	43 281,367	845 012,507	19,524	19,062							
40	60	93 151	42 187,293	801 731,140	19,004	18,542							
41	61	92 559	41 097,122	759 543,847	18,482	18,020							
42	62	91 908	40 008,095	718 446,725	17,958	17,496							
43	63	91 217	38 928,353	678 438,630	17,428	16,966							
44	64	90 455	37 846,599	639 510,277	16,897	16,436							
45	65	89 630	36 765,753	601 663,677	16,365	15,903							
46	66	88 744	35 688,805	564 897,924	15,828	15,367							
47	67	87 786	34 611,059	529 209,119	15,290	14,829							
48	68	86 761	33 536,497	494 598,060	14,748	14,286							
49	69	85 651	32 458,016	461 061,563	14,205	13,743							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	3 511 972,029	35,295	34,834	50	71	83 353	30 968,143	408 971,401	13,206	12,745
1	22	99 149	97 204,775	3 412 469,406	35,106	34,644	51	72	81 938	29 845,291	378 003,258	12,665	12,204
2	23	99 108	95 259,783	3 315 264,631	34,802	34,341	52	73	80 424	28 719,587	348 157,967	12,123	11,661
3	24	99 079	93 364,248	3 220 004,848	34,489	34,027	53	74	78 762	27 574,601	319 438,381	11,585	11,123
4	25	99 051	91 507,692	3 126 640,600	34,168	33,706	54	75	76 980	26 422,308	291 863,780	11,046	10,585
5	26	99 020	89 685,747	3 035 132,909	33,842	33,380	55	76	75 054	25 255,904	265 441,472	10,510	10,048
6	27	98 994	87 903,542	2 945 447,161	33,508	33,046	56	77	72 974	24 074,581	240 185,567	9,977	9,515
7	28	98 964	86 154,108	2 857 543,620	33,168	32,706	57	78	70 776	22 891,608	216 110,986	9,441	8,979
8	29	98 931	84 436,504	2 771 389,511	32,822	32,361	58	79	68 364	21 677,798	193 219,378	8,913	8,452
9	30	98 899	82 754,156	2 686 953,007	32,469	32,007	59	80	65 746	20 438,884	171 541,580	8,393	7,931
10	31	98 863	81 102,072	2 604 198,851	32,110	31,649	60	81	62 876	19 163,562	151 102,697	7,885	7,423
11	32	98 824	79 480,313	2 523 096,779	31,745	31,283	61	82	59 759	17 856,243	131 939,134	7,389	6,927
12	33	98 784	77 890,318	2 443 616,466	31,373	30,911	62	83	56 347	16 506,568	114 082,891	6,911	6,450
13	34	98 740	76 329,554	2 365 726,149	30,994	30,532	63	84	52 611	15 109,976	97 576,323	6,458	5,996
14	35	98 694	74 797,374	2 289 396,595	30,608	30,146	64	85	48 617	13 689,100	82 466,348	6,024	5,563
15	36	98 635	73 287,463	2 214 599,220	30,218	29,756	65	86	44 398	12 255,966	68 777,248	5,612	5,150
16	37	98 573	71 805,600	2 141 311,757	29,821	29,360	66	87	39 988	10 822,242	56 521,282	5,223	4,761
17	38	98 501	70 345,453	2 069 506,728	29,419	28,958	67	88	35 420	9 398,062	45 699,040	4,863	4,401
18	39	98 420	68 909,537	1 999 161,275	29,011	28,550	68	89	30 839	8 022,114	36 300,979	4,525	4,064
19	40	98 318	67 488,352	1 930 251,738	28,601	28,140	69	90	26 339	6 717,222	28 278,864	4,210	3,748
20	41	98 216	66 096,477	1 862 763,387	28,182	27,721	70	91	21 991	5 498,256	21 561,642	3,922	3,460
21	42	98 103	64 726,254	1 796 666,909	27,758	27,296	71	92	17 929	4 394,810	16 063,386	3,655	3,193
22	43	97 985	63 380,266	1 731 940,656	27,326	26,865	72	93	14 196	3 411,594	11 668,576	3,420	2,959
23	44	97 856	62 055,833	1 668 560,390	26,888	26,426	73	94	10 928	2 574,626	8 256,982	3,207	2,745
24	45	97 722	60 755,967	1 606 504,557	26,442	25,980	74	95	8 177	1 888,889	5 682,356	3,008	2,547
25	46	97 572	59 473,347	1 545 748,590	25,991	25,529	75	96	5 908	1 337,947	3 793,468	2,835	2,374
26	47	97 414	58 212,433	1 486 275,243	25,532	25,070	76	97	4 112	912,967	2 455,521	2,690	2,228
27	48	97 244	56 971,741	1 428 062,809	25,066	24,605	77	98	2 792	607,615	1 542,553	2,539	2,077
28	49	97 053	55 744,828	1 371 091,069	24,596	24,134	78	99	1 824	389,326	934,938	2,401	1,940
29	50	96 845	54 534,519	1 315 346,241	24,120	23,658	79	100	1 145	239,464	545,613	2,278	1,817
30	51	96 619	53 340,303	1 260 811,722	23,637	23,176							
31	52	96 367	52 158,266	1 207 471,418	23,150	22,689							
32	53	96 099	50 993,562	1 155 313,153	22,656	22,194							
33	54	95 803	49 839,309	1 104 319,591	22,158	21,696							
34	55	95 472	48 693,326	1 054 480,282	21,656	21,194							
35	56	95 108	47 556,530	1 005 786,956	21,149	20,688							
36	57	94 715	46 431,304	958 230,426	20,638	20,176							
37	58	94 276	45 309,847	911 799,122	20,124	19,662							
38	59	93 788	44 191,895	866 489,275	19,607	19,146							
39	60	93 259	43 080,781	822 297,380	19,087	18,626							
40	61	92 674	41 971,007	779 216,599	18,566	18,104							
41	62	92 042	40 867,546	737 245,592	18,040	17,578							
42	63	91 346	39 763,169	696 378,046	17,513	17,052							
43	64	90 600	38 665,190	656 614,877	16,982	16,520							
44	65	89 785	37 566,202	617 949,687	16,450	15,988							
45	66	88 911	36 471,124	580 383,485	15,914	15,452							
46	67	87 967	35 376,251	543 912,361	15,375	14,913							
47	68	86 964	34 287,171	508 536,110	14,832	14,370							
48	69	85 876	33 194,291	474 248,939	14,287	13,825							
49	70	84 662	32 083,246	441 054,648	13,747	13,286							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	3 486 077,368	35,041	34,579	50	72	82 202	30 540,334	389 026,354	12,738	12,277
1	23	99 132	97 188,467	3 386 591,641	34,846	34,384	51	73	80 713	29 399,167	358 486,020	12,194	11,732
2	24	99 092	95 244,202	3 289 403,174	34,537	34,075	52	74	79 078	28 238,934	329 086,853	11,654	11,192
3	25	99 063	93 348,911	3 194 158,972	34,217	33,756	53	75	77 329	27 072,960	300 847,919	11,112	10,651
4	26	99 032	91 489,901	3 100 810,061	33,892	33,431	54	76	75 432	25 890,692	273 774,958	10,574	10,113
5	27	99 003	89 669,762	3 009 320,160	33,560	33,098	55	77	73 391	24 696,516	247 884,267	10,037	9,576
6	28	98 973	87 885,104	2 919 650,398	33,221	32,760	56	78	71 227	23 498,273	223 187,751	9,498	9,036
7	29	98 940	86 133,605	2 831 765,294	32,876	32,415	57	79	68 850	22 268,785	199 689,478	8,967	8,506
8	30	98 906	84 415,668	2 745 631,689	32,525	32,064	58	80	66 257	21 009,940	177 420,693	8,445	7,983
9	31	98 871	82 730,754	2 661 216,021	32,167	31,706	59	81	63 427	19 718,178	156 410,753	7,932	7,471
10	32	98 831	81 075,957	2 578 485,267	31,803	31,342	60	82	60 335	18 389,061	136 692,575	7,433	6,972
11	33	98 791	79 453,615	2 497 409,310	31,432	30,971	61	83	56 950	17 016,959	118 303,514	6,952	6,490
12	34	98 749	77 863,038	2 417 955,695	31,054	30,592	62	84	53 236	15 595,474	101 286,555	6,495	6,033
13	35	98 703	76 300,412	2 340 092,657	30,669	30,208	63	85	49 255	14 146,140	85 691,081	6,058	5,596
14	36	98 647	74 762,448	2 263 792,245	30,280	29,818	64	86	45 034	12 680,299	71 544,941	5,642	5,181
15	37	98 588	73 252,515	2 189 029,796	29,883	29,422	65	87	40 611	11 210,795	58 864,642	5,251	4,789
16	38	98 523	71 768,773	2 115 777,281	29,480	29,019	66	88	36 025	9 749,814	47 653,847	4,888	4,426
17	39	98 446	70 306,474	2 044 008,508	29,073	28,611	67	89	31 407	8 333,223	37 904,032	4,549	4,087
18	40	98 356	68 864,701	1 973 702,034	28,661	28,199	68	90	26 867	6 988,816	29 570,809	4,231	3,770
19	41	98 256	67 445,623	1 904 837,333	28,243	27,781	69	91	22 464	5 729,004	22 581,993	3,942	3,480
20	42	98 144	66 048,033	1 837 391,710	27,819	27,357	70	92	18 342	4 585,940	16 852,989	3,675	3,213
21	43	98 024	64 674,029	1 771 343,678	27,389	26,927	71	93	14 559	3 568,824	12 267,048	3,437	2,976
22	44	97 897	63 323,497	1 706 669,649	26,952	26,490	72	94	11 223	2 697,005	8 698,224	3,225	2,764
23	45	97 763	61 997,137	1 643 346,152	26,507	26,045	73	95	8 420	1 983,861	6 001,219	3,025	2,563
24	46	97 617	60 690,614	1 581 349,015	26,056	25,594	74	96	6 098	1 408,632	4 017,358	2,852	2,390
25	47	97 457	59 402,919	1 520 658,401	25,599	25,137	75	97	4 258	964,241	2 608,726	2,705	2,244
26	48	97 287	58 136,794	1 461 255,481	25,135	24,673	76	98	2 900	643,879	1 644,484	2,554	2,092
27	49	97 097	56 885,308	1 403 118,687	24,666	24,204	77	99	1 901	413,771	1 000,605	2,418	1,957
28	50	96 890	55 650,950	1 346 233,379	24,191	23,729	78	100	1 198	255,688	586,834	2,295	1,834
29	51	96 666	54 433,963	1 290 582,429	23,709	23,248							
30	52	96 418	53 229,542	1 236 148,466	23,223	22,761							
31	53	96 155	52 043,287	1 182 918,924	22,730	22,268							
32	54	95 861	50 867,170	1 130 875,637	22,232	21,770							
33	55	95 539	49 702,038	1 080 008,467	21,730	21,268							
34	56	95 175	48 541,773	1 030 306,429	21,225	20,764							
35	57	94 786	47 395,713	981 764,656	20,714	20,253							
36	58	94 359	46 256,895	934 368,942	20,200	19,738							
37	59	93 882	45 120,743	888 112,048	19,683	19,221							
38	60	93 354	43 987,089	842 991,304	19,165	18,703							
39	61	92 781	42 859,914	799 004,215	18,642	18,181							
40	62	92 156	41 736,549	756 144,301	18,117	17,655							
41	63	91 478	40 617,359	714 407,752	17,589	17,127							
42	64	90 728	39 494,363	673 790,393	17,060	16,599							
43	65	89 929	38 378,728	634 296,031	16,527	16,066							
44	66	89 066	37 265,158	595 917,303	15,991	15,530							
45	67	88 133	36 151,718	558 652,146	15,453	14,991							
46	68	87 144	35 045,203	522 500,427	14,909	14,448							
47	69	86 077	33 937,305	487 455,225	14,363	13,902							
48	70	84 884	32 811,020	453 517,919	13,822	13,361							
49	71	83 599	31 680,545	420 706,899	13,280	12,818							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	3 459 367,409	34,778	34,317	50	73	80 973	30 083,820	368 812,940	12,260	11,798
1	24	99 116	97 172,571	3 359 898,374	34,577	34,115	51	74	79 362	28 907,141	338 729,120	11,718	11,256
2	25	99 076	95 228,557	3 262 725,803	34,262	33,800	52	75	77 640	27 725,208	309 821,979	11,175	10,713
3	26	99 043	93 330,763	3 167 497,246	33,938	33,477	53	76	75 774	26 528,253	282 096,771	10,634	10,172
4	27	99 014	91 473,594	3 074 166,484	33,607	33,146	54	77	73 761	25 317,244	255 568,518	10,095	9,633
5	28	98 982	89 650,954	2 982 692,890	33,270	32,808	55	78	71 635	24 105,320	230 251,274	9,552	9,090
6	29	98 949	87 864,188	2 893 041,936	32,926	32,465	56	79	69 289	22 858,944	206 145,955	9,018	8,557
7	30	98 916	86 112,350	2 805 177,747	32,576	32,114	57	80	66 729	21 582,719	183 287,010	8,492	8,031
8	31	98 878	84 391,796	2 719 065,398	32,220	31,758	58	81	63 921	20 269,098	161 704,291	7,978	7,516
9	32	98 839	82 704,115	2 634 673,601	31,857	31,395	59	82	60 864	18 921,262	141 435,193	7,475	7,013
10	33	98 798	81 048,723	2 551 969,487	31,487	31,025	60	83	57 499	17 524,733	122 513,931	6,991	6,529
11	34	98 756	79 425,788	2 470 920,764	31,110	30,648	61	84	53 806	16 077,693	104 989,198	6,530	6,069
12	35	98 711	77 833,311	2 391 494,976	30,726	30,266	62	85	49 841	14 600,670	88 911,505	6,090	5,628
13	36	98 657	76 264,784	2 313 661,665	30,337	29,876	63	86	45 625	13 103,658	74 310,835	5,671	5,209
14	37	98 600	74 726,797	2 237 396,880	29,941	29,479	64	87	41 194	11 598,942	61 207,177	5,277	4,815
15	38	98 538	73 215,528	2 162 670,083	29,538	29,077	65	88	36 587	10 099,864	49 608,235	4,912	4,450
16	39	98 469	71 729,006	2 089 454,555	29,130	28,668	66	89	31 943	8 645,121	39 508,371	4,570	4,108
17	40	98 382	70 260,729	2 017 725,550	28,718	28,256	67	90	27 361	7 259,852	30 863,250	4,251	3,790
18	41	98 293	68 821,101	1 947 464,821	28,297	27,836	68	91	22 914	5 960,642	23 603,398	3,960	3,498
19	42	98 184	67 396,189	1 878 643,720	27,875	27,413	69	92	18 737	4 778,401	17 642,756	3,692	3,231
20	43	98 065	65 994,742	1 811 247,531	27,445	26,984	70	93	14 894	3 724,032	12 864,355	3,454	2,993
21	44	97 936	64 616,101	1 745 252,789	27,010	26,548	71	94	11 510	2 821,303	9 140,323	3,240	2,778
22	45	97 804	63 263,602	1 680 636,688	26,566	26,104	72	95	8 648	2 078,160	6 319,020	3,041	2,579
23	46	97 658	61 930,449	1 617 373,086	26,116	25,654	73	96	6 279	1 479,457	4 240,860	2,866	2,405
24	47	97 501	60 618,745	1 555 442,637	25,659	25,198	74	97	4 395	1 015,183	2 761,403	2,720	2,258
25	48	97 330	59 325,733	1 494 823,892	25,197	24,735	75	98	3 003	680,040	1 746,220	2,568	2,106
26	49	97 140	58 048,594	1 435 498,159	24,729	24,268	76	99	1 975	438,466	1 066,179	2,432	1,970
27	50	96 933	56 789,510	1 377 449,565	24,255	23,794	77	100	1 248	271,742	627,713	2,310	1,848
28	51	96 711	55 548,335	1 320 660,055	23,775	23,313							
29	52	96 466	54 320,931	1 265 111,720	23,290	22,828							
30	53	96 205	53 112,201	1 210 790,789	22,797	22,335							
31	54	95 916	51 914,294	1 157 678,588	22,300	21,838							
32	55	95 597	50 727,068	1 105 764,294	21,798	21,337							
33	56	95 241	49 547,347	1 055 037,226	21,294	20,832							
34	57	94 853	48 377,625	1 005 489,880	20,784	20,323							
35	58	94 430	47 217,681	957 112,255	20,270	19,809							
36	59	93 965	46 063,838	909 894,573	19,753	19,291							
37	60	93 447	44 911,633	863 830,736	19,234	18,772							
38	61	92 875	43 761,576	818 919,103	18,713	18,252							
39	62	92 262	42 620,491	775 157,526	18,187	17,726							
40	63	91 592	41 481,041	732 537,036	17,660	17,198							
41	64	90 860	40 342,778	691 055,994	17,130	16,668							
42	65	90 056	39 201,757	650 713,217	16,599	16,137							
43	66	89 208	38 071,172	611 511,460	16,062	15,601							
44	67	88 286	36 938,798	573 440,288	15,524	15,062							
45	68	87 308	35 813,413	536 501,489	14,980	14,519							
46	69	86 255	34 687,603	500 688,076	14,434	13,973							
47	70	85 083	33 545,455	466 000,474	13,892	13,430							
48	71	83 819	32 399,184	432 455,019	13,348	12,886							
49	72	82 444	31 242,894	400 055,835	12,805	12,343							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	3 431 840,717	34,507	34,046	50	74	79 618	29 580,336	348 370,898	11,777	11,316
1	25	99 100	97 156,608	3 332 387,950	34,299	33,838	51	75	77 918	28 381,259	318 790,562	11,232	10,771
2	26	99 057	95 210,043	3 235 231,342	33,980	33,518	52	76	76 078	27 167,378	290 409,303	10,690	10,228
3	27	99 026	93 314,127	3 140 021,299	33,650	33,188	53	77	74 095	25 940,683	263 241,925	10,148	9,686
4	28	98 993	91 454,408	3 046 707,172	33,314	32,852	54	78	71 995	24 711,188	237 301,242	9,603	9,141
5	29	98 958	89 629,618	2 955 252,764	32,972	32,510	55	79	69 686	23 449,475	212 590,054	9,066	8,604
6	30	98 925	87 842,507	2 865 623,146	32,622	32,161	56	80	67 155	22 154,697	189 140,579	8,537	8,076
7	31	98 888	86 087,999	2 777 780,640	32,267	31,805	57	81	64 376	20 821,680	166 985,882	8,020	7,558
8	32	98 847	84 364,622	2 691 692,641	31,905	31,444	58	82	61 338	19 449,916	146 164,202	7,515	7,053
9	33	98 806	82 676,334	2 607 328,019	31,537	31,075	59	83	58 003	18 031,919	126 714,286	7,027	6,566
10	34	98 763	81 020,337	2 524 651,686	31,161	30,699	60	84	54 325	16 557,441	108 682,366	6,564	6,102
11	35	98 718	79 395,464	2 443 631,348	30,778	30,316	61	85	50 374	15 052,129	92 124,926	6,120	5,659
12	36	98 665	77 796,967	2 364 235,884	30,390	29,928	62	86	46 168	13 524,692	77 072,797	5,699	5,237
13	37	98 610	76 228,417	2 286 438,917	29,995	29,533	63	87	41 734	11 986,198	63 548,105	5,302	4,840
14	38	98 551	74 689,065	2 210 210,500	29,592	29,131	64	88	37 111	10 449,547	51 561,907	4,934	4,473
15	39	98 484	73 174,959	2 135 521,434	29,184	28,722	65	89	32 442	8 955,509	41 112,360	4,591	4,129
16	40	98 404	71 682,335	2 062 346,476	28,771	28,309	66	90	27 829	7 531,576	32 156,851	4,270	3,808
17	41	98 320	70 216,245	1 990 664,140	28,350	27,889	67	91	23 336	6 191,804	24 625,276	3,977	3,515
18	42	98 221	68 770,659	1 920 447,895	27,925	27,464	68	92	19 112	4 971,604	18 433,472	3,708	3,246
19	43	98 104	67 341,810	1 851 677,236	27,497	27,035	69	93	15 215	3 880,321	13 461,868	3,469	3,008
20	44	97 977	65 935,630	1 784 335,426	27,062	26,600	70	94	11 775	2 944,001	9 581,547	3,255	2,793
21	45	97 844	64 554,984	1 718 399,796	26,619	26,158	71	95	8 869	2 173,936	6 637,546	3,053	2,592
22	46	97 699	63 195,552	1 653 844,812	26,170	25,709	72	96	6 449	1 549,780	4 463,610	2,880	2,419
23	47	97 542	61 857,112	1 590 649,260	25,715	25,253	73	97	4 525	1 066,226	2 913,830	2,733	2,271
24	48	97 375	60 539,979	1 528 792,148	25,253	24,791	74	98	3 100	715,968	1 847,604	2,581	2,119
25	49	97 182	59 235,729	1 468 252,169	24,787	24,325	75	99	2 045	463,091	1 131,636	2,444	1,982
26	50	96 976	57 950,836	1 409 016,440	24,314	23,852	76	100	1 297	287,960	668,545	2,322	1,860
27	51	96 755	56 684,795	1 351 065,603	23,835	23,373							
28	52	96 510	55 432,989	1 294 380,808	23,350	22,889							
29	53	96 253	54 201,185	1 238 947,819	22,858	22,397							
30	54	95 967	52 980,559	1 184 746,635	22,362	21,900							
31	55	95 652	51 771,307	1 131 766,076	21,861	21,399							
32	56	95 300	50 569,186	1 079 994,769	21,357	20,895							
33	57	94 919	49 379,798	1 029 425,583	20,847	20,385							
34	58	94 497	48 195,905	980 045,785	20,335	19,873							
35	59	94 036	47 020,615	931 849,880	19,818	19,356							
36	60	93 530	45 850,357	884 829,265	19,298	18,837							
37	61	92 968	44 681,380	838 978,909	18,777	18,315							
38	62	92 356	43 517,116	794 297,529	18,253	17,791							
39	63	91 698	42 359,572	750 780,413	17,724	17,262							
40	64	90 973	41 200,622	708 420,841	17,194	16,733							
41	65	90 187	40 043,886	667 220,220	16,662	16,201							
42	66	89 334	38 887,606	627 176,333	16,128	15,666							
43	67	88 427	37 737,754	588 288,727	15,589	15,127							
44	68	87 460	36 593,127	550 550,973	15,045	14,584							
45	69	86 417	35 447,974	513 957,846	14,499	14,037							
46	70	85 259	34 287,089	478 509,872	13,956	13,494							
47	71	84 015	33 124,401	444 222,783	13,411	12,949							
48	72	82 661	31 951,606	411 098,382	12,866	12,405							
49	73	81 212	30 775,879	379 146,776	12,320	11,858							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	3 403 495,437	34,228	33,766	50	75	78 170	29 042,207	327 759,314	11,286	10,824
1	26	99 080	97 137,719	3 304 059,007	34,014	33,553	51	76	76 351	27 810,228	298 717,107	10,741	10,280
2	27	99 039	95 193,073	3 206 921,288	33,689	33,227	52	77	74 393	26 565,652	270 906,879	10,198	9,736
3	28	99 005	93 294,555	3 111 728,215	33,354	32,892	53	78	72 322	25 319,704	244 341,226	9,650	9,189
4	29	98 970	91 432,643	3 018 433,660	33,013	32,551	54	79	70 036	24 038,859	219 021,523	9,111	8,650
5	30	98 934	89 607,500	2 927 001,017	32,665	32,203	55	80	67 539	22 727,034	194 982,664	8,579	8,118
6	31	98 897	87 817,666	2 837 393,517	32,310	31,848	56	81	64 787	21 373,489	172 255,630	8,059	7,598
7	32	98 856	86 060,278	2 749 575,851	31,949	31,488	57	82	61 774	19 980,166	150 882,141	7,552	7,090
8	33	98 813	84 336,283	2 663 515,573	31,582	31,120	58	83	58 455	18 535,726	130 901,975	7,062	6,601
9	34	98 771	82 647,378	2 579 179,290	31,207	30,745	59	84	54 802	17 036,632	112 366,249	6,596	6,134
10	35	98 726	80 989,404	2 496 531,912	30,825	30,364	60	85	50 860	15 501,275	95 329,617	6,150	5,688
11	36	98 672	79 358,391	2 415 542,508	30,438	29,977	61	86	46 662	13 942,881	79 828,343	5,725	5,264
12	37	98 618	77 759,869	2 336 184,116	30,044	29,582	62	87	42 231	12 371,326	65 885,462	5,326	4,864
13	38	98 560	76 189,927	2 258 424,247	29,642	29,180	63	88	37 599	10 798,428	53 514,135	4,956	4,494
14	39	98 496	74 647,680	2 182 234,320	29,234	28,772	64	89	32 907	9 265,571	42 715,707	4,610	4,149
15	40	98 420	73 127,348	2 107 586,641	28,821	28,359	65	90	28 263	7 801,983	33 450,136	4,287	3,826
16	41	98 342	71 636,283	2 034 459,293	28,400	27,938	66	91	23 735	6 423,553	25 648,152	3,993	3,531
17	42	98 248	70 164,781	1 962 822,342	27,974	27,513	67	92	19 464	5 164,409	19 224,600	3,723	3,261
18	43	98 142	68 715,171	1 892 657,561	27,544	27,082	68	93	15 520	4 037,212	14 060,190	3,483	3,021
19	44	98 016	67 281,493	1 823 942,390	27,109	26,648	69	94	12 028	3 067,553	10 022,979	3,267	2,806
20	45	97 884	65 873,265	1 756 660,897	26,667	26,206	70	95	9 073	2 268,481	6 955,425	3,066	2,605
21	46	97 739	64 485,544	1 690 787,632	26,220	25,758	71	96	6 614	1 621,205	4 686,944	2,891	2,429
22	47	97 583	63 120,716	1 626 302,088	25,765	25,303	72	97	4 648	1 116,907	3 065,739	2,745	2,283
23	48	97 416	61 776,737	1 563 181,371	25,304	24,842	73	98	3 192	751,966	1 948,833	2,592	2,130
24	49	97 227	60 448,133	1 501 404,635	24,838	24,376	74	99	2 111	487,557	1 196,866	2,455	1,993
25	50	97 019	59 135,973	1 440 956,502	24,367	23,905	75	100	1 343	304,133	709,310	2,332	1,871
26	51	96 797	57 843,981	1 381 820,529	23,889	23,427							
27	52	96 554	56 567,089	1 323 976,548	23,405	22,944							
28	53	96 297	55 310,791	1 267 409,459	22,914	22,453							
29	54	96 014	54 066,843	1 212 098,668	22,419	21,957							
30	55	95 703	52 834,636	1 158 031,825	21,918	21,456							
31	56	95 354	51 610,175	1 105 197,190	21,414	20,953							
32	57	94 977	50 398,182	1 053 587,014	20,905	20,444							
33	58	94 563	49 194,313	1 003 188,832	20,392	19,931							
34	59	94 102	47 994,756	953 994,519	19,877	19,415							
35	60	93 600	46 802,699	905 999,764	19,358	18,896							
36	61	93 050	45 615,291	859 197,064	18,836	18,374							
37	62	92 449	44 431,781	813 581,774	18,311	17,849							
38	63	91 791	43 250,708	769 149,992	17,784	17,322							
39	64	91 078	42 073,213	725 899,284	17,253	16,792							
40	65	90 299	40 895,375	683 826,071	16,721	16,260							
41	66	89 464	39 722,987	642 930,697	16,185	15,724							
42	67	88 552	38 547,038	603 207,710	15,649	15,187							
43	68	87 599	37 384,607	564 660,672	15,104	14,642							
44	69	86 567	36 219,732	527 276,066	14,558	14,096							
45	70	85 419	35 038,681	491 056,333	14,015	13,553							
46	71	84 189	33 856,726	456 017,652	13,469	13,007							
47	72	82 854	32 666,804	422 160,927	12,923	12,462							
48	73	81 425	31 473,997	389 494,123	12,375	11,913							
49	74	79 853	30 260,812	358 020,126	11,831	11,370							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	35 056,403	719 957,996	20,537	20,076
1	0	99 661	97 707,257	3 777 788,376	38,664	38,203	51	50	93 896	34 200,889	684 901,593	20,026	19,564
2	1	99 349	95 491,329	3 680 081,119	38,538	38,077	52	51	93 387	33 348,709	650 700,704	19,512	19,050
3	2	99 314	93 585,677	3 584 589,790	38,303	37,841	53	52	92 821	32 496,546	617 351,995	18,997	18,536
4	3	99 289	91 727,733	3 491 004,113	38,058	37,597	54	53	92 198	31 645,633	584 855,449	18,481	18,020
5	4	99 268	89 909,924	3 399 276,380	37,808	37,346	55	54	91 509	30 793,233	553 209,816	17,965	17,504
6	5	99 250	88 130,860	3 309 366,456	37,551	37,089	56	55	90 738	29 935,087	522 416,583	17,452	16,990
7	6	99 234	86 389,154	3 221 235,596	37,288	36,826	57	56	89 883	29 071,475	492 481,497	16,940	16,479
8	7	99 217	84 680,835	3 134 846,443	37,020	36,558	58	57	88 946	28 204,255	463 410,021	16,431	15,969
9	8	99 205	83 010,149	3 050 165,608	36,744	36,283	59	58	87 927	27 334,591	435 205,767	15,921	15,460
10	9	99 190	81 370,102	2 967 155,459	36,465	36,003	60	59	86 799	26 454,874	407 871,176	15,418	14,956
11	10	99 177	79 764,430	2 885 785,356	36,179	35,717	61	60	85 572	25 569,298	381 416,302	14,917	14,455
12	11	99 165	78 190,670	2 806 020,926	35,887	35,425	62	61	84 231	24 675,240	355 847,004	14,421	13,960
13	12	99 148	76 644,838	2 727 830,256	35,591	35,129	63	62	82 776	23 773,533	331 171,764	13,930	13,469
14	13	99 133	75 130,267	2 651 185,418	35,288	34,826	64	63	81 204	22 864,608	307 398,231	13,444	12,983
15	14	99 113	73 642,204	2 576 055,151	34,981	34,519	65	64	79 515	21 950,071	284 533,622	12,963	12,501
16	15	99 088	72 180,359	2 502 412,947	34,669	34,207	66	65	77 714	21 032,320	262 583,551	12,485	12,023
17	16	99 054	70 740,685	2 430 232,588	34,354	33,892	67	66	75 796	20 111,052	241 551,231	12,011	11,549
18	17	99 015	69 326,257	2 359 491,903	34,035	33,573	68	67	73 774	19 190,683	221 440,179	11,539	11,077
19	18	98 964	67 931,874	2 290 165,646	33,713	33,251	69	68	71 648	18 272,303	202 249,496	11,069	10,607
20	19	98 908	66 562,196	2 222 233,772	33,386	32,924	70	69	69 422	17 357,406	183 977,193	10,599	10,138
21	20	98 851	65 219,405	2 155 671,576	33,053	32,591	71	70	67 076	16 441,932	166 619,788	10,134	9,672
22	21	98 795	63 904,271	2 090 452,170	32,712	32,251	72	71	64 582	15 520,272	150 177,855	9,676	9,215
23	22	98 737	62 614,347	2 026 547,900	32,366	31,904	73	72	62 016	14 611,349	134 657,583	9,216	8,754
24	23	98 678	61 350,525	1 963 933,553	32,012	31,550	74	73	59 328	13 703,912	120 046,234	8,760	8,298
25	24	98 617	60 110,189	1 902 583,027	31,652	31,190	75	74	56 516	12 798,410	106 342,322	8,309	7,847
26	25	98 557	58 895,853	1 842 472,838	31,284	30,822	76	75	53 588	11 897,401	93 543,912	7,863	7,401
27	26	98 495	57 704,367	1 783 576,985	30,909	30,447	77	76	50 543	11 001,434	81 646,511	7,421	6,960
28	27	98 433	56 537,387	1 725 872,618	30,526	30,065	78	77	47 434	10 122,193	70 645,076	6,979	6,518
29	28	98 367	55 391,553	1 669 335,232	30,137	29,675	79	78	44 228	9 252,993	60 522,883	6,541	6,079
30	29	98 295	54 265,735	1 613 943,679	29,741	29,280	80	79	40 896	8 388,160	51 269,890	6,112	5,651
31	30	98 219	53 160,484	1 559 677,944	29,339	28,877	81	80	37 425	7 525,699	42 881,730	5,698	5,236
32	31	98 135	52 073,495	1 506 517,461	28,931	28,469	82	81	33 859	6 675,228	35 356,030	5,297	4,835
33	32	98 043	51 004,829	1 454 443,966	28,516	28,054	83	82	30 236	5 844,024	28 680,802	4,908	4,446
34	33	97 941	49 952,891	1 403 439,137	28,095	27,634	84	83	26 539	5 028,793	22 836,779	4,541	4,080
35	34	97 838	48 921,866	1 353 486,247	27,666	27,205	85	84	22 828	4 240,796	17 807,986	4,199	3,738
36	35	97 727	47 908,105	1 304 564,380	27,231	26,769	86	85	19 194	3 495,758	13 567,190	3,881	3,419
37	36	97 595	46 905,339	1 256 656,276	26,791	26,330	87	86	15 740	2 810,607	10 071,432	3,583	3,122
38	37	97 451	45 917,847	1 209 750,937	26,346	25,884	88	87	12 540	2 195,285	7 260,825	3,307	2,846
39	38	97 303	44 949,049	1 163 833,090	25,892	25,431	89	88	9 640	1 654,457	5 065,540	3,062	2,600
40	39	97 137	43 992,424	1 118 884,041	25,434	24,972	90	89	7 136	1 200,656	3 411,083	2,841	2,379
41	40	96 954	43 048,423	1 074 891,617	24,969	24,508	91	90	5 077	837,432	2 210,426	2,640	2,178
42	41	96 752	42 116,426	1 031 843,194	24,500	24,038	92	91	3 461	559,703	1 372,994	2,453	1,991
43	42	96 544	41 201,983	989 726,767	24,021	23,560	93	92	2 240	355,187	813,291	2,290	1,828
44	43	96 312	40 297,146	948 524,784	23,538	23,077	94	93	1 374	213,511	458,104	2,146	1,684
45	44	96 059	39 403,182	908 227,638	23,050	22,588	95	94	793	120,816	244,593	2,025	1,563
46	45	95 788	38 521,500	868 824,456	22,554	22,093	96	95	433	64,717	123,777	1,913	1,451
47	46	95 488	37 647,736	830 302,956	22,055	21,593	97	96	221	32,433	59,059	1,821	1,359
48	47	95 152	36 779,880	792 655,220	21,551	21,090	98	97	106	15,286	26,627	1,742	1,280
49	48	94 779	35 917,344	755 875,340	21,045	20,583	99	98	49	6,849	11,341	1,656	1,194
							100	99	21	2,832	4,492	1,586	1,125

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	35 109,668	727 135,968	20,710	20,249
1							51	49	94 054	34 258,583	692 026,300	20,200	19,738
2	0	99 637	95 768,278	3 688 291,265	38,513	38,051	52	50	93 560	33 410,314	657 767,717	19,688	19,226
3	1	99 336	93 606,496	3 592 522,987	38,379	37,917	53	51	93 014	32 564,166	624 357,402	19,173	18,712
4	2	99 302	91 739,788	3 498 916,491	38,140	37,678	54	52	92 402	31 715,547	591 793,237	18,659	18,198
5	3	99 278	89 918,889	3 407 176,703	37,892	37,430	55	53	91 737	30 869,746	560 077,690	18,143	17,682
6	4	99 259	88 138,973	3 317 257,814	37,637	37,175	56	54	90 989	30 017,764	529 207,944	17,630	17,168
7	5	99 241	86 395,024	3 229 118,841	37,376	36,915	57	55	90 163	29 162,239	499 190,180	17,118	16,656
8	6	99 224	84 687,018	3 142 723,817	37,110	36,648	58	56	89 247	28 299,954	470 027,941	16,609	16,147
9	7	99 210	83 014,103	3 058 036,799	36,838	36,376	59	57	88 259	27 437,655	441 727,987	16,099	15,638
10	8	99 197	81 375,967	2 975 022,696	36,559	36,097	60	58	87 163	26 565,748	414 290,333	15,595	15,133
11	9	99 182	79 768,670	2 893 646,729	36,275	35,814	61	59	85 970	25 688,350	387 724,585	15,093	14,632
12	10	99 170	78 195,017	2 813 878,059	35,985	35,524	62	60	84 665	24 802,397	362 036,235	14,597	14,135
13	11	99 156	76 650,733	2 735 683,042	35,690	35,229	63	61	83 241	23 907,082	337 233,837	14,106	13,644
14	12	99 139	75 135,016	2 659 032,309	35,390	34,928	64	62	81 704	23 005,446	313 326,755	13,620	13,158
15	13	99 121	73 648,025	2 583 897,293	35,084	34,623	65	63	80 056	22 099,468	290 321,309	13,137	12,675
16	14	99 097	72 187,018	2 510 249,268	34,774	34,313	66	64	78 294	21 189,307	268 221,841	12,658	12,197
17	15	99 066	70 748,876	2 438 062,250	34,461	33,999	67	65	76 408	20 273,518	247 032,534	12,185	11,723
18	16	99 028	69 335,121	2 367 313,374	34,143	33,681	68	66	74 426	19 360,235	226 759,016	11,713	11,251
19	17	98 977	67 940,683	2 297 978,253	33,823	33,362	69	67	72 325	18 444,909	207 398,781	11,244	10,783
20	18	98 924	66 573,002	2 230 037,571	33,498	33,036	70	68	70 138	17 536,346	188 953,872	10,775	10,313
21	19	98 867	65 230,127	2 163 464,569	33,167	32,705	71	69	67 859	16 633,993	171 417,526	10,305	9,844
22	20	98 811	63 914,732	2 098 234,442	32,829	32,367	72	70	65 403	15 717,555	154 783,533	9,848	9,386
23	21	98 753	62 624,981	2 034 319,709	32,484	32,023	73	71	62 885	14 816,025	139 065,978	9,386	8,925
24	22	98 695	61 360,820	1 971 694,729	32,133	31,671	74	72	60 228	13 911,866	124 249,953	8,931	8,470
25	23	98 633	60 120,022	1 910 333,908	31,775	31,314	75	73	57 478	13 016,250	110 338,087	8,477	8,015
26	24	98 574	58 905,529	1 850 213,886	31,410	30,948	76	74	54 581	12 117,851	97 321,837	8,031	7,570
27	25	98 514	57 715,588	1 791 308,357	31,037	30,575	77	75	51 581	11 227,328	85 203,986	7,589	7,127
28	26	98 451	56 547,466	1 733 592,769	30,657	30,196	78	76	48 508	10 351,466	73 976,658	7,146	6,685
29	27	98 387	55 403,173	1 677 045,304	30,270	29,808	79	77	45 313	9 479,928	63 625,192	6,712	6,250
30	28	98 318	54 278,653	1 621 642,130	29,876	29,415	80	78	42 040	8 622,764	54 145,264	6,279	5,818
31	29	98 243	53 173,605	1 567 363,477	29,476	29,015	81	79	38 615	7 764,924	45 522,500	5,863	5,401
32	30	98 162	52 088,224	1 514 189,872	29,070	28,608	82	80	35 097	6 919,210	37 757,576	5,457	4,995
33	31	98 075	51 021,258	1 462 101,648	28,657	28,195	83	81	31 510	6 090,159	30 838,367	5,064	4,602
34	32	97 974	49 969,676	1 411 080,390	28,239	27,777	84	82	27 848	5 276,815	24 748,207	4,690	4,228
35	33	97 873	48 939,006	1 361 110,714	27,812	27,351	85	83	24 161	4 488,545	19 471,392	4,338	3,876
36	34	97 764	47 926,403	1 312 171,708	27,379	26,917	86	84	20 501	3 733,938	14 982,847	4,013	3,551
37	35	97 641	46 927,251	1 264 245,306	26,941	26,479	87	85	16 993	3 034,209	11 248,909	3,707	3,246
38	36	97 498	45 939,754	1 217 318,055	26,498	26,037	88	86	13 709	2 399,949	8 214,700	3,423	2,961
39	37	97 352	44 971,757	1 171 378,301	26,047	25,585	89	87	10 700	1 836,439	5 814,750	3,166	2,705
40	38	97 191	44 016,814	1 126 406,544	25,590	25,129	90	88	8 047	1 354,079	3 978,311	2,938	2,476
41	39	97 017	43 076,451	1 082 389,730	25,127	24,666	91	89	5 827	961,247	2 624,232	2,730	2,268
42	40	96 813	42 143,108	1 039 313,280	24,662	24,200	92	90	4 058	656,248	1 662,985	2,534	2,072
43	41	96 615	41 232,204	997 170,171	24,184	23,723	93	91	2 686	425,847	1 006,737	2,364	1,902
44	42	96 390	40 329,686	955 937,967	23,703	23,241	94	92	1 691	262,927	580,890	2,209	1,748
45	43	96 145	39 438,507	915 608,281	23,216	22,754	95	93	1 003	152,827	317,963	2,081	1,619
46	44	95 879	38 557,970	876 169,774	22,723	22,262	96	94	562	83,989	165,136	1,966	1,505
47	45	95 590	37 688,275	837 611,804	22,225	21,763	97	95	297	43,490	81,146	1,866	1,404
48	46	95 265	36 823,486	799 923,529	21,723	21,262	98	96	148	21,210	37,656	1,775	1,314
49	47	94 902	35 964,074	763 100,042	21,218	20,757	99	97	69	9,711	16,446	1,694	1,232
							100	98	30	4,158	6,735	1,620	1,158

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	35 155,348	733 771,771	20,872	20,411
1							51	48	94 197	34 310,636	698 616,423	20,362	19,900
2							52	49	93 718	33 466,674	664 305,787	19,850	19,388
3	0	99 624	93 877,979	3 600 124,114	38,349	37,887	53	50	93 186	32 624,322	630 839,113	19,336	18,875
4	1	99 324	91 760,196	3 506 246,135	38,211	37,749	54	51	92 594	31 781,542	598 214,791	18,823	18,361
5	2	99 291	89 930,706	3 414 485,939	37,968	37,506	55	52	91 939	30 937,946	566 433,250	18,309	17,847
6	3	99 269	88 147,762	3 324 555,233	37,716	37,254	56	53	91 215	30 092,350	535 495,304	17,795	17,333
7	4	99 250	86 402,977	3 236 407,471	37,457	36,996	57	54	90 412	29 242,782	505 402,954	17,283	16,821
8	5	99 231	84 692,722	3 150 004,494	37,193	36,732	58	55	89 526	28 388,309	476 214,172	16,773	16,311
9	6	99 217	83 020,165	3 065 311,721	36,922	36,461	59	56	88 558	27 530,752	447 771,863	16,264	15,803
10	7	99 202	81 379,843	2 982 291,556	36,647	36,185	60	57	87 492	26 665,913	420 241,111	15,759	15,298
11	8	99 189	79 774,419	2 900 911,713	36,364	35,902	61	58	86 330	25 796,012	393 575,198	15,257	14,796
12	9	99 175	78 199,173	2 821 137,294	36,076	35,615	62	59	85 059	24 917,878	367 779,186	14,760	14,298
13	10	99 161	76 654,995	2 742 938,121	35,783	35,321	63	60	83 670	24 030,281	342 861,308	14,268	13,806
14	11	99 147	75 140,794	2 666 283,126	35,484	35,022	64	61	82 163	23 134,680	318 831,027	13,782	13,320
15	12	99 127	73 652,680	2 591 142,332	35,181	34,719	65	62	80 549	22 235,592	295 696,346	13,298	12,837
16	13	99 105	72 192,724	2 517 489,652	34,872	34,410	66	63	78 827	21 333,526	273 460,754	12,818	12,357
17	14	99 075	70 755,403	2 445 296,928	34,560	34,098	67	64	76 979	20 424,841	252 127,229	12,344	11,883
18	15	99 039	69 343,149	2 374 541,525	34,243	33,782	68	65	75 027	19 516,635	231 702,387	11,872	11,410
19	16	98 989	67 949,369	2 305 198,376	33,925	33,464	69	66	72 964	18 607,873	212 185,752	11,403	10,941
20	17	98 937	66 581,634	2 237 249,007	33,602	33,140	70	67	70 800	17 702,000	193 577,879	10,935	10,474
21	18	98 883	65 240,717	2 170 667,372	33,272	32,810	71	68	68 559	16 805,476	175 875,879	10,465	10,004
22	19	98 827	63 925,240	2 105 426,655	32,936	32,474	72	69	66 167	15 901,155	159 070,403	10,004	9,542
23	20	98 769	62 635,233	2 041 501,416	32,593	32,132	73	70	63 684	15 004,356	143 169,248	9,542	9,080
24	21	98 712	61 371,241	1 978 866,183	32,244	31,783	74	71	61 072	14 106,743	128 164,892	9,085	8,624
25	22	98 650	60 130,111	1 917 494,942	31,889	31,427	75	72	58 350	13 213,768	114 058,149	8,632	8,170
26	23	98 590	58 915,165	1 857 364,831	31,526	31,064	76	73	55 510	12 324,108	100 844,381	8,183	7,721
27	24	98 530	57 725,070	1 798 449,666	31,155	30,694	77	74	52 537	11 435,362	88 520,274	7,741	7,279
28	25	98 470	56 558,461	1 740 724,596	30,777	30,316	78	75	49 504	10 564,014	77 084,912	7,295	6,835
29	26	98 405	55 413,050	1 684 166,134	30,393	29,931	79	76	46 339	9 694,653	66 520,898	6,862	6,400
30	27	98 339	54 290,040	1 628 753,084	30,001	29,539	80	77	43 071	8 834,242	56 826,245	6,432	5,971
31	28	98 266	53 186,263	1 574 463,044	29,603	29,141	81	78	39 695	7 982,097	47 992,003	6,012	5,551
32	29	98 187	52 101,081	1 521 276,781	29,199	28,737	82	79	36 213	7 139,155	40 009,906	5,604	5,143
33	30	98 102	51 035,690	1 469 175,700	28,787	28,326	83	80	32 661	6 312,756	32 870,751	5,207	4,745
34	31	98 006	49 985,771	1 418 140,010	28,371	27,909	84	81	29 020	5 499,061	26 557,995	4,830	4,368
35	32	97 905	48 955,450	1 368 154,239	27,947	27,485	85	82	25 353	4 709,923	21 058,933	4,471	4,010
36	33	97 799	47 943,194	1 319 198,788	27,516	27,054	86	83	21 699	3 952,077	16 349,011	4,137	3,675
37	34	97 678	46 945,175	1 271 255,595	27,080	26,618	87	84	18 150	3 240,942	12 396,934	3,825	3,363
38	35	97 543	45 961,215	1 224 310,420	26,638	26,176	88	85	14 800	2 590,881	9 155,992	3,534	3,072
39	36	97 399	44 993,212	1 178 349,206	26,189	25,728	89	86	11 698	2 007,648	6 565,111	3,270	2,808
40	37	97 240	44 039,050	1 133 355,993	25,735	25,274	90	87	8 933	1 503,021	4 557,463	3,032	2,571
41	38	97 071	43 100,333	1 089 316,943	25,274	24,812	91	88	6 572	1 084,077	3 054,442	2,818	2,356
42	39	96 876	42 170,546	1 046 216,610	24,809	24,348	92	89	4 658	753,275	1 970,365	2,616	2,154
43	40	96 676	41 258,326	1 004 046,064	24,336	23,874	93	90	3 149	499,303	1 217,090	2,438	1,976
44	41	96 461	40 359,267	962 787,738	23,855	23,394	94	91	2 028	315,233	717,787	2,277	1,815
45	42	96 223	39 470,354	922 428,471	23,370	22,909	95	92	1 235	188,199	402,554	2,139	1,677
46	43	95 965	38 592,537	882 958,117	22,879	22,417	96	93	711	106,243	214,355	2,018	1,556
47	44	95 681	37 723,957	844 365,580	22,383	21,921	97	94	385	56,441	108,113	1,916	1,454
48	45	95 368	36 863,139	806 641,623	21,882	21,420	98	95	198	28,442	51,672	1,817	1,355
49	46	95 015	36 006,713	769 778,484	21,379	20,917	99	96	96	13,474	23,230	1,724	1,262
							100	97	43	5,896	9,756	1,655	1,193

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	35 197,028	739 894,340	21,022	20,560
1							51	47	94 320	34 355,276	704 697,311	20,512	20,050
2							52	48	93 860	33 517,524	670 342,035	20,000	19,538
3							53	49	93 343	32 679,356	636 824,511	19,487	19,025
4	0	99 612	92 026,325	3 513 272,570	38,177	37,715	54	50	92 765	31 840,252	604 145,156	18,974	18,513
5	1	99 313	89 950,712	3 421 246,245	38,035	37,573	55	51	92 131	31 002,322	572 304,903	18,460	17,998
6	2	99 282	88 159,346	3 331 295,533	37,787	37,326	56	52	91 416	30 158,833	541 302,581	17,948	17,487
7	3	99 260	86 411,593	3 243 136,187	37,531	37,070	57	53	90 637	29 315,443	511 143,748	17,436	16,974
8	4	99 240	84 700,569	3 156 724,594	37,269	36,808	58	54	89 773	28 466,714	481 828,305	16,926	16,464
9	5	99 224	83 025,806	3 072 024,025	37,001	36,539	59	55	88 835	27 616,706	453 361,592	16,416	15,955
10	6	99 209	81 385,785	2 988 998,219	36,726	36,265	60	56	87 789	26 756,392	425 744,886	15,912	15,450
11	7	99 194	79 778,219	2 907 612,433	36,446	35,985	61	57	86 656	25 893,274	398 988,494	15,409	14,947
12	8	99 183	78 204,809	2 827 834,214	36,159	35,698	62	58	85 416	25 022,311	373 095,219	14,911	14,449
13	9	99 167	76 659,069	2 749 629,405	35,868	35,407	63	59	84 060	24 142,167	348 072,909	14,418	13,956
14	10	99 152	75 144,972	2 672 970,336	35,571	35,109	64	60	82 586	23 253,899	323 930,742	13,930	13,469
15	11	99 134	73 658,345	2 597 825,364	35,269	34,807	65	61	81 001	22 360,502	300 676,843	13,447	12,985
16	12	99 111	72 197,287	2 524 167,020	34,962	34,500	66	62	79 312	21 464,932	278 316,341	12,966	12,504
17	13	99 082	70 760,996	2 451 969,733	34,651	34,190	67	63	77 503	20 563,857	256 851,409	12,490	12,029
18	14	99 048	69 349,546	2 381 208,737	34,336	33,875	68	64	75 587	19 662,309	236 287,552	12,017	11,556
19	15	99 001	67 957,237	2 311 859,191	34,019	33,558	69	65	73 553	18 758,195	216 625,243	11,548	11,087
20	16	98 949	66 590,147	2 243 901,954	33,697	33,236	70	66	71 426	17 858,400	197 867,068	11,080	10,618
21	17	98 896	65 249,177	2 177 311,806	33,369	32,908	71	67	69 206	16 964,226	180 008,648	10,611	10,149
22	18	98 843	63 935,618	2 112 062,630	33,034	32,573	72	68	66 849	16 065,082	163 044,422	10,149	9,687
23	19	98 786	62 645,530	2 048 127,012	32,694	32,232	73	69	64 428	15 179,625	146 979,339	9,683	9,221
24	20	98 728	61 381,288	1 985 481,482	32,347	31,885	74	70	61 848	14 286,058	131 799,715	9,226	8,764
25	21	98 667	60 140,323	1 924 100,194	31,994	31,532	75	71	59 167	13 398,867	117 513,657	8,770	8,309
26	22	98 606	58 925,051	1 863 959,872	31,633	31,171	76	72	56 352	12 511,123	104 114,790	8,322	7,860
27	23	98 546	57 734,513	1 805 034,820	31,264	30,803	77	73	53 431	11 630,002	91 603,667	7,876	7,415
28	24	98 486	56 567,754	1 747 300,307	30,889	30,427	78	74	50 422	10 759,757	79 973,666	7,433	6,971
29	25	98 424	55 423,825	1 690 732,553	30,506	30,044	79	75	47 290	9 893,715	69 213,909	6,996	6,534
30	26	98 356	54 299,718	1 635 308,728	30,116	29,655	80	76	44 046	9 034,342	59 320,194	6,566	6,104
31	27	98 287	53 197,421	1 581 009,010	29,720	29,258	81	77	40 668	8 177,862	50 285,853	6,149	5,687
32	28	98 210	52 113,484	1 527 811,589	29,317	28,855	82	78	37 226	7 338,826	42 107,991	5,738	5,276
33	29	98 127	51 048,287	1 475 698,105	28,908	28,446	83	79	33 700	6 513,425	34 769,164	5,338	4,876
34	30	98 034	49 999,911	1 424 649,818	28,493	28,031	84	80	30 081	5 700,054	28 255,740	4,957	4,495
35	31	97 937	48 971,219	1 374 649,908	28,071	27,609	85	81	26 421	4 908,293	22 555,686	4,595	4,134
36	32	97 832	47 959,303	1 325 678,688	27,642	27,180	86	82	22 769	4 146,995	17 647,393	4,255	3,794
37	33	97 712	46 961,622	1 277 719,385	27,208	26,746	87	83	19 211	3 430,280	13 500,398	3,936	3,474
38	34	97 581	45 978,769	1 230 757,763	26,768	26,306	88	84	15 808	2 767,408	10 070,119	3,639	3,177
39	35	97 444	45 014,231	1 184 778,994	26,320	25,858	89	85	12 628	2 167,370	7 302,710	3,369	2,908
40	36	97 286	44 060,061	1 139 764,763	25,868	25,407	90	86	9 765	1 643,146	5 135,341	3,125	2,664
41	37	97 120	43 122,107	1 095 704,702	25,409	24,948	91	87	7 295	1 203,320	3 492,195	2,902	2,441
42	38	96 930	42 193,926	1 052 582,595	24,946	24,485	92	88	5 253	849,530	2 288,875	2,694	2,233
43	39	96 739	41 285,188	1 010 388,669	24,473	24,012	93	89	3 615	573,125	1 439,345	2,511	2,050
44	40	96 522	40 384,835	969 103,481	23,997	23,535	94	90	2 378	369,608	866,220	2,344	1,882
45	41	96 294	39 499,304	928 718,645	23,512	23,051	95	91	1 481	225,638	496,611	2,201	1,739
46	42	96 042	38 623,701	889 219,341	23,023	22,561	96	92	876	130,832	270,973	2,071	1,610
47	43	95 767	37 757,776	850 595,640	22,528	22,066	97	93	487	71,395	140,141	1,963	1,501
48	44	95 458	36 898,039	812 837,864	22,029	21,568	98	94	257	36,911	68,746	1,862	1,401
49	45	95 117	36 045,486	775 939,825	21,527	21,065	99	95	128	18,068	31,835	1,762	1,300
							100	96	59	8,181	13,767	1,683	1,221

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	35 234,929	745 533,659	21,159	20,697
1							51	46	94 431	34 396,007	710 298,730	20,651	20,189
2							52	47	93 982	33 561,132	675 902,722	20,139	19,678
3							53	48	93 485	32 729,009	642 341,590	19,626	19,164
4							54	49	92 922	31 893,964	609 612,581	19,114	18,652
5	0	99 601	90 211,593	3 427 733,030	37,997	37,535	55	50	92 301	31 059,593	577 718,617	18,600	18,139
6	1	99 304	88 178,958	3 337 521,437	37,849	37,388	56	51	91 607	30 221,588	546 659,024	18,088	17,627
7	2	99 273	86 422,949	3 249 342,479	37,598	37,137	57	52	90 837	29 380,209	516 437,436	17,578	17,116
8	3	99 250	84 709,015	3 162 919,530	37,339	36,877	58	53	89 996	28 537,446	487 057,227	17,067	16,606
9	4	99 233	83 033,450	3 078 210,515	37,072	36,610	59	54	89 080	27 692,980	458 519,781	16,557	16,096
10	5	99 216	81 391,315	2 995 177,066	36,800	36,338	60	55	88 063	26 839,928	430 826,801	16,052	15,590
11	6	99 201	79 784,044	2 913 785,750	36,521	36,059	61	56	86 950	25 981,132	403 986,873	15,549	15,088
12	7	99 187	78 208,534	2 834 001,706	36,236	35,775	62	57	85 738	25 116,656	378 005,741	15,050	14,588
13	8	99 174	76 664,594	2 755 793,172	35,946	35,484	63	58	84 412	24 243,348	352 889,085	14,556	14,095
14	9	99 157	75 148,966	2 679 128,578	35,651	35,189	64	59	82 971	23 362,170	328 645,736	14,067	13,606
15	10	99 140	73 662,440	2 603 979,612	35,350	34,889	65	60	81 419	22 475,731	305 283,567	13,583	13,121
16	11	99 119	72 202,840	2 530 317,172	35,045	34,583	66	61	79 758	21 585,513	282 807,836	13,102	12,640
17	12	99 089	70 765,468	2 458 114,333	34,736	34,274	67	62	77 980	20 690,522	261 222,323	12,625	12,164
18	13	99 056	69 355,028	2 387 348,864	34,422	33,961	68	63	76 101	19 796,135	240 531,800	12,150	11,689
19	14	99 010	67 963,507	2 317 993,836	34,106	33,645	69	64	74 102	18 898,208	220 735,665	11,680	11,219
20	15	98 961	66 597,857	2 250 030,330	33,785	33,324	70	65	72 003	18 002,668	201 837,457	11,212	10,750
21	16	98 909	65 257,519	2 183 432,472	33,459	32,997	71	66	69 818	17 114,107	183 834,790	10,742	10,280
22	17	98 856	63 943,908	2 118 174,953	33,126	32,664	72	67	67 481	16 216,839	166 720,683	10,281	9,819
23	18	98 802	62 655,700	2 054 231,045	32,786	32,324	73	68	65 092	15 336,114	150 503,844	9,814	9,352
24	19	98 744	61 391,379	1 991 575,345	32,441	31,979	74	69	62 570	14 452,936	135 167,730	9,352	8,891
25	20	98 683	60 150,168	1 930 183,966	32,089	31,628	75	70	59 919	13 569,184	120 714,794	8,896	8,435
26	21	98 623	58 935,058	1 870 033,798	31,730	31,269	76	71	57 141	12 686,378	107 145,610	8,446	7,984
27	22	98 563	57 744,201	1 811 098,740	31,364	30,903	77	72	54 242	11 806,484	94 459,232	8,001	7,539
28	23	98 502	56 577,007	1 753 354,538	30,991	30,529	78	73	51 280	10 942,897	82 652,748	7,553	7,091
29	24	98 440	55 432,931	1 696 777,531	30,610	30,148	79	74	48 167	10 077,037	71 709,850	7,116	6,655
30	25	98 376	54 310,277	1 641 344,600	30,222	29,760	80	75	44 951	9 219,845	61 632,813	6,685	6,223
31	26	98 304	53 206,904	1 587 034,323	29,828	29,366	81	76	41 589	8 363,095	52 412,968	6,267	5,806
32	27	98 231	52 124,417	1 533 827,418	29,426	28,965	82	77	38 138	7 518,815	44 049,874	5,859	5,397
33	28	98 150	51 060,439	1 481 703,002	29,019	28,557	83	78	34 642	6 695,595	36 531,058	5,456	4,994
34	29	98 058	50 012,252	1 430 642,563	28,606	28,144	84	79	31 037	5 881,245	29 835,464	5,073	4,611
35	30	97 965	48 985,072	1 380 630,311	28,185	27,723	85	80	27 386	5 087,692	23 954,218	4,708	4,247
36	31	97 863	47 974,752	1 331 645,239	27,757	27,296	86	81	23 728	4 321,656	18 866,526	4,366	3,904
37	32	97 745	46 977,402	1 283 670,488	27,325	26,864	87	82	20 158	3 599,463	14 544,870	4,041	3,579
38	33	97 615	45 994,878	1 236 693,086	26,888	26,426	88	83	16 732	2 929,082	10 945,407	3,737	3,275
39	34	97 482	45 031,424	1 190 698,208	26,441	25,980	89	84	13 489	2 315,041	8 016,326	3,463	3,001
40	35	97 332	44 080,644	1 145 666,784	25,990	25,529	90	85	10 542	1 773,869	5 701,284	3,214	2,752
41	36	97 166	43 142,680	1 101 586,141	25,534	25,072	91	86	7 975	1 315,504	3 927,416	2,985	2,524
42	37	96 979	42 215,242	1 058 443,461	25,073	24,611	92	87	5 831	942,974	2 611,911	2,770	2,308
43	38	96 793	41 308,077	1 016 228,219	24,601	24,140	93	88	4 077	646,361	1 668,938	2,582	2,120
44	39	96 585	40 411,129	974 920,142	24,125	23,663	94	89	2 729	424,255	1 022,577	2,410	1,949
45	40	96 355	39 524,328	934 509,013	23,644	23,182	95	90	1 736	264,560	598,322	2,262	1,800
46	41	96 113	38 652,031	894 984,685	23,155	22,693	96	91	1 050	156,859	333,762	2,128	1,666
47	42	95 844	37 788,266	856 332,654	22,661	22,200	97	92	600	87,919	176,903	2,012	1,550
48	43	95 543	36 931,118	818 544,388	22,164	21,702	98	93	325	46,691	88,984	1,906	1,444
49	44	95 207	36 079,612	781 613,270	21,664	21,202	99	94	167	23,448	42,293	1,804	1,342
							100	95	79	10,970	18,844	1,718	1,256

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	35 268,288	750 719,205	21,286	20,824
1							51	45	94 533	34 433,046	715 450,918	20,778	20,316
2							52	46	94 094	33 600,922	681 017,872	20,268	19,806
3							53	47	93 607	32 771,592	647 416,950	19,755	19,294
4							54	48	93 063	31 942,424	614 645,358	19,242	18,781
5							55	49	92 456	31 111,988	582 702,934	18,729	18,268
6	0	99 592	88 434,700	3 343 503,767	37,808	37,346	56	50	91 776	30 277,417	551 590,946	18,218	17,756
7	1	99 295	86 442,175	3 255 069,067	37,656	37,194	57	51	91 026	29 441,344	521 313,530	17,707	17,245
8	2	99 263	84 720,147	3 168 626,892	37,401	36,939	58	52	90 195	28 600,494	491 872,186	17,198	16,736
9	3	99 243	83 041,729	3 083 906,745	37,137	36,675	59	53	89 301	27 761,790	463 271,692	16,687	16,226
10	4	99 225	81 398,808	3 000 865,016	36,866	36,405	60	54	88 306	26 914,057	435 509,902	16,182	15,720
11	5	99 208	79 789,465	2 919 466,208	36,590	36,128	61	55	87 221	26 062,248	408 595,845	15,678	15,216
12	6	99 195	78 214,245	2 839 676,743	36,306	35,845	62	56	86 029	25 201,879	382 533,598	15,179	14,717
13	7	99 179	76 668,246	2 761 462,498	36,018	35,557	63	57	84 730	24 334,757	357 331,719	14,684	14,222
14	8	99 165	75 154,382	2 684 794,252	35,724	35,262	64	58	83 318	23 460,082	332 996,963	14,194	13,733
15	9	99 145	73 666,355	2 609 639,870	35,425	34,964	65	59	81 798	22 580,379	309 536,880	13,708	13,247
16	10	99 125	72 206,854	2 535 973,514	35,121	34,659	66	60	80 169	21 696,748	286 956,502	13,226	12,764
17	11	99 096	70 770,911	2 463 766,661	34,813	34,352	67	61	78 418	20 806,753	265 259,754	12,749	12,287
18	12	99 062	69 359,411	2 392 995,750	34,501	34,040	68	62	76 570	19 918,072	244 453,001	12,273	11,811
19	13	99 018	67 968,879	2 323 636,338	34,187	33,725	69	63	74 607	19 026,833	224 534,929	11,801	11,339
20	14	98 970	66 604,002	2 255 667,460	33,867	33,405	70	64	72 540	18 137,041	205 508,096	11,331	10,869
21	15	98 920	65 265,075	2 189 063,458	33,541	33,080	71	65	70 382	17 252,362	187 371,055	10,861	10,399
22	16	98 869	63 952,084	2 123 798,383	33,209	32,748	72	66	68 077	16 360,117	170 118,693	10,398	9,937
23	17	98 815	62 663,824	2 059 846,299	32,871	32,410	73	67	65 707	15 480,984	153 758,576	9,932	9,470
24	18	98 760	61 401,345	1 997 182,474	32,527	32,065	74	68	63 215	14 601,934	138 277,592	9,470	9,008
25	19	98 699	60 160,056	1 935 781,129	32,177	31,716	75	69	60 619	13 727,688	123 675,658	9,009	8,548
26	20	98 639	58 944,707	1 875 621,073	31,820	31,358	76	70	57 868	12 847,639	109 947,971	8,558	8,096
27	21	98 580	57 754,008	1 816 676,366	31,455	30,994	77	71	55 002	11 971,869	97 100,332	8,111	7,649
28	22	98 518	56 586,501	1 758 922,358	31,084	30,622	78	72	52 058	11 108,953	85 128,463	7,663	7,201
29	23	98 456	55 441,999	1 702 335,857	30,705	30,243	79	73	48 986	10 248,557	74 019,510	7,222	6,761
30	24	98 392	54 319,200	1 646 893,858	30,319	29,857	80	74	45 784	9 390,681	63 770,952	6,791	6,329
31	25	98 324	53 217,251	1 592 574,658	29,926	29,464	81	75	42 443	8 534,815	54 380,271	6,372	5,910
32	26	98 248	52 133,709	1 539 357,407	29,527	29,065	82	76	39 002	7 689,120	45 845,456	5,962	5,501
33	27	98 171	51 071,151	1 487 223,698	29,121	28,659	83	77	35 492	6 859,808	38 156,336	5,562	5,101
34	28	98 081	50 024,157	1 436 152,547	28,709	28,248	84	78	31 905	6 045,735	31 296,528	5,177	4,715
35	29	97 989	48 997,162	1 386 128,390	28,290	27,828	85	79	28 257	5 249,418	25 250,793	4,810	4,349
36	30	97 891	47 988,322	1 337 131,228	27,864	27,402	86	80	24 595	4 479,614	20 001,375	4,465	4,003
37	31	97 777	46 992,534	1 289 142,906	27,433	26,971	87	81	21 007	3 751,063	15 521,761	4,138	3,676
38	32	97 648	46 010,333	1 242 150,372	26,997	26,536	88	82	17 557	3 073,545	11 770,698	3,830	3,368
39	33	97 516	45 047,201	1 196 140,039	26,553	26,091	89	83	14 277	2 450,287	8 697,152	3,549	3,088
40	34	97 369	44 097,480	1 151 092,839	26,103	25,642	90	84	11 261	1 894,730	6 246,865	3,297	2,835
41	35	97 211	43 162,834	1 106 995,359	25,647	25,185	91	85	8 609	1 420,161	4 352,136	3,065	2,603
42	36	97 025	42 235,382	1 063 832,525	25,188	24,727	92	86	6 374	1 030,886	2 931,974	2,844	2,383
43	37	96 842	41 328,946	1 021 597,142	24,719	24,257	93	87	4 525	717,457	1 901,088	2,650	2,188
44	38	96 638	40 433,533	980 268,197	24,244	23,782	94	88	3 078	478,467	1 183,631	2,474	2,012
45	39	96 417	39 550,062	939 834,664	23,763	23,302	95	89	1 993	303,675	705,164	2,322	1,860
46	40	96 173	38 676,518	900 284,602	23,277	22,816	96	90	1 231	183,917	401,489	2,183	1,721
47	41	95 914	37 815,983	861 608,084	22,784	22,323	97	91	720	105,410	217,572	2,064	1,602
48	42	95 621	36 960,940	823 792,102	22,288	21,827	98	92	400	57,497	112,163	1,951	1,489
49	43	95 293	36 111,957	786 831,162	21,789	21,327	99	93	211	29,661	54,666	1,843	1,381
							100	94	103	14,237	25,004	1,756	1,295

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	35 299,905	755 483,002	21,402	20,940
1							51	44	94 623	34 465,645	720 183,097	20,896	20,434
2							52	45	94 195	33 637,104	685 717,452	20,386	19,924
3							53	46	93 718	32 810,445	652 080,348	19,874	19,413
4							54	47	93 184	31 983,983	619 269,902	19,362	18,900
5							55	48	92 597	31 159,260	587 285,919	18,848	18,386
6							56	49	91 931	30 328,492	556 126,660	18,337	17,875
7	0	99 583	86 692,879	3 260 581,756	37,611	37,149	57	50	91 195	29 495,731	525 798,168	17,826	17,365
8	1	99 285	84 738,994	3 173 888,876	37,455	36,993	58	51	90 383	28 660,006	496 302,436	17,317	16,855
9	2	99 256	83 052,642	3 089 149,882	37,195	36,733	59	52	89 499	27 823,124	467 642,430	16,808	16,346
10	3	99 235	81 406,925	3 006 097,240	36,927	36,465	60	53	88 525	26 980,931	439 819,306	16,301	15,840
11	4	99 217	79 796,811	2 924 690,315	36,652	36,190	61	54	87 462	26 134,228	412 838,376	15,797	15,335
12	5	99 201	78 219,560	2 844 893,505	36,371	35,909	62	55	86 297	25 280,561	386 704,147	15,297	14,835
13	6	99 186	76 673,844	2 766 673,945	36,084	35,622	63	56	85 018	24 417,326	361 423,586	14,802	14,340
14	7	99 169	75 157,962	2 690 000,101	35,791	35,330	64	57	83 632	23 548,537	337 006,260	14,311	13,850
15	8	99 152	73 671,664	2 614 842,139	35,493	35,032	65	58	82 141	22 675,015	313 457,722	13,824	13,362
16	9	99 130	72 210,692	2 541 170,474	35,191	34,729	66	59	80 542	21 797,769	290 782,708	13,340	12,878
17	10	99 102	70 774,845	2 468 959,782	34,885	34,423	67	60	78 822	20 913,975	268 984,939	12,861	12,400
18	11	99 070	69 364,746	2 398 184,937	34,574	34,112	68	61	77 000	20 029,963	248 070,964	12,385	11,923
19	12	99 024	67 973,175	2 328 820,191	34,261	33,799	69	62	75 066	19 144,031	228 041,001	11,912	11,450
20	13	98 978	66 609,266	2 260 847,017	33,942	33,480	70	63	73 034	18 260,486	208 896,970	11,440	10,978
21	14	98 929	65 271,096	2 194 237,750	33,617	33,156	71	64	70 907	17 381,136	190 636,485	10,968	10,506
22	15	98 880	63 959,489	2 128 966,654	33,286	32,825	72	65	68 627	16 492,281	173 255,349	10,505	10,044
23	16	98 827	62 671,836	2 065 007,165	32,950	32,488	73	66	66 287	15 617,760	156 763,069	10,037	9,576
24	17	98 773	61 409,307	2 002 335,329	32,606	32,145	74	67	63 813	14 739,869	141 145,308	9,576	9,114
25	18	98 715	60 169,823	1 940 926,022	32,257	31,796	75	68	61 244	13 869,209	126 405,440	9,114	8,652
26	19	98 655	58 954,397	1 880 756,198	31,902	31,440	76	69	58 544	12 997,714	112 536,231	8,658	8,197
27	20	98 596	57 763,463	1 821 801,802	31,539	31,077	77	70	55 701	12 124,047	99 538,516	8,210	7,748
28	21	98 535	56 596,111	1 764 038,339	31,169	30,707	78	71	52 787	11 264,567	87 414,469	7,760	7,299
29	22	98 473	55 451,303	1 707 442,228	30,792	30,330	79	72	49 730	10 404,077	76 149,902	7,319	6,858
30	23	98 408	54 328,086	1 651 990,925	30,408	29,946	80	73	46 563	9 550,519	65 745,825	6,884	6,422
31	24	98 340	53 225,994	1 597 662,839	30,017	29,555	81	74	43 230	8 692,959	56 195,306	6,464	6,003
32	25	98 267	52 143,846	1 544 436,845	29,619	29,157	82	75	39 803	7 847,002	47 502,347	6,054	5,592
33	26	98 188	51 080,255	1 492 292,999	29,215	28,753	83	76	36 296	7 015,186	39 655,346	5,653	5,191
34	27	98 102	50 034,652	1 441 212,744	28,804	28,343	84	77	32 688	6 194,009	32 640,160	5,270	4,808
35	28	98 012	49 008,826	1 391 178,092	28,386	27,925	85	78	29 047	5 396,236	26 446,150	4,901	4,439
36	29	97 915	48 000,167	1 342 169,266	27,962	27,500	86	79	25 377	4 622,011	21 049,914	4,554	4,093
37	30	97 804	47 005,826	1 294 169,099	27,532	27,070	87	80	21 775	3 888,166	16 427,903	4,225	3,763
38	31	97 679	46 025,153	1 247 163,273	27,097	26,636	88	81	18 297	3 202,995	12 539,738	3,915	3,453
39	32	97 548	45 062,338	1 201 138,120	26,655	26,193	89	82	14 981	2 571,137	9 336,742	3,631	3,170
40	33	97 403	44 112,929	1 156 075,782	26,207	25,746	90	83	11 918	2 005,420	6 765,606	3,374	2,912
41	34	97 248	43 179,320	1 111 962,853	25,752	25,291	91	84	9 196	1 516,923	4 760,185	3,138	2,676
42	35	97 070	42 255,113	1 068 783,533	25,294	24,832	92	85	6 881	1 112,900	3 243,263	2,914	2,453
43	36	96 888	41 348,663	1 026 528,420	24,826	24,365	93	86	4 947	784,345	2 130,362	2,716	2,254
44	37	96 687	40 453,960	985 179,757	24,353	23,892	94	87	3 417	531,096	1 346,018	2,534	2,073
45	38	96 471	39 571,989	944 725,797	23,874	23,412	95	88	2 247	342,479	814,922	2,379	1,918
46	39	96 236	38 701,699	905 153,809	23,388	22,926	96	89	1 413	211,109	472,443	2,238	1,776
47	40	95 975	37 839,940	866 452,110	22,898	22,436	97	90	844	123,592	261,334	2,114	1,653
48	41	95 691	36 988,050	828 612,170	22,402	21,941	98	91	480	68,935	137,742	1,998	1,537
49	42	95 370	36 141,117	791 624,120	21,904	21,442	99	92	259	36,526	68,806	1,884	1,422
							100	93	130	18,009	32,280	1,792	1,331

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	35 328,410	759 854,889	21,508	21,047
1							51	43	94 707	34 496,543	724 526,478	21,003	20,541
2							52	44	94 284	33 668,950	690 029,935	20,495	20,033
3							53	45	93 819	32 845,776	656 360,985	19,983	19,522
4							54	46	93 295	32 021,903	623 515,208	19,472	19,010
5							55	47	92 717	31 199,800	591 493,306	18,958	18,497
6							56	48	92 070	30 374,573	560 293,506	18,446	17,985
7							57	49	91 348	29 545,488	529 918,932	17,936	17,474
8	0	99 573	84 984,759	3 178 965,866	37,406	36,945	58	50	90 550	28 712,950	500 373,444	17,427	16,965
9	1	99 278	83 071,118	3 093 981,107	37,245	36,783	59	51	89 685	27 881,019	471 660,494	16,917	16,455
10	2	99 248	81 417,623	3 010 909,989	36,981	36,519	60	52	88 721	27 040,540	443 779,476	16,412	15,950
11	3	99 227	79 804,767	2 929 492,365	36,708	36,247	61	53	87 679	26 199,165	416 738,936	15,907	15,445
12	4	99 210	78 226,761	2 849 687,598	36,429	35,967	62	54	86 536	25 350,383	390 539,771	15,406	14,944
13	5	99 193	76 679,054	2 771 460,837	36,144	35,682	63	55	85 283	24 493,559	365 189,388	14,910	14,448
14	6	99 177	75 163,450	2 694 781,783	35,852	35,391	64	56	83 916	23 628,439	340 695,828	14,419	13,957
15	7	99 157	73 675,174	2 619 618,333	35,556	35,095	65	57	82 450	22 760,510	317 067,389	13,931	13,469
16	8	99 137	72 215,896	2 545 943,160	35,255	34,793	66	58	80 880	21 889,125	294 306,880	13,445	12,984
17	9	99 107	70 778,607	2 473 727,263	34,950	34,489	67	59	79 189	21 011,351	272 417,755	12,965	12,504
18	10	99 075	69 368,602	2 402 948,656	34,640	34,179	68	60	77 397	20 133,182	251 406,404	12,487	12,026
19	11	99 032	67 978,402	2 333 580,054	34,328	33,867	69	61	75 488	19 251,574	231 273,222	12,013	11,552
20	12	98 984	66 613,476	2 265 601,652	34,011	33,550	70	62	73 484	18 372,963	212 021,648	11,540	11,078
21	13	98 937	65 276,256	2 198 988,175	33,687	33,226	71	63	71 390	17 499,435	193 648,685	11,066	10,604
22	14	98 889	63 963,389	2 133 711,919	33,357	32,896	72	64	69 139	16 615,381	176 149,250	10,602	10,140
23	15	98 839	62 679,093	2 069 746,530	33,021	32,560	73	65	66 823	15 743,928	159 533,869	10,133	9,671
24	16	98 786	61 417,159	2 007 067,437	32,679	32,218	74	66	64 376	14 870,097	143 789,942	9,670	9,208
25	17	98 728	60 177,625	1 945 650,278	32,332	31,870	75	67	61 823	14 000,222	128 919,844	9,208	8,747
26	18	98 671	58 963,968	1 885 472,653	31,977	31,515	76	68	59 147	13 131,710	114 919,622	8,751	8,290
27	19	98 612	57 772,959	1 826 508,685	31,615	31,154	77	69	56 351	12 265,670	101 787,912	8,299	7,837
28	20	98 551	56 605,376	1 768 735,726	31,247	30,785	78	70	53 458	11 407,755	89 522,242	7,847	7,386
29	21	98 490	55 460,720	1 712 130,350	30,871	30,409	79	71	50 426	10 549,817	78 114,487	7,404	6,943
30	22	98 424	54 337,202	1 656 669,630	30,489	30,027	80	72	47 270	9 695,446	67 564,670	6,969	6,507
31	23	98 356	53 234,701	1 602 332,428	30,099	29,638	81	73	43 965	8 840,921	57 869,225	6,546	6,084
32	24	98 283	52 152,413	1 549 097,727	29,703	29,242	82	74	40 541	7 992,400	49 028,304	6,134	5,673
33	25	98 207	51 090,188	1 496 945,313	29,300	28,838	83	75	37 041	7 159,230	41 035,904	5,732	5,270
34	26	98 119	50 043,572	1 445 855,125	28,892	28,430	84	76	33 428	6 334,307	33 876,674	5,348	4,887
35	27	98 033	49 019,108	1 395 811,554	28,475	28,013	85	77	29 760	5 528,582	27 542,367	4,982	4,520
36	28	97 938	48 011,593	1 346 792,446	28,051	27,590	86	78	26 087	4 751,281	22 013,785	4,633	4,172
37	29	97 828	47 017,429	1 298 780,853	27,623	27,162	87	79	22 467	4 011,761	17 262,504	4,303	3,841
38	30	97 707	46 038,172	1 251 763,425	27,190	26,728	88	80	18 965	3 320,066	13 250,743	3,991	3,529
39	31	97 580	45 076,853	1 205 725,253	26,748	26,287	89	81	15 612	2 679,426	9 930,677	3,706	3,245
40	32	97 436	44 127,752	1 160 648,400	26,302	25,840	90	82	12 506	2 104,329	7 251,251	3,446	2,984
41	33	97 283	43 194,448	1 116 520,648	25,849	25,387	91	83	9 733	1 605,542	5 146,922	3,206	2,744
42	34	97 107	42 271,252	1 073 326,201	25,391	24,930	92	84	7 350	1 188,727	3 541,380	2,979	2,518
43	35	96 933	41 367,979	1 031 054,949	24,924	24,462	93	85	5 340	846,744	2 352,653	2,778	2,317
44	36	96 733	40 473,260	989 686,970	24,453	23,991	94	86	3 735	580,610	1 505,909	2,594	2,132
45	37	96 519	39 591,980	949 213,710	23,975	23,513	95	87	2 494	380,150	925,299	2,434	1,972
46	38	96 289	38 723,156	909 621,730	23,490	23,029	96	88	1 593	238,085	545,149	2,290	1,828
47	39	96 038	37 864,577	870 898,574	23,000	22,539	97	89	968	141,865	307,064	2,164	1,703
48	40	95 751	37 011,483	833 033,998	22,507	22,046	98	90	563	80,826	165,199	2,044	1,582
49	41	95 440	36 167,626	796 022,515	22,009	21,548	99	91	311	43,793	84,373	1,927	1,465
							100	92	161	22,177	40,580	1,830	1,368

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	35 354,323	763 864,042	21,606	21,144
1							51	42	94 784	34 524,400	728 509,719	21,101	20,640
2							52	43	94 369	33 699,134	693 985,319	20,594	20,132
3							53	44	93 907	32 876,873	660 286,185	20,084	19,622
4							54	45	93 395	32 056,385	627 409,312	19,572	19,110
5							55	46	92 827	31 236,790	595 352,927	19,059	18,598
6							56	47	92 190	30 414,092	564 116,137	18,548	18,086
7							57	48	91 487	29 590,380	533 702,045	18,036	17,575
8							58	49	90 703	28 761,386	504 111,665	17,527	17,066
9	0	99 566	83 312,046	3 098 655,079	37,193	36,732	59	50	89 850	27 932,523	475 350,279	17,018	16,556
10	1	99 270	81 435,736	3 015 343,033	37,027	36,566	60	51	88 905	27 096,806	447 417,755	16,512	16,050
11	2	99 240	79 815,255	2 933 907,297	36,759	36,297	61	52	87 873	26 257,047	420 320,949	16,008	15,546
12	3	99 220	78 234,561	2 854 092,042	36,481	36,020	62	53	86 751	25 413,372	394 063,902	15,506	15,045
13	4	99 202	76 686,113	2 775 857,482	36,198	35,736	63	54	85 519	24 561,208	368 650,530	15,009	14,548
14	5	99 183	75 168,557	2 699 171,368	35,908	35,447	64	55	84 178	23 702,209	344 089,322	14,517	14,056
15	6	99 164	73 680,553	2 624 002,811	35,613	35,152	65	56	82 730	22 837,738	320 387,113	14,029	13,567
16	7	99 142	72 219,336	2 550 322,258	35,314	34,852	66	57	81 185	21 971,657	297 549,376	13,542	13,081
17	8	99 114	70 783,709	2 478 102,922	35,010	34,548	67	58	79 521	21 099,411	275 577,719	13,061	12,599
18	9	99 081	69 372,289	2 407 319,213	34,701	34,240	68	59	77 757	20 226,923	254 478,308	12,581	12,120
19	10	99 037	67 982,182	2 337 946,924	34,391	33,929	69	60	75 877	19 350,782	234 251,385	12,106	11,644
20	11	98 992	66 618,599	2 269 964,742	34,074	33,612	70	61	73 897	18 476,175	214 900,604	11,631	11,170
21	12	98 943	65 280,381	2 203 346,143	33,752	33,290	71	62	71 830	17 607,225	196 424,429	11,156	10,694
22	13	98 897	63 970,446	2 138 065,761	33,423	32,961	72	63	69 610	16 728,468	178 817,204	10,689	10,228
23	14	98 848	62 684,876	2 074 095,316	33,088	32,626	73	64	67 322	15 861,442	162 088,736	10,219	9,757
24	15	98 797	61 424,270	2 011 410,440	32,746	32,285	74	65	64 896	14 990,224	146 227,294	9,755	9,293
25	16	98 740	60 185,319	1 949 986,170	32,400	31,938	75	66	62 369	14 123,916	131 237,070	9,292	8,830
26	17	98 684	58 971,614	1 889 800,850	32,046	31,584	76	67	59 706	13 255,756	117 113,154	8,835	8,373
27	18	98 628	57 782,338	1 830 829,237	31,685	31,223	77	68	56 932	12 392,119	103 857,397	8,381	7,919
28	19	98 568	56 618,592	1 773 046,899	31,318	30,856	78	69	54 083	11 541,011	91 465,208	7,925	7,464
29	20	98 506	55 469,799	1 716 432,217	30,944	30,482	79	70	51 067	10 683,919	79 924,268	7,481	7,019
30	21	98 441	54 346,430	1 660 962,418	30,562	30,101	80	71	47 932	9 831,260	69 240,349	7,043	6,581
31	22	98 372	53 243,634	1 606 615,987	30,175	29,713	81	72	44 633	8 975,079	59 409,089	6,619	6,158
32	23	98 299	52 160,945	1 553 372,353	29,780	29,319	82	73	41 231	8 128,438	50 434,010	6,205	5,743
33	24	98 223	51 098,582	1 501 211,409	29,379	28,917	83	74	37 727	7 291,884	42 305,572	5,802	5,340
34	25	98 138	50 053,303	1 450 112,827	28,971	28,510	84	75	34 115	6 464,370	35 013,687	5,416	4,955
35	26	98 050	49 027,846	1 400 059,524	28,556	28,095	85	76	30 434	5 653,807	28 549,317	5,050	4,588
36	27	97 959	48 021,665	1 351 031,678	28,134	27,672	86	77	26 727	4 867,809	22 895,510	4,703	4,242
37	28	97 852	47 028,621	1 303 010,012	27,707	27,245	87	78	23 096	4 123,964	18 027,701	4,371	3,910
38	29	97 731	46 049,535	1 255 981,391	27,275	26,813	88	79	19 568	3 425,603	13 903,737	4,059	3,597
39	30	97 607	45 089,603	1 209 931,856	26,834	26,372	89	80	16 183	2 777,360	10 478,134	3,773	3,311
40	31	97 467	44 141,966	1 164 842,253	26,389	25,927	90	81	13 033	2 192,958	7 700,774	3,512	3,050
41	32	97 315	43 208,962	1 120 700,287	25,937	25,475	91	82	10 213	1 684,728	5 507,816	3,269	2,808
42	33	97 141	42 286,062	1 077 491,325	25,481	25,019	92	83	7 780	1 258,173	3 823,088	3,039	2,577
43	34	96 970	41 383,779	1 035 205,263	25,015	24,553	93	84	5 704	904,436	2 564,915	2,836	2,374
44	35	96 778	40 492,167	993 821,484	24,544	24,082	94	85	4 032	626,801	1 660,479	2,649	2,188
45	36	96 566	39 610,869	953 329,317	24,067	23,606	95	86	2 727	415,591	1 033,678	2,487	2,026
46	37	96 338	38 742,718	913 718,448	23,584	23,123	96	87	1 769	264,273	618,087	2,339	1,877
47	38	96 091	37 885,569	874 975,730	23,095	22,634	97	88	1 092	159,993	353,814	2,211	1,750
48	39	95 814	37 035,580	837 090,161	22,602	22,141	98	89	646	92,777	193,821	2,089	1,628
49	40	95 500	36 190,539	800 054,581	22,107	21,645	99	90	365	51,346	101,044	1,968	1,506
							100	91	193	26,589	49,698	1,869	1,408

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	40	95 220	35 376,721	767 537,198	21,696	21,234
							51	41	94 853	34 549,722	732 160,477	21,192	20,730
							52	42	94 445	33 726,347	697 610,754	20,684	20,223
							53	43	93 992	32 906,347	663 884,408	20,175	19,713
							54	44	93 483	32 086,734	630 978,061	19,665	19,203
							55	45	92 927	31 270,427	598 891,327	19,152	18,690
							56	46	92 299	30 450,151	567 620,900	18,641	18,179
							57	47	91 606	29 628,878	537 170,749	18,130	17,668
							58	48	90 840	28 805,087	507 541,871	17,620	17,158
							59	49	90 002	27 979,643	478 736,784	17,110	16,649
10	0	99 558	81 671,920	3 019 645,070	36,973	36,511	60	50	89 070	27 146,862	450 757,141	16,604	16,143
11	1	99 262	79 833,011	2 937 973,150	36,801	36,340	61	51	88 056	26 311,683	423 610,278	16,100	15,638
12	2	99 233	78 244,842	2 858 140,138	36,528	36,067	62	52	86 942	25 469,518	397 298,595	15,599	15,137
13	3	99 212	76 693,760	2 779 895,296	36,247	35,785	63	53	85 731	24 622,236	371 829,078	15,101	14,640
14	4	99 192	75 175,477	2 703 201,537	35,959	35,497	64	54	84 411	23 767,672	347 206,842	14,608	14,147
15	5	99 171	73 685,560	2 628 026,059	35,665	35,204	65	55	82 989	22 909,039	323 439,170	14,118	13,657
16	6	99 149	72 224,610	2 554 340,500	35,367	34,905	66	56	81 460	22 046,208	300 530,131	13,632	13,170
17	7	99 119	70 787,080	2 482 115,890	35,065	34,603	67	57	79 821	21 178,965	278 483,923	13,149	12,687
18	8	99 088	69 377,289	2 411 328,810	34,757	34,295	68	58	78 083	20 311,695	257 304,957	12,668	12,206
19	9	99 042	67 985,795	2 341 951,521	34,448	33,986	69	59	76 230	19 440,880	236 993,262	12,190	11,729
20	10	98 997	66 622,303	2 273 965,725	34,132	33,671	70	60	74 277	18 571,386	217 552,383	11,714	11,253
21	11	98 951	65 285,402	2 207 343,422	33,811	33,349	71	61	72 233	17 706,135	198 980,996	11,238	10,776
22	12	98 903	63 974,489	2 142 058,020	33,483	33,021	72	62	70 038	16 831,509	181 274,861	10,770	10,308
23	13	98 856	62 689,831	2 078 083,531	33,149	32,687	73	63	67 780	15 969,398	164 443,352	10,297	9,836
24	14	98 806	61 429,937	2 015 393,701	32,808	32,346	74	64	65 381	15 102,113	148 473,954	9,831	9,370
25	15	98 752	60 192,288	1 953 963,764	32,462	32,000	75	65	62 873	14 238,015	133 371,842	9,367	8,906
26	16	98 697	58 979,154	1 893 771,476	32,109	31,648	76	66	60 233	13 372,873	119 133,827	8,909	8,447
27	17	98 641	57 789,831	1 834 792,322	31,749	31,288	77	67	57 470	12 509,179	105 760,954	8,455	7,993
28	18	98 584	56 622,303	1 777 002,492	31,383	30,921	78	68	54 640	11 659,989	93 251,774	7,998	7,536
29	19	98 522	55 478,918	1 720 378,618	31,010	30,548	79	69	51 664	10 808,720	81 591,786	7,549	7,087
30	20	98 457	54 355,327	1 664 899,701	30,630	30,168	80	70	48 541	9 956,228	70 783,066	7,109	6,648
31	21	98 389	53 252,676	1 610 544,373	30,243	29,782	81	71	45 258	9 100,802	60 826,838	6,684	6,222
32	22	98 316	52 169,698	1 557 291,697	29,851	29,389	82	72	41 856	8 251,785	51 726,036	6,268	5,807
33	23	98 239	51 106,941	1 505 121,999	29,450	28,989	83	73	38 369	7 415,999	43 474,251	5,862	5,401
34	24	98 154	50 061,526	1 454 015,058	29,045	28,583	84	74	34 747	6 584,150	36 058,252	5,477	5,015
35	25	98 069	49 037,380	1 403 953,532	28,630	28,169	85	75	31 059	5 769,898	29 474,103	5,108	4,647
36	26	97 976	48 030,226	1 354 916,152	28,210	27,748	86	76	27 332	4 978,067	23 704,205	4,762	4,300
37	27	97 872	47 038,487	1 306 885,926	27,783	27,322	87	77	23 662	4 225,107	18 726,138	4,432	3,970
38	28	97 754	46 060,497	1 259 847,439	27,352	26,890	88	78	20 116	3 521,412	14 501,031	4,118	3,656
39	29	97 632	45 100,732	1 213 786,942	26,913	26,451	89	79	16 697	2 865,646	10 979,619	3,831	3,370
40	30	97 495	44 154,452	1 168 686,209	26,468	26,007	90	80	13 509	2 273,111	8 113,973	3,570	3,108
41	31	97 347	43 222,880	1 124 531,757	26,017	25,555	91	81	10 643	1 755,685	5 840,862	3,327	2,865
42	32	97 174	42 300,270	1 081 308,877	25,563	25,101	92	82	8 163	1 320,226	4 085,178	3,094	2,633
43	33	97 004	41 398,278	1 039 008,607	25,098	24,636	93	83	6 037	957,274	2 764,951	2,888	2,427
44	34	96 815	40 507,633	997 610,329	24,628	24,166	94	84	4 307	669,508	1 807,677	2,700	2,238
45	35	96 611	39 629,373	957 102,696	24,151	23,690	95	85	2 944	448,654	1 138,170	2,537	2,075
46	36	96 384	38 761,202	917 473,323	23,670	23,208	96	86	1 934	288,911	689,516	2,387	1,925
47	37	96 139	37 904,709	878 712,121	23,182	22,721	97	87	1 212	177,592	400,605	2,256	1,794
48	38	95 867	37 056,113	840 807,412	22,690	22,229	98	88	729	104,632	223,013	2,131	1,670
49	39	95 562	36 214,102	803 751,300	22,194	21,733	99	89	419	58,938	118,382	2,009	1,547
							100	90	226	31,175	59,443	1,907	1,445

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	39	95 282	35 399,754	770 903,543	21,777	21,315
							51	40	94 914	34 571,611	735 503,789	21,275	20,813
							52	41	94 514	33 751,084	700 932,178	20,768	20,306
							53	42	94 067	32 932,919	667 181,094	20,259	19,797
							54	43	93 567	32 115,500	634 248,175	19,749	19,287
							55	44	93 015	31 300,032	602 132,676	19,237	18,776
							56	45	92 399	30 482,941	570 832,644	18,726	18,265
							57	46	91 715	29 664,006	540 349,703	18,216	17,754
							58	47	90 959	28 842,564	510 685,697	17,706	17,244
							59	48	90 139	28 022,156	481 843,133	17,195	16,733
							60	49	89 220	27 192,657	453 820,978	16,689	16,227
11	0	99 550	80 064,547	2 941 932,544	36,745	36,283	61	50	88 219	26 360,289	426 628,321	16,185	15,723
12	1	99 255	78 262,249	2 861 867,996	36,568	36,106	62	51	87 123	25 522,515	400 268,032	15,683	15,221
13	2	99 225	76 703,839	2 783 605,747	36,290	35,829	63	52	85 920	24 676,634	374 745,517	15,186	14,725
14	3	99 202	75 182,973	2 706 901,909	36,004	35,543	64	53	84 620	23 826,728	350 068,883	14,692	14,231
15	4	99 180	73 692,343	2 631 718,936	35,712	35,251	65	54	83 218	22 972,311	326 242,155	14,202	13,740
16	5	99 156	72 229,517	2 558 026,592	35,415	34,954	66	55	81 714	22 115,038	303 269,844	13,713	13,252
17	6	99 126	70 792,249	2 485 797,075	35,114	34,652	67	56	80 092	21 250,827	281 154,806	13,230	12,769
18	7	99 093	69 380,594	2 415 004,826	34,808	34,346	68	57	78 378	20 388,279	259 903,979	12,748	12,286
19	8	99 050	67 990,695	2 345 624,232	34,499	34,038	69	58	76 550	19 522,358	239 515,699	12,269	11,807
20	9	99 003	66 625,844	2 277 633,537	34,185	33,724	70	59	74 623	18 657,856	219 993,342	11,791	11,329
21	10	98 956	65 289,032	2 211 007,693	33,865	33,403	71	60	72 605	17 797,379	201 335,486	11,313	10,851
22	11	98 911	63 979,409	2 145 718,661	33,538	33,076	72	61	70 432	16 926,061	183 538,107	10,844	10,382
23	12	98 862	62 693,793	2 081 739,252	33,205	32,743	73	62	68 197	16 067,763	166 612,046	10,369	9,908
24	13	98 814	61 434,793	2 019 045,459	32,865	32,403	74	63	65 826	15 204,901	150 544,283	9,901	9,439
25	14	98 761	60 197,841	1 957 610,667	32,520	32,058	75	64	63 342	14 344,289	135 339,382	9,435	8,973
26	15	98 708	58 985,983	1 897 412,825	32,167	31,706	76	65	60 720	13 480,905	120 995,093	8,975	8,514
27	16	98 653	57 797,219	1 838 426,843	31,808	31,347	77	66	57 978	12 619,700	107 514,188	8,520	8,058
28	17	98 596	56 631,216	1 780 629,624	31,443	30,981	78	67	55 156	11 770,133	94 894,489	8,062	7,601
29	18	98 538	55 487,925	1 723 998,408	31,070	30,608	79	68	52 197	10 920,149	83 124,356	7,612	7,150
30	19	98 473	54 364,263	1 668 510,483	30,691	30,230	80	69	49 108	10 072,528	72 204,207	7,168	6,707
31	20	98 405	53 261,394	1 614 146,220	30,306	29,845	81	70	45 833	9 216,485	62 131,679	6,741	6,280
32	21	98 333	52 178,557	1 560 884,826	29,914	29,453	82	71	42 443	8 367,376	52 915,194	6,324	5,862
33	22	98 256	51 115,517	1 508 706,269	29,516	29,054	83	72	38 952	7 528,535	44 547,818	5,917	5,456
34	23	98 170	50 069,716	1 457 590,752	29,111	28,650	84	73	35 338	6 696,218	37 019,283	5,528	5,067
35	24	98 085	49 045,437	1 407 521,036	28,698	28,237	85	74	31 634	5 876,809	30 323,065	5,160	4,698
36	25	97 995	48 039,566	1 358 475,599	28,278	27,817	86	75	27 893	5 080,282	24 446,256	4,812	4,350
37	26	97 890	47 046,873	1 310 436,034	27,854	27,392	87	76	24 198	4 320,807	19 365,974	4,482	4,020
38	27	97 775	46 070,160	1 263 389,161	27,423	26,962	88	77	20 609	3 607,776	15 045,167	4,170	3,709
39	28	97 655	45 111,469	1 217 319,001	26,985	26,523	89	78	17 164	2 945,794	11 437,390	3,883	3,421
40	29	97 519	44 165,351	1 172 207,532	26,541	26,080	90	79	13 939	2 345,368	8 491,596	3,621	3,159
41	30	97 374	43 235,106	1 128 042,181	26,091	25,629	91	80	11 032	1 819,855	6 146,228	3,377	2,916
42	31	97 205	42 313,896	1 084 807,075	25,637	25,176	92	81	8 507	1 375,831	4 326,373	3,145	2,683
43	32	97 037	41 412,189	1 042 493,180	25,174	24,712	93	82	6 335	1 004,487	2 950,542	2,937	2,476
44	33	96 849	40 521,825	1 001 080,991	24,705	24,243	94	83	4 559	708,621	1 946,055	2,746	2,285
45	34	96 648	39 644,509	960 559,166	24,229	23,768	95	84	3 145	479,223	1 237,434	2,582	2,121
46	35	96 429	38 779,309	920 914,657	23,748	23,286	96	85	2 087	311,895	758,211	2,431	1,969
47	36	96 185	37 922,792	882 135,348	23,261	22,800	97	86	1 325	194,148	446,316	2,299	1,837
48	37	95 915	37 074,833	844 212,556	22,771	22,309	98	87	809	116,141	252,168	2,171	1,710
49	38	95 615	36 234,180	807 137,722	22,276	21,814	99	88	472	66,469	136,027	2,046	1,585
							100	89	259	35,784	69,558	1,944	1,482

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	35 419,380	773 986,303	21,852	21,390
1							51	39	94 975	34 594,119	738 566,923	21,349	20,888
2							52	40	94 574	33 772,466	703 972,804	20,845	20,383
3							53	41	94 136	32 957,075	670 200,338	20,336	19,874
4							54	42	93 643	32 141,433	637 243,263	19,826	19,365
5							55	43	93 099	31 328,092	605 101,830	19,315	18,853
6							56	44	92 486	30 511,800	573 773,738	18,805	18,343
7							57	45	91 814	29 695,949	543 261,938	18,294	17,833
8							58	46	91 066	28 876,759	513 565,989	17,785	17,323
9							59	47	90 256	28 058,614	484 689,229	17,274	16,813
10							60	48	89 356	27 233,974	456 630,615	16,767	16,305
11							61	49	88 368	26 404,756	429 396,642	16,262	15,800
12	0	99 543	78 489,230	2 865 512,123	36,508	36,047	62	50	87 284	25 569,663	402 991,886	15,761	15,299
13	1	99 247	76 720,902	2 787 022,893	36,327	35,865	63	51	86 099	24 727,981	377 422,222	15,263	14,801
14	2	99 215	75 192,854	2 710 301,991	36,045	35,583	64	52	84 807	23 879,368	352 694,241	14,770	14,308
15	3	99 190	73 699,691	2 635 109,137	35,755	35,293	65	53	83 425	23 029,391	328 814,872	14,278	13,816
16	4	99 165	72 236,167	2 561 409,446	35,459	34,997	66	54	81 940	22 176,117	305 785,481	13,789	13,327
17	5	99 133	70 797,059	2 489 173,279	35,159	34,698	67	55	80 342	21 317,174	283 609,364	13,304	12,843
18	6	99 100	69 385,660	2 418 376,220	34,854	34,393	68	56	78 644	20 457,458	262 292,190	12,821	12,360
19	7	99 054	67 993,934	2 348 990,560	34,547	34,085	69	57	76 838	19 595,966	241 834,732	12,341	11,879
20	8	99 010	66 630,646	2 280 996,626	34,233	33,772	70	58	74 936	18 736,052	222 238,766	11,862	11,400
21	9	98 962	65 292,502	2 214 365,980	33,915	33,453	71	59	72 943	17 880,244	203 502,714	11,381	10,920
22	10	98 916	63 982,966	2 149 073,478	33,588	33,127	72	60	70 795	17 013,285	185 622,470	10,910	10,449
23	11	98 869	62 698,614	2 085 090,512	33,256	32,794	73	61	68 581	16 158,025	168 609,185	10,435	9,973
24	12	98 820	61 438,676	2 022 391,897	32,917	32,456	74	62	66 231	15 298,557	152 451,160	9,965	9,503
25	13	98 769	60 202,600	1 960 953,222	32,573	32,111	75	63	63 773	14 441,919	137 152,603	9,497	9,035
26	14	98 717	58 991,424	1 900 750,622	32,221	31,759	76	64	61 173	13 581,527	122 710,684	9,035	8,574
27	15	98 665	57 803,911	1 841 759,198	31,862	31,401	77	65	58 446	12 721,647	109 129,156	8,578	8,117
28	16	98 609	56 638,456	1 783 955,286	31,497	31,036	78	66	55 644	11 874,124	96 407,509	8,119	7,658
29	17	98 551	55 495,120	1 727 316,830	31,126	30,664	79	67	52 690	11 023,304	84 533,385	7,669	7,207
30	18	98 489	54 373,089	1 671 821,710	30,747	30,286	80	68	49 614	10 176,367	73 510,082	7,224	6,762
31	19	98 421	53 270,150	1 617 448,621	30,363	29,902	81	69	46 368	9 324,145	63 333,714	6,792	6,331
32	20	98 349	52 187,099	1 564 178,471	29,973	29,511	82	70	42 982	8 473,737	54 009,569	6,374	5,912
33	21	98 273	51 124,198	1 511 991,372	29,575	29,113	83	71	39 497	7 633,994	45 535,833	5,965	5,503
34	22	98 187	50 078,118	1 460 867,174	29,172	28,710	84	72	35 874	6 797,831	37 901,838	5,576	5,114
35	23	98 102	49 053,460	1 410 789,056	28,760	28,299	85	73	32 173	5 976,838	31 104,007	5,204	4,742
36	24	98 011	48 047,459	1 361 735,597	28,341	27,880	86	74	28 410	5 174,416	25 127,170	4,856	4,394
37	25	97 909	47 056,021	1 313 688,138	27,918	27,456	87	75	24 695	4 409,527	19 952,754	4,525	4,063
38	26	97 792	46 078,373	1 266 632,117	27,489	27,027	88	76	21 076	3 689,494	15 543,227	4,213	3,751
39	27	97 675	45 120,933	1 220 553,744	27,051	26,589	89	77	17 585	3 018,041	11 853,732	3,928	3,466
40	28	97 542	44 175,864	1 175 432,811	26,608	26,146	90	78	14 329	2 410,964	8 835,691	3,665	3,203
41	29	97 398	43 245,778	1 131 256,947	26,159	25,697	91	79	11 383	1 877,705	6 424,727	3,422	2,960
42	30	97 233	42 325,865	1 088 011,170	25,706	25,244	92	80	8 818	1 426,118	4 547,023	3,188	2,727
43	31	97 068	41 425,528	1 045 685,305	25,243	24,781	93	81	6 602	1 046,794	3 120,905	2,981	2,520
44	32	96 882	40 535,441	1 004 259,777	24,775	24,313	94	82	4 783	743,570	2 074,111	2,789	2,328
45	33	96 681	39 658,399	963 724,336	24,301	23,839	95	83	3 328	507,219	1 330,541	2,623	2,162
46	34	96 466	38 794,121	924 065,938	23,820	23,358	96	84	2 230	333,146	823,322	2,471	2,010
47	35	96 230	37 940,508	885 271,817	23,333	22,872	97	85	1 431	209,594	490,176	2,339	1,877
48	36	95 961	37 092,521	847 331,309	22,844	22,382	98	86	884	126,968	280,582	2,210	1,748
49	37	95 663	36 252,485	810 238,788	22,350	21,888	99	87	524	73,781	153,613	2,082	1,620
							100	88	292	40,357	79,833	1,978	1,517

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	37	95 383	35 437,273	776 808,497	21,921	21,459
							51	38	95 028	34 613,299	741 371,224	21,419	20,957
							52	39	94 636	33 794,455	706 757,925	20,913	20,452
							53	40	94 196	32 977,954	672 963,470	20,406	19,945
							54	41	93 712	32 165,008	639 985,517	19,897	19,435
							55	42	93 174	31 353,390	607 820,509	19,386	18,925
							56	43	92 569	30 539,154	576 467,119	18,876	18,415
							57	44	91 901	29 724,064	545 927,965	18,367	17,905
							58	45	91 165	28 907,854	516 203,901	17,857	17,395
							59	46	90 363	28 091,880	487 296,047	17,347	16,885
							60	47	89 472	27 269,407	459 204,167	16,840	16,378
							61	48	88 502	26 444,876	431 934,760	16,333	15,872
							62	49	87 431	25 612,797	405 489,884	15,832	15,370
13	0	99 535	76 943,413	2 790 377,151	36,265	35,804	63	50	86 258	24 773,661	379 877,087	15,334	14,872
14	1	99 237	75 209,581	2 713 433,738	36,078	35,617	64	51	84 984	23 929,057	355 103,426	14,840	14,378
15	2	99 203	73 709,377	2 638 224,156	35,792	35,331	65	52	83 609	23 080,270	331 174,368	14,349	13,887
16	3	99 175	72 243,369	2 564 514,780	35,498	35,037	66	53	82 144	22 231,219	308 094,098	13,859	13,397
17	4	99 142	70 803,577	2 492 271,410	35,200	34,738	67	54	80 564	21 376,050	285 862,879	13,373	12,911
18	5	99 107	69 390,375	2 421 467,833	34,896	34,435	68	55	78 889	20 521,328	264 486,830	12,888	12,427
19	6	99 062	67 998,899	2 352 077,459	34,590	34,128	69	56	77 099	19 662,456	243 965,501	12,408	11,946
20	7	99 014	66 633,820	2 284 078,560	34,278	33,816	70	57	75 218	18 806,695	224 303,045	11,927	11,465
21	8	98 969	65 297,208	2 217 444,740	33,959	33,498	71	58	73 249	17 955,181	205 496,350	11,445	10,983
22	9	98 922	63 986,367	2 152 147,532	33,634	33,173	72	59	71 124	17 092,500	187 541,169	10,972	10,511
23	10	98 875	62 702,100	2 088 161,165	33,303	32,841	73	60	68 934	16 241,291	170 448,669	10,495	10,033
24	11	98 828	61 443,401	2 025 459,065	32,965	32,503	74	61	66 603	15 384,498	154 207,378	10,024	9,562
25	12	98 775	60 206,405	1 964 015,664	32,621	32,160	75	62	64 166	14 530,876	138 822,880	9,554	9,092
26	13	98 725	58 996,088	1 903 809,260	32,270	31,808	76	63	61 590	13 673,966	124 292,004	9,090	8,628
27	14	98 674	57 809,244	1 844 813,172	31,912	31,450	77	64	58 882	12 816,603	110 618,038	8,631	8,169
28	15	98 620	56 645,014	1 787 003,928	31,547	31,086	78	65	56 093	11 970,048	97 801,436	8,171	7,709
29	16	98 563	55 502,215	1 730 358,914	31,176	30,715	79	66	53 155	11 120,696	85 831,388	7,718	7,257
30	17	98 502	54 380,139	1 674 856,698	30,799	30,337	80	67	50 083	10 272,497	74 710,692	7,273	6,811
31	18	98 437	53 278,798	1 620 476,559	30,415	29,953	81	68	46 847	9 420,269	64 438,195	6,840	6,379
32	19	98 365	52 195,679	1 567 197,761	30,025	29,564	82	69	43 484	8 572,720	55 017,926	6,418	5,956
33	20	98 289	51 132,567	1 515 002,082	29,629	29,167	83	70	39 999	7 731,033	46 445,206	6,008	5,546
34	21	98 204	50 086,622	1 463 869,515	29,227	28,765	84	71	36 377	6 893,055	38 714,174	5,616	5,155
35	22	98 118	49 061,691	1 413 782,893	28,816	28,355	85	72	32 661	6 067,535	31 821,119	5,244	4,783
36	23	98 027	48 055,318	1 364 721,202	28,399	27,937	86	73	28 894	5 262,489	25 753,584	4,894	4,432
37	24	97 925	47 063,752	1 316 665,883	27,976	27,515	87	74	25 152	4 491,232	20 491,095	4,562	4,101
38	25	97 811	46 087,334	1 269 602,131	27,548	27,086	88	75	21 508	3 765,251	15 999,863	4,249	3,788
39	26	97 693	45 128,976	1 223 514,797	27,112	26,650	89	76	17 983	3 086,401	12 234,612	3,964	3,502
40	27	97 563	44 185,132	1 178 385,821	26,669	26,208	90	77	14 680	2 470,095	9 148,211	3,704	3,242
41	28	97 421	43 256,072	1 134 200,689	26,221	25,759	91	78	11 701	1 930,221	6 678,116	3,460	2,998
42	29	97 257	42 336,312	1 090 944,617	25,769	25,307	92	79	9 098	1 471,451	4 747,895	3,227	2,765
43	30	97 095	41 437,246	1 048 608,305	25,306	24,844	93	80	6 843	1 085,054	3 276,444	3,020	2,558
44	31	96 913	40 548,497	1 007 171,059	24,839	24,377	94	81	4 985	774,887	2 191,390	2,828	2,366
45	32	96 714	39 671,725	966 622,562	24,366	23,904	95	82	3 492	532,235	1 416,502	2,661	2,200
46	33	96 500	38 807,712	926 950,837	23,886	23,424	96	83	2 360	352,609	884,267	2,508	2,046
47	34	96 267	37 954,999	888 143,125	23,400	22,938	97	84	1 528	223,875	531,659	2,375	1,913
48	35	96 006	37 109,849	850 188,126	22,910	22,448	98	85	954	137,070	307,784	2,245	1,784
49	36	95 709	36 269,780	813 078,277	22,418	21,956	99	86	573	80,659	170,714	2,116	1,655
							100	87	325	44,796	90,055	2,010	1,549

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	36	95 428	35 454,180	779 391,991	21,983	21,521
							51	37	95 076	34 630,785	743 937,811	21,482	21,020
							52	38	94 688	33 813,191	709 307,026	20,977	20,516
							53	39	94 257	32 999,425	675 493,836	20,470	20,008
							54	40	93 771	32 185,385	642 494,411	19,962	19,501
							55	41	93 242	31 376,387	610 309,025	19,451	18,990
							56	42	92 644	30 563,814	578 932,639	18,942	18,480
							57	43	91 983	29 750,711	548 368,824	18,432	17,971
							58	44	91 251	28 935,223	518 618,113	17,923	17,462
							59	45	90 460	28 122,130	489 682,890	17,413	16,951
							60	46	89 578	27 301,737	461 560,760	16,906	16,444
							61	47	88 617	26 479,282	434 259,023	16,400	15,938
							62	48	87 564	25 651,713	407 779,741	15,897	15,435
							63	49	86 404	24 815,452	382 128,028	15,399	14,937
14	0	99 525	75 427,708	2 716 521,581	36,015	35,553	64	50	85 141	23 973,262	357 312,575	14,905	14,443
15	1	99 225	73 725,774	2 641 093,872	35,823	35,362	65	51	83 783	23 128,296	333 339,314	14,413	13,951
16	2	99 188	72 252,864	2 567 368,098	35,533	35,071	66	52	82 325	22 280,334	310 211,017	13,923	13,461
17	3	99 152	70 810,637	2 495 115,234	35,236	34,775	67	53	80 764	21 429,163	287 930,683	13,436	12,975
18	4	99 116	69 396,763	2 424 304,598	34,934	34,472	68	54	79 107	20 578,006	266 501,520	12,951	12,489
19	5	99 068	68 003,519	2 354 907,835	34,629	34,168	69	55	77 340	19 723,844	245 923,514	12,468	12,007
20	6	99 022	66 638,686	2 286 904,316	34,318	33,856	70	56	75 474	18 870,508	226 199,670	11,987	11,525
21	7	98 973	65 300,318	2 220 265,630	34,001	33,539	71	57	73 525	18 022,880	207 329,162	11,504	11,042
22	8	98 929	63 990,979	2 154 965,312	33,676	33,214	72	58	71 422	17 164,136	189 306,282	11,029	10,568
23	9	98 880	62 705,433	2 090 974,333	33,346	32,884	73	59	69 255	16 316,911	172 142,146	10,550	10,088
24	10	98 833	61 446,817	2 028 268,900	33,009	32,547	74	60	66 947	15 463,778	155 825,235	10,077	9,615
25	11	98 783	60 211,035	1 966 822,084	32,665	32,204	75	61	64 526	14 612,504	140 361,457	9,606	9,144
26	12	98 731	58 999,816	1 906 611,048	32,316	31,854	76	62	61 969	13 758,193	125 748,954	9,140	8,678
27	13	98 682	57 813,814	1 847 611,232	31,958	31,496	77	63	59 283	12 903,835	111 990,761	8,679	8,217
28	14	98 629	56 650,240	1 789 797,418	31,594	31,132	78	64	56 512	12 059,394	99 086,926	8,217	7,755
29	15	98 575	55 508,642	1 733 147,178	31,223	30,761	79	65	53 585	11 210,534	87 027,533	7,763	7,301
30	16	98 515	54 387,092	1 677 638,537	30,846	30,385	80	66	50 525	10 363,256	75 816,998	7,316	6,854
31	17	98 450	53 285,707	1 623 251,444	30,463	30,002	81	67	47 289	9 509,256	65 453,743	6,883	6,422
32	18	98 381	52 204,153	1 569 965,737	30,074	29,612	82	68	43 933	8 661,097	55 944,487	6,459	5,998
33	19	98 305	51 140,973	1 517 761,585	29,678	29,216	83	69	40 466	7 821,340	47 283,390	6,045	5,584
34	20	98 220	50 094,822	1 466 620,612	29,277	28,815	84	70	36 839	6 980,675	39 462,050	5,653	5,191
35	21	98 135	49 070,023	1 416 525,790	28,867	28,406	85	71	33 118	6 152,529	32 481,375	5,279	4,818
36	22	98 044	48 063,382	1 367 455,767	28,451	27,989	86	72	29 332	5 342,346	26 328,846	4,928	4,467
37	23	97 941	47 071,451	1 319 392,385	28,030	27,568	87	73	25 581	4 567,677	20 986,500	4,595	4,133
38	24	97 827	46 094,905	1 272 320,934	27,602	27,141	88	74	21 907	3 835,018	16 418,823	4,281	3,820
39	25	97 712	45 137,752	1 226 226,028	27,166	26,705	89	75	18 352	3 149,775	12 583,805	3,995	3,534
40	26	97 580	44 193,009	1 181 088,276	26,726	26,264	90	76	15 013	2 526,043	9 434,030	3,735	3,273
41	27	97 442	43 265,147	1 136 895,268	26,277	25,816	91	77	11 988	1 977,561	6 907,987	3,493	3,032
42	28	97 280	42 346,390	1 093 630,121	25,826	25,364	92	78	9 353	1 512,605	4 930,426	3,260	2,798
43	29	97 119	41 447,474	1 051 283,731	25,364	24,903	93	79	7 061	1 119,546	3 417,821	3,053	2,591
44	30	96 940	40 559,967	1 009 836,257	24,897	24,436	94	80	5 167	803,210	2 298,275	2,861	2,400
45	31	96 745	39 684,503	969 276,290	24,425	23,963	95	81	3 639	554,652	1 495,066	2,696	2,234
46	32	96 532	38 820,752	929 591,787	23,946	23,484	96	82	2 476	369,999	940,414	2,542	2,080
47	33	96 301	37 968,297	890 771,034	23,461	22,999	97	83	1 618	236,954	570,415	2,407	1,946
48	34	96 042	37 124,023	852 802,738	22,972	22,510	98	84	1 019	146,409	333,461	2,278	1,816
49	35	95 754	36 286,724	815 678,715	22,479	22,017	99	85	618	87,076	187,052	2,148	1,687
							100	86	355	48,972	99,976	2,041	1,580

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	35 470,742	781 757,448	22,040	21,578
1							51	36	95 121	34 647,307	746 286,706	21,540	21,078
2							52	37	94 736	33 830,273	711 639,399	21,036	20,574
3							53	38	94 310	33 017,720	677 809,126	20,529	20,067
4							54	39	93 832	32 206,340	644 791,406	20,021	19,559
5							55	40	93 301	31 396,265	612 585,066	19,511	19,050
6							56	41	92 712	30 586,232	581 188,801	19,002	18,540
7							57	42	92 057	29 774,735	550 602,569	18,492	18,031
8							58	43	91 333	28 961,163	520 827,834	17,984	17,522
9							59	44	90 546	28 148,755	491 866,671	17,474	17,012
10							60	45	89 674	27 331,136	463 717,916	16,967	16,505
11							61	46	88 722	26 510,676	436 386,780	16,461	15,999
12							62	47	87 678	25 685,088	409 876,104	15,958	15,496
13							63	48	86 535	24 853,157	384 191,016	15,458	14,997
14							64	49	85 285	24 013,702	359 337,859	14,964	14,502
15	0	99 513	73 939,598	2 643 936,870	35,758	35,296	65	50	83 938	23 171,021	335 324,157	14,472	14,010
16	1	99 210	72 268,937	2 569 997,272	35,562	35,100	66	51	82 497	22 326,696	312 153,136	13,981	13,520
17	2	99 165	70 819,943	2 497 728,335	35,269	34,807	67	52	80 942	21 476,507	289 826,440	13,495	13,033
18	3	99 126	69 403,682	2 426 908,392	34,968	34,506	68	53	79 304	20 629,137	268 349,933	13,008	12,547
19	4	99 077	68 009,780	2 357 504,710	34,664	34,203	69	54	77 553	19 778,319	247 720,796	12,525	12,063
20	5	99 028	66 643,214	2 289 494,931	34,355	33,893	70	55	75 709	18 929,423	227 942,477	12,042	11,580
21	6	98 981	65 305,086	2 222 851,717	34,038	33,576	71	56	73 775	18 084,033	209 013,054	11,558	11,096
22	7	98 933	63 994,026	2 157 546,631	33,715	33,253	72	57	71 692	17 228,852	190 929,021	11,082	10,620
23	8	98 887	62 709,953	2 093 552,604	33,385	32,923	73	58	69 545	16 385,296	173 700,169	10,601	10,139
24	9	98 839	61 450,083	2 030 842,652	33,049	32,587	74	59	67 258	15 535,778	157 314,873	10,126	9,664
25	10	98 788	60 214,383	1 969 392,569	32,706	32,245	75	60	64 859	14 687,805	141 779,095	9,653	9,191
26	11	98 739	59 004,354	1 909 178,186	32,357	31,895	76	61	62 317	13 835,480	127 091,289	9,186	8,724
27	12	98 688	57 817,468	1 850 173,832	32,000	31,539	77	62	59 648	12 983,318	113 255,809	8,723	8,262
28	13	98 637	56 654,718	1 792 356,364	31,636	31,175	78	63	56 896	12 141,472	100 272,492	8,259	7,797
29	14	98 584	55 513,763	1 735 701,646	31,266	30,805	79	64	53 985	11 294,211	88 131,019	7,803	7,342
30	15	98 526	54 393,389	1 680 187,883	30,890	30,428	80	65	50 934	10 446,975	76 836,809	7,355	6,893
31	16	98 463	53 292,520	1 625 794,494	30,507	30,045	81	66	47 707	9 593,271	66 389,834	6,920	6,459
32	17	98 394	52 210,922	1 572 501,974	30,118	29,657	82	67	44 348	8 742,913	56 796,563	6,496	6,035
33	18	98 321	51 149,276	1 520 291,052	29,723	29,261	83	68	40 884	7 901,972	48 053,650	6,081	5,620
34	19	98 236	50 103,057	1 469 141,777	29,322	28,861	84	69	37 270	7 062,217	40 151,678	5,685	5,224
35	20	98 151	49 078,056	1 419 038,720	28,914	28,452	85	70	33 539	6 230,735	33 089,461	5,311	4,849
36	21	98 061	48 071,545	1 369 960,663	28,498	28,037	86	71	29 743	5 417,181	26 858,726	4,958	4,496
37	22	97 957	47 079,350	1 321 889,119	28,078	27,616	87	72	25 969	4 636,990	21 441,544	4,624	4,162
38	23	97 843	46 102,446	1 274 809,769	27,652	27,190	88	73	22 280	3 900,294	16 804,554	4,309	3,847
39	24	97 728	45 145,168	1 228 707,323	27,217	26,755	89	74	18 693	3 208,137	12 904,260	4,022	3,561
40	25	97 599	44 201,602	1 183 562,155	26,776	26,315	90	75	15 321	2 577,911	9 696,123	3,761	3,300
41	26	97 459	43 272,860	1 139 360,553	26,330	25,868	91	76	12 259	2 022,353	7 118,212	3,520	3,058
42	27	97 300	42 355,274	1 096 087,693	25,878	25,417	92	77	9 582	1 549,703	5 095,858	3,288	2,827
43	28	97 142	41 457,340	1 053 732,419	25,417	24,956	93	78	7 258	1 150,858	3 546,156	3,081	2,620
44	29	96 964	40 569,978	1 012 275,079	24,951	24,490	94	79	5 331	828,742	2 395,298	2,890	2,429
45	30	96 772	39 695,729	971 705,101	24,479	24,017	95	80	3 772	574,924	1 566,556	2,725	2,263
46	31	96 563	38 833,257	932 009,372	24,000	23,539	96	81	2 581	385,583	991,632	2,572	2,110
47	32	96 333	37 981,055	893 176,115	23,516	23,055	97	82	1 697	248,640	606,049	2,437	1,976
48	33	96 076	37 137,029	855 195,061	23,028	22,566	98	83	1 079	154,962	357,409	2,306	1,845
49	34	95 790	36 300,583	818 058,031	22,536	22,074	99	84	661	93,009	202,447	2,177	1,715
							100	85	383	52,868	109,438	2,070	1,608

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	35 484,290	783 921,116	22,092	21,630
1							51	35	95 166	34 663,492	748 436,826	21,592	21,130
2							52	36	94 781	33 846,413	713 773,334	21,089	20,627
3							53	37	94 357	33 034,400	679 926,921	20,582	20,121
4							54	38	93 884	32 224,196	646 892,521	20,075	19,613
5							55	39	93 362	31 416,706	614 668,325	19,565	19,103
6							56	40	92 771	30 605,610	583 251,619	19,057	18,595
7							57	41	92 125	29 796,574	552 646,010	18,547	18,086
8							58	42	91 406	28 984,550	522 849,435	18,039	17,577
9							59	43	90 627	28 173,990	493 864,886	17,529	17,067
10							60	44	89 759	27 357,012	465 690,896	17,023	16,561
11							61	45	88 818	26 539,223	438 333,884	16,516	16,055
12							62	46	87 782	25 715,540	411 794,661	16,013	15,552
13							63	47	86 648	24 885,493	386 079,121	15,514	15,053
14							64	48	85 414	24 050,189	361 193,629	15,018	14,557
15							65	49	84 079	23 210,108	337 143,440	14,526	14,064
16	0	99 497	72 478,536	2 572 615,235	35,495	35,033	66	50	82 649	22 367,940	313 933,331	14,035	13,573
17	1	99 187	70 835,697	2 500 136,699	35,295	34,833	67	51	81 111	21 521,196	291 565,391	13,548	13,086
18	2	99 139	69 412,803	2 429 301,002	34,998	34,536	68	52	79 479	20 674,712	270 044,195	13,062	12,600
19	3	99 087	68 016,561	2 359 888,198	34,696	34,234	69	53	77 746	19 827,463	249 369,483	12,577	12,115
20	4	99 037	66 649,349	2 291 871,638	34,387	33,925	70	54	75 918	18 981,704	229 542,020	12,093	11,631
21	5	98 987	65 309,524	2 225 222,289	34,072	33,610	71	55	74 005	18 140,493	210 560,316	11,607	11,146
22	6	98 941	63 998,699	2 159 912,765	33,749	33,288	72	56	71 935	17 287,311	192 419,823	11,131	10,669
23	7	98 892	62 712,939	2 095 914,066	33,421	32,959	73	57	69 807	16 447,076	175 132,512	10,648	10,187
24	8	98 846	61 454,512	2 033 201,126	33,085	32,623	74	58	67 540	15 600,889	158 685,436	10,172	9,710
25	9	98 793	60 217,583	1 971 746,614	32,744	32,282	75	59	65 161	14 756,192	143 084,547	9,697	9,235
26	10	98 744	59 007,634	1 911 529,031	32,395	31,933	76	60	62 638	13 906,777	128 328,354	9,228	8,766
27	11	98 695	57 821,915	1 852 521,397	32,038	31,577	77	61	59 983	13 056,252	114 421,577	8,764	8,302
28	12	98 643	56 658,299	1 794 699,482	31,676	31,214	78	62	57 247	12 216,259	101 365,324	8,298	7,836
29	13	98 592	55 518,151	1 738 041,183	31,306	30,844	79	63	54 352	11 371,081	89 149,065	7,840	7,378
30	14	98 535	54 398,408	1 682 523,033	30,930	30,468	80	64	51 314	10 524,952	77 777,984	7,390	6,928
31	15	98 474	53 298,690	1 628 124,625	30,547	30,086	81	65	48 092	9 670,770	67 253,032	6,954	6,493
32	16	98 406	52 217,597	1 574 825,934	30,159	29,697	82	66	44 739	8 820,158	57 582,262	6,528	6,067
33	17	98 333	51 155,908	1 522 608,337	29,764	29,302	83	67	41 270	7 976,616	48 762,105	6,113	5,652
34	18	98 252	50 111,191	1 471 452,429	29,364	28,902	84	68	37 654	7 135,023	40 785,488	5,716	5,255
35	19	98 167	49 086,124	1 421 341,238	28,956	28,494	85	69	33 931	6 303,518	33 650,465	5,338	4,877
36	20	98 077	48 079,414	1 372 255,113	28,541	28,080	86	70	30 121	5 486,041	27 346,948	4,985	4,523
37	21	97 974	47 087,345	1 324 175,699	28,122	27,660	87	71	26 333	4 701,945	21 860,907	4,649	4,188
38	22	97 860	46 110,182	1 277 088,354	27,696	27,235	88	72	22 618	3 959,480	17 158,962	4,334	3,872
39	23	97 744	45 152,553	1 230 978,171	27,263	26,801	89	73	19 011	3 262,743	13 199,482	4,046	3,584
40	24	97 615	44 208,864	1 185 825,619	26,823	26,362	90	74	15 605	2 625,678	9 936,739	3,784	3,323
41	25	97 478	43 281,274	1 141 616,754	26,377	25,915	91	75	12 511	2 063,879	7 311,062	3,542	3,081
42	26	97 318	42 362,825	1 098 335,480	25,927	25,465	92	76	9 799	1 584,804	5 247,183	3,311	2,849
43	27	97 163	41 466,037	1 055 972,656	25,466	25,004	93	77	7 436	1 179,083	3 662,379	3,106	2,645
44	28	96 987	40 579,636	1 014 506,618	25,000	24,539	94	78	5 480	851,921	2 483,296	2,915	2,453
45	29	96 796	39 705,526	973 926,982	24,529	24,067	95	79	3 892	593,200	1 631,375	2,750	2,289
46	30	96 591	38 844,241	934 221,456	24,050	23,589	96	80	2 675	399,676	1 038,175	2,598	2,136
47	31	96 364	37 993,289	895 377,214	23,567	23,105	97	81	1 769	259,112	638,499	2,464	2,003
48	32	96 108	37 149,508	857 383,925	23,079	22,618	98	82	1 132	162,605	379,387	2,333	1,872
49	33	95 824	36 313,301	820 234,417	22,588	22,126	99	83	699	98,442	216,782	2,202	1,741
							100	84	409	56,470	118,339	2,096	1,634

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	35 496,722	785 899,578	22,140	21,678
1							51	34	95 202	34 676,732	750 402,856	21,640	21,178
2							52	35	94 825	33 862,224	715 726,124	21,136	20,675
3							53	36	94 402	33 050,160	681 863,900	20,631	20,170
4							54	37	93 931	32 240,475	648 813,740	20,124	19,663
5							55	38	93 414	31 434,124	616 573,264	19,615	19,153
6							56	39	92 831	30 625,536	585 139,141	19,106	18,645
7							57	40	92 183	29 815,451	554 513,605	18,598	18,137
8							58	41	91 473	29 005,809	524 698,154	18,089	17,628
9							59	42	90 700	28 196,741	495 692,344	17,580	17,118
10							60	43	89 840	27 381,537	467 495,604	17,073	16,612
11							61	44	88 902	26 564,349	440 114,067	16,568	16,106
12							62	45	87 877	25 743,231	413 549,718	16,064	15,603
13							63	46	86 750	24 914,997	387 806,487	15,565	15,104
14							64	47	85 525	24 081,480	362 891,490	15,069	14,608
15							65	48	84 207	23 245,374	338 810,010	14,575	14,114
16							66	49	82 788	22 405,673	315 564,636	14,084	13,623
17	0	99 475	71 041,139	2 502 547,785	35,227	34,765	67	50	81 260	21 560,952	293 158,963	13,597	13,135
18	1	99 161	69 428,245	2 431 506,646	35,022	34,560	68	51	79 644	20 717,733	271 598,011	13,109	12,648
19	2	99 100	68 025,500	2 362 078,401	34,723	34,262	69	52	77 918	19 871,268	250 880,279	12,625	12,164
20	3	99 047	66 655,995	2 294 052,902	34,416	33,955	70	53	76 107	19 028,869	231 009,011	12,140	11,678
21	4	98 997	65 315,536	2 227 396,907	34,102	33,640	71	54	74 209	18 190,595	211 980,142	11,653	11,192
22	5	98 947	64 003,048	2 162 081,371	33,781	33,319	72	55	72 160	17 341,283	193 789,547	11,175	10,713
23	6	98 899	62 717,519	2 098 078,323	33,453	32,991	73	56	70 044	16 502,882	176 448,264	10,692	10,230
24	7	98 850	61 457,439	2 035 360,804	33,118	32,657	74	57	67 795	15 659,712	159 945,382	10,214	9,752
25	8	98 800	60 221,923	1 973 903,365	32,777	32,316	75	58	65 434	14 818,037	144 285,670	9,737	9,276
26	9	98 750	59 010,771	1 913 681,442	32,429	31,968	76	59	62 930	13 971,528	129 467,633	9,267	8,805
27	10	98 701	57 825,129	1 854 670,671	32,074	31,612	77	60	60 293	13 123,534	115 496,105	8,801	8,339
28	11	98 651	56 662,656	1 796 845,542	31,711	31,250	78	61	57 568	12 284,885	102 372,571	8,333	7,872
29	12	98 598	55 521,660	1 740 182,885	31,342	30,881	79	62	54 687	11 441,123	90 087,687	7,874	7,412
30	13	98 543	54 402,708	1 684 661,226	30,966	30,505	80	63	51 663	10 596,587	78 646,564	7,422	6,960
31	14	98 483	53 303,608	1 630 258,518	30,584	30,123	81	64	48 451	9 742,953	68 049,977	6,985	6,523
32	15	98 418	52 223,643	1 576 954,910	30,196	29,735	82	65	45 101	8 891,411	58 307,024	6,558	6,096
33	16	98 346	51 162,449	1 524 731,267	29,802	29,340	83	66	41 634	8 047,091	49 415,613	6,141	5,679
34	17	98 265	50 117,689	1 473 568,818	29,402	28,941	84	67	38 010	7 202,423	41 368,522	5,744	5,282
35	18	98 183	49 094,093	1 423 451,129	28,994	28,533	85	68	34 281	6 368,502	34 166,099	5,365	4,903
36	19	98 093	48 087,318	1 374 357,036	28,580	28,119	86	69	30 473	5 550,124	27 797,598	5,008	4,547
37	20	97 990	47 095,054	1 326 269,717	28,162	27,700	87	70	26 667	4 761,713	22 247,473	4,672	4,211
38	21	97 876	46 118,013	1 279 174,663	27,737	27,275	88	71	22 935	4 014,944	17 485,760	4,355	3,894
39	22	97 760	45 160,130	1 233 056,651	27,304	26,842	89	72	19 299	3 312,254	13 470,816	4,067	3,605
40	23	97 631	44 216,096	1 187 896,521	26,866	26,404	90	73	15 870	2 670,369	10 158,562	3,804	3,343
41	24	97 494	43 288,385	1 143 680,425	26,420	25,958	91	74	12 743	2 102,121	7 488,193	3,562	3,101
42	25	97 337	42 371,062	1 100 392,040	25,970	25,509	92	75	10 000	1 617,345	5 386,072	3,330	2,869
43	26	97 180	41 473,430	1 058 020,977	25,511	25,049	93	76	7 605	1 205,790	3 768,727	3,126	2,664
44	27	97 008	40 588,149	1 016 547,548	25,045	24,584	94	77	5 615	872,814	2 562,937	2,936	2,475
45	28	96 819	39 714,978	975 959,398	24,574	24,112	95	78	4 001	609,791	1 690,123	2,772	2,310
46	29	96 614	38 853,829	936 244,420	24,097	23,635	96	79	2 760	412,381	1 080,332	2,620	2,158
47	30	96 391	38 004,036	897 390,591	23,613	23,151	97	80	1 834	268,583	667,951	2,487	2,025
48	31	96 139	37 161,474	859 386,555	23,126	22,664	98	81	1 180	169,453	399,368	2,357	1,895
49	32	95 856	36 325,503	822 225,081	22,635	22,173	99	82	734	103,298	229,915	2,226	1,764
							100	83	433	59,770	126,617	2,118	1,657

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	35 508,650	787 708,561	22,184	21,722
1							51	33	95 236	34 688,881	752 199,911	21,684	21,223
2							52	34	94 862	33 875,158	717 511,030	21,181	20,719
3							53	35	94 446	33 065,600	683 635,873	20,675	20,214
4							54	36	93 976	32 255,857	650 570,272	20,169	19,707
5							55	37	93 461	31 450,004	618 314,416	19,660	19,199
6							56	38	92 883	30 642,515	586 864,412	19,152	18,690
7							57	39	92 243	29 834,863	556 221,897	18,643	18,182
8							58	40	91 531	29 024,185	526 387,034	18,136	17,675
9							59	41	90 767	28 217,422	497 362,849	17,626	17,164
10							60	42	89 912	27 403,648	469 145,426	17,120	16,658
11							61	43	88 981	26 588,164	441 741,778	16,614	16,153
12							62	44	87 960	25 767,603	415 153,615	16,111	15,650
13							63	45	86 844	24 941,826	389 386,011	15,612	15,150
14							64	46	85 627	24 110,031	364 444,186	15,116	14,654
15							65	47	84 316	23 275,618	340 334,155	14,622	14,160
16							66	48	82 914	22 439,716	317 058,537	14,129	13,668
17							67	49	81 398	21 597,323	294 618,821	13,641	13,180
18	0	99 448	69 629,605	2 433 727,523	34,952	34,491	68	50	79 791	20 756,005	273 021,498	13,154	12,692
19	1	99 122	68 040,633	2 364 097,918	34,745	34,284	69	51	78 080	19 912,616	252 265,493	12,669	12,207
20	2	99 060	66 664,754	2 296 057,286	34,442	33,980	70	52	76 275	19 070,909	232 352,877	12,184	11,722
21	3	99 006	65 322,049	2 229 392,531	34,129	33,668	71	53	74 394	18 235,794	213 281,968	11,696	11,234
22	4	98 957	64 008,940	2 164 070,482	33,809	33,347	72	54	72 359	17 389,178	195 046,174	11,217	10,755
23	5	98 906	62 721,780	2 100 061,542	33,482	33,021	73	55	70 263	16 554,406	177 656,996	10,732	10,270
24	6	98 858	61 461,927	2 037 339,762	33,148	32,686	74	56	68 025	15 712,846	161 102,590	10,253	9,791
25	7	98 805	60 224,792	1 975 877,835	32,808	32,347	75	57	65 681	14 873,907	145 389,744	9,775	9,313
26	8	98 757	59 015,024	1 915 653,044	32,460	31,999	76	58	63 194	14 030,084	130 515,837	9,303	8,841
27	9	98 706	57 828,203	1 856 638,020	32,106	31,644	77	59	60 573	13 184,638	116 485,753	8,835	8,373
28	10	98 657	56 665,807	1 798 809,817	31,744	31,283	78	60	57 865	12 348,191	103 301,115	8,366	7,904
29	11	98 605	55 525,930	1 742 144,010	31,375	30,914	79	61	54 994	11 505,394	90 952,924	7,905	7,444
30	12	98 549	54 406,146	1 686 618,080	31,001	30,539	80	62	51 981	10 661,858	79 447,530	7,452	6,990
31	13	98 491	53 307,821	1 632 211,934	30,619	30,157	81	63	48 781	9 809,266	68 785,672	7,012	6,551
32	14	98 427	52 228,461	1 578 904,113	30,231	29,769	82	64	45 437	8 957,777	58 976,406	6,584	6,122
33	15	98 357	51 168,373	1 526 675,652	29,836	29,375	83	65	41 971	8 112,099	50 018,629	6,166	5,704
34	16	98 277	50 124,097	1 475 507,279	29,437	28,975	84	66	38 345	7 266,057	41 906,530	5,767	5,306
35	17	98 195	49 100,459	1 425 383,182	29,030	28,568	85	67	34 605	6 428,661	34 640,473	5,388	4,927
36	18	98 109	48 095,125	1 376 282,723	28,616	28,154	86	68	30 787	5 607,342	28 211,813	5,031	4,570
37	19	98 006	47 102,796	1 328 187,598	28,198	27,736	87	69	26 979	4 817,335	22 604,471	4,692	4,231
38	20	97 892	46 125,563	1 281 084,802	27,774	27,312	88	70	23 226	4 065,979	17 787,136	4,375	3,913
39	21	97 777	45 167,799	1 234 959,239	27,342	26,880	89	71	19 570	3 358,652	13 721,156	4,085	3,624
40	22	97 647	44 223,516	1 189 791,440	26,904	26,442	90	72	16 111	2 710,891	10 362,504	3,823	3,361
41	23	97 510	43 295,467	1 145 567,924	26,459	25,998	91	73	12 960	2 137,901	7 651,613	3,579	3,117
42	24	97 353	42 378,024	1 102 272,457	26,010	25,549	92	74	10 186	1 647,313	5 513,712	3,347	2,885
43	25	97 199	41 481,494	1 059 894,434	25,551	25,089	93	75	7 761	1 230,549	3 866,399	3,142	2,680
44	26	97 025	40 595,385	1 018 412,940	25,087	24,625	94	76	5 742	892,584	2 635,851	2,953	2,491
45	27	96 840	39 723,310	977 817,555	24,616	24,154	95	77	4 099	624,746	1 743,266	2,790	2,329
46	28	96 637	38 863,078	938 094,244	24,138	23,677	96	78	2 837	423,914	1 118,520	2,639	2,177
47	29	96 415	38 013,416	899 231,166	23,656	23,194	97	79	1 892	277,121	694,606	2,507	2,045
48	30	96 167	37 171,986	861 217,750	23,168	22,707	98	80	1 223	175,647	417,485	2,377	1,915
49	31	95 887	36 337,204	824 045,764	22,678	22,216	99	81	765	107,648	241,838	2,247	1,785
							100	82	454	62,717	134,190	2,140	1,678

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	35 520,087	789 362,451	22,223	21,761
1							51	32	95 268	34 700,537	753 842,364	21,724	21,263
2							52	33	94 895	33 887,026	719 141,827	21,222	20,760
3							53	34	94 482	33 078,229	685 254,801	20,716	20,255
4							54	35	94 020	32 270,925	652 176,572	20,209	19,748
5							55	36	93 506	31 465,008	619 905,647	19,701	19,240
6							56	37	92 929	30 657,995	588 440,639	19,194	18,732
7							57	38	92 294	29 851,404	557 782,643	18,685	18,224
8							58	39	91 591	29 043,082	527 931,239	18,178	17,716
9							59	40	90 824	28 235,299	498 888,158	17,669	17,207
10							60	41	89 978	27 423,748	470 652,859	17,162	16,701
11							61	42	89 053	26 609,634	443 229,111	16,657	16,195
12							62	43	88 039	25 790,704	416 619,477	16,154	15,692
13							63	44	86 926	24 965,439	390 828,773	15,655	15,193
14							64	45	85 719	24 135,993	365 863,334	15,158	14,697
15							65	46	84 416	23 303,213	341 727,341	14,664	14,203
16							66	47	83 022	22 468,912	318 424,128	14,172	13,710
17							67	48	81 521	21 630,138	295 955,216	13,683	13,221
18							68	49	79 926	20 791,018	274 325,078	13,194	12,733
19	0	99 410	68 237,968	2 366 143,867	34,675	34,213	69	50	78 224	19 949,401	253 534,059	12,709	12,247
20	1	99 082	66 679,585	2 297 905,899	34,462	34,000	70	51	76 434	19 110,592	233 584,658	12,223	11,761
21	2	99 019	65 330,633	2 231 226,314	34,153	33,691	71	52	74 558	18 276,082	214 474,066	11,735	11,274
22	3	98 966	64 015,323	2 165 895,680	33,834	33,372	72	53	72 539	17 432,385	196 197,984	11,255	10,793
23	4	98 915	62 727,555	2 101 880,358	33,508	33,046	73	54	70 457	16 600,127	178 765,599	10,769	10,307
24	5	98 864	61 466,103	2 039 152,803	33,175	32,714	74	55	68 237	15 761,903	162 165,472	10,288	9,827
25	6	98 812	60 229,189	1 977 686,700	32,836	32,374	75	56	65 904	14 924,375	146 403,568	9,810	9,348
26	7	98 762	59 017,835	1 917 457,511	32,489	32,028	76	57	63 432	14 082,983	131 479,193	9,336	8,874
27	8	98 713	57 832,371	1 858 439,676	32,135	31,673	77	58	60 827	13 239,896	117 396,210	8,867	8,405
28	9	98 662	56 668,819	1 800 607,306	31,774	31,313	78	59	58 135	12 405,685	104 156,314	8,396	7,934
29	10	98 611	55 529,017	1 743 938,487	31,406	30,944	79	60	55 277	11 564,684	91 750,629	7,934	7,472
30	11	98 557	54 410,330	1 688 409,470	31,031	30,569	80	61	52 273	10 721,751	80 185,945	7,479	7,017
31	12	98 497	53 311,190	1 633 999,140	30,650	30,189	81	62	49 081	9 869,687	69 464,194	7,038	6,577
32	13	98 434	52 232,590	1 580 687,949	30,262	29,801	82	63	45 747	9 018,745	59 594,506	6,608	6,146
33	14	98 367	51 173,093	1 528 455,359	29,868	29,407	83	64	42 284	8 172,648	50 575,761	6,188	5,727
34	15	98 288	50 129,901	1 477 282,266	29,469	29,007	84	65	38 655	7 324,755	42 403,113	5,789	5,327
35	16	98 208	49 106,737	1 427 152,366	29,062	28,601	85	66	34 910	6 485,459	35 078,357	5,409	4,947
36	17	98 121	48 101,362	1 378 045,628	28,649	28,187	86	67	31 078	5 660,310	28 592,898	5,051	4,590
37	18	98 022	47 110,443	1 329 944,267	28,230	27,769	87	68	27 257	4 866,998	22 932,588	4,712	4,250
38	19	97 908	46 133,146	1 282 833,824	27,807	27,346	88	69	23 498	4 113,475	18 065,590	4,392	3,930
39	20	97 793	45 175,193	1 236 700,678	27,376	26,914	89	70	19 818	3 401,345	13 952,115	4,102	3,640
40	21	97 664	44 231,026	1 191 525,485	26,939	26,477	90	71	16 337	2 748,865	10 550,770	3,838	3,377
41	22	97 526	43 302,732	1 147 294,458	26,495	26,033	91	72	13 157	2 170,343	7 801,905	3,595	3,133
42	23	97 369	42 384,956	1 103 991,727	26,047	25,585	92	73	10 359	1 675,352	5 631,562	3,361	2,900
43	24	97 215	41 488,309	1 061 606,771	25,588	25,126	93	74	7 905	1 253,350	3 956,210	3,157	2,695
44	25	97 044	40 603,279	1 020 118,461	25,124	24,662	94	75	5 860	910,912	2 702,861	2,967	2,506
45	26	96 857	39 730,392	979 515,182	24,654	24,192	95	76	4 192	638,897	1 791,949	2,805	2,343
46	27	96 658	38 871,231	939 784,791	24,177	23,715	96	77	2 907	434,311	1 153,052	2,655	2,193
47	28	96 438	38 022,465	900 913,559	23,694	23,233	97	78	1 945	284,871	718,741	2,523	2,061
48	29	96 190	37 181,161	862 891,094	23,208	22,746	98	79	1 262	181,230	433,869	2,394	1,932
49	30	95 914	36 347,482	825 709,933	22,717	22,256	99	80	793	111,583	252,639	2,264	1,803
							100	81	474	65,359	141,056	2,158	1,697

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	35 530,135	790 873,512	22,259	21,798
1							51	31	95 298	34 711,714	755 343,377	21,760	21,299
2							52	32	94 927	33 898,412	720 631,663	21,259	20,797
3							53	33	94 516	33 089,818	686 733,250	20,754	20,292
4							54	34	94 056	32 283,251	653 643,432	20,247	19,786
5							55	35	93 549	31 479,707	621 360,181	19,738	19,277
6							56	36	92 974	30 672,622	589 880,474	19,231	18,770
7							57	37	92 341	29 866,485	559 207,852	18,724	18,262
8							58	38	91 642	29 059,184	529 341,368	18,216	17,754
9							59	39	90 884	28 253,682	500 282,184	17,707	17,245
10							60	40	90 035	27 441,122	472 028,502	17,202	16,740
11							61	41	89 118	26 629,152	444 587,380	16,696	16,234
12							62	42	88 110	25 811,530	417 958,229	16,193	15,731
13							63	43	87 004	24 987,821	392 146,699	15,694	15,232
14							64	44	85 800	24 158,843	367 158,878	15,198	14,736
15							65	45	84 507	23 328,307	343 000,035	14,703	14,242
16							66	46	83 120	22 495,551	319 671,728	14,210	13,749
17							67	47	81 627	21 658,281	297 176,178	13,721	13,260
18							68	48	80 047	20 822,608	275 517,897	13,232	12,770
19							69	49	78 356	19 983,054	254 695,289	12,746	12,284
20	0	99 370	66 872,973	2 299 790,976	34,390	33,929	70	50	76 575	19 145,895	234 712,235	12,259	11,798
21	1	99 041	65 345,167	2 232 918,003	34,171	33,710	71	51	74 713	18 314,111	215 566,339	11,771	11,309
22	2	98 979	64 023,735	2 167 572,836	33,856	33,394	72	52	72 699	17 470,899	197 252,228	11,290	10,829
23	3	98 925	62 733,809	2 103 549,101	33,531	33,070	73	53	70 632	16 641,374	179 781,329	10,803	10,342
24	4	98 873	61 471,761	2 040 815,291	33,199	32,738	74	54	68 426	15 805,436	163 139,955	10,322	9,860
25	5	98 819	60 233,282	1 979 343,530	32,861	32,400	75	55	66 109	14 970,971	147 334,520	9,841	9,380
26	6	98 769	59 022,144	1 919 110,248	32,515	32,053	76	56	63 647	14 130,768	132 363,549	9,367	8,905
27	7	98 718	57 835,125	1 860 088,104	32,162	31,700	77	57	61 057	13 289,816	118 232,781	8,896	8,435
28	8	98 669	56 672,903	1 802 252,979	31,801	31,339	78	58	58 378	12 457,678	104 942,965	8,424	7,962
29	9	98 616	55 531,969	1 745 580,076	31,434	30,972	79	59	55 535	11 618,530	92 485,287	7,960	7,499
30	10	98 562	54 413,355	1 690 048,107	31,059	30,598	80	60	52 543	10 777,003	80 866,757	7,504	7,042
31	11	98 505	53 315,290	1 635 634,752	30,679	30,217	81	61	49 357	9 925,131	70 089,754	7,062	6,600
32	12	98 441	52 235,891	1 582 319,461	30,292	29,830	82	62	46 029	9 074,298	60 164,623	6,630	6,169
33	13	98 374	51 177,138	1 530 083,570	29,898	29,436	83	63	42 572	8 228,273	51 090,326	6,209	5,748
34	14	98 298	50 134,525	1 478 906,432	29,499	29,037	84	64	38 944	7 379,428	42 862,053	5,808	5,347
35	15	98 219	49 112,423	1 428 771,906	29,092	28,630	85	65	35 192	6 537,851	35 482,625	5,427	4,966
36	16	98 134	48 107,512	1 379 659,483	28,679	28,217	86	66	31 353	5 710,320	28 944,774	5,069	4,607
37	17	98 035	47 116,552	1 331 551,972	28,261	27,799	87	67	27 514	4 912,973	23 234,454	4,729	4,268
38	18	97 924	46 140,635	1 284 435,420	27,837	27,376	88	68	23 740	4 155,881	18 321,480	4,409	3,947
39	19	97 809	45 182,620	1 238 294,785	27,406	26,945	89	69	20 050	3 441,077	14 165,599	4,117	3,655
40	20	97 680	44 238,267	1 193 112,165	26,970	26,509	90	70	16 545	2 783,807	10 724,523	3,852	3,391
41	21	97 543	43 310,086	1 148 873,897	26,527	26,065	91	71	13 341	2 200,745	7 940,716	3,608	3,147
42	22	97 385	42 392,068	1 105 563,812	26,079	25,618	92	72	10 516	1 700,775	5 739,971	3,375	2,913
43	23	97 231	41 495,096	1 063 171,743	25,622	25,160	93	73	8 039	1 274,683	4 039,196	3,169	2,707
44	24	97 060	40 609,950	1 021 676,647	25,158	24,697	94	74	5 969	927,790	2 764,513	2,980	2,518
45	25	96 876	39 738,117	981 066,697	24,688	24,227	95	75	4 278	652,015	1 836,723	2,817	2,355
46	26	96 675	38 878,161	941 328,580	24,212	23,751	96	76	2 973	444,148	1 184,707	2,667	2,206
47	27	96 458	38 030,442	902 450,419	23,730	23,268	97	77	1 992	291,858	740,559	2,537	2,076
48	28	96 213	37 190,012	864 419,977	23,243	22,782	98	78	1 297	186,299	448,701	2,408	1,947
49	29	95 938	36 356,454	827 229,965	22,753	22,292	99	79	818	115,130	262,402	2,279	1,818
							100	80	491	67,748	147,272	2,174	1,712

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	35 538,904	792 253,031	22,293	21,831
1							51	30	95 325	34 721,533	756 714,127	21,794	21,332
2							52	31	94 957	33 909,331	721 992,594	21,292	20,830
3							53	32	94 547	33 100,937	688 083,262	20,787	20,326
4							54	33	94 089	32 294,561	654 982,325	20,282	19,820
5							55	34	93 585	31 491,731	622 687,764	19,773	19,311
6							56	35	93 017	30 686,951	591 196,034	19,265	18,804
7							57	36	92 385	29 880,733	560 509,083	18,758	18,297
8							58	37	91 688	29 073,864	530 628,350	18,251	17,789
9							59	38	90 934	28 269,346	501 554,485	17,742	17,280
10							60	39	90 094	27 458,988	473 285,139	17,236	16,774
11							61	40	89 175	26 646,022	445 826,151	16,731	16,270
12							62	41	88 174	25 830,462	419 180,130	16,228	15,767
13							63	42	87 074	25 007,999	393 349,667	15,729	15,267
14							64	43	85 877	24 180,502	368 341,669	15,233	14,771
15							65	44	84 587	23 350,393	344 161,167	14,739	14,277
16							66	45	83 210	22 519,774	320 810,775	14,246	13,784
17							67	46	81 724	21 683,958	298 291,000	13,756	13,295
18							68	47	80 151	20 849,700	276 607,042	13,267	12,805
19							69	48	78 475	20 013,416	255 757,342	12,779	12,318
20							70	49	76 704	19 178,193	235 743,926	12,292	11,831
21	0	99 329	65 534,685	2 234 655,146	34,099	33,637	71	50	74 851	18 347,943	216 565,733	11,803	11,342
22	1	99 001	64 037,978	2 169 120,461	33,872	33,411	72	51	72 850	17 507,253	198 217,790	11,322	10,860
23	2	98 938	62 742,054	2 105 082,483	33,551	33,090	73	52	70 788	16 678,140	180 710,537	10,835	10,374
24	3	98 883	61 477,891	2 042 340,429	33,221	32,759	74	53	68 596	15 844,708	164 032,397	10,353	9,891
25	4	98 828	60 238,827	1 980 862,538	32,883	32,422	75	54	66 292	15 012,319	148 187,690	9,871	9,409
26	5	98 775	59 026,155	1 920 623,712	32,539	32,077	76	55	63 846	14 174,885	133 175,371	9,395	8,934
27	6	98 725	57 839,348	1 861 597,557	32,186	31,724	77	56	61 264	13 334,909	119 000,485	8,924	8,462
28	7	98 674	56 675,602	1 803 758,208	31,826	31,364	78	57	58 598	12 504,649	105 665,576	8,450	7,988
29	8	98 623	55 535,971	1 747 082,606	31,459	30,997	79	58	55 767	11 667,224	93 160,927	7,985	7,523
30	9	98 568	54 416,248	1 691 546,635	31,085	30,624	80	59	52 787	10 827,181	81 493,703	7,527	7,065
31	10	98 510	53 318,254	1 637 130,387	30,705	30,243	81	60	49 612	9 976,277	70 666,522	7,083	6,622
32	11	98 448	52 239,909	1 583 812,133	30,318	29,856	82	61	46 287	9 125,273	60 690,245	6,651	6,189
33	12	98 381	51 180,373	1 531 572,224	29,925	29,463	83	62	42 834	8 278,956	51 564,972	6,228	5,767
34	13	98 305	50 138,488	1 480 391,851	29,526	29,064	84	63	39 209	7 429,654	43 286,016	5,826	5,365
35	14	98 228	49 116,954	1 430 253,363	29,119	28,658	85	64	35 455	6 586,650	35 856,362	5,444	4,982
36	15	98 145	48 113,082	1 381 136,409	28,706	28,244	86	65	31 606	5 756,450	29 269,712	5,085	4,623
37	16	98 047	47 122,576	1 333 023,327	28,288	27,827	87	66	27 757	4 956,380	23 513,261	4,744	4,282
38	17	97 937	46 146,618	1 285 900,751	27,866	27,404	88	67	23 964	4 195,139	18 556,881	4,423	3,962
39	18	97 825	45 189,955	1 239 754,133	27,434	26,973	89	68	20 256	3 476,551	14 361,742	4,131	3,669
40	19	97 696	44 245,540	1 194 564,178	26,999	26,537	90	69	16 738	2 816,325	10 885,191	3,865	3,403
41	20	97 559	43 317,176	1 150 318,638	26,556	26,094	91	70	13 510	2 228,719	8 068,865	3,620	3,159
42	21	97 401	42 399,268	1 107 001,462	26,109	25,647	92	71	10 664	1 724,599	5 840,146	3,386	2,925
43	22	97 247	41 502,059	1 064 602,194	25,652	25,190	93	72	8 161	1 294,026	4 115,547	3,180	2,719
44	23	97 076	40 616,593	1 023 100,135	25,189	24,728	94	73	6 070	943,582	2 821,521	2,990	2,529
45	24	96 892	39 744,646	982 483,542	24,720	24,258	95	74	4 358	664,097	1 877,939	2,828	2,366
46	25	96 694	38 885,721	942 738,896	24,244	23,782	96	75	3 034	453,268	1 213,842	2,678	2,216
47	26	96 475	38 037,222	903 853,175	23,762	23,301	97	76	2 038	298,469	760,574	2,548	2,087
48	27	96 233	37 197,814	865 815,953	23,276	22,814	98	77	1 329	190,868	462,105	2,421	1,959
49	28	95 961	36 365,108	828 618,139	22,786	22,324	99	78	841	118,350	271,237	2,292	1,830
							100	79	506	69,901	152,887	2,187	1,726

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	28	95 679	35 547,364	793 512,282	22,323	21,861
							51	29	95 349	34 730,103	757 964,918	21,824	21,363
							52	30	94 984	33 918,923	723 234,815	21,322	20,861
							53	31	94 578	33 111,599	689 315,892	20,818	20,356
							54	32	94 121	32 305,413	656 204,293	20,313	19,851
							55	33	93 618	31 502,764	623 898,880	19,805	19,343
							56	34	93 053	30 698,671	592 396,116	19,297	18,836
							57	35	92 428	29 894,692	561 697,445	18,789	18,328
							58	36	91 732	29 087,735	531 802,753	18,283	17,821
							59	37	90 980	28 283,628	502 715,018	17,774	17,312
							60	38	90 144	27 474,211	474 431,390	17,268	16,807
							61	39	89 233	26 663,370	446 957,179	16,763	16,301
							62	40	88 230	25 846,826	420 293,809	16,261	15,799
							63	41	87 138	25 026,341	394 446,982	15,761	15,300
							64	42	85 946	24 200,028	369 420,641	15,265	14,804
							65	43	84 663	23 371,326	345 220,613	14,771	14,310
							66	44	83 289	22 541,095	321 849,287	14,278	13,817
							67	45	81 812	21 707,308	299 308,192	13,788	13,327
							68	46	80 246	20 874,419	277 600,884	13,299	12,837
							69	47	78 577	20 039,455	256 726,465	12,811	12,349
							70	48	76 821	19 207,332	236 687,010	12,323	11,861
							71	49	74 978	18 378,895	217 479,678	11,833	11,372
22	0	99 289	64 223,705	2 170 721,590	33,799	33,338	72	50	72 985	17 539,594	199 100,783	11,352	10,890
23	1	98 960	62 756,011	2 106 497,885	33,566	33,105	73	51	70 935	16 712,844	181 561,189	10,864	10,402
24	2	98 896	61 485,970	2 043 741,874	33,239	32,778	74	52	68 747	15 879,713	164 848,345	10,381	9,919
25	3	98 838	60 244,833	1 982 255,903	32,903	32,442	75	53	66 457	15 049,621	148 968,632	9,898	9,437
26	4	98 785	59 031,589	1 922 011,070	32,559	32,097	76	54	64 022	14 214,035	133 919,011	9,422	8,960
27	5	98 732	57 843,279	1 862 979,481	32,207	31,746	77	55	61 455	13 376,542	119 704,976	8,949	8,487
28	6	98 681	56 679,741	1 805 136,203	31,848	31,386	78	56	58 797	12 547,078	106 328,434	8,474	8,013
29	7	98 628	55 538,616	1 748 456,462	31,482	31,020	79	57	55 978	11 711,214	93 781,356	8,008	7,546
30	8	98 575	54 420,170	1 692 917,846	31,108	30,647	80	58	53 008	10 872,559	82 070,142	7,548	7,087
31	9	98 515	53 321,089	1 638 497,676	30,729	30,267	81	59	49 843	10 022,727	71 197,583	7,104	6,642
32	10	98 454	52 242,813	1 585 176,587	30,342	29,881	82	60	46 526	9 172,298	61 174,856	6,670	6,208
33	11	98 388	51 184,309	1 532 933,775	29,949	29,488	83	61	43 075	8 325,463	52 002,558	6,246	5,785
34	12	98 312	50 141,657	1 481 749,465	29,551	29,090	84	62	39 450	7 475,418	43 677,095	5,843	5,381
35	13	98 236	49 120,837	1 431 607,808	29,145	28,683	85	63	35 696	6 631,480	36 201,677	5,459	4,997
36	14	98 154	48 117,521	1 382 486,972	28,731	28,270	86	64	31 842	5 799,417	29 570,197	5,099	4,637
37	15	98 059	47 128,032	1 334 369,451	28,314	27,852	87	65	27 982	4 996,420	23 770,780	4,758	4,296
38	16	97 949	46 152,518	1 287 241,419	27,891	27,429	88	66	24 176	4 232,204	18 774,360	4,436	3,974
39	17	97 837	45 195,815	1 241 088,900	27,460	26,999	89	67	20 448	3 509,392	14 542,156	4,144	3,682
40	18	97 712	44 252,723	1 195 893,086	27,024	26,563	90	68	16 910	2 845,359	11 032,764	3,877	3,416
41	19	97 575	43 324,297	1 151 640,363	26,582	26,120	91	69	13 668	2 254,753	8 187,405	3,631	3,170
42	20	97 417	42 406,209	1 108 316,066	26,136	25,674	92	70	10 799	1 746,521	5 932,652	3,397	2,935
43	21	97 264	41 509,108	1 065 909,857	25,679	25,217	93	71	8 276	1 312,153	4 186,130	3,190	2,729
44	22	97 092	40 623,409	1 024 400,749	25,217	24,755	94	72	6 162	957,901	2 873,978	3,000	2,539
45	23	96 908	39 751,148	983 777,340	24,748	24,287	95	73	4 432	675,400	1 916,077	2,837	2,375
46	24	96 710	38 892,110	944 026,193	24,273	23,811	96	74	3 090	461,667	1 240,677	2,687	2,226
47	25	96 494	38 044,618	905 134,083	23,791	23,330	97	75	2 079	304,597	779,010	2,558	2,096
48	26	96 251	37 204,445	867 089,465	23,306	22,844	98	76	1 359	195,191	474,413	2,430	1,969
49	27	95 981	36 372,737	829 885,020	22,816	22,355	99	77	861	121,253	279,221	2,303	1,841
							100	78	521	71,856	157,969	2,198	1,737

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	27	95 699	35 554,822	794 660,928	22,350	21,889
							51	28	95 371	34 738,371	759 106,106	21,852	21,390
							52	29	95 008	33 927,295	724 367,735	21,351	20,889
							53	30	94 605	33 120,965	690 440,440	20,846	20,384
							54	31	94 151	32 315,819	657 319,475	20,340	19,879
							55	32	93 649	31 513,349	625 003,656	19,833	19,371
							56	33	93 085	30 709,427	593 490,307	19,326	18,864
							57	34	92 463	29 906,110	562 780,880	18,818	18,357
							58	35	91 775	29 101,323	532 874,770	18,311	17,849
							59	36	91 023	28 297,121	503 773,447	17,803	17,341
							60	37	90 189	27 488,091	475 476,326	17,298	16,836
							61	38	89 282	26 678,153	447 988,235	16,792	16,331
							62	39	88 288	25 863,655	421 310,082	16,290	15,828
							63	40	87 193	25 042,196	395 446,427	15,791	15,330
							64	41	86 009	24 217,778	370 404,231	15,295	14,833
							65	42	84 732	23 390,199	346 186,453	14,800	14,339
							66	43	83 363	22 561,303	322 796,254	14,308	13,846
							67	44	81 890	21 727,859	300 234,952	13,818	13,356
							68	45	80 333	20 896,897	278 507,092	13,328	12,866
							69	46	78 671	20 063,214	257 610,195	12,840	12,378
							70	47	76 921	19 232,322	237 546,981	12,351	11,890
							71	48	75 092	18 406,820	218 314,659	11,861	11,399
							72	49	73 108	17 569,181	199 907,840	11,378	10,917
							73	50	71 066	16 743,718	182 338,658	10,890	10,428
							74	51	68 890	15 912,756	165 594,940	10,406	9,945
							75	52	66 603	15 082,870	149 682,184	9,924	9,462
							76	53	64 181	14 249,353	134 599,314	9,446	8,984
							77	54	61 625	13 413,486	120 349,962	8,972	8,511
							78	55	58 981	12 586,252	106 936,475	8,496	8,035
							79	56	56 168	11 750,951	94 350,224	8,029	7,568
							80	57	53 208	10 913,553	82 599,272	7,569	7,107
							81	58	50 051	10 064,733	71 685,719	7,122	6,661
							82	59	46 742	9 215,004	61 620,986	6,687	6,225
							83	60	43 297	8 368,366	52 405,982	6,262	5,801
							84	61	39 672	7 517,411	44 037,615	5,858	5,396
							85	62	35 916	6 672,328	36 520,204	5,473	5,012
							86	63	32 059	5 838,889	29 847,876	5,112	4,650
							87	64	28 191	5 033,714	24 008,987	4,770	4,308
							88	65	24 371	4 266,393	18 975,273	4,448	3,986
							89	66	20 628	3 540,398	14 708,880	4,155	3,693
							90	67	17 070	2 872,237	11 168,482	3,888	3,427
							91	68	13 809	2 277,998	8 296,245	3,642	3,180
							92	69	10 925	1 766,923	6 018,247	3,406	2,944
							93	70	8 381	1 328,832	4 251,324	3,199	2,738
							94	71	6 249	971,319	2 922,492	3,009	2,547
							95	72	4 499	685,649	1 951,174	2,846	2,384
							96	73	3 142	469,525	1 265,524	2,695	2,234
							97	74	2 118	310,241	795,999	2,566	2,104
							98	75	1 387	199,199	485,758	2,439	1,977
							99	76	881	123,999	286,559	2,311	1,849
							100	77	533	73,619	162,560	2,208	1,747

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	35 561,160	795 707,684	22,376	21,914
1							51	27	95 391	34 745,658	760 146,523	21,877	21,416
2							52	28	95 030	33 935,372	725 400,865	21,376	20,914
3							53	29	94 628	33 129,140	691 465,493	20,872	20,410
4							54	30	94 178	32 324,960	658 336,353	20,366	19,905
5							55	31	93 679	31 523,500	626 011,393	19,859	19,397
6							56	32	93 117	30 719,746	594 487,893	19,352	18,890
7							57	33	92 496	29 916,588	563 768,148	18,845	18,383
8							58	34	91 810	29 112,438	533 851,560	18,338	17,876
9							59	35	91 066	28 310,340	504 739,122	17,829	17,367
10							60	36	90 232	27 501,205	476 428,781	17,324	16,862
11							61	37	89 328	26 691,630	448 927,576	16,819	16,357
12							62	38	88 337	25 877,994	422 235,946	16,316	15,855
13							63	39	87 250	25 058,501	396 357,952	15,817	15,356
14							64	40	86 064	24 233,120	371 299,452	15,322	14,860
15							65	41	84 794	23 407,355	347 066,331	14,827	14,366
16							66	42	83 431	22 579,521	323 658,976	14,334	13,873
17							67	43	81 963	21 747,338	301 079,455	13,844	13,383
18							68	44	80 409	20 916,681	279 332,117	13,355	12,893
19							69	45	78 755	20 084,818	258 415,435	12,866	12,405
20							70	46	77 012	19 255,124	238 330,617	12,378	11,916
21							71	47	75 189	18 430,768	219 075,494	11,886	11,425
22							72	48	73 219	17 595,876	200 644,726	11,403	10,941
23							73	49	71 186	16 771,963	183 048,849	10,914	10,452
24	0	99 205	61 678,013	2 046 397,165	33,179	32,717	74	50	69 018	15 942,152	166 276,886	10,430	9,968
25	1	98 873	60 266,155	1 984 719,151	32,933	32,471	75	51	66 742	15 114,254	150 334,734	9,947	9,485
26	2	98 807	59 045,234	1 924 452,996	32,593	32,131	76	52	64 323	14 280,834	135 220,480	9,469	9,007
27	3	98 751	57 854,372	1 865 407,763	32,243	31,782	77	53	61 778	13 446,815	120 939,646	8,994	8,532
28	4	98 697	56 688,810	1 807 553,391	31,886	31,424	78	54	59 144	12 621,013	107 492,830	8,517	8,055
29	5	98 642	55 546,446	1 750 864,581	31,521	31,059	79	55	56 343	11 787,639	94 871,817	8,048	7,587
30	6	98 586	54 426,736	1 695 318,135	31,149	30,687	80	56	53 389	10 950,583	83 084,178	7,587	7,126
31	7	98 527	53 327,472	1 640 891,399	30,770	30,308	81	57	50 240	10 102,682	72 133,595	7,140	6,678
32	8	98 466	52 249,355	1 587 563,928	30,384	29,923	82	58	46 938	9 253,625	62 030,913	6,703	6,242
33	9	98 399	51 189,876	1 535 314,572	29,993	29,531	83	59	43 498	8 407,330	52 777,288	6,278	5,816
34	10	98 325	50 148,301	1 484 124,697	29,595	29,133	84	60	39 876	7 556,150	44 369,958	5,872	5,410
35	11	98 250	49 127,719	1 433 976,395	29,189	28,727	85	61	36 118	6 709,810	36 813,808	5,487	5,025
36	12	98 168	48 124,366	1 384 848,676	28,776	28,315	86	62	32 256	5 874,854	30 103,998	5,124	4,663
37	13	98 075	47 136,106	1 336 724,311	28,359	27,897	87	63	28 382	5 067,974	24 229,144	4,781	4,319
38	14	97 970	46 162,121	1 289 588,205	27,936	27,474	88	64	24 553	4 298,238	19 161,169	4,458	3,996
39	15	97 861	45 206,827	1 243 426,084	27,505	27,044	89	65	20 795	3 568,999	14 862,931	4,164	3,703
40	16	97 737	44 264,120	1 198 219,257	27,070	26,608	90	66	17 221	2 897,614	11 293,933	3,898	3,436
41	17	97 603	43 336,949	1 153 955,137	26,628	26,166	91	67	13 940	2 299,517	8 396,319	3,651	3,190
42	18	97 449	42 420,066	1 110 618,188	26,181	25,720	92	68	11 038	1 785,138	6 096,802	3,415	2,954
43	19	97 296	41 522,728	1 068 198,122	25,726	25,264	93	69	8 479	1 344,354	4 311,664	3,207	2,746
44	20	97 124	40 636,959	1 026 675,394	25,265	24,803	94	70	6 328	983,666	2 967,310	3,017	2,555
45	21	96 940	39 764,570	986 038,435	24,797	24,335	95	71	4 562	695,254	1 983,644	2,853	2,392
46	22	96 742	38 904,999	946 273,865	24,323	23,861	96	72	3 190	476,650	1 288,390	2,703	2,241
47	23	96 526	38 057,093	907 368,866	23,842	23,381	97	73	2 154	315,522	811,740	2,573	2,111
48	24	96 285	37 217,793	869 311,772	23,357	22,896	98	74	1 413	202,890	496,219	2,446	1,984
49	25	96 017	36 386,296	832 093,979	22,868	22,407	99	75	899	126,545	293,328	2,318	1,856
							100	76	545	75,286	166,783	2,215	1,754

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	35 568,075	796 662,216	22,398	21,937
1							51	26	95 408	34 751,852	761 094,141	21,901	21,439
2							52	27	95 050	33 942,491	726 342,289	21,399	20,938
3							53	28	94 650	33 137,027	692 399,798	20,895	20,433
4							54	29	94 201	32 332,938	659 262,771	20,390	19,928
5							55	30	93 706	31 532,417	626 929,833	19,882	19,420
6							56	31	93 147	30 729,641	595 397,416	19,375	18,914
7							57	32	92 527	29 926,640	564 667,775	18,868	18,407
8							58	33	91 842	29 122,638	534 741,135	18,362	17,900
9							59	34	91 101	28 321,153	505 618,497	17,853	17,391
10							60	35	90 274	27 514,052	477 297,344	17,347	16,886
11							61	36	89 370	26 704,364	449 783,291	16,843	16,381
12							62	37	88 381	25 891,067	423 078,927	16,341	15,879
13							63	38	87 298	25 072,393	397 187,860	15,842	15,380
14							64	39	86 120	24 248,898	372 115,467	15,346	14,884
15							65	40	84 847	23 422,184	347 866,569	14,852	14,390
16							66	41	83 492	22 596,083	324 444,385	14,358	13,897
17							67	42	82 029	21 764,899	301 848,302	13,869	13,407
18							68	43	80 481	20 935,433	280 083,402	13,378	12,917
19							69	44	78 830	20 103,833	259 147,969	12,890	12,429
20							70	45	77 095	19 275,858	239 044,136	12,401	11,940
21							71	46	75 278	18 452,619	219 768,278	11,910	11,448
22							72	47	73 314	17 618,770	201 315,658	11,426	10,965
23							73	48	71 294	16 797,446	183 696,889	10,936	10,474
24							74	49	69 134	15 969,045	166 899,442	10,451	9,990
25	0	99 160	60 440,942	1 985 974,801	32,858	32,396	75	50	66 865	15 142,175	150 930,397	9,968	9,506
26	1	98 829	59 058,369	1 925 533,859	32,604	32,142	76	51	64 457	14 310,550	135 788,222	9,489	9,027
27	2	98 764	57 861,975	1 866 475,490	32,257	31,796	77	52	61 914	13 476,523	121 477,672	9,014	8,552
28	3	98 706	56 694,463	1 808 613,515	31,901	31,439	78	53	59 291	12 652,373	108 001,149	8,536	8,074
29	4	98 651	55 551,559	1 751 919,052	31,537	31,075	79	54	56 499	11 820,195	95 348,776	8,067	7,605
30	5	98 593	54 430,434	1 696 367,493	31,166	30,704	80	55	53 556	10 984,772	83 528,581	7,604	7,142
31	6	98 534	53 331,366	1 641 937,059	30,787	30,326	81	56	50 411	10 136,961	72 543,809	7,156	6,695
32	7	98 471	52 251,844	1 588 605,693	30,403	29,941	82	57	47 115	9 288,515	62 406,848	6,719	6,257
33	8	98 406	51 193,565	1 536 353,849	30,011	29,549	83	58	43 681	8 442,566	53 118,333	6,292	5,830
34	9	98 330	50 150,967	1 485 160,284	29,614	29,152	84	59	40 062	7 591,332	44 675,767	5,885	5,423
35	10	98 255	49 130,450	1 435 009,317	29,208	28,747	85	60	36 304	6 744,387	37 084,435	5,499	5,037
36	11	98 176	48 128,067	1 385 878,867	28,796	28,334	86	61	32 437	5 907,857	30 340,048	5,136	4,674
37	12	98 082	47 139,085	1 337 750,800	28,379	27,917	87	62	28 557	5 099,191	24 432,191	4,791	4,330
38	13	97 978	46 165,770	1 290 611,715	27,956	27,494	88	63	24 720	4 327,493	19 333,000	4,467	4,006
39	14	97 870	45 210,998	1 244 445,946	27,525	27,064	89	64	20 950	3 595,638	15 005,507	4,173	3,712
40	15	97 748	44 269,245	1 199 234,948	27,090	26,628	90	65	17 360	2 921,022	11 409,869	3,906	3,445
41	16	97 616	43 342,490	1 154 965,703	26,647	26,186	91	66	14 063	2 319,833	8 488,847	3,659	3,198
42	17	97 462	42 425,566	1 111 623,212	26,202	25,740	92	67	11 142	1 802,001	6 169,014	3,423	2,962
43	18	97 311	41 529,469	1 069 197,646	25,746	25,284	93	68	8 566	1 358,213	4 367,013	3,215	2,754
44	19	97 140	40 643,640	1 027 668,177	25,285	24,823	94	69	6 402	995,156	3 008,799	3,023	2,562
45	20	96 956	39 771,080	987 024,537	24,818	24,356	95	70	4 620	704,092	2 013,643	2,860	2,398
46	21	96 758	38 911,606	947 253,457	24,344	23,882	96	71	3 235	483,327	1 309,552	2,709	2,248
47	22	96 542	38 063,479	908 341,851	23,864	23,402	97	72	2 187	320,310	826,225	2,579	2,118
48	23	96 301	37 223,882	870 278,372	23,380	22,918	98	73	1 437	206,344	505,915	2,452	1,990
49	24	96 032	36 392,274	833 054,490	22,891	22,429	99	74	915	128,890	299,572	2,324	1,863
							100	75	557	76,832	170,682	2,221	1,760

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	3 616 161,310	36,162	35,700	50	50	94 198	30 965,501	610 676,531	19,721	19,259
1	1	99 373	97 186,498	3 516 161,310	36,180	35,718	51	51	93 723	30 131,134	579 711,030	19,240	18,778
2	2	99 327	95 003,814	3 418 974,812	35,988	35,526	52	52	93 193	29 301,695	549 579,896	18,756	18,294
3	3	99 301	92 888,699	3 323 970,998	35,784	35,322	53	53	92 616	28 479,483	520 278,202	18,269	17,807
4	4	99 279	90 824,869	3 231 082,299	35,575	35,113	54	54	91 970	27 658,345	491 798,719	17,781	17,319
5	5	99 259	88 807,967	3 140 257,430	35,360	34,898	55	55	91 257	26 840,123	464 140,374	17,293	16,831
6	6	99 243	86 839,963	3 051 449,464	35,139	34,677	56	56	90 456	26 019,000	437 300,251	16,807	16,345
7	7	99 227	84 915,211	2 964 609,501	34,913	34,451	57	57	89 579	25 199,778	411 281,251	16,321	15,859
8	8	99 212	83 034,636	2 879 694,289	34,681	34,219	58	58	88 612	24 379,108	386 081,473	15,837	15,375
9	9	99 198	81 195,431	2 796 659,654	34,444	33,982	59	59	87 560	23 559,750	361 702,364	15,353	14,891
10	10	99 184	79 398,140	2 715 464,223	34,201	33,739	60	60	86 397	22 735,243	338 142,615	14,873	14,411
11	11	99 172	77 640,894	2 636 066,082	33,952	33,490	61	61	85 133	21 909,613	315 407,372	14,396	13,934
12	12	99 157	75 921,328	2 558 425,188	33,698	33,236	62	62	83 760	21 082,085	293 497,759	13,922	13,460
13	13	99 142	74 239,422	2 482 503,861	33,439	32,977	63	63	82 269	20 251,104	272 415,675	13,452	12,990
14	14	99 125	72 593,306	2 408 264,439	33,175	32,713	64	64	80 655	19 416,753	252 164,570	12,987	12,525
15	15	99 104	70 980,579	2 335 671,133	32,906	32,444	65	65	78 926	18 582,406	232 747,817	12,525	12,063
16	16	99 077	69 399,835	2 264 690,553	32,633	32,170	66	66	77 091	17 751,101	214 165,411	12,065	11,603
17	17	99 041	67 848,504	2 195 290,719	32,356	31,894	67	67	75 132	16 919,358	196 414,310	11,609	11,147
18	18	99 002	66 329,211	2 127 442,215	32,074	31,612	68	68	73 083	16 095,829	179 494,952	11,152	10,690
19	19	98 948	64 834,078	2 061 113,004	31,791	31,329	69	69	70 917	15 275,027	163 399,124	10,697	10,235
20	20	98 892	63 371,407	1 996 278,925	31,501	31,039	70	70	68 620	14 455,097	148 124,096	10,247	9,785
21	21	98 835	61 941,212	1 932 907,518	31,206	30,744	71	71	66 234	13 645,326	133 669,000	9,796	9,334
22	22	98 778	60 543,420	1 870 966,306	30,903	30,441	72	72	63 690	12 832,507	120 023,674	9,353	8,891
23	23	98 720	59 176,415	1 810 422,886	30,594	30,132	73	73	61 089	12 037,601	107 191,167	8,905	8,443
24	24	98 662	57 840,464	1 751 246,471	30,277	29,815	74	74	58 335	11 241,958	95 153,566	8,464	8,002
25	25	98 601	56 532,491	1 693 406,007	29,955	29,493	75	75	55 488	10 457,952	83 911,608	8,024	7,562
26	26	98 538	55 253,336	1 636 873,516	29,625	29,163	76	76	52 510	9 678,900	73 453,656	7,589	7,127
27	27	98 477	54 004,053	1 581 620,180	29,287	28,825	77	77	49 424	8 909,635	63 774,756	7,158	6,696
28	28	98 412	52 780,473	1 527 616,127	28,943	28,481	78	78	46 298	8 162,563	54 865,120	6,722	6,260
29	29	98 343	51 583,281	1 474 835,254	28,591	28,129	79	79	43 025	7 418,464	46 702,558	6,295	5,833
30	30	98 271	50 410,866	1 423 251,972	28,233	27,771	80	80	39 636	6 683,820	39 284,093	5,877	5,415
31	31	98 191	49 261,610	1 372 841,106	27,868	27,406	81	81	36 105	5 954,451	32 600,273	5,475	5,013
32	32	98 103	48 134,473	1 323 579,496	27,498	27,036	82	82	32 491	5 240,486	26 645,822	5,085	4,623
33	33	98 010	47 030,718	1 275 445,023	27,119	26,657	83	83	28 815	4 545,302	21 405,336	4,709	4,247
34	34	97 907	45 947,466	1 228 414,306	26,735	26,273	84	84	25 074	3 868,132	16 860,034	4,359	3,897
35	35	97 801	44 887,674	1 182 466,839	26,343	25,881	85	85	21 372	3 224,440	12 991,902	4,029	3,567
36	36	97 682	43 846,298	1 137 579,165	25,945	25,483	86	86	17 779	2 623,406	9 767,462	3,723	3,261
37	37	97 549	42 823,166	1 093 732,867	25,541	25,079	87	87	14 398	2 077,760	7 144,056	3,438	2,976
38	38	97 402	41 817,943	1 050 909,701	25,131	24,669	88	88	11 298	1 594,459	5 066,296	3,177	2,715
39	39	97 249	40 833,551	1 009 091,758	24,712	24,250	89	89	8 548	1 179,805	3 471,837	2,943	2,481
40	40	97 074	39 862,949	968 258,207	24,290	23,828	90	90	6 217	839,171	2 292,032	2,731	2,269
41	41	96 892	38 912,870	928 395,258	23,858	23,396	91	91	4 330	571,601	1 452,861	2,542	2,080
42	42	96 681	37 973,532	889 482,389	23,424	22,962	92	92	2 887	372,694	881,259	2,365	1,903
43	43	96 466	37 055,471	851 508,856	22,979	22,517	93	93	1 819	229,705	508,566	2,214	1,752
44	44	96 226	36 149,870	814 453,385	22,530	22,068	94	94	1 086	134,094	278,861	2,080	1,618
45	45	95 968	35 259,715	778 303,515	22,073	21,611	95	95	611	73,778	144,768	1,962	1,500
46	46	95 685	34 381,999	743 043,800	21,611	21,149	96	96	323	38,155	70,990	1,861	1,399
47	47	95 375	33 516,330	708 661,801	21,144	20,682	97	97	160	18,433	32,835	1,781	1,319
48	48	95 029	32 659,887	675 145,471	20,672	20,210	98	98	75	8,481	14,402	1,698	1,236
49	49	94 635	31 809,053	642 485,584	20,198	19,736	99	99	33	3,660	5,921	1,618	1,156
							100	100	13	1,456	2,261	1,553	1,091

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	3 608 096,625	36,186	35,724	50	51	94 025	30 908,404	603 732,836	19,533	19,071
1	2	99 351	97 164,883	3 508 385,812	36,108	35,646	51	52	93 528	30 068,566	572 824,432	19,051	18,589
2	3	99 314	94 991,331	3 411 220,929	35,911	35,449	52	53	92 988	29 237,101	542 755,866	18,564	18,102
3	4	99 291	92 879,438	3 316 229,599	35,705	35,243	53	54	92 387	28 408,894	513 518,765	18,076	17,614
4	5	99 270	90 816,508	3 223 350,161	35,493	35,031	54	55	91 717	27 582,166	485 109,871	17,588	17,126
5	6	99 252	88 801,933	3 132 533,653	35,276	34,813	55	56	90 973	26 756,586	457 527,704	17,100	16,638
6	7	99 236	86 833,622	3 043 731,720	35,052	34,590	56	57	90 150	25 931,015	430 771,118	16,612	16,150
7	8	99 222	84 911,167	2 956 898,098	34,823	34,361	57	58	89 242	25 105,121	404 840,104	16,126	15,664
8	9	99 205	83 028,652	2 871 986,931	34,590	34,128	58	59	88 242	24 277,360	379 734,983	15,642	15,180
9	10	99 192	81 191,115	2 788 958,279	34,351	33,889	59	60	87 154	23 450,563	355 457,623	15,158	14,696
10	11	99 179	79 393,726	2 707 767,164	34,106	33,644	60	61	85 954	22 618,684	332 007,060	14,678	14,216
11	12	99 164	77 634,923	2 628 373,438	33,856	33,394	61	62	84 657	21 787,222	309 388,376	14,200	13,738
12	13	99 151	75 916,530	2 550 738,515	33,599	33,137	62	63	83 248	20 953,022	287 601,155	13,726	13,264
13	14	99 134	74 233,554	2 474 821,985	33,338	32,876	63	64	81 713	20 114,203	266 648,133	13,257	12,795
14	15	99 116	72 586,610	2 400 588,431	33,072	32,610	64	65	80 057	19 272,899	246 533,929	12,792	12,330
15	16	99 092	70 972,362	2 328 001,821	32,802	32,340	65	66	78 293	18 433,492	227 261,031	12,329	11,867
16	17	99 064	69 390,963	2 257 029,460	32,526	32,064	66	67	76 416	17 595,641	208 827,539	11,868	11,406
17	18	99 029	67 839,707	2 187 638,497	32,247	31,785	67	68	74 429	16 761,028	191 231,898	11,409	10,947
18	19	98 986	66 318,445	2 119 798,790	31,964	31,502	68	69	72 338	15 931,587	174 470,870	10,951	10,489
19	20	98 932	64 823,422	2 053 480,345	31,678	31,216	69	70	70 098	15 098,657	158 539,283	10,500	10,038
20	21	98 875	63 361,035	1 988 656,924	31,386	30,924	70	71	67 759	14 273,660	143 440,626	10,049	9,587
21	22	98 818	61 930,695	1 925 295,889	31,088	30,626	71	72	65 319	13 456,822	129 166,966	9,599	9,137
22	23	98 761	60 533,262	1 863 365,194	30,783	30,320	72	73	62 738	12 640,688	115 710,144	9,154	8,692
23	24	98 704	59 166,736	1 802 831,933	30,470	30,008	73	74	60 066	11 836,139	103 069,455	8,708	8,246
24	25	98 646	57 830,963	1 743 665,196	30,151	29,689	74	75	57 274	11 037,443	91 233,316	8,266	7,804
25	26	98 582	56 521,501	1 685 834,234	29,826	29,364	75	76	54 371	10 247,538	80 195,873	7,826	7,364
26	27	98 521	55 243,488	1 629 312,733	29,493	29,031	76	77	51 346	9 464,524	69 948,335	7,391	6,929
27	28	98 457	53 992,726	1 574 069,245	29,153	28,691	77	78	48 241	8 696,352	60 483,811	6,955	6,493
28	29	98 389	52 768,312	1 520 076,520	28,807	28,345	78	79	45 039	7 940,480	51 787,459	6,522	6,060
29	30	98 319	51 570,552	1 467 308,208	28,452	27,990	79	80	41 699	7 189,914	43 846,979	6,098	5,636
30	31	98 243	50 396,611	1 415 737,655	28,092	27,630	80	81	38 238	6 448,139	36 657,065	5,685	5,223
31	32	98 159	49 245,748	1 365 341,045	27,725	27,263	81	82	34 646	5 713,800	30 208,927	5,287	4,825
32	33	98 070	48 118,304	1 316 095,297	27,351	26,889	82	83	30 964	4 994,171	24 495,126	4,905	4,443
33	34	97 976	47 014,246	1 267 976,993	26,970	26,508	83	84	27 224	4 294,421	19 500,956	4,541	4,079
34	35	97 870	45 929,924	1 220 962,747	26,583	26,121	84	85	23 474	3 621,392	15 206,535	4,199	3,737
35	36	97 755	44 866,714	1 175 032,823	26,189	25,727	85	86	19 797	2 986,819	11 585,143	3,879	3,417
36	37	97 635	43 825,390	1 130 166,109	25,788	25,326	86	87	16 263	2 399,686	8 598,324	3,583	3,121
37	38	97 499	42 801,543	1 086 340,719	25,381	24,919	87	88	12 971	1 871,865	6 198,639	3,311	2,849
38	39	97 348	41 794,771	1 043 539,176	24,968	24,506	88	89	10 018	1 413,800	4 326,774	3,060	2,598
39	40	97 186	40 806,983	1 001 744,404	24,548	24,086	89	90	7 447	1 027,839	2 912,974	2,834	2,372
40	41	97 012	39 837,711	960 937,422	24,121	23,659	90	91	5 302	715,715	1 885,134	2,634	2,172
41	42	96 821	38 884,349	921 099,711	23,688	23,226	91	92	3 611	476,756	1 169,420	2,453	1,991
42	43	96 603	37 942,893	882 215,362	23,251	22,789	92	93	2 344	302,647	692,663	2,289	1,827
43	44	96 380	37 022,281	844 272,469	22,804	22,342	93	94	1 438	181,591	390,016	2,148	1,686
44	45	96 135	36 115,678	807 250,188	22,352	21,890	94	95	837	103,325	208,425	2,017	1,555
45	46	95 865	35 221,788	771 134,511	21,894	21,432	95	96	456	55,019	105,100	1,910	1,448
46	47	95 572	34 341,284	735 912,723	21,429	20,967	96	97	233	27,498	50,081	1,821	1,359
47	48	95 251	33 472,780	701 571,439	20,959	20,497	97	98	113	13,000	22,583	1,737	1,275
48	49	94 884	32 610,339	668 098,659	20,487	20,025	98	99	51	5,775	9,583	1,659	1,197
49	50	94 476	31 755,484	635 488,320	20,012	19,550	99	100	22	2,404	3,807	1,584	1,122

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	3 599 728,803	36,110	35,648	50	52	93 830	30 844,222	596 275,098	19,332	18,870
1	3	99 338	97 152,115	3 500 040,168	36,026	35,564	51	53	93 322	30 002,282	565 430,876	18,846	18,384
2	4	99 304	94 981,860	3 402 888,053	35,827	35,365	52	54	92 757	29 164,635	535 428,594	18,359	17,897
3	5	99 282	92 870,888	3 307 906,193	35,618	35,156	53	55	92 132	28 330,648	506 263,959	17,870	17,408
4	6	99 263	90 810,338	3 215 035,304	35,404	34,942	54	56	91 431	27 496,320	477 933,310	17,382	16,920
5	7	99 245	88 795,449	3 124 224,967	35,185	34,723	55	57	90 665	26 666,106	450 436,990	16,892	16,430
6	8	99 231	86 829,487	3 035 429,518	34,959	34,496	56	58	89 811	25 833,610	423 770,884	16,404	15,942
7	9	99 215	84 905,047	2 948 600,032	34,728	34,266	57	59	88 870	25 000,342	397 937,274	15,917	15,455
8	10	99 200	83 024,529	2 863 694,984	34,492	34,030	58	60	87 833	24 164,848	372 936,931	15,433	14,971
9	11	99 187	81 186,602	2 780 670,746	34,250	33,788	59	61	86 708	23 330,336	348 772,083	14,949	14,487
10	12	99 171	79 387,621	2 699 484,144	34,004	33,542	60	62	85 474	22 492,331	325 441,747	14,469	14,007
11	13	99 158	77 630,017	2 620 096,523	33,751	33,289	61	63	84 139	21 653,842	302 949,416	13,991	13,529
12	14	99 143	75 910,529	2 542 466,507	33,493	33,031	62	64	82 685	20 811,376	281 295,573	13,516	13,054
13	15	99 125	74 226,706	2 466 555,977	33,230	32,768	63	65	81 108	19 965,181	260 484,198	13,047	12,585
14	16	99 104	72 578,206	2 392 329,271	32,962	32,500	64	66	79 415	19 118,451	240 519,017	12,580	12,118
15	17	99 079	70 963,289	2 319 751,065	32,689	32,227	65	67	77 607	18 272,056	221 400,565	12,117	11,655
16	18	99 051	69 381,966	2 248 787,777	32,412	31,950	66	68	75 701	17 430,982	203 128,510	11,653	11,191
17	19	99 012	67 828,695	2 179 405,811	32,131	31,669	67	69	73 670	16 589,999	185 697,527	11,193	10,731
18	20	98 970	66 307,544	2 111 577,115	31,845	31,383	68	70	71 502	15 747,636	169 107,529	10,739	10,277
19	21	98 915	64 812,811	2 045 269,572	31,557	31,095	69	71	69 218	14 909,143	153 359,892	10,286	9,824
20	22	98 859	63 350,276	1 980 456,760	31,262	30,800	70	72	66 823	14 076,476	138 450,750	9,836	9,374
21	23	98 801	61 920,304	1 917 106,484	30,961	30,499	71	73	64 342	13 255,671	124 374,273	9,383	8,921
22	24	98 745	60 523,361	1 855 186,180	30,652	30,190	72	74	61 688	12 429,133	111 118,602	8,940	8,478
23	25	98 688	59 157,017	1 794 662,819	30,337	29,875	73	75	58 974	11 620,815	98 689,469	8,492	8,030
24	26	98 627	57 819,720	1 735 505,802	30,016	29,554	74	76	56 121	10 815,370	87 068,654	8,050	7,588
25	27	98 564	56 511,426	1 677 686,082	29,688	29,226	75	77	53 167	10 020,567	76 253,284	7,610	7,148
26	28	98 500	55 231,901	1 621 174,656	29,352	28,890	76	78	50 117	9 237,958	66 232,717	7,170	6,708
27	29	98 433	53 979,876	1 565 942,756	29,010	28,548	77	79	46 928	8 459,746	56 994,759	6,737	6,275
28	30	98 365	52 755,290	1 511 962,880	28,660	28,198	78	80	43 651	7 695,847	48 535,013	6,307	5,845
29	31	98 291	51 555,969	1 459 207,589	28,303	27,841	79	81	40 229	6 936,386	40 839,166	5,888	5,426
30	32	98 211	50 380,383	1 407 651,620	27,940	27,478	80	82	36 693	6 187,535	33 902,780	5,479	5,017
31	33	98 126	49 229,206	1 357 271,237	27,570	27,108	81	83	33 018	5 445,239	27 715,245	5,090	4,628
32	34	98 036	48 101,452	1 308 042,032	27,193	26,731	82	84	29 255	4 718,513	22 270,006	4,720	4,258
33	35	97 938	46 996,296	1 259 940,580	26,809	26,347	83	85	25 488	4 020,488	17 551,493	4,366	3,903
34	36	97 824	45 908,478	1 212 944,284	26,421	25,959	84	86	21 744	3 354,518	13 531,005	4,034	3,572
35	37	97 709	44 845,319	1 167 035,806	26,024	25,562	85	87	18 108	2 732,107	10 176,487	3,725	3,263
36	38	97 586	43 803,261	1 122 190,487	25,619	25,157	86	88	14 651	2 161,889	7 444,380	3,443	2,981
37	39	97 445	42 777,827	1 078 387,226	25,209	24,747	87	89	11 502	1 659,775	5 282,490	3,183	2,721
38	40	97 285	41 767,577	1 035 609,399	24,795	24,333	88	90	8 727	1 231,694	3 622,715	2,941	2,479
39	41	97 124	40 781,147	993 841,822	24,370	23,908	89	91	6 351	876,627	2 391,021	2,728	2,266
40	42	96 941	39 808,512	953 060,675	23,941	23,479	90	92	4 422	596,957	1 514,395	2,537	2,075
41	43	96 743	38 852,975	913 252,163	23,505	23,043	91	93	2 933	387,152	917,437	2,370	1,908
42	44	96 516	37 908,908	874 399,188	23,066	22,604	92	94	1 853	239,255	530,285	2,216	1,754
43	45	96 289	36 987,263	836 490,280	22,616	22,154	93	95	1 108	139,924	291,030	2,080	1,618
44	46	96 032	36 076,829	799 503,017	22,161	21,699	94	96	624	77,054	151,106	1,961	1,499
45	47	95 752	35 180,079	763 426,188	21,701	21,239	95	97	328	39,652	74,052	1,868	1,406
46	48	95 447	34 296,662	728 246,109	21,234	20,772	96	98	164	19,393	34,400	1,774	1,312
47	49	95 106	33 421,998	693 949,447	20,763	20,301	97	99	77	8,853	15,007	1,695	1,233
48	50	94 725	32 555,421	660 527,449	20,289	19,827	98	100	34	3,793	6,154	1,623	1,161
49	51	94 302	31 696,930	627 972,029	19,812	19,350							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	3 590 767,712	36,025	35,563	50	53	93 623	30 776,229	588 288,785	19,115	18,653
1	4	99 328	97 142,429	3 491 092,176	35,938	35,476	51	54	93 091	29 927,919	557 512,556	18,629	18,166
2	5	99 295	94 973,117	3 393 949,747	35,736	35,274	52	55	92 502	29 084,308	527 584,636	18,140	17,678
3	6	99 275	92 864,578	3 298 976,630	35,525	35,063	53	56	91 846	28 242,472	498 500,329	17,651	17,189
4	7	99 256	90 803,707	3 206 112,052	35,308	34,846	54	57	91 122	27 403,339	470 257,857	17,161	16,699
5	8	99 240	88 791,219	3 115 308,345	35,086	34,624	55	58	90 325	26 565,941	442 854,517	16,670	16,208
6	9	99 224	86 823,229	3 026 517,126	34,858	34,396	56	59	89 436	25 725,792	416 288,577	16,182	15,720
7	10	99 210	84 900,535	2 939 693,897	34,625	34,163	57	60	88 458	24 884,479	390 562,785	15,695	15,233
8	11	99 194	83 019,623	2 854 793,362	34,387	33,925	58	61	87 382	24 040,959	365 678,306	15,211	14,749
9	12	99 179	81 180,358	2 771 773,739	34,143	33,681	59	62	86 223	23 200,009	341 637,347	14,726	14,264
10	13	99 165	79 382,603	2 690 593,381	33,894	33,432	60	63	84 951	22 354,635	318 437,338	14,245	13,783
11	14	99 150	77 623,881	2 611 210,778	33,639	33,177	61	64	83 570	21 507,458	296 082,702	13,767	13,304
12	15	99 134	75 903,623	2 533 586,897	33,379	32,912	62	65	82 072	20 657,188	274 575,244	13,292	12,830
13	16	99 114	74 218,113	2 457 683,370	33,114	32,652	63	66	80 458	19 805,186	253 918,056	12,821	12,359
14	17	99 092	72 568,928	2 383 465,258	32,844	32,382	64	67	78 720	18 951,017	234 112,870	12,354	11,892
15	18	99 067	70 954,088	2 310 896,330	32,569	32,107	65	68	76 881	18 101,067	215 161,853	11,887	11,425
16	19	99 035	69 370,704	2 239 942,242	32,289	31,827	66	69	74 928	17 253,117	197 060,786	11,422	10,960
17	20	98 996	67 817,546	2 170 571,538	32,006	31,544	67	70	72 819	16 398,446	179 807,669	10,965	10,503
18	21	98 954	66 296,691	2 102 753,992	31,717	31,255	68	71	70 605	15 549,976	163 409,223	10,509	10,047
19	22	98 899	64 801,806	2 036 457,301	31,426	30,964	69	72	68 262	14 703,180	147 859,248	10,056	9,594
20	23	98 842	63 339,647	1 971 655,495	31,128	30,666	70	73	65 824	13 866,063	133 156,067	9,603	9,141
21	24	98 785	61 910,177	1 908 315,847	30,824	30,362	71	74	63 266	13 033,824	119 290,005	9,152	8,690
22	25	98 729	60 513,419	1 846 405,671	30,512	30,050	72	75	60 566	12 203,021	106 256,181	8,707	8,245
23	26	98 668	59 145,516	1 785 892,252	30,195	29,733	73	76	57 787	11 387,004	94 053,160	8,260	7,798
24	27	98 609	57 809,414	1 726 746,736	29,870	29,408	74	77	54 878	10 575,822	82 666,156	7,817	7,355
25	28	98 544	56 499,573	1 668 937,322	29,539	29,077	75	78	51 894	9 780,691	72 090,334	7,371	6,909
26	29	98 477	55 218,756	1 612 437,749	29,201	28,739	76	79	48 754	8 986,616	62 309,643	6,934	6,472
27	30	98 409	53 966,556	1 557 218,993	28,855	28,393	77	80	45 482	8 199,115	53 323,027	6,504	6,041
28	31	98 337	52 740,372	1 503 252,437	28,503	28,041	78	81	42 112	7 424,479	45 123,912	6,078	5,616
29	32	98 260	51 539,368	1 450 512,065	28,144	27,682	79	82	38 603	6 656,050	37 699,432	5,664	5,202
30	33	98 178	50 363,460	1 398 972,698	27,778	27,316	80	83	34 968	5 896,707	31 043,382	5,265	4,803
31	34	98 092	49 211,964	1 348 609,238	27,404	26,942	81	84	31 195	5 144,684	25 146,675	4,888	4,426
32	35	97 998	48 083,087	1 299 397,274	27,024	26,562	82	85	27 389	4 417,529	20 001,991	4,528	4,066
33	36	97 893	46 974,352	1 251 314,187	26,638	26,176	83	86	23 610	3 724,203	15 584,463	4,185	3,723
34	37	97 777	45 886,586	1 204 339,835	26,246	25,784	84	87	19 890	3 068,450	11 860,259	3,865	3,403
35	38	97 659	44 822,675	1 158 453,249	25,845	25,383	85	88	16 314	2 461,370	8 791,810	3,572	3,110
36	39	97 532	43 778,989	1 113 630,574	25,438	24,976	86	89	12 991	1 916,939	6 330,440	3,302	2,840
37	40	97 382	42 749,993	1 069 851,584	25,026	24,564	87	90	10 020	1 445,986	4 413,501	3,052	2,590
38	41	97 223	41 741,133	1 027 101,591	24,606	24,144	88	91	7 443	1 050,491	2 967,515	2,825	2,363
39	42	97 053	40 751,256	985 360,458	24,180	23,718	89	92	5 297	731,169	1 917,025	2,622	2,160
40	43	96 863	39 776,393	944 609,201	23,748	23,286	90	93	3 591	484,762	1 185,855	2,446	1,984
41	44	96 657	38 818,174	904 832,809	23,310	22,847	91	94	2 318	306,060	701,094	2,291	1,829
42	45	96 425	37 873,052	866 014,635	22,866	22,404	92	95	1 428	184,357	395,034	2,143	1,681
43	46	96 185	36 947,477	828 141,583	22,414	21,952	93	96	826	104,348	210,677	2,019	1,557
44	47	95 918	36 034,107	791 194,105	21,957	21,495	94	97	450	55,532	106,330	1,915	1,453
45	48	95 627	35 134,367	755 159,998	21,493	21,031	95	98	232	27,965	50,798	1,816	1,354
46	49	95 303	34 244,630	720 025,631	21,026	20,564	96	99	112	13,206	22,833	1,729	1,267
47	50	94 946	33 365,713	685 781,001	20,553	20,091	97	100	50	5,814	9,627	1,656	1,194
48	51	94 550	32 495,392	652 415,288	20,077	19,615							
49	52	94 106	31 631,111	619 919,896	19,598	19,136							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	3 581 183,236	35,932	35,470	50	54	93 391	30 699,947	579 758,522	18,885	18,423
1	5	99 319	97 133,487	3 481 517,637	35,843	35,381	51	55	92 834	29 845,490	549 058,574	18,397	17,935
2	6	99 288	94 966,664	3 384 384,150	35,638	35,176	52	56	92 214	28 993,786	519 213,085	17,908	17,446
3	7	99 268	92 857,798	3 289 417,486	35,424	34,962	53	57	91 535	28 146,968	490 219,299	17,416	16,954
4	8	99 251	90 799,382	3 196 559,689	35,205	34,743	54	58	90 780	27 300,404	462 072,331	16,925	16,463
5	9	99 233	88 784,820	3 105 760,307	34,981	34,519	55	59	89 948	26 455,066	434 771,926	16,434	15,972
6	10	99 219	86 818,614	3 016 975,486	34,750	34,288	56	60	89 022	25 606,567	408 316,861	15,946	15,484
7	11	99 204	84 895,815	2 930 156,872	34,515	34,053	57	61	88 005	24 756,901	382 710,294	15,459	14,997
8	12	99 187	83 013,238	2 845 261,057	34,275	33,813	58	62	86 894	23 906,662	357 953,393	14,973	14,511
9	13	99 173	81 175,228	2 762 247,819	34,028	33,566	59	63	85 695	23 057,980	334 046,731	14,487	14,025
10	14	99 157	79 376,329	2 681 072,591	33,777	33,315	60	64	84 376	22 203,514	310 988,750	14,006	13,544
11	15	99 141	77 616,720	2 601 696,262	33,520	33,058	61	65	82 951	21 348,114	288 785,237	13,527	13,065
12	16	99 122	75 894,739	2 524 079,542	33,258	32,796	62	66	81 415	20 491,648	267 437,123	13,051	12,589
13	17	99 101	74 208,625	2 448 184,803	32,991	32,529	63	67	79 753	19 631,737	246 945,475	12,579	12,117
14	18	99 079	72 559,519	2 373 976,178	32,718	32,256	64	68	77 983	18 773,674	227 313,738	12,108	11,646
15	19	99 050	70 942,571	2 301 416,659	32,441	31,979	65	69	76 097	17 916,364	208 540,064	11,640	11,178
16	20	99 019	69 359,302	2 230 474,089	32,158	31,696	66	70	74 063	17 053,907	190 623,699	11,178	10,716
17	21	98 980	67 806,446	2 161 114,787	31,872	31,410	67	71	71 905	16 192,616	173 569,792	10,719	10,257
18	22	98 937	66 285,434	2 093 308,341	31,580	31,118	68	72	69 630	15 335,161	157 377,176	10,263	9,800
19	23	98 882	64 790,934	2 027 022,908	31,286	30,824	69	73	67 242	14 483,399	142 042,015	9,807	9,345
20	24	98 826	63 329,288	1 962 231,974	30,985	30,523	70	74	64 723	13 634,000	127 558,616	9,356	8,894
21	25	98 769	61 900,007	1 898 902,686	30,677	30,215	71	75	62 115	12 796,711	113 924,617	8,903	8,441
22	26	98 710	60 501,654	1 837 002,679	30,363	29,901	72	76	59 347	11 957,496	101 127,906	8,457	7,995
23	27	98 651	59 134,974	1 776 501,025	30,041	29,579	73	77	56 507	11 134,795	89 170,410	8,008	7,546
24	28	98 589	57 797,288	1 717 366,051	29,714	29,252	74	78	53 564	10 322,654	78 035,614	7,560	7,098
25	29	98 520	56 486,127	1 659 568,763	29,380	28,918	75	79	50 482	9 514,583	67 712,961	7,117	6,655
26	30	98 452	55 205,130	1 603 082,636	29,039	28,577	76	80	47 252	8 709,753	58 198,378	6,682	6,220
27	31	98 381	53 951,295	1 547 877,506	28,690	28,228	77	81	43 879	7 910,002	49 488,625	6,256	5,794
28	32	98 305	52 723,288	1 493 926,211	28,335	27,873	78	82	40 410	7 124,417	41 578,623	5,836	5,374
29	33	98 227	51 522,055	1 441 202,822	27,973	27,511	79	83	36 788	6 343,201	34 454,206	5,432	4,970
30	34	98 144	50 345,821	1 389 680,767	27,603	27,141	80	84	33 038	5 571,233	28 111,005	5,046	4,584
31	35	98 055	49 193,175	1 339 334,946	27,226	26,764	81	85	29 205	4 816,515	22 539,772	4,680	4,218
32	36	97 953	48 060,635	1 290 141,770	26,844	26,382	82	86	25 370	4 091,984	17 723,257	4,331	3,869
33	37	97 846	46 951,952	1 242 081,135	26,454	25,992	83	87	21 596	3 406,609	13 631,273	4,001	3,539
34	38	97 728	45 863,416	1 195 129,183	26,058	25,596	84	88	17 919	2 764,382	10 224,664	3,699	3,237
35	39	97 605	44 797,839	1 149 265,767	25,654	25,192	85	89	14 466	2 182,487	7 460,282	3,418	2,956
36	40	97 468	43 750,505	1 104 467,929	25,245	24,783	86	90	11 318	1 670,025	5 277,795	3,160	2,698
37	41	97 320	42 722,927	1 060 717,424	24,828	24,366	87	91	8 546	1 233,257	3 607,770	2,925	2,463
38	42	97 152	41 710,539	1 017 994,497	24,406	23,944	88	92	6 208	876,185	2 374,514	2,710	2,248
39	43	96 975	40 718,376	976 283,957	23,976	23,514	89	93	4 302	593,749	1 498,329	2,524	2,061
40	44	96 776	39 740,765	935 565,581	23,542	23,080	90	94	2 839	383,224	904,580	2,360	1,898
41	45	96 565	38 781,458	895 824,816	23,099	22,637	91	95	1 786	235,832	521,356	2,211	1,749
42	46	96 321	37 832,313	857 043,358	22,654	22,192	92	96	1 065	137,483	285,523	2,077	1,615
43	47	96 071	36 903,725	819 211,045	22,199	21,737	93	97	596	75,202	148,040	1,969	1,507
44	48	95 793	35 987,286	782 307,320	21,738	21,276	94	98	317	39,165	72,838	1,860	1,398
45	49	95 482	35 081,064	746 320,034	21,274	20,812	95	99	158	19,043	33,674	1,768	1,306
46	50	95 142	34 186,960	711 238,970	20,804	20,342	96	100	73	8,673	14,630	1,687	1,225
47	51	94 771	33 304,190	677 052,010	20,329	19,867							
48	52	94 354	32 427,915	643 747,820	19,852	19,390							
49	53	93 898	31 561,383	611 319,905	19,369	18,907							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	3 570 953,529	35,833	35,371	50	55	93 133	30 615,391	570 676,093	18,640	18,178
1	6	99 312	97 126,887	3 471 297,105	35,740	35,278	51	56	92 545	29 752,599	540 060,702	18,152	17,690
2	7	99 281	94 959,730	3 374 170,218	35,533	35,071	52	57	91 902	28 895,741	510 308,103	17,660	17,198
3	8	99 263	92 853,375	3 279 210,488	35,316	34,854	53	58	91 191	28 041,240	481 412,362	17,168	16,706
4	9	99 244	90 792,838	3 186 357,113	35,095	34,633	54	59	90 401	27 186,464	453 371,122	16,676	16,214
5	10	99 228	88 780,101	3 095 564,275	34,868	34,406	55	60	89 531	26 332,461	426 184,658	16,185	15,723
6	11	99 213	86 813,788	3 006 784,173	34,635	34,173	56	61	88 566	25 475,287	399 852,197	15,696	15,234
7	12	99 196	84 889,286	2 919 970,385	34,397	33,935	57	62	87 513	24 618,605	374 376,911	15,207	14,745
8	13	99 181	83 007,992	2 835 081,099	34,154	33,692	58	63	86 362	23 760,307	349 758,306	14,720	14,258
9	14	99 165	81 168,812	2 752 073,107	33,906	33,444	59	64	85 116	22 902,104	325 997,998	14,234	13,772
10	15	99 148	79 369,007	2 670 904,296	33,652	33,190	60	65	83 751	22 039,013	303 095,894	13,753	13,291
11	16	99 129	77 607,734	2 591 535,289	33,393	32,931	61	66	82 286	21 177,036	281 056,882	13,272	12,810
12	17	99 110	75 885,037	2 513 927,555	33,128	32,666	62	67	80 702	20 312,187	259 879,845	12,794	12,332
13	18	99 088	74 199,003	2 438 042,518	32,858	32,396	63	68	79 007	19 448,025	239 567,658	12,318	11,856
14	19	99 063	72 547,741	2 363 843,515	32,583	32,121	64	69	77 188	18 582,108	220 119,634	11,846	11,384
15	20	99 034	70 930,910	2 291 295,774	32,303	31,841	65	70	75 218	17 709,497	201 537,525	11,380	10,918
16	21	99 003	69 347,949	2 220 364,864	32,018	31,556	66	71	73 134	16 839,851	183 828,029	10,916	10,454
17	22	98 963	67 794,933	2 151 016,915	31,728	31,266	67	72	70 912	15 968,924	166 988,178	10,457	9,995
18	23	98 920	66 274,312	2 083 221,983	31,433	30,971	68	73	68 589	15 105,932	151 019,255	9,997	9,535
19	24	98 866	64 780,337	2 016 947,670	31,135	30,673	69	74	66 116	14 241,004	135 913,322	9,544	9,082
20	25	98 810	63 318,884	1 952 167,333	30,831	30,369	70	75	63 545	13 385,968	121 672,318	9,090	8,628
21	26	98 750	61 887,972	1 888 848,449	30,520	30,058	71	76	60 865	12 539,241	108 286,350	8,636	8,174
22	27	98 692	60 490,870	1 826 960,476	30,202	29,740	72	77	58 033	11 692,652	95 747,109	8,189	7,727
23	28	98 630	59 122,571	1 766 469,606	29,878	29,416	73	78	55 155	10 868,246	84 054,457	7,734	7,272
24	29	98 565	57 783,533	1 707 347,035	29,547	29,085	74	79	52 107	10 041,800	73 186,211	7,288	6,826
25	30	98 496	56 472,188	1 649 563,502	29,210	28,748	75	80	48 927	9 221,454	63 144,411	6,848	6,386
26	31	98 424	55 189,519	1 593 091,314	28,866	28,404	76	81	45 586	8 402,634	53 922,957	6,417	5,955
27	32	98 349	53 933,922	1 537 901,795	28,515	28,053	77	82	42 105	7 590,317	45 520,324	5,997	5,535
28	33	98 272	52 705,699	1 483 967,873	28,156	27,694	78	83	38 511	6 789,553	37 930,006	5,587	5,125
29	34	98 192	51 504,011	1 431 262,194	27,789	27,327	79	84	34 758	5 993,082	31 140,453	5,196	4,734
30	35	98 106	50 326,599	1 379 758,183	27,416	26,954	80	85	30 931	5 215,855	25 147,371	4,821	4,359
31	36	98 009	49 170,205	1 329 431,584	27,037	26,575	81	86	27 053	4 461,568	19 931,516	4,467	4,005
32	37	97 906	48 037,717	1 280 261,379	26,651	26,189	82	87	23 207	3 743,026	15 469,948	4,133	3,671
33	38	97 797	46 928,244	1 232 223,662	26,258	25,796	83	88	19 456	3 069,032	11 726,922	3,821	3,359
34	39	97 674	45 838,003	1 185 295,417	25,858	25,396	84	89	15 889	2 451,167	8 657,891	3,532	3,070
35	40	97 542	44 768,691	1 139 457,414	25,452	24,990	85	90	12 602	1 901,369	6 206,724	3,264	2,802
36	41	97 406	43 722,805	1 094 688,723	25,037	24,575	86	91	9 653	1 424,336	4 305,355	3,023	2,561
37	42	97 249	42 691,614	1 050 965,918	24,618	24,156	87	92	7 128	1 028,625	2 881,019	2,801	2,339
38	43	97 074	41 676,885	1 008 274,304	24,193	23,731	88	93	5 041	711,509	1 852,395	2,603	2,141
39	44	96 888	40 681,905	966 597,419	23,760	23,298	89	94	3 401	469,383	1 140,885	2,431	1,969
40	45	96 685	39 703,176	925 915,514	23,321	22,859	90	95	2 188	295,291	671,502	2,274	1,812
41	46	96 461	38 739,742	886 212,338	22,876	22,414	91	96	1 332	175,871	376,211	2,139	1,677
42	47	96 207	37 787,513	847 472,596	22,427	21,965	92	97	767	99,082	200,340	2,022	1,560
43	48	95 946	36 855,773	809 685,083	21,969	21,507	93	98	420	53,037	101,258	1,909	1,447
44	49	95 648	35 932,689	772 829,310	21,508	21,046	94	99	216	26,670	48,221	1,808	1,346
45	50	95 321	35 021,985	736 896,621	21,041	20,579	95	100	104	12,507	21,551	1,723	1,261
46	51	94 967	34 123,923	701 874,636	20,568	20,106							
47	52	94 574	33 235,034	667 750,713	20,092	19,630							
48	53	94 146	32 356,430	634 515,679	19,610	19,148							
49	54	93 666	31 483,156	602 159,249	19,126	18,664							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	3 560 061,590	35,726	35,264	50	56	92 844	30 520,105	561 035,974	18,383	17,920
1	7	99 305	97 119,795	3 460 411,936	35,630	35,168	51	57	92 232	29 651,988	530 515,870	17,891	17,429
2	8	99 276	94 955,207	3 363 292,141	35,420	34,958	52	58	91 557	28 787,200	500 863,882	17,399	16,937
3	9	99 256	92 846,683	3 268 336,934	35,201	34,739	53	59	90 811	27 924,208	472 076,681	16,906	16,444
4	10	99 239	90 788,013	3 175 490,251	34,977	34,515	54	60	89 982	27 060,469	444 152,474	16,413	15,951
5	11	99 222	88 775,166	3 084 702,238	34,747	34,285	55	61	89 072	26 197,459	417 092,004	15,921	15,459
6	12	99 205	86 807,111	2 995 927,072	34,512	34,050	56	62	88 071	25 332,977	390 894,545	15,430	14,968
7	13	99 190	84 883,921	2 909 119,961	34,272	33,810	57	63	86 977	24 467,892	365 561,568	14,940	14,478
8	14	99 173	83 001,431	2 824 236,040	34,026	33,564	58	64	85 779	23 599,683	341 093,676	14,453	13,991
9	15	99 156	81 161,324	2 741 234,608	33,775	33,313	59	65	84 485	22 732,427	317 493,993	13,967	13,505
10	16	99 137	79 359,818	2 660 073,284	33,519	33,057	60	66	83 080	21 862,399	294 761,566	13,483	13,021
11	17	99 117	77 597,813	2 580 713,467	33,258	32,796	61	67	81 566	20 991,573	272 899,167	13,000	12,538
12	18	99 097	75 875,198	2 503 115,654	32,990	32,528	62	68	79 946	20 122,107	251 907,594	12,519	12,057
13	19	99 072	74 186,959	2 427 240,456	32,718	32,256	63	69	78 201	19 249,578	231 785,487	12,041	11,579
14	20	99 046	72 535,817	2 353 053,497	32,440	31,978	64	70	76 296	18 367,554	212 535,910	11,571	11,109
15	21	99 018	70 919,300	2 280 517,680	32,157	31,695	65	71	74 274	17 487,211	194 168,356	11,103	10,641
16	22	98 986	69 336,174	2 209 598,380	31,868	31,406	66	72	72 123	16 607,217	176 681,145	10,639	10,177
17	23	98 947	67 783,558	2 140 262,206	31,575	31,113	67	73	69 852	15 730,222	160 073,928	10,176	9,714
18	24	98 904	66 263,473	2 072 478,648	31,276	30,814	68	74	67 441	14 853,119	144 343,707	9,718	9,256
19	25	98 850	64 769,696	2 006 215,176	30,975	30,513	69	75	64 914	13 981,930	129 490,588	9,261	8,799
20	26	98 790	63 306,574	1 941 445,480	30,667	30,205	70	76	62 267	13 116,643	115 508,658	8,806	8,344
21	27	98 732	61 876,941	1 878 138,906	30,353	29,891	71	77	59 517	12 261,512	102 392,015	8,351	7,889
22	28	98 671	60 478,183	1 816 261,964	30,032	29,570	72	78	56 643	11 412,748	90 130,503	7,897	7,435
23	29	98 607	59 108,500	1 755 783,782	29,704	29,242	73	79	53 654	10 572,548	78 717,755	7,445	6,983
24	30	98 541	57 769,274	1 696 675,282	29,370	28,908	74	80	50 502	9 732,429	68 145,207	7,002	6,540
25	31	98 468	56 456,219	1 638 906,007	29,030	28,568	75	81	47 202	8 896,291	58 412,779	6,566	6,104
26	32	98 393	55 171,747	1 582 449,789	28,682	28,220	76	82	43 743	8 063,039	49 516,488	6,141	5,679
27	33	98 316	53 915,805	1 527 278,041	28,327	27,865	77	83	40 126	7 233,555	41 453,448	5,731	5,269
28	34	98 238	52 687,220	1 473 362,236	27,964	27,502	78	84	36 385	6 414,798	34 219,894	5,335	4,873
29	35	98 155	51 484,347	1 420 675,016	27,594	27,132	79	85	32 541	5 610,795	27 805,096	4,956	4,494
30	36	98 061	50 303,100	1 369 190,669	27,219	26,757	80	86	28 651	4 831,479	22 194,300	4,594	4,132
31	37	97 962	49 146,758	1 318 887,569	26,836	26,374	81	87	24 746	4 081,092	17 362,821	4,254	3,792
32	38	97 856	48 013,461	1 269 740,811	26,446	25,984	82	88	20 907	3 372,112	13 281,729	3,939	3,477
33	39	97 742	46 902,241	1 221 727,350	26,048	25,586	83	89	17 252	2 721,298	9 909,618	3,642	3,179
34	40	97 610	45 808,179	1 174 825,109	25,647	25,185	84	90	13 842	2 135,441	7 188,320	3,366	2,904
35	41	97 480	44 740,347	1 129 016,930	25,235	24,773	85	91	10 748	1 621,645	5 052,878	3,116	2,654
36	42	97 335	43 690,759	1 084 276,583	24,817	24,355	86	92	8 051	1 187,998	3 431,233	2,888	2,426
37	43	97 171	42 657,168	1 040 585,824	24,394	23,932	87	93	5 788	835,299	2 243,235	2,686	2,224
38	44	96 987	41 639,555	997 928,657	23,966	23,504	88	94	3 985	562,478	1 407,936	2,503	2,041
39	45	96 797	40 643,426	956 289,101	23,529	23,067	89	95	2 620	361,680	845,458	2,338	1,876
40	46	96 581	39 660,469	915 645,675	23,087	22,625	90	96	1 631	220,212	483,778	2,197	1,735
41	47	96 347	38 693,867	875 985,206	22,639	22,177	91	97	960	126,748	263,566	2,079	1,617
42	48	96 082	37 738,413	837 291,339	22,187	21,725	92	98	541	69,879	136,818	1,958	1,496
43	49	95 801	36 799,859	799 552,926	21,727	21,265	93	99	286	36,117	66,939	1,853	1,391
44	50	95 487	35 872,176	762 753,067	21,263	20,801	94	100	142	17,515	30,822	1,760	1,298
45	51	95 146	34 957,408	726 880,891	20,793	20,331							
46	52	94 770	34 053,064	691 923,483	20,319	19,857							
47	53	94 366	33 161,770	657 870,419	19,838	19,376							
48	54	93 912	32 276,232	624 708,649	19,355	18,893							
49	55	93 408	31 396,442	592 432,417	18,869	18,407							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	3 548 491,082	35,612	35,150	50	57	92 530	30 416,898	550 837,787	18,110	17,648
1	8	99 300	97 115,170	3 448 848,704	35,513	35,051	51	58	91 886	29 540,607	520 420,889	17,617	17,155
2	9	99 269	94 948,364	3 351 733,535	35,301	34,839	52	59	91 175	28 667,055	490 880,282	17,123	16,661
3	10	99 251	92 841,748	3 256 785,171	35,079	34,617	53	60	90 390	27 794,794	462 213,227	16,629	16,167
4	11	99 233	90 782,965	3 163 943,422	34,852	34,390	54	61	89 520	26 921,735	434 418,433	16,136	15,674
5	12	99 214	88 768,339	3 073 160,457	34,620	34,158	55	62	88 575	26 051,115	407 496,698	15,642	15,180
6	13	99 199	86 801,625	2 984 392,118	34,382	33,920	56	63	87 532	25 177,891	381 445,583	15,150	14,688
7	14	99 182	84 877,212	2 897 590,493	34,139	33,677	57	64	86 389	24 302,484	356 267,692	14,660	14,198
8	15	99 164	82 993,774	2 812 713,281	33,891	33,429	58	65	85 143	23 424,838	331 965,208	14,172	13,709
9	16	99 145	81 151,928	2 729 719,506	33,637	33,175	59	66	83 808	22 550,256	308 540,369	13,682	13,220
10	17	99 124	79 349,672	2 648 567,579	33,378	32,916	60	67	82 352	21 670,933	285 990,113	13,197	12,735
11	18	99 104	77 587,752	2 569 217,906	33,114	32,652	61	68	80 802	20 795,135	264 319,180	12,711	12,249
12	19	99 081	75 862,882	2 491 630,154	32,844	32,382	62	69	79 131	19 916,781	243 524,045	12,227	11,765
13	20	99 056	74 174,765	2 415 767,273	32,569	32,107	63	70	77 298	19 027,316	223 607,263	11,752	11,290
14	21	99 030	72 523,944	2 341 592,507	32,287	31,825	64	71	75 339	18 137,008	204 579,947	11,280	10,818
15	22	99 001	70 907,258	2 269 068,564	32,001	31,538	65	72	73 248	17 245,634	186 442,939	10,811	10,349
16	23	98 969	69 324,541	2 198 161,305	31,708	31,246	66	73	71 045	16 358,974	169 197,304	10,343	9,881
17	24	98 930	67 772,472	2 128 836,765	31,412	30,950	67	74	68 683	15 466,960	152 838,331	9,882	9,420
18	25	98 888	66 252,588	2 061 064,293	31,109	30,647	68	75	66 214	14 582,909	137 371,371	9,420	8,958
19	26	98 830	64 757,103	1 994 811,706	30,805	30,343	69	76	63 608	13 700,614	122 788,462	8,962	8,500
20	27	98 773	63 295,291	1 930 054,602	30,493	30,031	70	77	60 887	12 826,125	109 087,848	8,505	8,043
21	28	98 711	61 863,963	1 866 759,312	30,175	29,713	71	78	58 092	11 967,990	96 261,723	8,043	7,581
22	29	98 648	60 463,789	1 804 895,349	29,851	29,389	72	79	55 102	11 102,236	84 293,733	7,593	7,130
23	30	98 582	59 093,914	1 744 431,559	29,520	29,058	73	80	52 001	10 246,825	73 191,497	7,143	6,681
24	31	98 513	57 752,938	1 685 337,645	29,182	28,720	74	81	48 721	9 389,248	62 944,672	6,704	6,242
25	32	98 436	56 438,039	1 627 584,707	28,838	28,376	75	82	45 294	8 536,745	53 555,424	6,274	5,812
26	33	98 360	55 153,215	1 571 146,668	28,487	28,025	76	83	41 687	7 684,058	45 018,679	5,859	5,397
27	34	98 282	53 896,922	1 515 993,453	28,128	27,666	77	84	37 911	6 834,293	37 334,621	5,463	5,001
28	35	98 200	52 667,105	1 462 096,531	27,761	27,299	78	85	34 064	6 005,611	30 500,328	5,079	4,617
29	36	98 109	51 460,307	1 409 429,426	27,389	26,927	79	86	30 143	5 197,315	24 494,718	4,713	4,251
30	37	98 014	50 279,113	1 357 969,119	27,009	26,547	80	87	26 208	4 419,458	19 297,403	4,366	3,904
31	38	97 913	49 121,942	1 307 690,006	26,621	26,159	81	88	22 294	3 676,677	14 877,945	4,047	3,585
32	39	97 802	47 986,857	1 258 568,064	26,227	25,765	82	89	18 538	2 990,038	11 201,268	3,746	3,284
33	40	97 679	46 871,724	1 210 581,207	25,828	25,366	83	90	15 030	2 370,778	8 211,230	3,464	3,002
34	41	97 549	45 779,176	1 163 709,483	25,420	24,958	84	91	11 806	1 821,281	5 840,452	3,207	2,745
35	42	97 409	44 707,555	1 117 930,307	25,005	24,543	85	92	8 965	1 352,568	4 019,171	2,972	2,509
36	43	97 256	43 655,507	1 073 222,752	24,584	24,122	86	93	6 538	964,719	2 666,602	2,764	2,302
37	44	97 084	42 618,960	1 029 567,245	24,157	23,695	87	94	4 576	660,338	1 701,883	2,577	2,115
38	45	96 895	41 600,171	986 948,285	23,725	23,263	88	95	3 071	433,413	1 041,545	2,403	1,941
39	46	96 692	40 599,707	945 348,115	23,285	22,823	89	96	1 954	269,722	608,132	2,255	1,793
40	47	96 466	39 613,504	904 748,407	22,839	22,377	90	97	1 176	158,704	338,410	2,132	1,670
41	48	96 222	38 643,590	865 134,904	22,388	21,926	91	98	677	89,390	179,706	2,010	1,548
42	49	95 936	37 681,159	826 491,314	21,934	21,472	92	99	369	47,586	90,316	1,898	1,436
43	50	95 639	36 737,885	788 810,155	21,471	21,009	93	100	188	23,720	42,730	1,801	1,339
44	51	95 311	35 806,032	752 072,269	21,004	20,542							
45	52	94 948	34 884,819	716 266,238	20,532	20,070							
46	53	94 561	33 977,997	681 381,419	20,054	19,592							
47	54	94 132	33 079,576	647 403,422	19,571	19,109							
48	55	93 654	32 187,335	614 323,846	19,086	18,624							
49	56	93 117	31 298,725	582 136,512	18,599	18,137							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	3 536 230,794	35,491	35,029	50	58	92 182	30 302,644	540 080,789	17,823	17,361
1	9	99 293	97 108,171	3 436 593,162	35,389	34,927	51	59	91 502	29 417,317	509 778,146	17,329	16,867
2	10	99 264	94 943,317	3 339 484,991	35,173	34,711	52	60	90 752	28 534,198	480 360,829	16,835	16,373
3	11	99 245	92 836,587	3 244 541,674	34,949	34,487	53	61	89 926	27 652,295	451 826,631	16,340	15,878
4	12	99 226	90 775,984	3 151 705,087	34,720	34,258	54	62	89 020	26 771,346	424 174,335	15,844	15,382
5	13	99 208	88 762,729	3 060 929,103	34,484	34,022	55	63	88 032	25 891,633	397 402,990	15,349	14,887
6	14	99 191	86 794,765	2 972 166,374	34,244	33,782	56	64	86 940	25 007,683	371 511,357	14,856	14,394
7	15	99 173	84 869,382	2 885 371,610	33,998	33,536	57	65	85 749	24 122,432	346 503,673	14,364	13,902
8	16	99 152	82 984,166	2 800 502,228	33,747	33,285	58	66	84 461	23 237,119	322 381,241	13,874	13,412
9	17	99 132	81 141,553	2 717 518,062	33,491	33,029	59	67	83 074	22 352,767	299 144,123	13,383	12,921
10	18	99 111	79 339,385	2 636 376,508	33,229	32,767	60	68	81 582	21 468,138	276 791,356	12,893	12,431
11	19	99 088	77 575,158	2 557 037,124	32,962	32,500	61	69	79 978	20 582,942	255 323,218	12,405	11,943
12	20	99 064	75 850,412	2 479 461,966	32,689	32,227	62	70	78 217	19 686,816	234 740,276	11,924	11,462
13	21	99 039	74 162,624	2 403 611,554	32,410	31,948	63	71	76 327	18 788,490	215 053,460	11,446	10,984
14	22	99 013	72 511,629	2 329 448,929	32,125	31,663	64	72	74 298	17 886,455	196 264,970	10,973	10,511
15	23	98 985	70 895,361	2 256 937,300	31,835	31,373	65	73	72 153	16 987,848	178 378,515	10,500	10,038
16	24	98 953	69 313,202	2 186 041,939	31,539	31,077	66	74	69 856	16 085,189	161 390,666	10,033	9,571
17	25	98 914	67 761,339	2 116 728,737	31,238	30,776	67	75	67 433	15 185,583	145 305,477	9,569	9,107
18	26	98 869	66 239,707	2 048 967,398	30,933	30,471	68	76	64 882	14 289,501	130 119,894	9,106	8,644
19	27	98 813	64 745,561	1 982 727,691	30,623	30,161	69	77	62 199	13 397,161	115 830,393	8,646	8,184
20	28	98 752	63 282,012	1 917 982,130	30,308	29,846	70	78	59 430	12 519,087	102 433,232	8,182	7,720
21	29	98 688	61 849,240	1 854 700,115	29,987	29,525	71	79	56 512	11 642,371	89 914,145	7,723	7,261
22	30	98 624	60 448,869	1 792 850,875	29,659	29,197	72	80	53 405	10 760,194	78 271,773	7,274	6,812
23	31	98 554	59 077,203	1 732 402,006	29,324	28,862	73	81	50 167	9 885,506	67 511,579	6,829	6,367
24	32	98 481	57 734,341	1 673 324,803	28,983	28,521	74	82	46 752	9 009,779	57 626,073	6,396	5,934
25	33	98 403	56 419,081	1 615 590,461	28,636	28,174	75	83	43 165	8 135,499	48 616,294	5,976	5,514
26	34	98 325	55 133,899	1 559 171,380	28,280	27,818	76	84	39 386	7 259,930	40 480,795	5,576	5,114
27	35	98 244	53 876,345	1 504 037,481	27,916	27,454	77	85	35 493	6 398,347	33 220,866	5,192	4,730
28	36	98 154	52 642,512	1 450 161,136	27,547	27,085	78	86	31 554	5 563,035	26 822,519	4,822	4,360
29	37	98 062	51 435,768	1 397 518,624	27,170	26,708	79	87	27 572	4 754,096	21 259,484	4,472	4,010
30	38	97 964	50 253,725	1 346 082,856	26,786	26,324	80	88	23 611	3 981,513	16 505,389	4,146	3,683
31	39	97 858	49 094,723	1 295 829,131	26,394	25,932	81	89	19 768	3 260,095	12 523,876	3,842	3,380
32	40	97 739	47 955,634	1 246 734,408	25,998	25,536	82	90	16 150	2 604,902	9 263,781	3,556	3,094
33	41	97 617	46 842,049	1 198 778,774	25,592	25,130	83	91	12 818	2 021,996	6 658,879	3,293	2,831
34	42	97 477	45 745,623	1 151 936,725	25,181	24,719	84	92	9 847	1 519,079	4 636,883	3,052	2,590
35	43	97 330	44 671,482	1 106 191,103	24,763	24,301	85	93	7 280	1 098,359	3 117,803	2,839	2,377
36	44	97 169	43 616,405	1 061 519,620	24,338	23,876	86	94	5 169	762,650	2 019,444	2,648	2,186
37	45	96 992	42 578,649	1 017 903,215	23,906	23,444	87	95	3 526	508,819	1 256,794	2,470	2,008
38	46	96 791	41 555,423	975 324,566	23,470	23,008	88	96	2 290	323,217	747,975	2,314	1,852
39	47	96 578	40 551,630	933 769,143	23,027	22,565	89	97	1 408	194,385	424,758	2,185	1,723
40	48	96 341	39 562,031	893 217,514	22,578	22,116	90	98	829	111,928	230,373	2,058	1,596
41	49	96 076	38 584,963	853 655,483	22,124	21,662	91	99	461	60,873	118,446	1,946	1,484
42	50	95 775	37 617,702	815 070,520	21,667	21,205	92	100	242	31,252	57,573	1,842	1,380
43	51	95 463	36 670,144	777 452,818	21,201	20,739							
44	52	95 113	35 731,680	740 782,673	20,732	20,270							
45	53	94 739	34 807,918	705 050,993	20,255	19,793							
46	54	94 326	33 893,780	670 243,075	19,775	19,313							
47	55	93 872	32 988,466	636 349,295	19,290	18,828							
48	56	93 362	32 087,155	603 360,830	18,804	18,342							
49	57	92 802	31 192,885	571 273,675	18,314	17,852							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	3 523 268,397	35,363	34,901	50	59	91 797	30 176,173	528 769,698	17,523	17,061
1	10	99 288	97 103,009	3 423 637,946	35,258	34,796	51	60	91 078	29 280,983	498 593,525	17,028	16,566
2	11	99 258	94 938,039	3 326 534,937	35,039	34,577	52	61	90 287	28 387,909	469 312,542	16,532	16,070
3	12	99 237	92 829,448	3 231 596,898	34,812	34,350	53	62	89 424	27 497,825	440 924,633	16,035	15,573
4	13	99 219	90 770,247	3 138 767,451	34,579	34,117	54	63	88 475	26 607,454	413 426,808	15,538	15,076
5	14	99 200	88 755,713	3 047 997,204	34,341	33,879	55	64	87 437	25 716,600	386 819,354	15,042	14,580
6	15	99 182	86 786,758	2 959 241,491	34,098	33,636	56	65	86 296	24 822,407	361 102,754	14,547	14,085
7	16	99 162	84 859,557	2 872 454,733	33,850	33,387	57	66	85 062	23 929,122	336 280,347	14,053	13,591
8	17	99 139	82 973,557	2 787 595,176	33,596	33,134	58	67	83 721	23 033,613	312 351,225	13,561	13,099
9	18	99 119	81 131,033	2 704 621,619	33,336	32,874	59	68	82 297	22 143,591	289 317,612	13,066	12,604
10	19	99 095	79 326,506	2 623 490,586	33,072	32,610	60	69	80 749	21 249,078	267 174,021	12,573	12,111
11	20	99 071	77 562,407	2 544 164,080	32,802	32,339	61	70	79 054	20 345,286	245 924,943	12,088	11,626
12	21	99 048	75 837,997	2 466 601,673	32,525	32,063	62	71	77 235	19 439,712	225 579,658	11,604	11,142
13	22	99 023	74 150,032	2 390 763,676	32,242	31,780	63	72	75 273	18 528,936	206 139,945	11,125	10,663
14	23	98 997	72 499,464	2 316 613,644	31,954	31,492	64	73	73 187	17 619,090	187 611,009	10,648	10,186
15	24	98 968	70 883,766	2 244 114,180	31,659	31,197	65	74	70 945	16 703,539	169 991,919	10,177	9,715
16	25	98 937	69 301,816	2 173 230,414	31,359	30,897	66	75	68 585	15 792,565	153 288,388	9,706	9,244
17	26	98 895	67 748,165	2 103 928,598	31,055	30,593	67	76	66 076	14 880,050	137 495,815	9,240	8,778
18	27	98 851	66 227,901	2 036 180,434	30,745	30,283	68	77	63 445	13 973,006	122 615,765	8,775	8,313
19	28	98 792	64 731,981	1 969 952,533	30,432	29,970	69	78	60 710	13 076,454	108 642,759	8,308	7,846
20	29	98 729	63 266,954	1 905 220,552	30,114	29,652	70	79	57 813	12 178,474	95 566,305	7,847	7,385
21	30	98 664	61 833,978	1 841 953,598	29,789	29,327	71	80	54 770	11 283,689	83 387,831	7,390	6,928
22	31	98 596	60 431,775	1 780 119,620	29,457	28,995	72	81	51 522	10 380,773	72 104,142	6,946	6,484
23	32	98 523	59 058,180	1 719 687,845	29,119	28,657	73	82	48 140	9 485,981	61 723,369	6,507	6,045
24	33	98 448	57 714,948	1 660 629,665	28,773	28,311	74	83	44 554	8 586,299	52 237,388	6,084	5,622
25	34	98 369	56 399,322	1 602 914,717	28,421	27,959	75	84	40 783	7 686,453	43 651,090	5,679	5,217
26	35	98 288	55 112,849	1 546 515,395	28,061	27,599	76	85	36 874	6 796,833	35 964,637	5,291	4,829
27	36	98 198	53 851,188	1 491 402,546	27,695	27,233	77	86	32 877	5 926,828	29 167,804	4,921	4,459
28	37	98 108	52 617,409	1 437 551,358	27,321	26,859	78	87	28 863	5 088,627	23 240,975	4,567	4,105
29	38	98 013	51 409,796	1 384 933,949	26,939	26,477	79	88	24 840	4 282,990	18 152,348	4,238	3,776
30	39	97 910	50 225,879	1 333 524,153	26,551	26,089	80	89	20 936	3 530,391	13 869,358	3,929	3,467
31	40	97 795	49 062,780	1 283 298,274	26,156	25,694	81	90	17 222	2 840,174	10 338,967	3,640	3,178
32	41	97 677	47 925,272	1 234 235,494	25,753	25,291	82	91	13 774	2 221,677	7 498,793	3,375	2,913
33	42	97 545	46 807,716	1 186 310,221	25,344	24,882	83	92	10 692	1 686,490	5 277,116	3,129	2,667
34	43	97 398	45 708,713	1 139 502,505	24,930	24,468	84	93	7 996	1 233,575	3 590,626	2,911	2,449
35	44	97 243	44 631,470	1 093 793,793	24,507	24,045	85	94	5 755	868,298	2 357,051	2,715	2,253
36	45	97 077	43 575,150	1 049 162,322	24,077	23,615	86	95	3 983	587,655	1 488,753	2,533	2,071
37	46	96 887	42 532,849	1 005 587,172	23,643	23,181	87	96	2 629	379,450	901,098	2,375	1,913
38	47	96 676	41 506,213	963 054,323	23,203	22,741	88	97	1 650	232,938	521,648	2,239	1,777
39	48	96 452	40 498,938	921 548,110	22,755	22,293	89	98	993	137,092	288,710	2,106	1,644
40	49	96 195	39 502,011	881 049,172	22,304	21,842	90	99	565	76,220	151,618	1,989	1,527
41	50	95 914	38 519,983	841 547,161	21,847	21,385	91	100	303	39,978	75,398	1,886	1,424
42	51	95 598	37 548,339	803 027,177	21,386	20,924							
43	52	95 265	36 593,999	765 478,839	20,918	20,456							
44	53	94 903	35 652,912	728 884,840	20,444	19,982							
45	54	94 504	34 721,644	693 231,928	19,965	19,503							
46	55	94 066	33 800,427	658 510,284	19,482	19,020							
47	56	93 580	32 885,793	624 709,857	18,996	18,534							
48	57	93 046	31 978,650	591 824,064	18,507	18,045							
49	58	92 454	31 075,716	559 845,414	18,016	17,554							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	3 509 598,283	35,228	34,766	50	60	91 372	30 036,323	516 912,457	17,210	16,748
1	11	99 282	97 097,611	3 409 973,127	35,119	34,657	51	61	90 611	29 130,865	486 876,134	16,713	16,251
2	12	99 251	94 930,738	3 312 875,516	34,898	34,436	52	62	89 783	28 229,329	457 745,269	16,215	15,753
3	13	99 231	92 823,581	3 217 944,779	34,667	34,205	53	63	88 877	27 329,485	429 515,940	15,716	15,254
4	14	99 212	90 763,073	3 125 121,198	34,432	33,970	54	64	87 877	26 427,582	402 186,455	15,218	14,756
5	15	99 191	88 747,525	3 034 358,125	34,191	33,729	55	65	86 789	25 526,071	375 758,872	14,721	14,259
6	16	99 171	86 776,710	2 945 610,600	33,945	33,483	56	66	85 604	24 623,487	350 232,801	14,224	13,762
7	17	99 149	84 848,708	2 858 833,889	33,693	33,231	57	67	84 317	23 719,557	325 609,314	13,727	13,265
8	18	99 127	82 962,800	2 773 985,181	33,436	32,974	58	68	82 938	22 818,066	301 889,757	13,230	12,768
9	19	99 103	81 117,864	2 691 022,382	33,174	32,712	59	69	81 457	21 917,638	279 071,691	12,733	12,271
10	20	99 079	79 313,467	2 609 904,518	32,906	32,444	60	70	79 817	21 003,729	257 154,052	12,243	11,781
11	21	99 055	77 549,712	2 530 591,050	32,632	32,170	61	71	78 062	20 089,916	236 150,323	11,755	11,293
12	22	99 031	75 825,120	2 453 041,339	32,351	31,889	62	72	76 168	19 171,162	216 060,406	11,270	10,808
13	23	99 006	74 137,591	2 377 216,219	32,065	31,603	63	73	74 148	18 251,968	196 889,244	10,787	10,325
14	24	98 981	72 487,606	2 303 078,628	31,772	31,310	64	74	71 962	17 324,216	178 637,276	10,311	9,849
15	25	98 952	70 872,122	2 230 591,022	31,473	31,011	65	75	69 655	16 399,666	161 313,060	9,836	9,374
16	26	98 918	69 288,343	2 159 718,900	31,170	30,708	66	76	67 205	15 474,819	144 913,394	9,364	8,902
17	27	98 877	67 736,089	2 090 430,558	30,861	30,399	67	77	64 613	14 550,474	129 438,575	8,896	8,434
18	28	98 830	66 214,010	2 022 694,468	30,548	30,086	68	78	61 926	13 638,514	114 888,101	8,424	7,962
19	29	98 769	64 716,575	1 956 480,459	30,232	29,770	69	79	59 058	12 720,677	101 249,587	7,959	7,497
20	30	98 704	63 251,342	1 891 763,883	29,909	29,447	70	80	56 032	11 803,275	88 528,910	7,500	7,038
21	31	98 636	61 816,492	1 828 512,541	29,580	29,118	71	81	52 839	10 885,809	76 725,635	7,048	6,586
22	32	98 564	60 412,316	1 766 696,049	29,244	28,782	72	82	49 439	9 961,231	65 839,826	6,610	6,148
23	33	98 490	59 038,342	1 706 283,734	28,901	28,439	73	83	45 877	9 040,118	55 878,595	6,181	5,719
24	34	98 414	57 694,735	1 647 245,392	28,551	28,089	74	84	42 095	8 112,371	46 838,477	5,774	5,312
25	35	98 331	56 377,789	1 589 550,657	28,195	27,733	75	85	38 181	7 196,149	38 726,107	5,382	4,919
26	36	98 242	55 087,115	1 533 172,868	27,832	27,370	76	86	34 156	6 295,949	31 529,957	5,008	4,546
27	37	98 152	53 825,509	1 478 085,753	27,461	26,999	77	87	30 074	5 421,397	25 234,008	4,655	4,193
28	38	98 058	52 590,841	1 424 260,245	27,082	26,620	78	88	26 003	4 584,371	19 812,611	4,322	3,860
29	39	97 958	51 381,310	1 371 669,404	26,696	26,234	79	89	22 025	3 797,710	15 228,240	4,010	3,548
30	40	97 846	50 193,200	1 320 288,094	26,304	25,842	80	90	18 239	3 075,655	11 430,530	3,716	3,254
31	41	97 733	49 031,717	1 270 094,894	25,904	25,442	81	91	14 688	2 422,336	8 354,875	3,449	2,987
32	42	97 605	47 890,146	1 221 063,177	25,497	25,035	82	92	11 489	1 853,038	5 932,539	3,202	2,740
33	43	97 467	46 769,949	1 173 173,031	25,084	24,622	83	93	8 682	1 369,521	4 079,501	2,979	2,517
34	44	97 311	45 667,772	1 126 403,082	24,665	24,203	84	94	6 321	975,192	2 709,980	2,779	2,317
35	45	97 151	44 589,256	1 080 735,311	24,238	23,776	85	95	4 435	669,061	1 734,788	2,593	2,131
36	46	96 973	43 528,278	1 036 146,055	23,804	23,342	86	96	2 970	438,242	1 065,727	2,432	1,970
37	47	96 773	42 482,482	992 617,777	23,365	22,903	87	97	1 895	273,465	627,485	2,295	1,833
38	48	96 550	41 452,282	950 135,295	22,921	22,459	88	98	1 164	164,282	354,020	2,155	1,693
39	49	96 306	40 437,497	908 683,013	22,471	22,009	89	99	676	93,356	189,738	2,032	1,570
40	50	96 033	39 435,487	868 245,517	22,017	21,555	90	100	371	50,057	96,382	1,925	1,463
41	51	95 737	38 448,956	828 810,029	21,556	21,094							
42	52	95 400	37 470,369	790 361,073	21,093	20,631							
43	53	95 055	36 513,330	752 890,704	20,620	20,158							
44	54	94 668	35 564,544	716 377,374	20,143	19,681							
45	55	94 244	34 626,011	680 812,830	19,662	19,200							
46	56	93 774	33 695,227	646 186,819	19,177	18,715							
47	57	93 264	32 774,587	612 491,592	18,688	18,226							
48	58	92 697	31 858,529	579 717,005	18,197	17,735							
49	59	92 068	30 946,019	547 858,476	17,704	17,242							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	3 495 211,845	35,086	34,624	50	61	90 903	29 882,332	504 519,960	16,884	16,422
1	12	99 275	97 090,144	3 395 592,228	34,974	34,512	51	62	90 105	28 968,135	474 637,627	16,385	15,923
2	13	99 244	94 924,739	3 298 502,084	34,749	34,287	52	63	89 233	28 056,511	445 669,492	15,885	15,423
3	14	99 223	92 816,244	3 203 577,346	34,515	34,053	53	64	88 276	27 144,733	417 612,981	15,385	14,923
4	15	99 202	90 754,700	3 110 761,101	34,277	33,815	54	65	87 226	26 231,786	390 468,248	14,885	14,423
5	16	99 180	88 737,251	3 020 006,402	34,033	33,571	55	66	86 094	25 321,513	364 236,462	14,384	13,922
6	17	99 158	86 765,617	2 931 269,151	33,784	33,322	56	67	84 855	24 407,841	338 914,949	13,885	13,423
7	18	99 136	84 837,707	2 844 503,534	33,529	33,067	57	68	83 528	23 497,591	314 507,108	13,385	12,923
8	19	99 110	82 949,333	2 759 665,827	33,269	32,807	58	69	82 091	22 585,232	290 207,518	12,885	12,423
9	20	99 087	81 104,531	2 676 716,494	33,003	32,541	59	70	80 517	21 664,571	268 424,286	12,390	11,928
10	21	99 062	79 300,485	2 595 611,963	32,731	32,269	60	71	78 815	20 740,096	246 759,715	11,898	11,436
11	22	99 038	77 536,544	2 516 311,478	32,453	31,991	61	72	76 984	19 812,384	226 019,620	11,408	10,946
12	23	99 015	75 812,333	2 438 774,934	32,169	31,707	62	73	75 030	18 884,594	206 207,235	10,919	10,457
13	24	98 990	74 125,465	2 362 962,536	31,878	31,416	63	74	72 907	17 946,502	187 322,642	10,438	9,976
14	25	98 964	72 475,698	2 288 837,071	31,581	31,119	64	75	70 653	17 009,052	169 376,140	9,958	9,496
15	26	98 933	70 858,343	2 216 361,373	31,279	30,817	65	76	68 253	16 069,705	152 367,088	9,487	9,020
16	27	98 900	69 275,993	2 145 503,029	30,970	30,508	66	77	65 717	15 132,070	136 297,382	9,002	8,545
17	28	98 857	67 721,882	2 076 227,037	30,658	30,196	67	78	63 066	14 202,158	121 165,312	8,531	8,069
18	29	98 807	66 198,251	2 008 505,155	30,341	29,879	68	79	60 241	13 267,444	106 963,154	8,062	7,600
19	30	98 744	64 700,606	1 942 306,903	30,020	29,558	69	80	57 239	12 328,773	93 695,710	7,600	7,138
20	31	98 676	63 233,456	1 877 606,298	29,693	29,231	70	81	54 056	11 387,074	81 366,937	7,146	6,684
21	32	98 604	61 796,587	1 814 372,842	29,360	28,898	71	82	50 704	10 445,856	69 979,863	6,699	6,237
22	33	98 531	60 392,023	1 752 576,255	29,020	28,558	72	83	47 115	9 493,031	59 534,007	6,271	5,809
23	34	98 455	59 017,665	1 692 184,233	28,673	28,210	73	84	43 345	8 541,141	50 040,977	5,859	5,397
24	35	98 376	57 672,707	1 633 166,567	28,318	27,856	74	85	39 410	7 594,899	41 499,836	5,464	5,002
25	36	98 285	56 351,464	1 575 493,860	27,958	27,496	75	86	35 367	6 665,838	33 904,937	5,086	4,624
26	37	98 195	55 060,846	1 519 142,396	27,590	27,128	76	87	31 244	5 759,040	27 239,099	4,730	4,268
27	38	98 102	53 798,330	1 464 081,550	27,214	26,752	77	88	27 094	4 884,165	21 480,059	4,398	3,936
28	39	98 004	52 561,700	1 410 283,220	26,831	26,369	78	89	23 056	4 064,943	16 595,894	4,083	3,621
29	40	97 895	51 347,879	1 357 721,520	26,442	25,980	79	90	19 188	3 308,541	12 530,951	3,787	3,325
30	41	97 784	50 161,421	1 306 373,641	26,043	25,581	80	91	15 556	2 623,174	9 222,410	3,516	3,054
31	42	97 661	48 995,780	1 256 212,220	25,639	25,177	81	92	12 251	2 020,402	6 599,236	3,266	2,804
32	43	97 526	47 851,505	1 207 216,440	25,228	24,766	82	93	9 330	1 504,767	4 578,834	3,043	2,581
33	44	97 379	46 728,058	1 159 364,935	24,811	24,349	83	94	6 864	1 082,663	3 074,066	2,839	2,377
34	45	97 219	45 624,577	1 112 636,877	24,387	23,925	84	95	4 871	751,428	1 991,403	2,650	2,188
35	46	97 046	44 541,293	1 067 012,301	23,956	23,494	85	96	3 307	498,950	1 239,976	2,485	2,023
36	47	96 858	43 476,732	1 022 471,008	23,518	23,056	86	97	2 140	315,835	741,026	2,346	1,884
37	48	96 647	42 427,281	978 994,275	23,075	22,613	87	98	1 336	192,864	425,190	2,205	1,743
38	49	96 404	41 389,394	936 566,994	22,628	22,166	88	99	793	111,872	232,327	2,077	1,615
39	50	96 144	40 369,397	895 177,600	22,175	21,713	89	100	444	61,311	120,455	1,965	1,503
40	51	95 856	39 362,772	854 808,203	21,716	21,254							
41	52	95 538	38 369,117	815 445,431	21,253	20,791							
42	53	95 189	37 387,769	777 076,314	20,784	20,322							
43	54	94 819	36 422,829	739 688,545	20,308	19,846							
44	55	94 407	35 466,589	703 265,716	19,829	19,367							
45	56	93 950	34 518,242	667 799,127	19,346	18,884							
46	57	93 457	33 581,284	633 280,885	18,858	18,396							
47	58	92 913	32 651,476	599 699,601	18,367	17,905							
48	59	92 310	31 725,565	567 048,125	17,874	17,412							
49	60	91 641	30 802,601	535 322,560	17,379	16,917							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	3 480 103,677	34,937	34,475	50	62	90 396	29 715,404	491 605,368	16,544	16,082
1	13	99 268	97 084,008	3 380 491,721	34,820	34,358	51	63	89 554	28 790,794	461 889,964	16,043	15,581
2	14	99 237	94 917,236	3 283 407,713	34,592	34,130	52	64	88 630	27 866,844	433 099,169	15,542	15,080
3	15	99 214	92 807,682	3 188 490,478	34,356	33,894	53	65	87 622	26 943,623	405 232,325	15,040	14,578
4	16	99 191	90 744,193	3 095 682,796	34,114	33,652	54	66	86 527	26 021,572	378 288,702	14,538	14,075
5	17	99 167	88 725,907	3 004 938,603	33,868	33,406	55	67	85 340	25 099,753	352 267,130	14,035	13,573
6	18	99 145	86 754,367	2 916 212,696	33,615	33,153	56	68	84 060	24 179,434	327 167,376	13,531	13,069
7	19	99 120	84 823,936	2 829 458,329	33,357	32,895	57	69	82 676	23 257,822	302 987,942	13,027	12,565
8	20	99 094	82 935,699	2 744 634,392	33,094	32,632	58	70	81 143	22 324,456	279 730,120	12,530	12,068
9	21	99 070	81 091,255	2 661 698,694	32,823	32,361	59	71	79 506	21 392,642	257 405,665	12,032	11,570
10	22	99 046	79 287,020	2 580 607,438	32,548	32,086	60	72	77 726	20 453,582	236 013,022	11,539	11,077
11	23	99 022	77 523,535	2 501 320,418	32,265	31,803	61	73	75 833	19 516,231	215 559,441	11,045	10,583
12	24	98 999	75 799,998	2 423 796,883	31,976	31,514	62	74	73 774	18 568,540	196 043,210	10,558	10,096
13	25	98 974	74 113,289	2 347 996,885	31,681	31,219	63	75	71 581	17 620,017	177 474,670	10,072	9,610
14	26	98 945	72 461,608	2 273 883,596	31,381	30,919	64	76	69 232	16 666,830	159 854,652	9,591	9,129
15	27	98 915	70 845,714	2 201 421,988	31,073	30,611	65	77	66 742	15 713,780	143 187,822	9,112	8,650
16	28	98 879	69 261,462	2 130 576,275	30,761	30,299	66	78	64 144	14 769,832	127 474,042	8,631	8,169
17	29	98 833	67 705,765	2 061 314,812	30,445	29,983	67	79	61 350	13 815,753	112 704,210	8,158	7,696
18	30	98 782	66 181,916	1 993 609,047	30,123	29,661	68	80	58 385	12 858,695	98 888,457	7,690	7,228
19	31	98 716	64 682,309	1 927 427,132	29,798	29,336	69	81	55 220	11 894,042	86 029,761	7,233	6,771
20	32	98 645	63 213,094	1 862 744,822	29,468	29,006	70	82	51 871	10 926,862	74 135,719	6,785	6,323
21	33	98 571	61 775,829	1 799 531,728	29,130	28,668	71	83	48 320	9 954,877	63 208,857	6,350	5,888
22	34	98 496	60 370,872	1 737 755,899	28,785	28,323	72	84	44 515	8 969,054	53 253,981	5,938	5,476
23	35	98 418	58 995,132	1 677 385,028	28,433	27,971	73	85	40 580	7 996,318	44 284,926	5,538	5,076
24	36	98 330	57 645,778	1 618 389,895	28,075	27,613	74	86	36 506	7 035,202	36 288,608	5,158	4,696
25	37	98 238	56 324,593	1 560 744,117	27,710	27,248	75	87	32 351	6 097,385	29 253,406	4,798	4,336
26	38	98 145	55 033,044	1 504 419,525	27,337	26,875	76	88	28 148	5 188,349	23 156,020	4,463	4,001
27	39	98 048	53 768,520	1 449 386,481	26,956	26,494	77	89	24 024	4 330,770	17 967,671	4,149	3,687
28	40	97 940	52 527,501	1 395 617,961	26,569	26,107	78	90	20 087	3 541,353	13 636,902	3,851	3,389
29	41	97 833	51 315,369	1 343 090,459	26,173	25,711	79	91	16 365	2 821,798	10 095,548	3,578	3,116
30	42	97 713	50 124,656	1 291 775,091	25,771	25,309	80	92	12 975	2 187,915	7 273,750	3,325	2,862
31	43	97 582	48 956,247	1 241 650,435	25,362	24,900	81	93	9 948	1 640,676	5 085,835	3,100	2,638
32	44	97 439	47 808,645	1 192 694,188	24,947	24,485	82	94	7 375	1 189,581	3 445,159	2,896	2,434
33	45	97 287	46 683,860	1 144 885,543	24,524	24,062	83	95	5 289	834,239	2 255,578	2,704	2,242
34	46	97 115	45 575,500	1 098 201,683	24,096	23,634	84	96	3 632	560,374	1 421,339	2,536	2,074
35	47	96 931	44 488,547	1 052 626,183	23,661	23,199	85	97	2 383	359,587	860,965	2,394	1,932
36	48	96 732	43 420,240	1 008 137,635	23,218	22,756	86	98	1 510	222,746	501,378	2,251	1,789
37	49	96 500	42 362,915	964 717,395	22,773	22,311	87	99	910	131,336	278,632	2,122	1,660
38	50	96 242	41 319,691	922 354,481	22,322	21,860	88	100	521	73,471	147,296	2,005	1,543
39	51	95 967	40 294,960	881 034,789	21,865	21,403							
40	52	95 657	39 281,035	840 739,829	21,403	20,941							
41	53	95 328	38 284,535	801 458,794	20,934	20,472							
42	54	94 954	37 295,100	763 174,259	20,463	20,001							
43	55	94 558	36 322,510	725 879,158	19,984	19,522							
44	56	94 113	35 356,204	689 556,648	19,503	19,041							
45	57	93 633	34 401,515	654 200,444	19,017	18,555							
46	58	93 106	33 455,143	619 798,929	18,526	18,064							
47	59	92 526	32 515,202	586 343,786	18,033	17,571							
48	60	91 882	31 578,534	553 828,583	17,538	17,076							
49	61	91 171	30 644,682	522 250,050	17,042	16,580							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	3 464 271,086	34,780	34,318	50	63	89 842	29 533,489	478 181,832	16,191	15,729
1	14	99 261	97 076,334	3 364 665,425	34,660	34,198	51	64	88 948	28 596,163	448 648,343	15,689	15,227
2	15	99 227	94 908,480	3 267 589,091	34,429	33,967	52	65	87 973	27 660,384	420 052,180	15,186	14,724
3	16	99 203	92 796,937	3 172 680,611	34,189	33,727	53	66	86 920	26 727,705	392 391,796	14,681	14,219
4	17	99 178	90 732,592	3 079 883,674	33,945	33,483	54	67	85 769	25 793,682	365 664,091	14,176	13,714
5	18	99 154	88 714,403	2 989 151,082	33,694	33,232	55	68	84 541	24 864,872	339 870,409	13,669	13,207
6	19	99 129	86 740,285	2 900 436,679	33,438	32,976	56	69	83 203	23 932,708	315 005,538	13,162	12,700
7	20	99 104	84 809,994	2 813 696,393	33,176	32,714	57	70	81 721	22 989,280	291 072,830	12,661	12,199
8	21	99 078	82 922,124	2 728 886,399	32,909	32,447	58	71	80 125	22 044,244	268 683,550	12,161	11,699
9	22	99 054	81 077,486	2 645 964,276	32,635	32,173	59	72	78 408	21 097,114	246 039,305	11,662	11,200
10	23	99 029	79 273,718	2 564 886,789	32,355	31,893	60	73	76 565	20 147,844	224 942,191	11,165	10,703
11	24	99 005	77 510,855	2 485 613,072	32,068	31,606	61	74	74 564	19 189,606	204 794,348	10,672	10,210
12	25	98 982	75 787,547	2 408 102,216	31,774	31,312	62	75	72 432	18 230,739	185 604,742	10,181	9,719
13	26	98 954	74 098,880	2 332 314,669	31,476	31,014	63	76	70 140	17 265,503	167 374,002	9,694	9,232
14	27	98 927	72 448,692	2 258 215,790	31,170	30,708	64	77	67 698	16 297,679	150 108,499	9,210	8,748
15	28	98 895	70 830,854	2 185 767,097	30,859	30,397	65	78	65 144	15 337,617	133 810,820	8,724	8,262
16	29	98 856	69 244,979	2 114 936,243	30,543	30,081	66	79	62 399	14 367,982	118 473,203	8,246	7,784
17	30	98 809	67 689,057	2 045 691,265	30,222	29,760	67	80	59 460	13 390,112	104 105,221	7,775	7,313
18	31	98 754	66 163,201	1 978 002,207	29,896	29,434	68	81	56 326	12 405,278	90 715,109	7,313	6,851
19	32	98 684	64 661,481	1 911 839,007	29,567	29,105	69	82	52 989	11 413,341	78 309,831	6,861	6,399
20	33	98 611	63 191,860	1 847 177,525	29,231	28,769	70	83	49 433	10 413,274	66 896,490	6,424	5,962
21	34	98 536	61 754,193	1 783 985,665	28,888	28,426	71	84	45 653	9 405,409	56 483,215	6,005	5,543
22	35	98 459	60 347,823	1 722 231,472	28,538	28,076	72	85	41 675	8 396,936	47 077,807	5,607	5,145
23	36	98 372	58 967,585	1 661 883,649	28,183	27,721	73	86	37 590	7 407,040	38 680,870	5,222	4,760
24	37	98 283	57 618,289	1 602 916,064	27,820	27,358	74	87	33 393	6 435,251	31 273,831	4,860	4,398
25	38	98 189	56 296,152	1 545 297,775	27,449	26,987	75	88	29 145	5 493,166	24 838,580	4,522	4,060
26	39	98 091	55 002,550	1 489 001,622	27,072	26,609	76	89	24 958	4 600,488	19 345,414	4,205	3,743
27	40	97 984	53 733,536	1 433 999,073	26,687	26,225	77	90	20 929	3 772,940	14 744,925	3,908	3,446
28	41	97 878	52 494,245	1 380 265,537	26,294	25,832	78	91	17 132	3 020,360	10 971,986	3,633	3,171
29	42	97 761	51 277,758	1 327 771,292	25,894	25,432	79	92	13 650	2 353,582	7 951,626	3,379	2,917
30	43	97 634	50 084,213	1 276 493,534	25,487	25,025	80	93	10 536	1 776,706	5 598,044	3,151	2,689
31	44	97 495	48 912,397	1 226 409,322	25,074	24,612	81	94	7 865	1 297,022	3 821,338	2,946	2,484
32	45	97 347	47 763,425	1 177 496,924	24,653	24,191	82	95	5 683	916,624	2 524,316	2,754	2,292
33	46	97 183	46 633,644	1 129 733,499	24,226	23,764	83	96	3 944	622,131	1 607,692	2,584	2,122
34	47	97 000	45 521,530	1 083 099,856	23,793	23,331	84	97	2 618	403,855	985,561	2,440	1,978
35	48	96 805	44 430,740	1 037 578,325	23,353	22,891	85	98	1 681	253,602	581,707	2,294	1,832
36	49	96 586	43 354,367	993 147,585	22,908	22,446	86	99	1 028	151,685	328,105	2,163	1,701
37	50	96 338	42 291,573	949 793,218	22,458	21,996	87	100	598	86,254	176,420	2,045	1,583
38	51	96 064	41 243,502	907 501,646	22,004	21,541							
39	52	95 767	40 211,288	866 258,143	21,543	21,081							
40	53	95 446	39 194,443	826 046,856	21,076	20,614							
41	54	95 091	38 189,644	786 852,413	20,604	20,142							
42	55	94 692	37 192,379	748 662,769	20,129	19,667							
43	56	94 264	36 209,461	711 470,389	19,649	19,187							
44	57	93 795	35 236,644	675 260,928	19,164	18,702							
45	58	93 281	34 272,293	640 024,285	18,675	18,213							
46	59	92 717	33 315,515	605 751,991	18,182	17,720							
47	60	92 097	32 364,512	572 436,476	17,687	17,225							
48	61	91 411	31 416,637	540 071,964	17,191	16,729							
49	62	90 662	30 473,495	508 655,327	16,692	16,230							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	3 447 708,387	34,616	34,154	50	64	89 235	29 333,837	464 265,566	15,827	15,365
1	15	99 251	97 067,379	3 348 110,600	34,493	34,031	51	65	88 289	28 384,300	434 931,729	15,323	14,861
2	16	99 216	94 897,492	3 251 043,220	34,258	33,796	52	66	87 268	27 438,722	406 547,429	14,817	14,355
3	17	99 190	92 785,074	3 156 145,729	34,016	33,554	53	67	86 158	26 493,630	379 108,706	14,309	13,847
4	18	99 165	90 720,828	3 063 360,654	33,767	33,305	54	68	84 967	25 552,306	352 615,076	13,800	13,338
5	19	99 138	88 700,003	2 972 639,826	33,513	33,051	55	69	83 679	24 611,151	327 062,770	13,289	12,827
6	20	99 113	86 726,028	2 883 939,823	33,253	32,791	56	70	82 242	23 656,374	302 451,619	12,785	12,323
7	21	99 088	84 796,112	2 797 213,795	32,988	32,526	57	71	80 695	22 700,724	278 795,245	12,281	11,819
8	22	99 061	82 908,044	2 712 417,683	32,716	32,254	58	72	79 018	21 739,714	256 094,521	11,780	11,318
9	23	99 037	81 063,883	2 629 509,639	32,437	31,975	59	73	77 236	20 781,756	234 354,807	11,277	10,815
10	24	99 013	79 260,752	2 548 445,756	32,153	31,691	60	74	75 283	19 810,648	213 573,050	10,781	10,319
11	25	98 989	77 498,123	2 469 185,004	31,861	31,399	61	75	73 207	18 840,507	193 762,402	10,284	9,822
12	26	98 963	75 772,813	2 391 686,881	31,564	31,102	62	76	70 975	17 863,937	174 921,895	9,792	9,330
13	27	98 937	74 085,672	2 315 914,069	31,260	30,798	63	77	68 587	16 883,092	157 057,958	9,303	8,841
14	28	98 907	72 433,496	2 241 828,396	30,950	30,488	64	78	66 078	15 907,538	140 174,866	8,812	8,350
15	29	98 871	70 813,997	2 169 394,900	30,635	30,173	65	79	63 371	14 920,319	124 267,327	8,329	7,867
16	30	98 831	69 227,892	2 098 580,903	30,314	29,852	66	80	60 476	13 925,328	109 347,009	7,852	7,390
17	31	98 781	67 669,916	2 029 353,011	29,989	29,527	67	81	57 364	12 917,957	95 421,681	7,387	6,925
18	32	98 723	66 141,896	1 961 683,095	29,659	29,197	68	82	54 050	11 903,915	82 503,724	6,931	6,469
19	33	98 651	64 639,761	1 895 541,199	29,325	28,863	69	83	50 498	10 876,888	70 599,809	6,491	6,029
20	34	98 577	63 169,729	1 830 901,439	28,984	28,522	70	84	46 705	9 838,505	59 722,921	6,070	5,608
21	35	98 499	61 730,616	1 767 731,710	28,636	28,174	71	85	42 741	8 805,456	49 884,416	5,665	5,203
22	36	98 413	60 319,644	1 706 001,094	28,283	27,821	72	86	38 604	7 778,135	41 078,960	5,281	4,819
23	37	98 325	58 939,466	1 645 681,450	27,922	27,460	73	87	34 384	6 775,378	33 300,825	4,915	4,453
24	38	98 234	57 589,195	1 586 741,983	27,553	27,091	74	88	30 084	5 797,551	26 525,447	4,575	4,113
25	39	98 134	56 264,958	1 529 152,788	27,178	26,716	75	89	25 843	4 870,768	20 727,896	4,256	3,794
26	40	98 027	54 966,762	1 472 887,830	26,796	26,334	76	90	21 744	4 007,917	15 857,128	3,956	3,494
27	41	97 922	53 699,516	1 417 921,067	26,405	25,943	77	91	17 850	3 217,876	11 849,211	3,682	3,220
28	42	97 806	52 455,769	1 364 221,551	26,007	25,545	78	92	14 289	2 519,197	8 631,335	3,426	2,964
29	43	97 682	51 236,384	1 311 765,782	25,602	25,140	79	93	11 085	1 911,236	6 112,138	3,198	2,736
30	44	97 546	50 039,352	1 260 529,398	25,191	24,729	80	94	8 329	1 404,559	4 200,902	2,991	2,529
31	45	97 403	48 866,134	1 210 490,046	24,772	24,310	81	95	6 060	999,412	2 796,342	2,798	2,336
32	46	97 242	47 712,048	1 161 623,912	24,347	23,885	82	96	4 238	683,569	1 796,930	2,629	2,167
33	47	97 068	46 578,421	1 113 911,864	23,915	23,453	83	97	2 842	448,362	1 113,362	2,483	2,021
34	48	96 873	45 462,381	1 067 333,443	23,477	23,015	84	98	1 846	284,822	665,000	2,335	1,873
35	49	96 659	44 363,334	1 021 871,062	23,034	22,572	85	99	1 145	172,697	380,178	2,201	1,739
36	50	96 423	43 281,355	977 507,728	22,585	22,123	86	100	675	99,618	207,481	2,083	1,621
37	51	96 160	42 213,591	934 226,373	22,131	21,669							
38	52	95 865	41 157,860	892 012,782	21,673	21,211							
39	53	95 556	40 122,645	850 854,922	21,206	20,744							
40	54	95 209	39 097,297	810 732,277	20,736	20,274							
41	55	94 830	38 084,459	771 634,981	20,261	19,799							
42	56	94 397	37 076,622	733 550,521	19,785	19,323							
43	57	93 945	36 087,016	696 473,899	19,300	18,838							
44	58	93 443	35 104,285	660 386,883	18,812	18,350							
45	59	92 892	34 129,255	625 282,599	18,321	17,859							
46	60	92 287	33 161,116	591 153,343	17,827	17,365							
47	61	91 625	32 198,585	557 992,228	17,330	16,868							
48	62	90 900	31 241,138	525 793,642	16,830	16,368							
49	63	90 107	30 286,939	494 552,505	16,329	15,867							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	3 430 413,170	34,446	33,984	50	65	88 574	29 116,509	449 876,379	15,451	14,989
1	16	99 240	97 056,141	3 330 824,570	34,319	33,857	51	66	87 582	28 156,837	420 759,871	14,943	14,481
2	17	99 203	94 885,360	3 233 768,429	34,081	33,619	52	67	86 504	27 198,421	392 603,034	14,435	13,973
3	18	99 177	92 773,044	3 138 883,069	33,834	33,372	53	68	85 352	26 245,705	365 404,613	13,922	13,460
4	19	99 149	90 706,137	3 046 110,024	33,582	33,120	54	69	84 100	25 291,571	339 158,908	13,410	12,948
5	20	99 122	88 685,424	2 955 403,922	33,325	32,863	55	70	82 712	24 326,984	313 867,337	12,902	12,440
6	21	99 096	86 711,833	2 866 718,498	33,060	32,598	56	71	81 210	23 359,444	289 540,354	12,395	11,933
7	22	99 071	84 781,714	2 780 006,666	32,790	32,328	57	72	79 581	22 387,125	266 180,909	11,890	11,428
8	23	99 044	82 894,134	2 695 224,952	32,514	32,052	58	73	77 837	21 414,751	243 793,784	11,384	10,922
9	24	99 021	81 050,625	2 612 330,818	32,231	31,769	59	74	75 943	20 433,952	222 379,033	10,883	10,421
10	25	98 997	79 247,732	2 531 280,193	31,941	31,479	60	75	73 914	19 450,251	201 945,081	10,383	9,921
11	26	98 970	77 483,056	2 452 032,462	31,646	31,184	61	76	71 734	18 461,436	182 494,830	9,885	9,423
12	27	98 945	75 759,307	2 374 549,406	31,343	30,881	62	77	69 403	17 468,272	164 033,394	9,390	8,928
13	28	98 916	74 070,133	2 298 790,099	31,035	30,573	63	78	66 945	16 478,937	146 565,122	8,894	8,432
14	29	98 883	72 416,258	2 224 719,966	30,721	30,259	64	79	64 280	15 474,734	130 086,185	8,406	7,944
15	30	98 847	70 796,522	2 152 303,708	30,401	29,939	65	80	61 419	14 460,648	114 611,450	7,926	7,464
16	31	98 803	69 208,315	2 081 507,185	30,076	29,614	66	81	58 344	13 434,300	100 150,803	7,455	6,993
17	32	98 749	67 648,126	2 012 298,870	29,747	29,285	67	82	55 045	12 395,874	86 716,503	6,996	6,534
18	33	98 689	66 119,678	1 944 650,744	29,411	28,949	68	83	51 509	11 344,404	74 320,629	6,551	6,089
19	34	98 617	64 617,122	1 878 531,066	29,072	28,610	69	84	47 711	10 276,528	62 976,225	6,128	5,666
20	35	98 539	63 145,611	1 813 913,944	28,726	28,264	70	85	43 726	9 210,926	52 699,697	5,721	5,259
21	36	98 453	61 701,792	1 750 768,333	28,375	27,913	71	86	39 591	8 156,549	43 488,771	5,332	4,870
22	37	98 366	60 290,880	1 689 066,541	28,015	27,553	72	87	35 312	7 114,827	35 332,221	4,966	4,504
23	38	98 275	58 909,706	1 628 775,661	27,649	27,187	73	88	30 977	6 103,974	28 217,395	4,623	4,161
24	39	98 179	57 557,285	1 569 865,955	27,275	26,813	74	89	26 675	5 140,665	22 113,421	4,302	3,840
25	40	98 070	56 228,350	1 512 308,670	26,896	26,434	75	90	22 514	4 243,383	16 972,755	4,000	3,538
26	41	97 965	54 931,962	1 456 080,321	26,507	26,045	76	91	18 545	3 418,284	12 729,372	3,724	3,262
27	42	97 850	53 660,157	1 401 148,359	26,112	25,650	77	92	14 888	2 683,940	9 311,088	3,469	3,007
28	43	97 727	52 413,445	1 347 488,202	25,709	25,247	78	93	11 603	2 045,725	6 627,149	3,240	2,777
29	44	97 595	51 190,492	1 295 074,757	25,299	24,837	79	94	8 763	1 510,911	4 581,424	3,032	2,570
30	45	97 454	49 992,023	1 243 884,265	24,882	24,420	80	95	6 418	1 082,274	3 070,513	2,837	2,375
31	46	97 298	48 813,570	1 193 892,242	24,458	23,996	81	96	4 519	745,308	1 988,239	2,668	2,206
32	47	97 127	47 655,548	1 145 078,672	24,028	23,566	82	97	3 054	492,639	1 242,931	2,523	2,061
33	48	96 941	46 517,898	1 097 423,124	23,591	23,129	83	98	2 005	316,211	750,292	2,373	1,911
34	49	96 727	45 393,409	1 050 905,226	23,151	22,689	84	99	1 257	193,957	434,081	2,238	1,776
35	50	96 496	44 288,623	1 005 511,816	22,704	22,242	85	100	752	113,418	240,124	2,117	1,655
36	51	96 245	43 201,549	961 223,193	22,250	21,788							
37	52	95 960	42 125,934	918 021,644	21,792	21,330							
38	53	95 653	41 067,130	875 895,710	21,328	20,866							
39	54	95 319	40 023,198	834 828,579	20,859	20,397							
40	55	94 947	38 989,612	794 805,382	20,385	19,923							
41	56	94 534	37 965,926	755 815,770	19,908	19,446							
42	57	94 078	36 951,245	717 849,844	19,427	18,965							
43	58	93 592	35 951,462	680 898,599	18,939	18,477							
44	59	93 053	34 957,774	644 947,137	18,449	17,987							
45	60	92 461	33 971,084	609 989,362	17,956	17,494							
46	61	91 814	32 991,105	576 018,278	17,460	16,998							
47	62	91 113	32 018,718	543 027,173	16,960	16,498							
48	63	90 344	31 049,882	511 008,455	16,458	15,996							
49	64	89 498	30 082,194	479 958,573	15,955	15,493							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	3 412 382,917	34,269	33,807	50	66	87 864	28 883,178	435 034,716	15,062	14,600
1	17	99 227	97 043,734	3 312 805,847	34,137	33,675	51	67	86 815	27 910,246	406 151,538	14,552	14,090
2	18	99 190	94 873,058	3 215 762,113	33,895	33,433	52	68	85 694	26 943,900	378 241,292	14,038	13,576
3	19	99 161	92 757,985	3 120 889,055	33,646	33,183	53	69	84 481	25 977,894	351 297,392	13,523	13,061
4	20	99 133	90 691,193	3 028 131,070	33,389	32,927	54	70	83 129	24 999,547	325 319,498	13,013	12,551
5	21	99 105	88 670,907	2 937 439,876	33,127	32,665	55	71	81 674	24 021,637	300 319,951	12,502	12,040
6	22	99 080	86 697,109	2 848 768,969	32,859	32,397	56	72	80 088	23 036,745	276 298,314	11,994	11,532
7	23	99 054	84 767,490	2 762 071,860	32,584	32,122	57	73	78 391	22 052,485	253 261,568	11,484	11,022
8	24	99 028	82 880,576	2 677 304,370	32,303	31,841	58	74	76 534	21 056,353	231 209,083	10,980	10,518
9	25	99 004	81 037,310	2 594 423,794	32,015	31,553	59	75	74 561	20 062,215	210 152,730	10,475	10,013
10	26	98 977	79 232,325	2 513 386,484	31,722	31,260	60	76	72 426	19 058,912	190 090,515	9,974	9,512
11	27	98 952	77 469,245	2 434 154,159	31,421	30,959	61	77	70 146	18 052,537	171 031,603	9,474	9,012
12	28	98 925	75 743,417	2 356 684,914	31,114	30,652	62	78	67 741	17 050,109	152 979,066	8,972	8,510
13	29	98 892	74 052,505	2 280 941,497	30,802	30,340	63	79	65 124	16 030,587	135 928,957	8,479	8,017
14	30	98 859	72 398,388	2 206 888,992	30,483	30,021	64	80	62 300	14 997,983	119 898,371	7,994	7,532
15	31	98 819	70 776,502	2 134 490,604	30,158	29,696	65	81	59 253	13 950,744	104 900,388	7,519	7,057
16	32	98 771	69 186,030	2 063 714,101	29,828	29,366	66	82	55 986	12 891,349	90 949,644	7,055	6,593
17	33	98 716	67 625,402	1 994 528,072	29,494	29,032	67	83	52 458	11 813,239	78 058,296	6,608	6,146
18	34	98 655	66 096,521	1 926 902,669	29,153	28,691	68	84	48 666	10 718,240	66 245,057	6,181	5,719
19	35	98 579	64 592,452	1 860 806,148	28,808	28,346	69	85	44 667	9 621,009	55 526,817	5,771	5,309
20	36	98 493	63 116,126	1 796 213,696	28,459	27,997	70	86	40 503	8 532,138	45 905,808	5,380	4,918
21	37	98 406	61 672,369	1 733 097,570	28,102	27,640	71	87	36 215	7 460,971	37 373,669	5,009	4,547
22	38	98 316	60 260,437	1 671 425,202	27,737	27,275	72	88	31 813	6 409,785	29 912,698	4,667	4,205
23	39	98 221	58 877,064	1 611 164,764	27,365	26,903	73	89	27 467	5 412,369	23 502,913	4,342	3,880
24	40	98 115	57 519,835	1 552 287,701	26,987	26,525	74	90	23 239	4 478,515	18 090,544	4,039	3,577
25	41	98 008	56 192,750	1 494 767,865	26,601	26,139	75	91	19 202	3 619,109	13 612,029	3,761	3,299
26	42	97 893	54 891,700	1 438 575,115	26,208	25,746	76	92	15 468	2 851,094	9 992,920	3,505	3,043
27	43	97 771	53 616,861	1 383 683,416	25,807	25,345	77	93	12 090	2 179,504	7 141,826	3,277	2,815
28	44	97 640	52 366,499	1 330 066,554	25,399	24,937	78	94	9 173	1 617,230	4 962,321	3,068	2,606
29	45	97 502	51 142,073	1 277 700,056	24,983	24,521	79	95	6 752	1 164,223	3 345,092	2,873	2,411
30	46	97 349	49 938,248	1 226 557,982	24,561	24,099	80	96	4 786	807,102	2 180,869	2,702	2,240
31	47	97 183	48 755,766	1 176 619,734	24,133	23,671	81	97	3 257	537,134	1 373,767	2,558	2,096
32	48	97 001	47 593,626	1 127 863,968	23,698	23,236	82	98	2 154	347,439	836,633	2,408	1,946
33	49	96 794	46 447,325	1 080 270,343	23,258	22,796	83	99	1 365	215,332	489,194	2,272	1,810
34	50	96 564	45 316,964	1 033 823,017	22,813	22,351	84	100	826	127,380	273,862	2,150	1,688
35	51	96 318	44 206,960	988 506,053	22,361	21,899							
36	52	96 045	43 111,841	944 299,094	21,903	21,441							
37	53	95 749	42 033,071	901 187,253	21,440	20,978							
38	54	95 416	40 965,342	859 154,182	20,973	20,511							
39	55	95 057	39 912,963	818 188,840	20,499	20,037							
40	56	94 652	38 868,261	778 275,877	20,023	19,561							
41	57	94 215	37 837,541	739 407,615	19,542	19,080							
42	58	93 725	36 812,445	701 570,075	19,058	18,596							
43	59	93 201	35 801,416	664 757,629	18,568	18,106							
44	60	92 622	34 795,764	628 956,213	18,076	17,614							
45	61	91 987	33 796,921	594 160,449	17,580	17,118							
46	62	91 301	32 806,811	560 363,528	17,081	16,619							
47	63	90 555	31 822,702	527 556,718	16,578	16,116							
48	64	89 733	30 839,979	495 734,015	16,074	15,612							
49	65	88 835	29 859,321	464 894,036	15,569	15,107							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	3 393 616,194	34,085	33,623	50	67	87 094	28 630,226	419 759,874	14,661	14,199
1	18	99 214	97 031,152	3 294 051,853	33,948	33,486	51	68	86 002	27 649,064	391 129,649	14,146	13,684
2	19	99 174	94 857,658	3 197 020,702	33,703	33,241	52	69	84 820	26 668,965	363 480,585	13,629	13,167
3	20	99 145	92 742,739	3 102 163,043	33,449	32,987	53	70	83 506	25 677,946	336 811,620	13,117	12,655
4	21	99 117	90 676,349	3 009 420,304	33,189	32,727	54	71	82 085	24 685,759	311 133,674	12,604	12,142
5	22	99 089	88 655,851	2 918 743,955	32,922	32,460	55	72	80 546	23 689,790	286 447,915	12,092	11,630
6	23	99 063	86 682,563	2 830 088,104	32,649	32,187	56	73	78 891	22 692,395	262 758,125	11,579	11,117
7	24	99 038	84 753,625	2 743 405,541	32,369	31,907	57	74	77 079	21 683,413	240 065,731	11,071	10,609
8	25	99 012	82 866,961	2 658 651,916	32,083	31,621	58	75	75 142	20 673,294	218 382,317	10,563	10,101
9	26	98 985	81 021,556	2 575 784,955	31,791	31,329	59	76	73 061	19 658,564	197 709,024	10,057	9,595
10	27	98 960	79 218,203	2 494 763,399	31,492	31,030	60	77	70 822	18 636,780	178 050,460	9,554	9,092
11	28	98 932	77 452,996	2 415 545,197	31,187	30,725	61	78	68 466	17 620,387	159 413,681	9,047	8,585
12	29	98 901	75 725,390	2 338 092,200	30,876	30,414	62	79	65 898	16 586,218	141 793,293	8,549	8,087
13	30	98 868	74 034,232	2 262 366,810	30,558	30,096	63	80	63 117	15 536,710	125 207,075	8,059	7,597
14	31	98 831	72 377,915	2 188 332,578	30,235	29,773	64	81	60 103	14 469,131	109 670,365	7,580	7,118
15	32	98 787	70 753,712	2 115 954,663	29,906	29,444	65	82	56 859	13 386,920	95 201,233	7,112	6,649
16	33	98 738	69 162,789	2 045 200,951	29,571	29,109	66	83	53 354	12 285,426	81 814,313	6,659	6,197
17	34	98 681	67 601,718	1 976 038,162	29,231	28,769	67	84	49 562	11 161,197	69 528,888	6,230	5,768
18	35	98 617	66 071,286	1 908 436,443	28,885	28,422	68	85	45 562	10 034,545	58 367,690	5,817	5,355
19	36	98 533	64 562,291	1 842 365,157	28,536	28,074	69	86	41 376	8 912,001	48 333,146	5,423	4,961
20	37	98 446	63 086,029	1 777 802,866	28,181	27,719	70	87	37 049	7 804,530	39 421,145	5,051	4,589
21	38	98 356	61 641,228	1 714 716,838	27,818	27,356	71	88	32 626	6 721,628	31 616,614	4,704	4,242
22	39	98 262	60 227,047	1 653 075,609	27,447	26,985	72	89	28 208	5 683,530	24 894,986	4,380	3,918
23	40	98 157	58 838,755	1 592 848,563	27,071	26,609	73	90	23 929	4 715,222	19 211,456	4,074	3,612
24	41	98 053	57 483,418	1 534 009,807	26,686	26,224	74	91	19 820	3 819,650	14 496,234	3,795	3,333
25	42	97 937	56 151,564	1 476 526,389	26,295	25,833	75	92	16 016	3 018,597	10 676,584	3,537	3,075
26	43	97 814	54 847,410	1 420 374,825	25,897	25,435	76	93	12 561	2 315,243	7 657,987	3,308	2,846
27	44	97 684	53 568,837	1 365 527,415	25,491	25,029	77	94	9 558	1 722,988	5 342,744	3,101	2,639
28	45	97 547	52 316,968	1 311 958,578	25,077	24,615	78	95	7 068	1 246,146	3 619,756	2,905	2,443
29	46	97 397	51 087,062	1 259 641,610	24,657	24,195	79	96	5 035	868,215	2 373,611	2,734	2,272
30	47	97 234	49 879,112	1 208 554,548	24,230	23,768	80	97	3 449	581,668	1 505,396	2,588	2,126
31	48	97 056	48 692,414	1 158 675,437	23,796	23,334	81	98	2 297	378,819	923,728	2,438	1,976
32	49	96 854	47 521,421	1 109 983,023	23,358	22,896	82	99	1 467	236,597	544,909	2,303	1,841
33	50	96 631	46 369,105	1 062 461,602	22,913	22,451	83	100	897	141,418	308,311	2,180	1,718
34	51	96 386	45 233,404	1 016 092,497	22,463	22,001							
35	52	96 118	44 115,163	970 859,093	22,007	21,545							
36	53	95 834	43 016,804	926 743,929	21,544	21,082							
37	54	95 512	41 928,889	883 727,125	21,077	20,615							
38	55	95 154	40 852,513	841 798,236	20,606	20,144							
39	56	94 761	39 788,739	800 945,724	20,130	19,668							
40	57	94 331	38 736,825	761 156,985	19,649	19,187							
41	58	93 861	37 695,412	722 420,160	19,165	18,703							
42	59	93 334	36 658,806	684 724,748	18,678	18,216							
43	60	92 770	35 635,496	648 065,942	18,186	17,724							
44	61	92 147	34 617,373	612 430,447	17,691	17,229							
45	62	91 473	33 608,125	577 813,074	17,193	16,731							
46	63	90 742	32 605,970	544 204,949	16,690	16,228							
47	64	89 943	31 607,575	511 598,978	16,186	15,724							
48	65	89 068	30 611,492	479 991,404	15,680	15,218							
49	66	88 123	29 620,037	449 379,912	15,171	14,709							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	3 374 110,376	33,893	33,431	50	68	86 279	28 362,306	404 075,328	14,247	13,785
1	19	99 198	97 015,402	3 274 558,945	33,753	33,291	51	69	85 125	27 366,934	375 713,022	13,729	13,267
2	20	99 158	94 842,067	3 177 543,543	33,504	33,042	52	70	83 841	26 361,037	348 346,088	13,214	12,752
3	21	99 129	92 727,559	3 082 701,476	33,245	32,783	53	71	82 458	25 355,642	321 985,051	12,699	12,237
4	22	99 100	90 660,952	2 989 973,918	32,980	32,518	54	72	80 951	24 344,737	296 629,409	12,185	11,723
5	23	99 072	88 640,977	2 899 312,965	32,708	32,246	55	73	79 342	23 335,678	272 284,672	11,668	11,206
6	24	99 047	86 668,386	2 810 671,988	32,430	31,968	56	74	77 570	22 312,614	248 948,994	11,157	10,695
7	25	99 022	84 739,703	2 724 003,603	32,146	31,684	57	75	75 677	21 288,946	226 636,380	10,646	10,184
8	26	98 993	82 850,850	2 639 263,900	31,856	31,394	58	76	73 630	20 257,347	205 347,434	10,137	9,675
9	27	98 968	81 007,114	2 556 413,050	31,558	31,096	59	77	71 443	19 223,150	185 090,087	9,628	9,166
10	28	98 939	79 201,587	2 475 405,935	31,254	30,792	60	78	69 127	18 190,644	165 866,938	9,118	8,656
11	29	98 908	77 434,563	2 396 204,348	30,945	30,483	61	79	66 604	17 140,981	147 676,293	8,615	8,153
12	30	98 877	75 706,704	2 318 769,785	30,628	30,166	62	80	63 868	16 075,224	130 535,312	8,120	7,658
13	31	98 840	74 013,296	2 243 063,081	30,306	29,844	63	81	60 892	14 988,862	114 460,089	7,636	7,174
14	32	98 799	72 354,609	2 169 049,785	29,978	29,516	64	82	57 674	13 884,357	99 471,226	7,164	6,702
15	33	98 754	70 729,945	2 096 695,176	29,644	29,182	65	83	54 186	12 757,704	85 586,869	6,709	6,247
16	34	98 704	69 138,567	2 025 965,231	29,303	28,841	66	84	50 409	11 607,321	72 829,165	6,274	5,812
17	35	98 643	67 575,908	1 956 826,664	28,957	28,495	67	85	46 401	10 449,247	61 221,844	5,859	5,397
18	36	98 571	66 040,435	1 889 250,756	28,607	28,145	68	86	42 204	9 295,062	50 772,597	5,462	5,000
19	37	98 486	64 531,504	1 823 210,321	28,253	27,791	69	87	37 847	8 151,999	41 477,536	5,088	4,626
20	38	98 397	63 054,174	1 758 678,817	27,892	27,430	70	88	33 378	7 031,142	33 325,537	4,740	4,278
21	39	98 302	61 607,072	1 695 624,642	27,523	27,061	71	89	28 930	5 960,040	26 294,395	4,412	3,950
22	40	98 198	60 187,860	1 634 017,570	27,149	26,687	72	90	24 575	4 951,456	20 334,355	4,107	3,645
23	41	98 095	58 801,503	1 573 829,710	26,765	26,303	73	91	20 409	4 021,533	15 382,898	3,825	3,363
24	42	97 981	57 441,286	1 515 028,207	26,375	25,913	74	92	16 532	3 185,862	11 361,366	3,566	3,104
25	43	97 858	56 106,258	1 457 586,921	25,979	25,517	75	93	13 006	2 451,264	8 175,504	3,335	2,873
26	44	97 727	54 798,284	1 401 480,663	25,575	25,113	76	94	9 930	1 830,295	5 724,239	3,127	2,665
27	45	97 591	53 518,169	1 346 682,379	25,163	24,701	77	95	7 365	1 327,637	3 893,944	2,933	2,471
28	46	97 442	52 260,693	1 293 164,210	24,744	24,282	78	96	5 271	929,309	2 566,307	2,762	2,300
29	47	97 282	51 026,565	1 240 903,518	24,319	23,857	79	97	3 629	625,711	1 636,998	2,616	2,154
30	48	97 108	49 814,300	1 189 876,953	23,886	23,424	80	98	2 433	410,227	1 011,287	2,465	2,003
31	49	96 909	48 618,542	1 140 062,652	23,449	22,987	81	99	1 564	257,967	601,060	2,330	1,868
32	50	96 690	47 441,392	1 091 444,110	23,006	22,544	82	100	963	155,384	343,093	2,208	1,746
33	51	96 453	46 283,605	1 044 002,718	22,557	22,095							
34	52	96 185	45 139,477	997 719,113	22,103	21,641							
35	53	95 906	44 017,915	952 579,637	21,641	21,179							
36	54	95 596	42 910,183	908 561,722	21,174	20,712							
37	55	95 249	41 813,405	865 651,538	20,703	20,241							
38	56	94 857	40 725,364	823 838,133	20,229	19,767							
39	57	94 441	39 654,190	783 112,769	19,749	19,287							
40	58	93 977	38 591,318	743 458,579	19,265	18,803							
41	59	93 469	37 538,087	704 867,261	18,777	18,315							
42	60	92 901	36 488,912	667 329,174	18,289	17,827							
43	61	92 294	35 452,799	630 840,262	17,794	17,332							
44	62	91 632	34 423,994	595 387,463	17,296	16,834							
45	63	90 913	33 402,379	560 963,469	16,794	16,332							
46	64	90 129	32 385,548	527 561,090	16,290	15,828							
47	65	89 277	31 373,401	495 175,542	15,783	15,321							
48	66	88 355	30 366,181	463 802,141	15,274	14,812							
49	67	87 351	29 360,632	433 435,960	14,762	14,300							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	3 353 861,679	33,695	33,233	50	69	85 399	28 072,898	388 000,286	13,821	13,359
1	20	99 182	96 999,455	3 254 326,407	33,550	33,088	51	70	84 142	27 050,947	359 927,388	13,306	12,844
2	21	99 142	94 826,543	3 157 326,951	33,296	32,834	52	71	82 788	26 030,160	332 876,441	12,788	12,326
3	22	99 112	92 711,814	3 062 500,408	33,032	32,570	53	72	81 318	25 005,367	306 846,282	12,271	11,809
4	23	99 083	90 645,741	2 969 788,595	32,763	32,301	54	73	79 741	23 980,835	281 840,915	11,753	11,291
5	24	99 056	88 626,479	2 879 142,853	32,486	32,024	55	74	78 014	22 945,131	257 860,080	11,238	10,776
6	25	99 031	86 654,149	2 790 516,374	32,203	31,741	56	75	76 159	21 906,700	234 914,949	10,723	10,261
7	26	99 002	84 723,228	2 703 862,226	31,914	31,452	57	76	74 154	20 860,613	213 008,249	10,211	9,749
8	27	98 975	82 836,083	2 619 138,997	31,618	31,156	58	77	71 999	19 808,671	192 147,636	9,700	9,238
9	28	98 947	80 990,123	2 536 302,914	31,316	30,854	59	78	69 733	18 762,977	172 338,966	9,185	8,723
10	29	98 915	79 182,738	2 455 312,791	31,008	30,546	60	79	67 246	17 695,722	153 575,988	8,679	8,217
11	30	98 884	77 415,455	2 376 130,053	30,693	30,231	61	80	64 552	16 612,895	135 880,266	8,179	7,717
12	31	98 849	75 685,083	2 298 714,598	30,372	29,910	62	81	61 616	15 508,387	119 267,371	7,691	7,228
13	32	98 808	73 989,463	2 223 029,303	30,045	29,583	63	82	58 431	14 383,083	103 758,984	7,214	6,752
14	33	98 766	72 330,305	2 149 039,839	29,711	29,249	64	83	54 963	13 231,760	89 375,901	6,755	6,293
15	34	98 719	70 705,174	2 076 709,535	29,371	28,909	65	84	51 195	12 053,532	76 144,140	6,317	5,855
16	35	98 666	69 112,170	2 006 004,361	29,025	28,563	66	85	47 194	10 866,913	64 090,609	5,898	5,436
17	36	98 597	67 544,355	1 936 892,191	28,676	28,214	67	86	42 982	9 679,203	53 223,695	5,499	5,037
18	37	98 524	66 008,943	1 869 347,837	28,320	27,858	68	87	38 605	8 502,393	43 544,493	5,121	4,659
19	38	98 436	64 498,920	1 803 338,894	27,959	27,497	69	88	34 097	7 344,178	35 042,100	4,771	4,309
20	39	98 342	63 019,236	1 738 839,973	27,592	27,130	70	89	29 596	6 234,485	27 697,922	4,443	3,981
21	40	98 238	61 566,988	1 675 820,738	27,219	26,757	71	90	25 203	5 192,350	21 463,436	4,134	3,672
22	41	98 136	60 149,753	1 614 253,750	26,837	26,375	72	91	20 960	4 223,013	16 271,086	3,853	3,391
23	42	98 023	58 758,405	1 554 103,996	26,449	25,987	73	92	17 022	3 354,247	12 048,074	3,592	3,130
24	43	97 902	57 394,939	1 495 345,591	26,054	25,592	74	93	13 424	2 587,093	8 693,827	3,360	2,898
25	44	97 770	56 056,004	1 437 950,652	25,652	25,190	75	94	10 282	1 937,826	6 106,734	3,151	2,689
26	45	97 634	54 746,453	1 381 894,648	25,242	24,780	76	95	7 651	1 410,322	4 168,909	2,956	2,494
27	46	97 486	53 460,602	1 327 148,196	24,825	24,363	77	96	5 492	990,081	2 758,587	2,786	2,324
28	47	97 327	52 198,806	1 273 687,594	24,401	23,939	78	97	3 799	669,741	1 768,506	2,641	2,179
29	48	97 156	50 960,263	1 221 488,788	23,969	23,507	79	98	2 559	441,289	1 098,765	2,490	2,028
30	49	96 960	49 738,727	1 170 528,525	23,534	23,072	80	99	1 657	279,355	657,476	2,354	1,892
31	50	96 746	48 536,665	1 120 789,799	23,092	22,630	81	100	1 027	169,418	378,121	2,232	1,770
32	51	96 512	47 353,915	1 072 253,133	22,643	22,181							
33	52	96 253	46 187,497	1 024 899,219	22,190	21,728							
34	53	95 973	45 039,970	978 711,722	21,730	21,268							
35	54	95 668	43 908,813	933 671,751	21,264	20,802							
36	55	95 333	42 791,997	889 762,938	20,793	20,331							
37	56	94 952	41 683,266	846 970,941	20,319	19,857							
38	57	94 537	40 587,648	805 287,675	19,841	19,379							
39	58	94 086	39 505,237	764 700,028	19,357	18,895							
40	59	93 585	38 430,254	725 194,791	18,870	18,408							
41	60	93 036	37 364,119	686 764,536	18,380	17,918							
42	61	92 425	36 301,840	649 400,418	17,889	17,427							
43	62	91 778	35 254,754	613 098,578	17,391	16,929							
44	63	91 071	34 213,253	577 843,824	16,889	16,427							
45	64	90 299	33 176,573	543 630,571	16,386	15,924							
46	65	89 461	32 145,610	510 453,998	15,879	15,417							
47	66	88 561	31 121,984	478 308,388	15,369	14,907							
48	67	87 581	30 100,241	447 186,404	14,857	14,395							
49	68	86 534	29 085,877	417 086,163	14,340	13,878							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	3 332 869,293	33,490	33,028	50	70	84 413	27 748,760	371 561,003	13,390	12,928
1	21	99 166	96 983,578	3 233 350,381	33,339	32,877	51	71	83 086	26 711,410	343 812,243	12,871	12,409
2	22	99 125	94 810,442	3 136 366,803	33,080	32,618	52	72	81 645	25 670,566	317 100,833	12,353	11,891
3	23	99 095	92 696,259	3 041 556,361	32,812	32,350	53	73	80 103	24 631,589	291 430,266	11,832	11,370
4	24	99 067	90 630,916	2 948 860,103	32,537	32,075	54	74	78 407	23 579,490	266 798,677	11,315	10,853
5	25	99 040	88 611,920	2 858 229,187	32,256	31,794	55	75	76 595	22 527,710	243 219,187	10,796	10,334
6	26	99 011	86 637,302	2 769 617,267	31,968	31,506	56	76	74 627	21 465,937	220 691,477	10,281	9,819
7	27	98 985	84 708,127	2 682 979,965	31,673	31,211	57	77	72 512	20 398,575	199 225,539	9,767	9,305
8	28	98 954	82 818,709	2 598 271,838	31,373	30,915	58	78	70 276	19 334,482	178 826,964	9,249	8,787
9	29	98 923	80 970,849	2 515 453,129	31,066	30,604	59	79	67 836	18 252,484	159 492,482	8,738	8,276
10	30	98 891	79 163,198	2 434 482,281	30,753	30,291	60	80	65 174	17 150,546	141 239,998	8,235	7,773
11	31	98 856	77 393,563	2 355 319,083	30,433	29,971	61	81	62 276	16 027,099	124 089,452	7,742	7,280
12	32	98 817	75 660,924	2 277 925,519	30,107	29,645	62	82	59 126	14 881,611	108 062,353	7,261	6,799
13	33	98 775	73 964,610	2 202 264,595	29,775	29,313	63	83	55 684	13 707,045	93 180,742	6,798	6,336
14	34	98 731	72 304,972	2 128 299,985	29,435	28,973	64	84	51 929	12 501,422	79 473,697	6,357	5,895
15	35	98 681	70 678,179	2 055 995,013	29,090	28,628	65	85	47 930	11 284,661	66 972,275	5,935	5,473
16	36	98 620	69 079,899	1 985 316,834	28,739	28,277	66	86	43 716	10 066,090	55 687,614	5,532	5,070
17	37	98 550	67 512,146	1 916 236,935	28,384	27,922	67	87	39 316	8 853,775	45 621,524	5,153	4,691
18	38	98 474	65 975,613	1 848 724,789	28,021	27,559	68	88	34 780	7 659,850	36 767,750	4,800	4,338
19	39	98 382	64 463,181	1 782 749,177	27,655	27,193	69	89	30 233	6 512,053	29 107,900	4,470	4,008
20	40	98 278	62 978,232	1 718 285,996	27,284	26,822	70	90	25 784	5 431,445	22 595,846	4,160	3,698
21	41	98 175	61 528,008	1 655 307,763	26,903	26,441	71	91	21 496	4 428,467	17 164,401	3,876	3,414
22	42	98 064	60 105,667	1 593 779,755	26,516	26,054	72	92	17 482	3 522,296	12 735,935	3,616	3,154
23	43	97 944	58 710,996	1 533 674,088	26,122	25,660	73	93	13 823	2 723,830	9 213,639	3,383	2,921
24	44	97 815	57 343,531	1 474 963,092	25,722	25,260	74	94	10 613	2 045,203	6 489,808	3,173	2,711
25	45	97 677	56 002,983	1 417 619,561	25,313	24,851	75	95	7 922	1 493,179	4 444,605	2,977	2,515
26	46	97 529	54 687,564	1 361 616,578	24,898	24,436	76	96	5 706	1 051,742	2 951,426	2,806	2,344
27	47	97 371	53 397,294	1 306 929,014	24,476	24,014	77	97	3 958	713,538	1 899,684	2,662	2,200
28	48	97 201	52 130,980	1 253 531,720	24,046	23,584	78	98	2 679	472,341	1 186,145	2,511	2,049
29	49	97 008	50 882,950	1 201 400,739	23,611	23,149	79	99	1 743	300,507	713,804	2,375	1,913
30	50	96 797	49 654,963	1 150 517,789	23,170	22,708	80	100	1 088	183,465	413,297	2,253	1,791
31	51	96 568	48 447,169	1 100 862,826	22,723	22,261							
32	52	96 312	47 255,584	1 052 415,657	22,271	21,809							
33	53	96 041	46 085,680	1 005 160,073	21,811	21,349							
34	54	95 736	44 928,335	959 074,393	21,347	20,885							
35	55	95 405	43 787,876	914 146,058	20,877	20,415							
36	56	95 036	42 658,812	870 358,181	20,403	19,941							
37	57	94 631	41 542,310	827 699,369	19,924	19,462							
38	58	94 181	40 435,189	786 157,059	19,442	18,980							
39	59	93 693	39 340,359	745 721,870	18,956	18,494							
40	60	93 151	38 252,151	706 381,511	18,466	18,004							
41	61	92 559	37 172,560	668 129,361	17,974	17,512							
42	62	91 908	36 099,051	630 956,801	17,478	17,016							
43	63	91 217	35 038,927	594 857,749	16,977	16,515							
44	64	90 455	33 981,965	559 818,822	16,474	16,012							
45	65	89 630	32 930,775	525 836,857	15,968	15,506							
46	66	88 744	31 888,005	492 906,083	15,457	14,995							
47	67	87 786	30 849,425	461 018,078	14,944	14,482							
48	68	86 761	29 818,565	430 168,653	14,426	13,964							
49	69	85 651	28 789,086	400 350,088	13,906	13,444							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	3 311 129,191	33,277	32,815	50	71	83 353	27 400,464	354 797,849	12,949	12,487
1	22	99 149	96 967,111	3 211 626,569	33,121	32,659	51	72	81 938	26 342,405	327 397,385	12,429	11,967
2	23	99 108	94 794,534	3 114 659,458	32,857	32,395	52	73	80 424	25 286,845	301 054,980	11,906	11,444
3	24	99 079	92 681,098	3 019 864,924	32,583	32,121	53	74	78 762	24 219,354	275 768,135	11,386	10,924
4	25	99 051	90 616,028	2 927 183,826	32,303	31,841	54	75	76 980	23 150,530	251 548,781	10,866	10,404
5	26	99 020	88 594,693	2 836 567,798	32,017	31,555	55	76	75 054	22 074,453	228 398,251	10,347	9,885
6	27	98 994	86 621,860	2 747 973,106	31,724	31,262	56	77	72 974	20 990,492	206 323,798	9,829	9,367
7	28	98 964	84 690,360	2 661 351,246	31,424	30,962	57	78	70 776	19 910,265	185 333,306	9,308	8,846
8	29	98 931	82 798,999	2 576 660,886	31,119	30,657	58	79	68 364	18 808,439	165 423,041	8,795	8,333
9	30	98 899	80 950,868	2 493 861,887	30,807	30,345	59	80	65 746	17 690,154	146 614,602	8,288	7,826
10	31	98 863	79 140,812	2 412 911,020	30,489	30,027	60	81	62 876	16 545,792	128 924,447	7,792	7,330
11	32	98 824	77 368,642	2 333 770,208	30,164	29,702	61	82	59 759	15 379,359	112 378,656	7,307	6,845
12	33	98 784	75 635,509	2 256 401,566	29,833	29,371	62	83	56 347	14 182,141	96 999,296	6,840	6,378
13	34	98 740	73 938,705	2 180 766,056	29,494	29,032	63	84	52 611	12 950,473	82 817,155	6,395	5,933
14	35	98 694	72 277,367	2 106 827,351	29,149	28,687	64	85	48 617	11 703,981	69 866,682	5,969	5,507
15	36	98 635	70 645,176	2 034 549,984	28,800	28,338	65	86	44 398	10 453,052	58 162,701	5,564	5,102
16	37	98 573	69 046,958	1 963 904,808	28,443	27,981	66	87	39 988	9 207,668	47 709,649	5,182	4,719
17	38	98 501	67 478,056	1 894 857,850	28,081	27,619	67	88	35 420	7 976,412	38 501,980	4,827	4,365
18	39	98 420	65 939,055	1 827 379,793	27,713	27,251	68	89	30 839	6 791,958	30 525,568	4,494	4,032
19	40	98 318	64 421,238	1 761 440,738	27,343	26,881	69	90	26 339	5 673,260	23 733,610	4,183	3,721
20	41	98 216	62 938,359	1 697 019,500	26,963	26,501	70	91	21 991	4 632,387	18 060,350	3,899	3,437
21	42	98 103	61 482,912	1 634 081,141	26,578	26,116	71	92	17 929	3 693,659	13 427,963	3,635	3,173
22	43	97 985	60 057,171	1 572 598,229	26,185	25,723	72	93	14 196	2 860,295	9 734,304	3,403	2,941
23	44	97 856	58 658,408	1 512 541,058	25,786	25,324	73	94	10 928	2 153,300	6 874,009	3,192	2,730
24	45	97 722	57 289,293	1 453 882,650	25,378	24,916	74	95	8 177	1 575,918	4 720,709	2,996	2,534
25	46	97 572	55 942,743	1 396 593,357	24,965	24,503	75	96	5 908	1 113,533	3 144,790	2,824	2,362
26	47	97 414	54 622,803	1 340 650,614	24,544	24,082	76	97	4 112	757,977	2 031,258	2,680	2,218
27	48	97 244	53 327,911	1 286 027,811	24,115	23,653	77	98	2 792	503,230	1 273,280	2,530	2,068
28	49	97 053	52 051,892	1 232 699,899	23,682	23,220	78	99	1 824	321,653	770,050	2,394	1,932
29	50	96 845	50 797,260	1 180 648,007	23,242	22,780	79	100	1 145	197,357	448,397	2,272	1,810
30	51	96 619	49 563,405	1 129 850,747	22,796	22,334							
31	52	96 367	48 346,568	1 080 287,342	22,345	21,883							
32	53	96 099	47 151,413	1 031 940,774	21,886	21,424							
33	54	95 803	45 971,453	984 789,362	21,422	20,960							
34	55	95 472	44 804,590	938 817,909	20,954	20,492							
35	56	95 108	43 651,592	894 013,318	20,481	20,019							
36	57	94 715	42 514,557	850 361,727	20,002	19,540							
37	58	94 276	41 386,265	807 847,169	19,520	19,058							
38	59	93 788	40 266,429	766 460,904	19,035	18,573							
39	60	93 259	39 158,037	726 194,474	18,545	18,083							
40	61	92 674	38 056,039	687 036,437	18,053	17,591							
41	62	92 042	36 964,907	648 980,397	17,557	17,095							
42	63	91 346	35 878,056	612 015,490	17,058	16,596							
43	64	90 600	34 802,057	576 137,434	16,555	16,093							
44	65	89 785	33 730,199	541 335,377	16,049	15,587							
45	66	88 911	32 666,877	507 605,178	15,539	15,077							
46	67	87 967	31 608,737	474 938,300	15,026	14,564							
47	68	86 964	30 560,738	443 329,563	14,507	14,044							
48	69	85 876	29 514,297	412 768,825	13,985	13,523							
49	70	84 662	28 456,678	383 254,528	13,468	13,006							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	3 288 636,890	33,056	32,594	50	72	82 202	27 021,941	337 741,248	12,499	12,037
1	23	99 132	96 950,842	3 189 151,162	32,895	32,433	51	73	80 713	25 948,642	310 719,307	11,974	11,512
2	24	99 092	94 779,030	3 092 200,320	32,625	32,163	52	74	79 078	24 863,643	284 770,665	11,453	10,991
3	25	99 063	92 665,873	2 997 421,290	32,347	31,885	53	75	77 329	23 778,752	259 907,022	10,930	10,468
4	26	99 032	90 598,411	2 904 755,417	32,062	31,600	54	76	75 432	22 684,741	236 128,269	10,409	9,947
5	27	99 003	88 578,902	2 814 157,007	31,770	31,308	55	77	73 391	21 585,530	213 443,528	9,888	9,426
6	28	98 973	86 603,691	2 725 578,105	31,472	31,010	56	78	71 227	20 488,013	191 857,998	9,364	8,902
7	29	98 940	84 670,204	2 638 974,414	31,168	30,706	57	79	68 850	19 368,557	171 369,985	8,848	8,386
8	30	98 906	82 778,567	2 554 304,210	30,857	30,395	58	80	66 257	18 228,982	152 001,429	8,338	7,876
9	31	98 871	80 927,976	2 471 525,643	30,540	30,078	59	81	63 427	17 066,373	133 772,447	7,838	7,376
10	32	98 831	79 115,328	2 390 597,667	30,217	29,755	60	82	60 335	15 877,089	116 706,074	7,351	6,889
11	33	98 791	77 342,653	2 311 482,339	29,886	29,424	61	83	56 950	14 656,494	100 828,986	6,879	6,417
12	34	98 749	75 609,020	2 234 139,685	29,549	29,087	62	84	53 236	13 399,346	86 172,491	6,431	5,969
13	35	98 703	73 910,476	2 158 530,666	29,205	28,743	63	85	49 255	12 124,388	72 773,146	6,002	5,540
14	36	98 647	72 243,618	2 084 620,190	28,855	28,393	64	86	45 034	10 841,471	60 648,758	5,594	5,132
15	37	98 588	70 611,489	2 012 376,572	28,499	28,037	65	87	40 611	9 561,631	49 807,287	5,209	4,747
16	38	98 523	69 012,094	1 941 765,083	28,137	27,675	66	88	36 025	8 295,237	40 245,655	4,852	4,390
17	39	98 446	67 440,666	1 872 752,989	27,769	27,307	67	89	31 407	7 072,652	31 950,419	4,517	4,055
18	40	98 356	65 896,152	1 805 312,323	27,396	26,934	68	90	26 867	5 917,112	24 877,766	4,204	3,742
19	41	98 256	64 380,451	1 739 416,170	27,018	26,556	69	91	22 464	4 838,627	18 960,655	3,919	3,457
20	42	98 144	62 892,229	1 675 035,719	26,633	26,171	70	92	18 342	3 863,743	14 122,028	3,655	3,193
21	43	98 024	61 433,304	1 612 143,490	26,242	25,780	71	93	14 559	2 999,452	10 258,284	3,420	2,958
22	44	97 897	60 003,378	1 550 710,186	25,844	25,382	72	94	11 223	2 261,181	7 258,833	3,210	2,748
23	45	97 763	58 602,926	1 490 706,808	25,437	24,975	73	95	8 420	1 659,212	4 997,652	3,012	2,550
24	46	97 617	57 227,669	1 432 103,882	25,025	24,563	74	96	6 098	1 175,235	3 338,440	2,841	2,379
25	47	97 457	55 876,496	1 374 876,213	24,606	24,144	75	97	4 258	802,509	2 163,205	2,696	2,234
26	48	97 287	54 551,828	1 318 999,717	24,179	23,717	76	98	2 900	534,571	1 360,696	2,545	2,083
27	49	97 097	53 247,007	1 264 447,889	23,747	23,285	77	99	1 901	342,688	826,125	2,411	1,949
28	50	96 890	51 964,233	1 211 200,881	23,308	22,846	78	100	1 198	211,244	483,438	2,289	1,827
29	51	96 666	50 703,595	1 159 236,648	22,863	22,401							
30	52	96 418	49 460,486	1 108 533,053	22,412	21,950							
31	53	96 155	48 239,992	1 059 072,567	21,954	21,492							
32	54	95 861	47 034,544	1 010 832,575	21,491	21,029							
33	55	95 539	45 844,835	963 798,031	21,023	20,561							
34	56	95 175	44 665,141	917 953,196	20,552	20,090							
35	57	94 786	43 503,980	873 288,055	20,074	19,612							
36	58	94 359	42 354,861	829 784,075	19,591	19,129							
37	59	93 882	41 213,537	787 429,214	19,106	18,644							
38	60	93 354	40 079,816	746 215,677	18,618	18,156							
39	61	92 781	38 957,282	706 135,861	18,126	17,664							
40	62	92 156	37 843,451	667 178,580	17,630	17,168							
41	63	91 478	36 738,611	629 335,128	17,130	16,668							
42	64	90 728	35 635,514	592 596,517	16,629	16,167							
43	65	89 929	34 544,216	556 961,003	16,123	15,661							
44	66	89 066	33 459,896	522 416,787	15,613	15,151							
45	67	88 133	32 380,789	488 956,891	15,100	14,638							
46	68	87 144	31 312,945	456 576,103	14,581	14,119							
47	69	86 077	30 248,897	425 263,158	14,059	13,597							
48	70	84 884	29 173,516	395 014,261	13,540	13,078							
49	71	83 599	28 099,497	365 840,744	13,019	12,557							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	3 265 388,419	32,828	32,366	50	73	80 973	26 618,019	320 428,481	12,038	11,576
1	24	99 116	96 934,985	3 165 919,383	32,660	32,198	51	74	79 362	25 514,364	293 810,462	11,515	11,053
2	25	99 076	94 763,461	3 068 984,398	32,386	31,924	52	75	77 640	24 411,321	268 296,098	10,991	10,529
3	26	99 043	92 647,857	2 974 220,937	32,102	31,640	53	76	75 774	23 300,324	243 884,777	10,467	10,005
4	27	99 014	90 582,262	2 881 573,080	31,812	31,350	54	77	73 761	22 182,301	220 584,452	9,944	9,482
5	28	98 982	88 560,323	2 790 990,818	31,515	31,053	55	78	71 635	21 068,806	198 402,151	9,417	8,955
6	29	98 949	86 583,080	2 702 430,495	31,212	30,750	56	79	69 289	19 930,585	177 333,345	8,898	8,436
7	30	98 916	84 649,311	2 615 847,415	30,902	30,440	57	80	66 729	18 771,843	157 402,760	8,385	7,923
8	31	98 878	82 753,158	2 531 198,104	30,587	30,125	58	81	63 921	17 586,200	138 630,917	7,883	7,421
9	32	98 839	80 901,917	2 448 442,946	30,264	29,802	59	82	60 864	16 376,630	121 044,717	7,391	6,929
10	33	98 798	79 088,753	2 367 541,029	29,935	29,473	60	83	57 499	15 130,829	104 668,087	6,918	6,456
11	34	98 756	77 315,566	2 288 452,277	29,599	29,137	61	84	53 806	13 847,516	89 537,258	6,466	6,004
12	35	98 711	75 580,153	2 211 136,711	29,256	28,794	62	85	49 841	12 544,628	75 689,741	6,034	5,572
13	36	98 657	73 875,964	2 135 556,558	28,907	28,445	63	86	45 625	11 230,897	63 145,113	5,622	5,160
14	37	98 600	72 209,168	2 061 680,594	28,552	28,089	64	87	41 194	9 916,926	51 914,216	5,235	4,773
15	38	98 538	70 575,835	1 989 471,425	28,189	27,727	65	88	36 587	8 614,124	41 997,290	4,875	4,413
16	39	98 469	68 973,854	1 918 895,591	27,821	27,359	66	89	31 943	7 355,353	33 383,166	4,539	4,077
17	40	98 382	67 396,786	1 849 921,737	27,448	26,986	67	90	27 361	6 161,651	26 027,813	4,224	3,762
18	41	98 293	65 854,432	1 782 524,951	27,068	26,606	68	91	22 914	5 046,604	19 866,163	3,937	3,475
19	42	98 184	64 333,264	1 716 670,519	26,684	26,222	69	92	18 737	4 035,762	14 819,559	3,672	3,210
20	43	98 065	62 841,484	1 652 337,255	26,294	25,832	70	93	14 894	3 137,569	10 783,797	3,437	2,975
21	44	97 936	61 378,279	1 589 495,771	25,897	25,435	71	94	11 510	2 371,190	7 646,228	3,225	2,763
22	45	97 804	59 946,624	1 528 117,492	25,491	25,029	72	95	8 648	1 742,339	5 275,038	3,028	2,566
23	46	97 658	58 539,889	1 468 170,868	25,080	24,618	73	96	6 279	1 237,351	3 532,699	2,855	2,393
24	47	97 501	57 159,900	1 409 630,979	24,661	24,199	74	97	4 395	846,977	2 295,348	2,710	2,248
25	48	97 330	55 803,892	1 352 471,079	24,236	23,774	75	98	3 003	565,977	1 448,371	2,559	2,097
26	49	97 140	54 469,067	1 296 667,187	23,806	23,344	76	99	1 975	364,030	882,394	2,424	1,962
27	50	96 933	53 157,336	1 242 198,119	23,368	22,906	77	100	1 248	225,058	518,364	2,303	1,841
28	51	96 711	51 868,416	1 189 040,784	22,924	22,462							
29	52	96 466	50 598,309	1 137 172,367	22,475	22,012							
30	53	96 205	49 351,454	1 086 574,058	22,017	21,555							
31	54	95 916	48 120,425	1 037 222,604	21,555	21,093							
32	55	95 597	46 904,998	989 102,179	21,087	20,625							
33	56	95 241	45 702,149	942 197,181	20,616	20,154							
34	57	94 853	44 514,102	896 495,032	20,140	19,678							
35	58	94 430	43 340,567	851 980,930	19,658	19,196							
36	59	93 965	42 178,089	808 640,363	19,172	18,710							
37	60	93 447	41 022,534	766 462,274	18,684	18,222							
38	61	92 875	39 874,335	725 439,740	18,193	17,731							
39	62	92 262	38 739,659	685 565,406	17,697	17,235							
40	63	91 592	37 611,777	646 825,746	17,197	16,735							
41	64	90 860	36 490,251	609 213,969	16,695	16,233							
42	65	90 056	35 371,497	572 723,718	16,192	15,730							
43	66	89 208	34 267,389	537 352,221	15,681	15,219							
44	67	88 286	33 166,862	503 084,831	15,168	14,706							
45	68	87 308	32 077,771	469 917,969	14,649	14,187							
46	69	86 255	30 993,428	437 840,198	14,127	13,665							
47	70	85 083	29 899,635	406 846,770	13,607	13,145							
48	71	83 819	28 807,337	376 947,135	13,085	12,623							
49	72	82 444	27 711,317	348 139,798	12,563	12,101							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	3 241 378,816	32,592	32,130	50	74	79 618	26 172,539	302 892,688	11,573	11,111
1	25	99 100	96 919,061	3 141 926,049	32,418	31,956	51	75	77 918	25 050,204	276 720,149	11,047	10,585
2	26	99 057	94 745,037	3 045 006,987	32,139	31,677	52	76	76 078	23 920,166	251 669,946	10,521	10,059
3	27	99 026	92 631,344	2 950 261,950	31,849	31,387	53	77	74 095	22 784,250	227 749,780	9,996	9,534
4	28	98 993	90 563,263	2 857 630,606	31,554	31,092	54	78	71 995	21 651,291	204 965,530	9,467	9,005
5	29	98 958	88 539,246	2 767 067,343	31,252	30,790	55	79	69 686	20 495,577	183 314,239	8,944	8,482
6	30	98 925	86 561,715	2 678 528,097	30,944	30,482	56	80	67 155	19 316,556	162 818,662	8,429	7,967
7	31	98 888	84 625,373	2 591 966,382	30,629	30,167	57	81	64 376	18 109,919	143 502,106	7,924	7,462
8	32	98 847	82 728,511	2 507 341,009	30,308	29,846	58	82	61 338	16 875,449	125 392,187	7,430	6,968
9	33	98 806	80 874,741	2 424 612,499	29,980	29,518	59	83	58 003	15 606,891	108 516,738	6,953	6,491
10	34	98 763	79 061,054	2 343 737,758	29,645	29,183	60	84	54 325	14 295,670	92 909,847	6,499	6,037
11	35	98 718	77 286,047	2 264 676,704	29,303	28,841	61	85	50 374	12 964,211	78 614,177	6,064	5,602
12	36	98 665	75 544,861	2 187 390,656	28,955	28,495	62	86	46 168	11 620,167	65 649,966	5,650	5,188
13	37	98 610	73 840,736	2 111 845,795	28,600	28,138	63	87	41 734	10 273,143	54 029,799	5,259	4,797
14	38	98 551	72 172,707	2 038 005,059	28,238	27,776	64	88	37 111	8 934,211	43 756,656	4,898	4,436
15	39	98 484	70 536,728	1 965 832,352	27,870	27,408	65	89	32 442	7 638,109	34 822,445	4,559	4,097
16	40	98 404	68 928,976	1 895 295,623	27,496	27,034	66	90	27 829	6 407,938	27 184,336	4,242	3,780
17	41	98 320	67 354,116	1 826 366,647	27,116	26,654	67	91	23 336	5 255,167	20 776,399	3,954	3,492
18	42	98 221	65 806,164	1 759 012,532	26,730	26,268	68	92	19 112	4 209,230	15 521,232	3,687	3,225
19	43	98 104	64 281,357	1 693 206,368	26,341	25,879	69	93	15 215	3 277,258	11 312,002	3,452	2,990
20	44	97 977	62 785,197	1 628 925,011	25,944	25,482	70	94	11 775	2 480,378	8 034,744	3,239	2,777
21	45	97 844	61 320,224	1 566 139,813	25,540	25,078	71	95	8 869	1 827,105	5 554,367	3,040	2,578
22	46	97 699	59 882,141	1 504 819,589	25,130	24,668	72	96	6 449	1 299,343	3 727,261	2,869	2,407
23	47	97 542	58 470,567	1 444 937,448	24,712	24,250	73	97	4 525	891,743	2 427,919	2,723	2,261
24	48	97 375	57 085,629	1 386 466,881	24,287	23,825	74	98	3 100	597,339	1 536,176	2,572	2,110
25	49	97 182	55 719,231	1 329 381,252	23,859	23,397	75	99	2 045	385,417	938,837	2,436	1,974
26	50	96 976	54 377,338	1 273 662,021	23,423	22,961	76	100	1 297	239,075	553,420	2,315	1,853
27	51	96 755	53 059,319	1 219 284,683	22,980	22,518							
28	52	96 510	51 760,711	1 166 225,364	22,531	22,069							
29	53	96 253	50 486,769	1 114 464,653	22,074	21,612							
30	54	95 967	49 229,133	1 063 977,884	21,613	21,151							
31	55	95 652	47 987,888	1 014 748,751	21,146	20,684							
32	56	95 300	46 759,012	966 760,863	20,675	20,213							
33	57	94 919	45 547,603	920 001,851	20,199	19,737							
34	58	94 497	44 346,894	874 454,248	19,719	19,256							
35	59	94 036	43 159,681	830 107,354	19,233	18,771							
36	60	93 530	41 982,617	786 947,673	18,745	18,283							
37	61	92 968	40 812,219	744 965,056	18,253	17,791							
38	62	92 356	39 651,589	704 152,837	17,759	17,296							
39	63	91 698	38 502,498	664 501,247	17,259	16,797							
40	64	90 973	37 357,514	625 998,749	16,757	16,295							
41	65	90 187	36 219,902	588 641,235	16,252	15,790							
42	66	89 334	35 088,041	552 421,332	15,744	15,282							
43	67	88 427	33 967,284	517 333,291	15,230	14,768							
44	68	87 460	32 856,489	483 366,008	14,711	14,249							
45	69	86 417	31 750,451	450 509,519	14,189	13,727							
46	70	85 259	30 635,569	418 759,068	13,669	13,207							
47	71	84 015	29 524,341	388 123,499	13,146	12,684							
48	72	82 661	28 409,379	358 599,158	12,623	12,161							
49	73	81 212	27 297,091	330 189,779	12,096	11,634							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	3 216 602,695	32,348	31,886	50	75	78 170	25 696,405	285 184,273	11,098	10,636
1	26	99 080	96 900,219	3 117 166,265	32,169	31,707	51	76	76 351	24 546,194	259 487,868	10,571	10,109
2	27	99 039	94 728,150	3 020 266,046	31,884	31,421	52	77	74 393	23 390,362	234 941,674	10,044	9,582
3	28	99 005	92 611,915	2 925 537,896	31,589	31,127	53	78	72 322	22 238,830	211 551,312	9,513	9,051
4	29	98 970	90 541,710	2 832 925,981	31,289	30,827	54	79	70 036	21 062,214	189 312,482	8,988	8,526
5	30	98 934	88 517,398	2 742 384,271	30,981	30,519	55	80	67 539	19 864,141	168 250,267	8,470	8,008
6	31	98 897	86 537,236	2 653 866,873	30,667	30,205	56	81	64 787	18 635,425	148 386,126	7,963	7,501
7	32	98 856	84 598,123	2 567 329,637	30,347	29,885	57	82	61 774	17 378,001	129 750,701	7,466	7,004
8	33	98 813	82 700,721	2 482 731,514	30,021	29,559	58	83	58 455	16 082,264	112 372,700	6,987	6,525
9	34	98 771	80 846,417	2 400 030,793	29,686	29,224	59	84	54 802	14 745,455	96 290,436	6,530	6,068
10	35	98 726	79 030,869	2 319 184,376	29,345	28,883	60	85	50 860	13 383,778	81 544,980	6,093	5,631
11	36	98 672	77 249,960	2 240 153,507	28,999	28,537	61	86	46 662	12 008,830	68 161,203	5,676	5,214
12	37	98 618	75 508,837	2 162 903,547	28,644	28,182	62	87	42 231	10 629,217	56 152,373	5,283	4,821
13	38	98 560	73 803,451	2 087 394,710	28,283	27,821	63	88	37 599	9 255,128	45 523,156	4,919	4,457
14	39	98 496	72 132,716	2 013 591,259	27,915	27,453	64	89	32 907	7 921,929	36 268,028	4,578	4,116
15	40	98 420	70 490,834	1 941 458,543	27,542	27,080	65	90	28 263	6 654,273	28 346,099	4,260	3,798
16	41	98 342	68 885,335	1 870 967,709	27,161	26,699	66	91	23 735	5 465,221	21 691,827	3,969	3,507
17	42	98 248	67 304,749	1 802 082,374	26,775	26,313	67	92	19 464	4 383,186	16 226,606	3,702	3,240
18	43	98 142	65 753,068	1 734 777,625	26,383	25,921	68	93	15 520	3 418,123	11 843,419	3,465	3,003
19	44	98 016	64 223,780	1 669 024,557	25,988	25,526	69	94	12 028	2 590,807	8 425,297	3,252	2,790
20	45	97 884	62 725,812	1 604 800,776	25,584	25,122	70	95	9 073	1 911,239	5 834,489	3,053	2,591
21	46	97 739	61 254,264	1 542 074,964	25,175	24,713	71	96	6 614	1 362,557	3 923,250	2,879	2,417
22	47	97 583	59 811,230	1 480 820,700	24,758	24,296	72	97	4 648	936,420	2 560,693	2,735	2,273
23	48	97 416	58 394,592	1 421 009,471	24,335	23,873	73	98	3 192	628,910	1 624,274	2,583	2,121
24	49	97 227	56 999,023	1 362 614,878	23,906	23,444	74	99	2 111	406,773	995,363	2,447	1,985
25	50	97 019	55 625,397	1 305 615,855	23,472	23,010	75	100	1 343	253,121	588,590	2,325	1,863
26	51	96 797	54 277,071	1 249 990,458	23,030	22,568							
27	52	96 554	52 949,141	1 195 713,387	22,582	22,120							
28	53	96 297	51 646,609	1 142 764,246	22,127	21,665							
29	54	96 014	50 361,633	1 091 117,637	21,666	21,204							
30	55	95 703	49 093,542	1 040 756,004	21,199	20,737							
31	56	95 354	47 838,532	991 662,461	20,729	20,267							
32	57	94 977	46 600,892	943 823,930	20,253	19,791							
33	58	94 563	45 376,513	897 223,037	19,773	19,311							
34	59	94 102	44 161,809	851 846,524	19,289	18,827							
35	60	93 600	42 959,659	807 684,715	18,801	18,339							
36	61	93 050	41 767,380	764 725,056	18,309	17,847							
37	62	92 449	40 584,235	722 957,676	17,814	17,352							
38	63	91 791	39 408,846	682 373,441	17,315	16,853							
39	64	91 078	38 242,214	642 964,596	16,813	16,351							
40	65	90 299	37 080,740	604 722,381	16,308	15,846							
41	66	89 464	35 929,647	567 641,641	15,799	15,337							
42	67	88 552	34 780,748	531 711,994	15,288	14,826							
43	68	87 599	33 649,420	496 931,246	14,768	14,306							
44	69	86 567	32 521,222	463 281,826	14,246	13,784							
45	70	85 419	31 383,851	430 760,604	13,726	13,264							
46	71	84 189	30 251,039	399 376,753	13,202	12,740							
47	72	82 854	29 116,478	369 125,714	12,678	12,216							
48	73	81 425	27 984,718	340 009,237	12,150	11,688							
49	74	79 853	26 840,245	312 024,519	11,625	11,163							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	31 017,737	617 125,196	19,896	19,434
1	0	99 661	97 468,364	3 523 652,119	36,152	35,690	51	50	93 896	30 186,795	586 107,459	19,416	18,954
2	1	99 349	95 024,949	3 426 183,755	36,056	35,594	52	51	93 387	29 362,666	555 920,664	18,933	18,471
3	2	99 314	92 900,907	3 331 158,805	35,857	35,395	53	52	92 821	28 542,402	526 557,997	18,448	17,986
4	3	99 289	90 833,925	3 238 257,899	35,650	35,188	54	53	92 198	27 727,069	498 015,595	17,961	17,499
5	4	99 268	88 816,142	3 147 423,974	35,438	34,976	55	54	91 509	26 914,252	470 288,526	17,474	17,012
6	5	99 250	86 845,864	3 058 607,832	35,219	34,757	56	55	90 738	26 100,234	443 374,274	16,987	16,525
7	6	99 234	84 921,412	2 971 761,968	34,994	34,532	57	56	89 883	25 285,283	417 274,040	16,503	16,041
8	7	99 217	83 038,591	2 886 840,556	34,765	34,303	58	57	88 946	24 471,029	391 988,758	16,018	15,556
9	8	99 205	81 201,283	2 803 801,965	34,529	34,067	59	58	87 927	23 658,490	367 517,729	15,534	15,072
10	9	99 190	79 402,360	2 722 600,682	34,289	33,827	60	59	86 799	22 841,099	343 859,239	15,054	14,592
11	10	99 177	77 645,210	2 643 198,322	34,042	33,580	61	60	85 572	22 022,518	321 018,140	14,577	14,115
12	11	99 165	75 927,167	2 565 553,112	33,790	33,328	62	61	84 231	21 200,515	298 995,622	14,103	13,641
13	12	99 148	74 244,114	2 489 625,945	33,533	33,071	63	62	82 776	20 375,844	277 795,107	13,634	13,172
14	13	99 133	72 599,045	2 415 381,831	33,270	32,808	64	63	81 204	19 548,908	257 419,264	13,168	12,706
15	14	99 113	70 987,128	2 342 782,786	33,003	32,541	65	64	79 515	18 721,107	237 870,356	12,706	12,244
16	15	99 088	69 407,870	2 271 795,658	32,731	32,269	66	65	77 714	17 894,502	219 149,249	12,247	11,785
17	16	99 054	67 857,179	2 202 387,788	32,456	31,994	67	66	75 796	17 068,843	201 254,748	11,791	11,329
18	17	99 015	66 337,812	2 134 530,610	32,177	31,715	68	67	73 774	16 247,875	184 185,905	11,336	10,874
19	18	98 964	64 844,604	2 068 192,798	31,895	31,433	69	68	71 648	15 432,500	167 938,030	10,882	10,420
20	19	98 908	63 381,825	2 003 348,193	31,608	31,146	70	69	69 422	14 623,949	152 505,530	10,428	9,966
21	20	98 851	61 951,352	1 939 966,368	31,314	30,852	71	70	67 076	13 818,776	137 881,580	9,978	9,516
22	21	98 795	60 553,701	1 878 015,016	31,014	30,552	72	71	64 582	13 012,265	124 062,805	9,534	9,072
23	22	98 737	59 186,345	1 817 461,314	30,707	30,245	73	72	62 016	12 220,268	111 050,540	9,087	8,625
24	23	98 678	57 849,926	1 758 274,969	30,394	29,932	74	73	59 328	11 433,307	98 830,271	8,644	8,182
25	24	98 617	56 541,779	1 700 425,043	30,074	29,612	75	74	56 516	10 651,730	87 396,965	8,205	7,743
26	25	98 557	55 264,080	1 643 883,264	29,746	29,284	76	75	53 588	9 877,638	76 745,235	7,770	7,308
27	26	98 495	54 013,680	1 588 619,184	29,411	28,949	77	76	50 543	9 111,443	66 867,597	7,339	6,877
28	27	98 433	52 791,946	1 534 605,503	29,069	28,607	78	77	47 434	8 362,754	57 756,154	6,906	6,444
29	28	98 367	51 595,561	1 481 813,557	28,720	28,258	79	78	44 228	7 625,947	49 393,400	6,477	6,015
30	29	98 295	50 423,309	1 430 217,997	28,364	27,902	80	79	40 896	6 896,284	41 767,453	6,057	5,595
31	30	98 219	49 275,544	1 379 794,688	28,002	27,540	81	80	37 425	6 172,088	34 871,170	5,650	5,188
32	31	98 135	48 149,977	1 330 519,143	27,633	27,171	82	81	33 859	5 461,202	28 699,081	5,255	4,793
33	32	98 043	47 046,521	1 282 369,166	27,257	26,795	83	82	30 236	4 769,479	23 237,880	4,872	4,410
34	33	97 941	45 963,564	1 235 322,645	26,876	26,414	84	83	26 539	4 094,110	18 468,401	4,511	4,049
35	34	97 838	44 904,818	1 189 359,081	26,486	26,024	85	84	22 828	3 444,134	14 374,290	4,174	3,712
36	35	97 727	43 866,782	1 144 454,263	26,089	25,627	86	85	19 194	2 832,115	10 930,156	3,859	3,397
37	36	97 595	42 843,596	1 100 587,481	25,688	25,226	87	86	15 740	2 271,467	8 098,041	3,565	3,103
38	37	97 451	41 839,069	1 057 743,885	25,281	24,819	88	87	12 540	1 769,841	5 826,574	3,292	2,830
39	38	97 303	40 856,190	1 015 904,816	24,865	24,403	89	88	9 640	1 330,564	4 056,733	3,049	2,587
40	39	97 137	39 888,903	975 048,627	24,444	23,982	90	89	7 136	963,243	2 726,169	2,830	2,368
41	40	96 954	38 937,522	935 159,724	24,017	23,555	91	90	5 077	670,199	1 762,927	2,630	2,168
42	41	96 752	38 001,385	896 222,202	23,584	23,122	92	91	3 461	446,836	1 092,728	2,445	1,983
43	42	96 544	37 085,394	858 220,817	23,142	22,680	93	92	2 240	282,869	645,892	2,283	1,821
44	43	96 312	36 182,278	821 135,424	22,694	22,232	94	93	1 374	169,623	363,023	2,140	1,678
45	44	96 059	35 293,097	784 953,145	22,241	21,779	95	94	793	95,747	193,400	2,020	1,558
46	45	95 788	34 419,022	749 660,048	21,780	21,318	96	95	433	51,163	97,653	1,909	1,447
47	46	95 488	33 556,067	715 241,026	21,315	20,853	97	96	221	25,577	46,490	1,818	1,356
48	47	95 152	32 702,380	681 684,959	20,845	20,383	98	97	106	12,025	20,912	1,739	1,277
49	48	94 779	31 857,384	648 982,580	20,371	19,909	99	98	49	5,375	8,887	1,653	1,191
							100	99	21	2,217	3,512	1,584	1,122

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	31 064,866	623 099,494	20,058	19,596
1							51	49	94 054	30 237,717	592 034,629	19,579	19,117
2	0	99 637	95 300,546	3 433 129,179	36,024	35,562	52	50	93 560	29 416,908	561 796,911	19,098	18,636
3	1	99 336	92 921,573	3 337 828,633	35,921	35,459	53	51	93 014	28 601,794	532 380,003	18,614	18,152
4	2	99 302	90 845,862	3 244 907,059	35,719	35,257	54	52	92 402	27 788,326	503 778,209	18,129	17,667
5	3	99 278	88 824,998	3 154 061,197	35,509	35,047	55	53	91 737	26 981,127	475 989,883	17,642	17,180
6	4	99 259	86 853,859	3 065 236,199	35,292	34,830	56	54	90 989	26 172,320	449 008,756	17,156	16,694
7	5	99 241	84 927,182	2 978 382,340	35,070	34,608	57	55	90 163	25 364,226	422 836,436	16,671	16,209
8	6	99 224	83 044,654	2 893 455,158	34,842	34,380	58	56	89 247	24 554,060	397 472,211	16,188	15,726
9	7	99 210	81 205,151	2 810 410,504	34,609	34,147	59	57	88 259	23 747,693	372 918,150	15,703	15,241
10	8	99 197	79 408,083	2 729 205,353	34,369	33,907	60	58	87 163	22 936,828	349 170,457	15,223	14,761
11	9	99 182	77 649,338	2 649 797,270	34,125	33,663	61	59	85 970	22 125,056	326 233,629	14,745	14,283
12	10	99 170	75 931,388	2 572 147,932	33,875	33,413	62	60	84 665	21 309,766	304 108,574	14,271	13,809
13	11	99 156	74 249,824	2 496 216,544	33,619	33,157	63	61	83 241	20 490,306	282 798,808	13,802	13,340
14	12	99 139	72 603,633	2 421 966,720	33,359	32,897	64	62	81 704	19 669,321	262 308,502	13,336	12,874
15	13	99 121	70 992,739	2 349 363,087	33,093	32,631	65	63	80 056	18 848,526	242 639,180	12,873	12,411
16	14	99 097	69 414,274	2 278 370,348	32,823	32,361	66	64	78 294	18 028,068	223 790,654	12,413	11,951
17	15	99 066	67 865,036	2 208 956,074	32,549	32,087	67	65	76 408	17 206,732	205 762,586	11,958	11,496
18	16	99 028	66 346,294	2 141 091,039	32,271	31,809	68	66	74 426	16 391,427	188 555,854	11,503	11,041
19	17	98 977	64 853,012	2 074 744,745	31,991	31,529	69	67	72 325	15 578,281	172 164,426	11,052	10,590
20	18	98 924	63 392,115	2 009 891,733	31,706	31,244	70	68	70 138	14 774,710	156 586,146	10,598	10,136
21	19	98 867	61 961,537	1 946 499,618	31,415	30,953	71	69	67 859	13 980,195	141 811,436	10,144	9,682
22	20	98 811	60 563,615	1 884 538,081	31,117	30,655	72	70	65 403	13 177,668	127 831,241	9,701	9,239
23	21	98 753	59 196,397	1 823 974,466	30,812	30,350	73	71	62 885	12 391,450	114 653,573	9,253	8,791
24	22	98 695	57 859,634	1 764 778,070	30,501	30,039	74	72	60 228	11 606,804	102 262,123	8,811	8,349
25	23	98 633	56 551,029	1 706 918,436	30,184	29,722	75	73	57 478	10 833,032	90 655,319	8,368	7,906
26	24	98 574	55 273,160	1 650 367,407	29,858	29,396	76	74	54 581	10 060,663	79 822,287	7,934	7,472
27	25	98 514	54 024,183	1 595 094,247	29,526	29,064	77	75	51 581	9 298,529	69 761,625	7,502	7,040
28	26	98 451	52 801,357	1 541 070,064	29,186	28,724	78	76	48 508	8 552,175	60 463,095	7,070	6,608
29	27	98 387	51 606,385	1 488 268,707	28,839	28,377	79	77	45 313	7 812,978	51 910,921	6,644	6,182
30	28	98 318	50 435,312	1 436 662,322	28,485	28,023	80	78	42 040	7 089,162	44 097,943	6,220	5,758
31	29	98 243	49 287,707	1 386 227,010	28,125	27,663	81	79	38 615	6 368,285	37 008,781	5,811	5,349
32	30	98 162	48 163,597	1 336 939,303	27,758	27,296	82	80	35 097	5 660,810	30 640,496	5,413	4,951
33	31	98 075	47 061,675	1 288 775,706	27,385	26,923	83	81	31 510	4 970,357	24 979,686	5,026	4,564
34	32	97 974	45 979,009	1 241 714,031	27,006	26,544	84	82	27 848	4 296,034	20 009,329	4,658	4,196
35	33	97 873	44 920,551	1 195 735,022	26,619	26,157	85	83	24 161	3 645,342	15 713,295	4,311	3,848
36	34	97 764	43 883,536	1 150 814,471	26,224	25,762	86	84	20 501	3 025,079	12 067,953	3,989	3,527
37	35	97 641	42 863,611	1 106 930,935	25,824	25,362	87	85	16 993	2 452,178	9 042,874	3,688	3,226
38	36	97 498	41 859,029	1 064 067,324	25,420	24,958	88	86	13 709	1 934,841	6 590,696	3,406	2,944
39	37	97 352	40 876,830	1 022 208,295	25,007	24,545	89	87	10 700	1 476,919	4 655,855	3,152	2,690
40	38	97 191	39 911,018	981 331,465	24,588	24,126	90	88	8 047	1 086,328	3 178,937	2,926	2,464
41	39	97 017	38 962,873	941 420,448	24,162	23,700	91	89	5 827	769,288	2 092,609	2,720	2,258
42	40	96 813	38 025,460	902 457,575	23,733	23,271	92	90	4 058	523,913	1 323,321	2,526	2,064
43	41	96 615	37 112,595	864 432,115	23,292	22,830	93	91	2 686	339,142	799,408	2,357	1,895
44	42	96 390	36 211,495	827 319,520	22,847	22,385	94	92	1 691	208,881	460,266	2,203	1,741
45	43	96 145	35 324,738	791 108,024	22,395	21,933	95	93	1 003	121,116	251,385	2,076	1,614
46	44	95 879	34 451,608	755 783,287	21,938	21,476	96	94	562	66,399	130,269	1,962	1,500
47	45	95 590	33 592,201	721 331,679	21,473	21,011	97	95	297	34,298	63,870	1,862	1,400
48	46	95 265	32 741,151	687 739,478	21,005	20,543	98	96	148	16,686	29,572	1,772	1,310
49	47	94 902	31 898,832	654 998,327	20,534	20,072	99	97	69	7,621	12,886	1,691	1,229
							100	98	30	3,255	5,265	1,618	1,156

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	31 105,283	628 619,976	20,209	19,747
1							51	48	94 197	30 283,661	597 514,693	19,731	19,269
2							52	49	93 718	29 466,532	567 231,032	19,250	18,788
3	0	99 624	93 191,070	3 344 257,612	35,886	35,424	53	50	93 186	28 654,630	537 764,501	18,767	18,305
4	1	99 324	90 866,072	3 251 066,542	35,779	35,317	54	51	92 594	27 846,149	509 109,870	18,283	17,821
5	2	99 291	88 836,672	3 160 200,470	35,573	35,111	55	52	91 939	27 040,736	481 263,722	17,798	17,336
6	3	99 269	86 862,519	3 071 363,798	35,359	34,897	56	53	91 215	26 237,351	454 222,986	17,312	16,850
7	4	99 250	84 935,001	2 984 501,279	35,139	34,677	57	54	90 412	25 434,279	427 985,635	16,827	16,365
8	5	99 231	83 050,297	2 899 566,279	34,913	34,451	58	55	89 526	24 630,720	402 551,356	16,343	15,881
9	6	99 217	81 211,080	2 816 515,982	34,681	34,219	59	56	88 558	23 828,271	377 920,635	15,860	15,398
10	7	99 202	79 411,866	2 735 304,901	34,445	33,983	60	57	87 492	23 023,310	354 092,365	15,380	14,918
11	8	99 189	77 654,934	2 655 893,036	34,201	33,739	61	58	86 330	22 217,783	331 069,055	14,901	14,439
12	9	99 175	75 935,424	2 578 238,102	33,953	33,491	62	59	85 059	21 408,985	308 851,271	14,426	13,964
13	10	99 161	74 253,952	2 502 302,678	33,699	33,237	63	60	83 670	20 595,897	287 442,287	13,956	13,494
14	11	99 147	72 609,217	2 428 048,726	33,440	32,978	64	61	82 163	19 779,815	266 846,389	13,491	13,029
15	12	99 127	70 997,226	2 355 439,509	33,177	32,714	65	62	80 549	18 964,626	247 066,574	13,028	12,566
16	13	99 105	69 419,761	2 284 442,283	32,908	32,446	66	63	78 827	18 150,771	228 101,948	12,567	12,105
17	14	99 075	67 871,297	2 215 022,522	32,636	32,174	67	64	76 979	17 335,165	209 951,177	12,111	11,649
18	15	99 039	66 353,976	2 147 151,226	32,359	31,897	68	65	75 027	16 523,844	192 616,012	11,657	11,195
19	16	98 989	64 861,304	2 080 797,250	32,081	31,619	69	66	72 964	15 715,917	176 092,168	11,205	10,743
20	17	98 937	63 400,335	2 015 935,946	31,797	31,335	70	67	70 800	14 914,277	160 376,251	10,753	10,291
21	18	98 883	61 971,596	1 952 535,611	31,507	31,045	71	68	68 559	14 124,319	145 461,974	10,299	9,837
22	19	98 827	60 573,571	1 890 564,014	31,211	30,749	72	69	66 167	13 331,599	131 337,655	9,852	9,390
23	20	98 769	59 206,087	1 829 990,443	30,909	30,447	73	70	63 684	12 548,961	118 006,056	9,460	8,942
24	21	98 712	57 869,460	1 770 784,356	30,600	30,138	74	71	61 072	11 769,392	105 457,095	8,964	8,498
25	22	98 650	56 560,518	1 712 914,896	30,285	29,823	75	72	58 350	10 997,420	93 687,703	8,519	8,057
26	23	98 590	55 282,202	1 656 354,378	29,962	29,500	76	73	55 510	10 231,904	82 690,283	8,082	7,620
27	24	98 530	54 033,059	1 601 072,176	29,631	29,169	77	74	52 537	9 470,823	72 458,379	7,651	7,189
28	25	98 470	52 811,625	1 547 039,117	29,294	28,832	78	75	49 504	8 727,777	62 987,555	7,217	6,755
29	26	98 405	51 615,585	1 494 227,492	28,949	28,487	79	76	46 339	7 989,946	54 259,778	6,791	6,329
30	27	98 339	50 445,893	1 442 611,907	28,597	28,135	80	77	43 071	7 263,027	46 269,832	6,371	5,909
31	28	98 266	49 299,440	1 392 166,014	28,239	27,777	81	78	39 695	6 546,396	39 006,805	5,959	5,497
32	29	98 187	48 175,485	1 342 866,575	27,874	27,412	82	79	36 213	5 840,755	32 460,409	5,558	5,096
33	30	98 102	47 074,987	1 294 691,089	27,503	27,041	83	80	32 661	5 152,026	26 619,654	5,167	4,705
34	31	98 006	45 993,819	1 247 616,102	27,126	26,664	84	81	29 020	4 476,972	21 467,629	4,795	4,333
35	32	97 905	44 935,645	1 201 622,283	26,741	26,279	85	82	25 353	3 825,132	16 990,657	4,442	3,980
36	33	97 799	43 898,911	1 156 686,639	26,349	25,887	86	83	21 699	3 201,805	13 165,525	4,112	3,650
37	34	97 678	42 879,982	1 112 787,728	25,951	25,489	87	84	18 150	2 619,255	9 963,720	3,804	3,342
38	35	97 543	41 878,584	1 069 907,746	25,548	25,086	88	85	14 800	2 088,770	7 344,465	3,516	3,054
39	36	97 399	40 896,331	1 028 029,162	25,137	24,675	89	86	11 698	1 614,610	5 255,695	3,255	2,793
40	37	97 240	39 931,180	987 132,830	24,721	24,259	90	87	8 933	1 205,818	3 641,084	3,020	2,558
41	38	97 071	38 984,475	947 201,650	24,297	23,835	91	88	6 572	867,589	2 435,266	2,807	2,345
42	39	96 876	38 050,217	908 217,175	23,869	23,407	92	89	4 658	601,373	1 567,677	2,607	2,145
43	40	96 676	37 136,107	870 166,958	23,432	22,970	93	90	3 149	397,642	966,304	2,430	1,968
44	41	96 461	36 238,056	833 030,851	22,988	22,526	94	91	2 028	250,435	568,662	2,271	1,809
45	42	96 223	35 353,262	796 792,795	22,538	22,076	95	92	1 235	149,148	318,227	2,134	1,672
46	43	95 965	34 482,494	761 439,533	22,082	21,620	96	93	711	83,992	169,079	2,013	1,551
47	44	95 681	33 624,004	726 957,039	21,620	21,158	97	94	385	44,511	85,087	1,912	1,450
48	45	95 368	32 776,408	693 333,035	21,153	20,691	98	95	198	22,375	40,576	1,813	1,351
49	46	95 015	31 936,651	660 556,628	20,683	20,221	99	96	96	10,574	18,201	1,721	1,259
							100	97	43	4,616	7,626	1,652	1,190

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	31 142,161	633 711,461	20,349	19,887
1							51	47	94 320	30 323,062	602 569,299	19,872	19,410
2							52	48	93 860	29 511,304	572 246,238	19,391	18,929
3							53	49	93 343	28 702,968	542 734,934	18,909	18,447
4	0	99 612	91 129,607	3 257 008,886	35,740	35,278	54	50	92 765	27 897,589	514 031,966	18,426	17,964
5	1	99 313	88 856,434	3 165 879,279	35,629	35,167	55	51	92 131	27 097,003	486 134,377	17,941	17,479
6	2	99 282	86 873,934	3 077 022,845	35,419	34,957	56	52	91 416	26 295,317	459 037,374	17,457	16,995
7	3	99 260	84 943,469	2 990 148,910	35,202	34,740	57	53	90 637	25 497,476	432 742,057	16,972	16,510
8	4	99 240	83 057,943	2 905 205,441	34,978	34,516	58	54	89 773	24 698,748	407 244,581	16,488	16,026
9	5	99 224	81 216,599	2 822 147,498	34,748	34,286	59	55	88 835	23 902,665	382 545,833	16,004	15,542
10	6	99 209	79 417,664	2 740 930,900	34,513	34,051	60	56	87 789	23 101,429	358 643,168	15,525	15,063
11	7	99 194	77 658,633	2 661 513,235	34,272	33,810	61	57	86 656	22 301,554	335 541,739	15,046	14,584
12	8	99 183	75 940,897	2 583 854,603	34,025	33,563	62	58	85 416	21 498,711	313 240,184	14,570	14,108
13	9	99 167	74 257,899	2 507 913,706	33,773	33,311	63	59	84 060	20 691,793	291 741,473	14,099	13,637
14	10	99 152	72 613,254	2 433 655,807	33,515	33,053	64	60	82 586	19 881,745	271 049,680	13,633	13,171
15	11	99 134	71 002,686	2 361 042,553	33,253	32,791	65	61	81 001	19 071,161	251 167,935	13,170	12,708
16	12	99 111	69 424,148	2 290 039,867	32,986	32,524	66	62	79 312	18 262,573	232 096,774	12,709	12,247
17	13	99 082	67 876,662	2 220 615,719	32,715	32,253	67	63	77 503	17 453,152	213 834,202	12,252	11,790
18	14	99 048	66 360,097	2 152 739,057	32,440	31,978	68	64	75 587	16 647,180	196 381,050	11,797	11,335
19	15	99 001	64 868,814	2 086 378,960	32,163	31,701	69	65	73 553	15 842,877	179 733,870	11,345	10,883
20	16	98 949	63 408,441	2 021 510,145	31,881	31,419	70	66	71 426	15 046,046	163 890,993	10,893	10,431
21	17	98 896	61 979,632	1 958 101,704	31,593	31,131	71	67	69 206	14 257,742	148 844,947	10,440	9,978
22	18	98 843	60 583,405	1 896 122,072	31,298	30,836	72	68	66 849	13 469,036	134 587,204	9,992	9,530
23	19	98 786	59 215,821	1 835 538,667	30,997	30,535	73	69	64 428	12 695,548	121 118,168	9,540	9,078
24	20	98 728	57 878,933	1 776 322,847	30,690	30,228	74	70	61 848	11 918,997	108 422,620	9,097	8,635
25	21	98 667	56 570,124	1 718 443,913	30,377	29,915	75	71	59 167	11 151,472	96 503,624	8,654	8,192
26	22	98 606	55 291,478	1 661 873,790	30,057	29,595	76	72	56 352	10 387,171	85 352,152	8,217	7,755
27	23	98 546	54 041,898	1 606 582,311	29,728	29,266	77	73	53 431	9 632,025	74 964,981	7,783	7,321
28	24	98 486	52 820,301	1 552 540,413	29,393	28,931	78	74	50 422	8 889,496	65 332,956	7,349	6,887
29	25	98 424	51 625,622	1 499 720,111	29,050	28,588	79	75	47 290	8 154,004	56 443,460	6,922	6,460
30	26	98 356	50 454,886	1 448 094,490	28,701	28,239	80	76	44 046	7 427,539	48 289,455	6,501	6,039
31	27	98 287	49 309,782	1 397 639,604	28,344	27,882	81	77	40 668	6 706,950	40 861,917	6,092	5,630
32	28	98 210	48 186,953	1 348 329,822	27,981	27,519	82	78	37 226	6 004,111	34 154,967	5,689	5,227
33	29	98 127	47 086,606	1 300 142,868	27,612	27,150	83	79	33 700	5 315,797	28 150,856	5,296	4,834
34	30	98 034	46 006,829	1 253 056,262	27,236	26,774	84	80	30 081	4 640,607	22 835,059	4,921	4,459
35	31	97 937	44 950,119	1 207 049,433	26,853	26,391	85	81	26 421	3 986,237	18 194,452	4,564	4,102
36	32	97 832	43 913,662	1 162 099,314	26,463	26,001	86	82	22 769	3 359,720	14 208,215	4,229	3,767
37	33	97 712	42 895,005	1 118 185,652	26,068	25,606	87	83	19 211	2 772,273	10 848,496	3,913	3,451
38	34	97 581	41 894,579	1 075 290,647	25,667	25,205	88	84	15 808	2 231,087	8 076,223	3,620	3,158
39	35	97 444	40 915,436	1 033 396,068	25,257	24,795	89	85	12 628	1 743,063	5 845,136	3,353	2,891
40	36	97 286	39 950,231	992 480,632	24,843	24,381	90	86	9 765	1 318,235	4 102,073	3,112	2,650
41	37	97 120	39 004,169	952 530,401	24,421	23,959	91	87	7 295	963,019	2 783,838	2,891	2,429
42	38	96 930	38 071,313	913 526,232	23,995	23,533	92	88	5 253	678,218	1 820,818	2,685	2,223
43	39	96 739	37 160,285	875 454,919	23,559	23,097	93	89	3 615	456,433	1 142,600	2,503	2,041
44	40	96 522	36 261,014	838 294,634	23,118	22,656	94	90	2 378	293,634	686,167	2,337	1,875
45	41	96 294	35 379,193	802 033,620	22,670	22,208	95	91	1 481	178,819	392,533	2,195	1,733
46	42	96 042	34 510,339	766 654,427	22,215	21,753	96	92	876	103,431	213,714	2,066	1,604
47	43	95 767	33 654,148	732 144,088	21,755	21,293	97	93	487	56,305	110,283	1,959	1,497
48	44	95 458	32 807,439	698 489,941	21,291	20,829	98	94	257	29,038	53,978	1,859	1,397
49	45	95 117	31 971,041	665 682,502	20,821	20,359	99	95	128	14,179	24,940	1,759	1,297
							100	96	59	6,404	10,760	1,680	1,218

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	31 175,696	638 399,486	20,477	20,015
1							51	46	94 431	30 359,013	607 223,790	20,001	19,539
2							52	47	93 982	29 549,700	576 864,777	19,522	19,060
3							53	48	93 485	28 746,580	547 315,078	19,039	18,577
4							54	49	92 922	27 944,650	518 568,498	18,557	18,095
5	0	99 601	89 114,141	3 171 365,206	35,588	35,126	55	50	92 301	27 147,059	490 623,848	18,073	17,611
6	1	99 304	86 893,261	3 082 251,065	35,472	35,010	56	51	91 607	26 350,033	463 476,789	17,589	17,127
7	2	99 273	84 954,633	2 995 357,804	35,258	34,796	57	52	90 837	25 553,808	437 126,756	17,106	16,644
8	3	99 250	83 066,224	2 910 403,171	35,037	34,575	58	53	89 996	24 760,117	411 572,948	16,622	16,160
9	4	99 233	81 224,075	2 827 336,947	34,809	34,347	59	54	89 080	23 968,681	386 812,831	16,138	15,676
10	5	99 216	79 423,061	2 746 112,871	34,576	34,114	60	55	88 063	23 173,554	362 844,149	15,658	15,196
11	6	99 201	77 664,303	2 666 689,811	34,336	33,874	61	56	86 950	22 377,225	339 670,595	15,179	14,717
12	7	99 187	75 944,514	2 589 025,507	34,091	33,629	62	57	85 738	21 579,771	317 293,370	14,703	14,241
13	8	99 174	74 263,251	2 513 080,993	33,840	33,378	63	58	84 412	20 778,513	295 713,599	14,232	13,770
14	9	99 157	72 617,113	2 438 817,742	33,585	33,123	64	59	82 971	19 974,315	274 935,086	13,764	13,302
15	10	99 140	71 006,634	2 366 200,629	33,324	32,862	65	60	81 419	19 169,439	254 960,770	13,300	12,838
16	11	99 119	69 429,488	2 295 193,995	33,058	32,596	66	61	79 758	18 365,164	235 791,331	12,839	12,377
17	12	99 089	67 880,951	2 225 764,508	32,789	32,327	67	62	77 980	17 560,657	217 426,168	12,381	11,919
18	13	99 056	66 365,343	2 157 883,556	32,515	32,053	68	63	76 101	16 760,484	199 865,511	11,925	11,463
19	14	99 010	64 874,799	2 091 518,213	32,239	31,777	69	64	74 102	15 961,130	183 105,027	11,472	11,010
20	15	98 961	63 415,783	2 026 643,414	31,958	31,496	70	65	72 003	15 167,595	167 143,897	11,020	10,558
21	16	98 909	61 987,557	1 963 227,631	31,671	31,209	71	66	69 818	14 383,711	151 976,303	10,566	10,104
22	17	98 856	60 591,261	1 901 240,075	31,378	30,916	72	67	67 481	13 596,269	137 592,591	10,120	9,658
23	18	98 802	59 225,434	1 840 648,814	31,079	30,617	73	68	65 092	12 826,429	123 996,322	9,667	9,205
24	19	98 744	57 888,448	1 781 423,380	30,773	30,311	74	69	62 570	12 058,224	111 169,894	9,219	8,757
25	20	98 683	56 579,385	1 723 534,932	30,462	30,000	75	70	59 919	11 293,222	99 111,669	8,776	8,314
26	21	98 623	55 300,868	1 666 955,547	30,143	29,681	76	71	57 141	10 532,674	87 818,447	8,338	7,876
27	22	98 563	54 050,967	1 611 654,678	29,817	29,355	77	72	54 242	9 778,189	77 285,773	7,904	7,442
28	23	98 502	52 828,942	1 557 603,712	29,484	29,022	78	73	51 280	9 040,803	67 507,584	7,467	7,005
29	24	98 440	51 634,103	1 504 774,770	29,143	28,681	79	74	48 167	8 305,091	58 466,781	7,040	6,578
30	25	98 376	50 464,697	1 453 140,666	28,795	28,333	80	75	44 951	7 580,049	50 161,690	6,618	6,156
31	26	98 304	49 318,573	1 402 675,969	28,441	27,979	81	76	41 589	6 858,865	42 581,641	6,208	5,746
32	27	98 231	48 197,062	1 353 357,396	28,080	27,618	82	77	38 138	6 151,365	35 722,775	5,807	5,345
33	28	98 150	47 097,815	1 305 160,334	27,712	27,250	83	78	34 642	5 464,471	29 571,410	5,412	4,950
34	29	98 058	46 018,185	1 258 062,519	27,338	26,876	84	79	31 037	4 788,121	24 106,938	5,035	4,573
35	30	97 965	44 962,834	1 212 044,334	26,957	26,495	85	80	27 386	4 131,935	19 318,817	4,675	4,213
36	31	97 863	43 927,806	1 167 081,500	26,568	26,106	86	81	23 728	3 501,223	15 186,882	4,338	3,876
37	32	97 745	42 909,419	1 123 153,694	26,175	25,713	87	82	20 158	2 909,002	11 685,659	4,017	3,555
38	33	97 615	41 909,257	1 080 244,275	25,776	25,314	88	83	16 732	2 361,428	8 776,657	3,717	3,255
39	34	97 482	40 931,064	1 038 335,018	25,368	24,906	89	84	13 489	1 861,825	6 415,229	3,446	2,984
40	35	97 332	39 968,894	997 403,954	24,955	24,492	90	85	10 542	1 423,110	4 553,404	3,200	2,738
41	36	97 166	39 022,777	957 435,060	24,535	24,073	91	86	7 975	1 052,800	3 130,294	2,973	2,511
42	37	96 979	38 090,546	918 412,283	24,111	23,649	92	87	5 831	752,819	2 077,494	2,760	2,298
43	38	96 793	37 180,887	880 321,737	23,677	23,215	93	88	4 077	514,757	1 324,675	2,573	2,111
44	39	96 585	36 284,622	843 140,850	23,237	22,775	94	89	2 729	337,048	809,918	2,403	1,941
45	40	96 355	35 401,607	806 856,228	22,792	22,329	95	90	1 736	209,664	472,870	2,255	1,793
46	41	96 113	34 535,651	771 454,621	22,338	21,876	96	91	1 050	124,008	263,206	2,122	1,660
47	42	95 844	33 681,324	736 918,969	21,879	21,417	97	92	600	69,336	139,198	2,008	1,546
48	43	95 543	32 836,850	703 237,646	21,416	20,954	98	93	325	36,732	69,862	1,902	1,440
49	44	95 207	32 001,310	670 400,795	20,949	20,487	99	94	167	18,402	33,130	1,800	1,338
							100	95	79	8,588	14,728	1,715	1,253

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	31 205,211	642 708,975	20,596	20,134
1							51	45	94 533	30 391,704	611 503,764	20,121	19,659
2							52	46	94 094	29 584,734	581 112,060	19,642	19,180
3							53	47	93 607	28 783,981	551 527,326	19,161	18,699
4							54	48	93 063	27 987,109	522 743,346	18,678	18,216
5							55	49	92 456	27 192,854	494 756,237	18,194	17,732
6	0	99 592	87 145,274	3 087 310,744	35,427	34,965	56	50	91 776	26 398,710	467 563,383	17,712	17,250
7	1	99 295	84 973,532	3 000 165,471	35,307	34,845	57	51	91 026	25 606,981	441 164,673	17,228	16,766
8	2	99 263	83 077,141	2 915 191,939	35,090	34,628	58	52	90 195	24 814,820	415 557,692	16,746	16,284
9	3	99 243	81 232,174	2 832 114,798	34,864	34,402	59	53	89 301	24 028,237	390 742,872	16,262	15,800
10	4	99 225	79 430,372	2 750 882,624	34,633	34,171	60	54	88 306	23 237,557	366 714,635	15,781	15,319
11	5	99 208	77 669,581	2 671 452,251	34,395	33,933	61	55	87 221	22 447,089	343 477,078	15,302	14,840
12	6	99 195	75 950,060	2 593 782,671	34,151	33,689	62	56	86 029	21 652,993	321 029,990	14,826	14,364
13	7	99 179	74 266,788	2 517 832,611	33,903	33,441	63	57	84 730	20 856,858	299 376,997	14,354	13,892
14	8	99 165	72 622,347	2 443 565,823	33,648	33,186	64	58	83 318	20 058,029	278 520,139	13,886	13,424
15	9	99 145	71 010,408	2 370 943,476	33,389	32,927	65	59	81 798	19 258,693	258 462,110	13,421	12,959
16	10	99 125	69 433,348	2 299 933,068	33,124	32,662	66	60	80 169	18 459,804	239 203,417	12,958	12,496
17	11	99 096	67 886,172	2 230 499,720	32,856	32,394	67	61	78 418	17 659,305	220 743,614	12,500	12,038
18	12	99 062	66 369,537	2 162 613,548	32,584	32,122	68	62	76 570	16 863,722	203 084,309	12,043	11,581
19	13	99 018	64 879,927	2 096 244,011	32,310	31,848	69	63	74 607	16 069,764	186 220,587	11,588	11,126
20	14	98 970	63 421,634	2 031 364,084	32,030	31,567	70	64	72 540	15 280,807	170 150,823	11,135	10,673
21	15	98 920	61 994,734	1 967 942,450	31,744	31,282	71	65	70 382	14 499,909	154 870,016	10,681	10,219
22	16	98 869	60 599,008	1 905 947,716	31,452	30,990	72	66	68 077	13 716,394	140 370,106	10,234	9,772
23	17	98 815	59 233,114	1 845 348,709	31,154	30,692	73	67	65 707	12 947,591	126 653,712	9,782	9,320
24	18	98 760	57 897,846	1 786 115,595	30,849	30,387	74	68	63 215	12 182,535	113 706,121	9,334	8,872
25	19	98 699	56 588,686	1 728 217,748	30,540	30,078	75	69	60 619	11 425,140	101 523,586	8,886	8,424
26	20	98 639	55 309,922	1 671 629,062	30,223	29,761	76	70	57 868	10 666,558	90 098,446	8,447	7,985
27	21	98 580	54 060,146	1 616 319,141	29,899	29,437	77	71	55 002	9 915,162	79 431,888	8,011	7,549
28	22	98 518	52 837,807	1 562 258,994	29,567	29,105	78	72	52 058	9 177,995	69 516,727	7,574	7,112
29	23	98 456	51 642,550	1 509 421,187	29,228	28,766	79	73	48 986	8 446,452	60 338,731	7,144	6,682
30	24	98 392	50 472,988	1 457 778,637	28,882	28,420	80	74	45 784	7 720,501	51 892,280	6,721	6,259
31	25	98 324	49 328,163	1 407 305,649	28,529	28,067	81	75	42 443	6 999,699	44 171,778	6,311	5,849
32	26	98 248	48 205,655	1 357 977,486	28,171	27,708	82	76	39 002	6 290,697	37 172,079	5,909	5,447
33	27	98 171	47 107,696	1 309 771,832	27,804	27,342	83	77	35 492	5 598,490	30 881,382	5,516	5,054
34	28	98 081	46 029,139	1 262 664,136	27,432	26,970	84	78	31 905	4 922,037	25 282,892	5,137	4,675
35	29	97 989	44 973,932	1 216 634,997	27,052	26,590	85	79	28 257	4 263,280	20 360,855	4,776	4,314
36	30	97 891	43 940,232	1 171 661,065	26,665	26,203	86	80	24 595	3 629,193	16 097,574	4,436	3,974
37	31	97 777	42 923,240	1 127 720,833	26,273	25,811	87	81	21 007	3 031,522	12 468,381	4,113	3,651
38	32	97 648	41 923,339	1 084 797,592	25,876	25,414	88	82	17 557	2 477,895	9 436,859	3,808	3,346
39	33	97 516	40 945,404	1 042 874,253	25,470	25,008	89	83	14 277	1 970,594	6 958,964	3,531	3,069
40	34	97 369	39 984,160	1 001 928,849	25,058	24,596	90	84	11 261	1 520,072	4 988,370	3,282	2,820
41	35	97 211	39 041,007	961 944,690	24,639	24,177	91	85	8 609	1 136,558	3 468,298	3,052	2,590
42	36	97 025	38 108,718	922 903,683	24,218	23,756	92	86	6 374	823,003	2 331,741	2,833	2,371
43	37	96 842	37 199,671	884 794,964	23,785	23,323	93	87	4 525	571,378	1 508,737	2,641	2,179
44	38	96 638	36 304,739	847 595,294	23,347	22,885	94	88	3 078	380,117	937,360	2,466	2,004
45	39	96 417	35 424,656	811 290,555	22,902	22,440	95	89	1 993	240,663	557,243	2,315	1,853
46	40	96 173	34 557,531	775 865,899	22,451	21,989	96	90	1 231	145,398	316,580	2,177	1,715
47	41	95 914	33 706,028	741 308,368	21,993	21,531	97	91	720	83,130	171,182	2,059	1,597
48	42	95 621	32 863,366	707 602,340	21,532	21,070	98	92	400	45,233	88,052	1,947	1,485
49	43	95 293	32 029,999	674 738,974	21,066	20,604	99	93	211	23,278	42,819	1,839	1,377
							100	94	103	11,145	19,541	1,753	1,291

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	31 233,187	646 666,994	20,704	20,242
1							51	44	94 623	30 420,477	615 433,807	20,231	19,769
2							52	45	94 195	29 616,591	585 013,330	19,753	19,291
3							53	46	93 718	28 818,107	555 396,739	19,272	18,810
4							54	47	93 184	28 023,522	526 578,633	18,791	18,329
5							55	48	92 597	27 234,171	498 555,111	18,306	17,844
6							56	49	91 931	26 443,242	471 320,939	17,824	17,362
7	0	99 583	85 219,977	3 004 828,609	35,260	34,798	57	50	91 195	25 654,285	444 877,698	17,341	16,879
8	1	99 285	83 095,623	2 919 608,632	35,136	34,674	58	51	90 383	24 866,455	419 223,413	16,859	16,397
9	2	99 256	81 242,850	2 836 513,009	34,914	34,452	59	52	89 499	24 081,323	394 356,958	16,376	15,914
10	3	99 235	79 438,292	2 755 270,160	34,684	34,222	60	53	88 525	23 295,296	370 275,635	15,895	15,433
11	4	99 217	77 676,731	2 675 831,867	34,448	33,986	61	54	87 462	22 509,085	346 980,339	15,415	14,953
12	5	99 201	75 955,220	2 598 155,136	34,206	33,744	62	55	86 297	21 720,595	324 471,254	14,938	14,476
13	6	99 186	74 272,211	2 522 199,916	33,959	33,497	63	56	85 018	20 927,626	302 750,659	14,467	14,005
14	7	99 169	72 625,806	2 447 927,705	33,706	33,244	64	57	83 632	20 133,657	281 823,032	13,998	13,536
15	8	99 152	71 015,526	2 375 301,899	33,448	32,986	65	58	82 141	19 339,407	261 689,376	13,531	13,069
16	9	99 130	69 437,038	2 304 286,373	33,185	32,723	66	59	80 542	18 545,753	242 349,968	13,068	12,606
17	10	99 102	67 889,946	2 234 849,334	32,919	32,457	67	60	78 822	17 750,307	223 804,215	12,608	12,146
18	11	99 070	66 374,642	2 166 959,388	32,647	32,185	68	61	77 000	16 958,455	206 053,908	12,151	11,688
19	12	99 024	64 884,028	2 100 584,746	32,374	31,912	69	62	75 066	16 168,748	189 095,453	11,695	11,233
20	13	98 978	63 426,647	2 035 700,719	32,095	31,633	70	63	73 034	15 384,811	172 926,705	11,240	10,778
21	14	98 929	62 000,453	1 972 274,072	31,811	31,349	71	64	70 907	14 608,138	157 541,894	10,785	10,323
22	15	98 880	60 606,024	1 910 273,619	31,520	31,058	72	65	68 627	13 827,201	142 933,756	10,337	9,875
23	16	98 827	59 240,687	1 849 667,594	31,223	30,761	73	66	66 287	13 061,985	129 106,554	9,884	9,422
24	17	98 773	57 905,354	1 790 426,907	30,920	30,458	74	67	63 813	12 297,615	116 044,569	9,436	8,974
25	18	98 715	56 597,873	1 732 521,553	30,611	30,149	75	68	61 244	11 542,924	103 746,955	8,988	8,526
26	19	98 655	55 319,014	1 675 923,680	30,296	29,834	76	69	58 544	10 791,156	92 204,031	8,544	8,082
27	20	98 596	54 068,996	1 620 604,666	29,973	29,511	77	70	55 701	10 041,196	81 412,875	8,108	7,646
28	21	98 535	52 846,780	1 566 535,670	29,643	29,181	78	71	52 787	9 306,561	71 371,678	7,669	7,207
29	22	98 473	51 651,216	1 513 688,889	29,306	28,844	79	72	49 730	8 574,624	62 065,118	7,238	6,776
30	23	98 408	50 481,245	1 462 037,673	28,962	28,500	80	73	46 563	7 851,911	53 490,494	6,812	6,350
31	24	98 340	49 336,267	1 411 556,429	28,611	28,149	81	74	43 230	7 129,398	45 638,582	6,401	5,939
32	25	98 267	48 215,028	1 362 220,161	28,253	27,791	82	75	39 803	6 419,865	38 509,184	5,998	5,536
33	26	98 188	47 116,094	1 314 005,133	27,889	27,427	83	76	36 296	5 725,299	32 089,320	5,605	5,143
34	27	98 102	46 038,796	1 266 889,039	27,518	27,056	84	77	32 688	5 042,753	26 364,021	5,228	4,766
35	28	98 012	44 984,638	1 220 850,243	27,139	26,677	85	78	29 047	4 382,517	21 321,268	4,865	4,403
36	29	97 915	43 951,078	1 175 865,606	26,754	26,292	86	79	25 377	3 744,557	16 938,750	4,524	4,062
37	30	97 804	42 935,382	1 131 914,528	26,363	25,901	87	80	21 775	3 142,325	13 194,193	4,199	3,737
38	31	97 679	41 936,843	1 088 979,146	25,967	25,505	88	81	18 297	2 582,257	10 051,868	3,893	3,431
39	32	97 548	40 959,162	1 047 042,303	25,563	25,101	89	82	14 981	2 067,784	7 469,610	3,612	3,150
40	33	97 403	39 998,168	1 006 083,141	25,153	24,691	90	83	11 918	1 608,875	5 401,826	3,358	2,896
41	34	97 248	39 055,918	966 084,973	24,736	24,274	91	84	9 196	1 213,996	3 792,951	3,124	2,662
42	35	97 070	38 126,521	927 029,055	24,315	23,853	92	85	6 881	888,478	2 578,955	2,903	2,441
43	36	96 888	37 217,418	888 902,533	23,884	23,422	93	86	4 947	624,647	1 690,476	2,706	2,244
44	37	96 687	36 323,080	851 685,115	23,447	22,985	94	87	3 417	421,927	1 065,830	2,526	2,064
45	38	96 471	35 444,296	815 362,036	23,004	22,542	95	88	2 247	271,416	643,902	2,372	1,910
46	39	96 236	34 580,030	779 917,740	22,554	22,092	96	89	1 413	166,895	372,487	2,232	1,770
47	40	95 975	33 727,382	745 337,710	22,099	21,637	97	90	844	97,469	205,591	2,109	1,647
48	41	95 691	32 887,471	711 610,328	21,638	21,176	98	91	480	54,232	108,122	1,994	1,532
49	42	95 370	32 055,863	678 722,857	21,173	20,711	99	92	259	28,665	53,890	1,880	1,418
							100	93	130	14,098	25,225	1,789	1,327

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	31 258,408	650 298,602	20,804	20,342
1							51	43	94 707	30 447,749	619 040,194	20,331	19,869
2							52	44	94 284	29 644,630	588 592,445	19,855	19,393
3							53	45	93 819	28 849,139	558 947,815	19,375	18,913
4							54	46	93 295	28 056,747	530 098,676	18,894	18,432
5							55	47	92 717	27 269,604	502 041,930	18,410	17,948
6							56	48	92 070	26 483,420	474 772,325	17,927	17,465
7							57	49	91 348	25 697,561	448 288,905	17,445	16,983
8	0	99 573	83 336,621	2 923 904,082	35,085	34,623	58	50	90 550	24 912,391	422 591,344	16,963	16,501
9	1	99 278	81 260,923	2 840 567,460	34,956	34,494	59	51	89 685	24 131,432	397 678,953	16,480	16,018
10	2	99 248	79 448,732	2 759 306,537	34,731	34,269	60	52	88 721	23 346,762	373 547,522	16,000	15,538
11	3	99 227	77 684,476	2 679 857,805	34,497	34,035	61	53	87 679	22 565,014	350 200,759	15,520	15,058
12	4	99 210	75 962,213	2 602 173,329	34,256	33,794	62	54	86 536	21 780,585	327 635,745	15,043	14,581
13	5	99 193	74 277,258	2 526 211,116	34,011	33,549	63	55	85 283	20 992,965	305 855,160	14,569	14,107
14	6	99 177	72 631,109	2 451 933,858	33,759	33,297	64	56	83 916	20 201,972	284 862,196	14,101	13,639
15	7	99 157	71 018,909	2 379 302,749	33,502	33,040	65	57	82 450	19 412,325	264 660,224	13,634	13,172
16	8	99 137	69 442,043	2 308 283,840	33,240	32,778	66	58	80 880	18 623,480	245 247,899	13,169	12,707
17	9	99 107	67 893,555	2 238 841,797	32,976	32,514	67	59	79 189	17 832,953	226 624,419	12,708	12,246
18	10	99 075	66 378,332	2 170 948,242	32,706	32,244	68	60	77 397	17 045,846	208 791,466	12,249	11,787
19	11	99 032	64 889,018	2 104 569,910	32,433	31,971	69	61	75 488	16 259,577	191 745,620	11,793	11,331
20	12	98 984	63 430,656	2 039 680,893	32,156	31,694	70	62	73 484	15 479,576	175 486,043	11,337	10,875
21	13	98 937	62 005,354	1 976 250,237	31,872	31,410	71	63	71 390	14 707,564	160 006,467	10,879	10,417
22	14	98 889	60 611,616	1 914 244,883	31,582	31,120	72	64	69 139	13 930,409	145 298,903	10,430	9,968
23	15	98 839	59 247,546	1 853 633,267	31,286	30,824	73	65	66 823	13 167,505	131 368,494	9,977	9,515
24	16	98 786	57 912,757	1 794 385,721	30,984	30,522	74	66	64 376	12 406,266	118 200,989	9,528	9,066
25	17	98 728	56 605,212	1 736 472,964	30,677	30,215	75	67	61 823	11 651,962	105 794,723	9,080	8,618
26	18	98 671	55 327,995	1 679 867,751	30,362	29,900	76	68	59 147	10 902,404	94 142,761	8,635	8,173
27	19	98 612	54 077,885	1 624 539,756	30,041	29,579	77	69	56 351	10 158,489	83 240,357	8,194	7,732
28	20	98 551	52 855,432	1 570 461,871	29,712	29,250	78	70	53 458	9 424,859	73 081,868	7,754	7,292
29	21	98 490	51 659,988	1 517 606,440	29,377	28,915	79	71	50 426	8 694,737	63 657,008	7,321	6,859
30	22	98 424	50 489,716	1 465 946,452	29,035	28,573	80	72	47 270	7 971,062	54 962,271	6,895	6,433
31	23	98 356	49 344,338	1 415 456,736	28,685	28,223	81	73	43 965	7 250,747	46 991,209	6,481	6,019
32	24	98 283	48 222,950	1 366 112,398	28,329	27,867	82	74	40 541	6 538,819	39 740,462	6,078	5,616
33	25	98 207	47 125,256	1 317 889,448	27,966	27,504	83	75	37 041	5 842,857	33 201,643	5,682	5,220
34	26	98 119	46 047,003	1 270 764,192	27,597	27,135	84	76	33 428	5 156,974	27 358,785	5,305	4,843
35	27	98 033	44 994,075	1 224 717,189	27,220	26,758	85	77	29 760	4 490,001	22 201,812	4,945	4,483
36	28	97 938	43 961,540	1 179 723,114	26,835	26,373	86	78	26 087	3 849,287	17 711,811	4,601	4,139
37	29	97 828	42 945,979	1 135 761,574	26,446	25,984	87	79	22 467	3 242,213	13 862,524	4,276	3,814
38	30	97 707	41 948,706	1 092 815,595	26,051	25,589	88	80	18 965	2 676,640	10 620,311	3,968	3,506
39	31	97 580	40 972,355	1 050 866,889	25,648	25,186	89	81	15 612	2 154,874	7 943,671	3,686	3,224
40	32	97 436	40 011,608	1 009 894,534	25,240	24,778	90	82	12 506	1 688,226	5 788,797	3,429	2,967
41	33	97 283	39 069,602	969 882,926	24,824	24,362	91	83	9 733	1 284,918	4 100,571	3,191	2,729
42	34	97 107	38 141,083	930 813,324	24,404	23,942	92	84	7 350	949,014	2 815,653	2,967	2,505
43	35	96 933	37 234,804	892 672,241	23,974	23,512	93	85	5 340	674,341	1 866,639	2,768	2,306
44	36	96 733	36 340,409	855 437,437	23,540	23,078	94	86	3 735	461,263	1 192,298	2,585	2,123
45	37	96 519	35 462,202	819 097,028	23,098	22,636	95	87	2 494	301,270	731,035	2,427	1,964
46	38	96 289	34 599,202	783 634,826	22,649	22,187	96	88	1 593	188,222	429,764	2,283	1,821
47	39	96 038	33 749,341	749 035,624	22,194	21,732	97	89	968	111,880	241,543	2,159	1,697
48	40	95 751	32 908,306	715 286,283	21,736	21,274	98	90	563	63,587	129,663	2,039	1,577
49	41	95 440	32 079,375	682 377,977	21,272	20,810	99	91	311	34,368	66,076	1,923	1,461
							100	92	161	17,361	31,709	1,826	1,364

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	31 281,335	653 628,249	20,895	20,433
1							51	42	94 784	30 472,336	622 346,914	20,423	19,961
2							52	43	94 369	29 671,207	591 874,578	19,948	19,486
3							53	44	93 907	28 876,451	562 203,372	19,469	19,007
4							54	45	93 395	28 086,959	533 326,920	18,988	18,526
5							55	46	92 827	27 301,935	505 239,962	18,506	18,044
6							56	47	92 190	26 517,877	477 938,027	18,023	17,561
7							57	48	91 487	25 736,606	451 420,150	17,540	17,078
8							58	49	90 703	24 954,416	425 683,544	17,058	16,596
9	0	99 566	81 496,601	2 844 522,921	34,904	34,442	59	50	89 850	24 176,010	400 729,128	16,575	16,113
10	1	99 270	79 466,407	2 763 026,320	34,770	34,308	60	51	88 905	23 395,343	376 553,118	16,095	15,633
11	2	99 240	77 694,685	2 683 559,914	34,540	34,078	61	52	87 873	22 614,867	353 157,775	15,616	15,154
12	3	99 220	75 969,787	2 605 865,228	34,301	33,839	62	53	86 751	21 834,704	330 542,908	15,138	14,676
13	4	99 202	74 284,096	2 529 895,441	34,057	33,595	63	54	85 519	21 050,945	308 708,204	14,665	14,203
14	5	99 183	72 636,044	2 455 611,345	33,807	33,345	64	55	84 178	20 265,044	287 657,260	14,195	13,733
15	6	99 164	71 024,094	2 382 975,301	33,552	33,090	65	56	82 730	19 478,193	267 392,216	13,728	13,266
16	7	99 142	69 445,350	2 311 951,206	33,292	32,830	66	57	81 185	18 693,699	247 914,023	13,262	12,800
17	8	99 114	67 898,448	2 242 505,856	33,027	32,565	67	58	79 521	17 907,692	229 220,324	12,800	12,338
18	9	99 081	66 381,860	2 174 607,408	32,759	32,297	68	59	77 757	17 125,212	211 312,632	12,339	11,877
19	10	99 037	64 892,625	2 108 225,547	32,488	32,026	69	60	75 877	16 343,366	194 187,420	11,882	11,420
20	11	98 992	63 435,534	2 043 332,922	32,211	31,749	70	61	73 897	15 566,534	177 844,054	11,425	10,963
21	12	98 943	62 009,273	1 979 897,388	31,929	31,467	71	62	71 830	14 798,157	162 277,520	10,966	10,504
22	13	98 897	60 616,407	1 917 888,115	31,640	31,178	72	63	69 610	14 025,222	147 479,363	10,515	10,053
23	14	98 848	59 253,013	1 857 271,709	31,345	30,883	73	64	67 322	13 265,789	133 454,141	10,060	9,598
24	15	98 797	57 919,463	1 798 018,696	31,043	30,581	74	65	64 896	12 506,489	120 188,352	9,610	9,148
25	16	98 740	56 612,450	1 740 099,233	30,737	30,275	75	66	62 369	11 754,909	107 681,863	9,161	8,699
26	17	98 684	55 335,169	1 683 486,783	30,423	29,961	76	67	59 706	11 005,392	95 926,955	8,716	8,254
27	18	98 628	54 086,664	1 628 151,614	30,103	29,641	77	68	56 932	10 263,215	84 921,563	8,274	7,812
28	19	98 568	52 864,121	1 574 064,950	29,776	29,314	78	69	54 083	9 534,953	74 658,348	7,830	7,368
29	20	98 506	51 668,445	1 521 200,829	29,442	28,980	79	70	51 067	8 805,259	65 123,396	7,396	6,934
30	21	98 441	50 498,290	1 469 532,384	29,101	28,639	80	71	47 932	8 082,721	56 318,137	6,968	6,506
31	22	98 372	49 352,618	1 419 034,094	28,753	28,291	81	72	44 633	7 360,775	48 235,416	6,553	6,091
32	23	98 299	48 230,838	1 369 681,475	28,398	27,936	82	73	41 231	6 650,116	40 874,641	6,146	5,684
33	24	98 223	47 132,998	1 321 450,637	28,037	27,575	83	74	37 727	5 951,121	34 224,525	5,751	5,289
34	25	98 138	46 055,957	1 274 317,639	27,669	27,207	84	75	34 115	5 262,863	28 273,404	5,372	4,910
35	26	98 050	45 002,096	1 228 261,682	27,293	26,831	85	76	30 434	4 591,702	23 010,542	5,011	4,549
36	27	97 959	43 970,763	1 183 259,586	26,910	26,448	86	77	26 727	3 943,692	18 418,840	4,670	4,208
37	28	97 852	42 956,203	1 139 288,823	26,522	26,060	87	78	23 096	3 332,892	14 475,147	4,343	3,881
38	29	97 731	41 959,060	1 096 332,620	26,129	25,667	88	79	19 568	2 761,724	11 142,255	4,035	3,573
39	30	97 607	40 983,945	1 054 373,561	25,727	25,264	89	80	16 183	2 233,636	8 380,531	3,752	3,290
40	31	97 467	40 024,496	1 013 389,615	25,319	24,857	90	81	13 033	1 759,330	6 146,895	3,494	3,032
41	32	97 315	39 082,730	973 365,119	24,905	24,443	91	82	10 213	1 348,291	4 387,566	3,254	2,792
42	33	97 141	38 154,446	934 282,389	24,487	24,025	92	83	7 780	1 004,456	3 039,275	3,026	2,564
43	34	96 970	37 249,026	896 127,944	24,058	23,596	93	84	5 704	720,287	2 034,819	2,825	2,363
44	35	96 778	36 357,385	858 878,918	23,623	23,161	94	85	4 032	497,960	1 314,532	2,640	2,178
45	36	96 566	35 479,120	822 521,532	23,183	22,721	95	86	2 727	329,357	816,572	2,479	2,017
46	37	96 338	34 616,681	787 042,412	22,736	22,274	96	87	1 769	208,925	487,215	2,332	1,870
47	38	96 091	33 768,052	752 425,731	22,282	21,820	97	88	1 092	126,176	278,290	2,206	1,744
48	39	95 814	32 929,732	718 657,679	21,824	21,362	98	89	646	72,988	152,114	2,084	1,622
49	40	95 500	32 099,699	685 727,948	21,362	20,900	99	90	365	40,296	79,126	1,964	1,502
							100	91	193	20,815	38,830	1,865	1,403

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	40	95 220	31 301,153	656 678,235	20,979	20,517
1							51	41	94 853	30 494,686	625 377,083	20,508	20,046
2							52	42	94 445	29 695,166	594 882,396	20,033	19,571
3							53	43	93 992	28 902,339	565 187,230	19,555	19,093
4							54	44	93 483	28 113,550	536 284,891	19,076	18,614
5							55	45	92 927	27 331,334	508 171,341	18,593	18,131
6							56	46	92 299	26 549,316	480 840,007	18,111	17,649
7							57	47	91 606	25 770,091	454 290,691	17,629	17,167
8							58	48	90 840	24 992,332	428 520,600	17,146	16,684
9							59	49	90 002	24 216,792	403 528,268	16,663	16,201
10	0	99 558	79 696,880	2 766 668,076	34,715	34,253	60	50	89 070	23 438,561	379 311,475	16,183	15,721
11	1	99 262	77 711,970	2 686 971,197	34,576	34,114	61	51	88 056	22 661,925	355 872,914	15,704	15,242
12	2	99 233	75 979,771	2 609 259,227	34,341	33,879	62	52	86 942	21 882,943	333 210,990	15,227	14,765
13	3	99 212	74 291,503	2 533 279,456	34,099	33,637	63	53	85 731	21 103,251	311 328,046	14,753	14,291
14	4	99 192	72 642,731	2 458 987,953	33,850	33,388	64	54	84 411	20 321,014	290 224,795	14,282	13,820
15	5	99 171	71 028,920	2 386 345,222	33,597	33,135	65	55	82 989	19 539,006	269 903,782	13,814	13,352
16	6	99 149	69 450,421	2 315 316,301	33,338	32,876	66	56	81 460	18 757,128	250 364,776	13,348	12,886
17	7	99 119	67 901,682	2 245 865,880	33,075	32,613	67	57	79 821	17 975,212	231 607,649	12,885	12,423
18	8	99 088	66 386,645	2 177 964,198	32,807	32,345	68	58	78 083	17 196,985	213 632,436	12,423	11,961
19	9	99 042	64 896,075	2 111 577,553	32,538	32,076	69	59	76 230	16 419,462	196 435,451	11,964	11,502
20	10	98 997	63 439,061	2 046 681,479	32,262	31,800	70	60	74 277	15 646,751	180 015,990	11,505	11,043
21	11	98 951	62 014,042	1 983 242,418	31,981	31,519	71	61	72 233	14 881,286	164 369,238	11,045	10,583
22	12	98 903	60 620,238	1 921 228,376	31,693	31,231	72	62	70 038	14 111,612	149 487,952	10,593	10,131
23	13	98 856	59 257,696	1 860 608,138	31,399	30,937	73	63	67 780	13 356,078	135 376,340	10,136	9,674
24	14	98 806	57 924,806	1 801 350,442	31,098	30,636	74	64	65 381	12 599,839	122 020,261	9,684	9,222
25	15	98 752	56 619,005	1 743 425,635	30,792	30,330	75	65	62 873	11 849,870	109 420,423	9,234	8,772
26	16	98 697	55 342,244	1 686 806,631	30,480	30,018	76	66	60 233	11 102,626	97 570,553	8,788	8,326
27	17	98 641	54 093,678	1 631 464,386	30,160	29,698	77	67	57 470	10 360,165	86 467,927	8,346	7,884
28	18	98 584	52 872,703	1 577 370,709	29,833	29,371	78	68	54 640	9 633,250	76 107,762	7,901	7,439
29	19	98 522	51 676,939	1 524 498,006	29,501	29,039	79	69	51 664	8 908,115	66 474,512	7,462	7,000
30	20	98 457	50 506,557	1 472 821,067	29,161	28,699	80	70	48 541	8 185,463	57 566,398	7,033	6,571
31	21	98 389	49 361,000	1 422 314,509	28,815	28,353	81	71	45 258	7 463,885	49 380,935	6,616	6,154
32	22	98 316	48 238,932	1 372 953,510	28,462	28,000	82	72	41 856	6 751,030	41 917,050	6,209	5,747
33	23	98 239	47 140,708	1 324 714,578	28,101	27,639	83	73	38 369	6 052,414	35 166,020	5,810	5,348
34	24	98 154	46 063,524	1 277 573,869	27,735	27,273	84	74	34 747	5 360,379	29 113,606	5,431	4,969
35	25	98 069	45 010,847	1 231 510,346	27,360	26,898	85	75	31 059	4 685,984	23 753,227	5,069	4,607
36	26	97 976	43 978,602	1 186 499,499	26,979	26,517	86	76	27 332	4 033,019	19 067,243	4,728	4,266
37	27	97 872	42 965,214	1 142 520,897	26,592	26,130	87	77	23 662	3 414,633	15 034,224	4,403	3,941
38	28	97 754	41 969,048	1 099 555,683	26,199	25,737	88	78	20 116	2 838,965	11 619,591	4,093	3,631
39	29	97 632	40 994,061	1 057 586,635	25,799	25,337	89	79	16 697	2 304,638	8 780,626	3,810	3,348
40	30	97 495	40 035,818	1 016 592,574	25,392	24,930	90	80	13 509	1 823,634	6 475,988	3,551	3,089
41	31	97 347	39 095,319	976 556,756	24,979	24,517	91	81	10 643	1 405,078	4 652,354	3,311	2,849
42	32	97 174	38 167,267	937 461,437	24,562	24,100	92	82	8 163	1 053,996	3 247,277	3,081	2,619
43	33	97 004	37 262,076	899 294,171	24,134	23,672	93	83	6 037	762,367	2 193,280	2,877	2,415
44	34	96 815	36 371,272	862 032,095	23,701	23,239	94	84	4 307	531,888	1 430,914	2,690	2,228
45	35	96 611	35 495,695	825 660,823	23,261	22,799	95	85	2 944	355,560	899,026	2,528	2,066
46	36	96 384	34 633,196	790 165,128	22,815	22,353	96	86	1 934	228,403	543,466	2,379	1,917
47	37	96 139	33 785,111	755 531,933	22,363	21,901	97	87	1 212	140,055	315,064	2,250	1,788
48	38	95 867	32 947,988	721 746,822	21,906	21,444	98	88	729	82,314	175,009	2,126	1,664
49	39	95 562	32 120,598	688 798,833	21,444	20,982	99	89	419	46,253	92,694	2,004	1,542
							100	90	226	24,406	46,441	1,903	1,441

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	39	95 282	31 321,532	659 473,070	21,055	20,593
1							51	40	94 914	30 514,006	628 151,538	20,586	20,124
2							52	41	94 514	29 716,947	597 637,533	20,111	19,649
3							53	42	94 067	28 925,678	567 920,585	19,634	19,172
4							54	43	93 567	28 138,754	538 994,908	19,155	18,693
5							55	44	93 015	27 357,210	510 856,154	18,674	18,212
6							56	45	92 399	26 577,905	483 498,944	18,192	17,730
7							57	46	91 715	25 800,644	456 921,039	17,710	17,248
8							58	47	90 959	25 024,849	431 120,395	17,228	16,766
9							59	48	90 139	24 253,588	406 095,546	16,744	16,282
10							60	49	89 220	23 478,100	381 841,959	16,264	15,802
11	0	99 550	77 937,354	2 690 323,977	34,519	34,057	61	50	88 219	22 703,788	358 363,859	15,784	15,322
12	1	99 255	75 996,674	2 612 386,623	34,375	33,913	62	51	87 123	21 928,478	335 660,071	15,307	14,845
13	2	99 225	74 301,266	2 536 389,949	34,137	33,675	63	52	85 920	21 149,874	313 731,593	14,834	14,372
14	3	99 202	72 649,975	2 462 088,683	33,890	33,428	64	53	84 620	20 371,506	292 581,719	14,362	13,900
15	4	99 180	71 035,459	2 389 438,708	33,637	33,175	65	54	83 218	19 592,970	272 210,213	13,893	13,431
16	5	99 156	69 455,140	2 318 403,249	33,380	32,918	66	55	81 714	18 815,689	252 617,243	13,426	12,964
17	6	99 126	67 906,641	2 248 948,109	33,118	32,656	67	56	80 092	18 036,203	233 801,554	12,963	12,501
18	7	99 093	66 389,807	2 181 041,468	32,852	32,390	68	57	78 378	17 261,825	215 765,350	12,500	12,038
19	8	99 050	64 900,752	2 114 651,661	32,583	32,121	69	58	76 550	16 488,277	198 503,525	12,039	11,577
20	9	99 003	63 442,433	2 049 750,910	32,309	31,847	70	59	74 623	15 719,603	182 015,248	11,579	11,117
21	10	98 956	62 017,490	1 986 308,477	32,028	31,566	71	60	72 605	14 957,973	166 295,645	11,118	10,656
22	11	98 911	60 624,900	1 924 290,987	31,741	31,279	72	61	70 432	14 190,885	151 337,672	10,664	10,202
23	12	98 862	59 261,441	1 863 666,087	31,448	30,986	73	62	68 197	13 438,347	137 146,787	10,206	9,744
24	13	98 814	57 929,385	1 804 404,646	31,148	30,686	74	63	65 826	12 685,596	123 708,440	9,752	9,290
25	14	98 761	56 624,228	1 746 475,260	30,843	30,381	75	64	63 342	11 938,318	111 022,844	9,300	8,838
26	15	98 708	55 348,652	1 689 851,032	30,531	30,069	76	65	60 720	11 192,318	99 084,526	8,853	8,391
27	16	98 653	54 100,594	1 634 502,380	30,212	29,750	77	66	57 978	10 451,698	87 892,208	8,409	7,947
28	17	98 596	52 879,539	1 580 401,786	29,887	29,425	78	67	55 156	9 724,249	77 440,510	7,964	7,502
29	18	98 538	51 685,328	1 527 522,227	29,554	29,092	79	68	52 197	8 999,950	67 716,261	7,524	7,062
30	19	98 473	50 514,860	1 475 836,899	29,216	28,754	80	69	49 108	8 281,078	58 716,311	7,090	6,628
31	20	98 405	49 369,080	1 425 322,038	28,871	28,409	81	70	45 833	7 558,761	50 435,233	6,672	6,210
32	21	98 333	48 247,124	1 375 952,958	28,519	28,057	82	71	42 443	6 845,598	42 876,472	6,263	5,801
33	22	98 256	47 148,619	1 327 705,834	28,160	27,698	83	72	38 952	6 144,258	36 030,874	5,864	5,402
34	23	98 170	46 071,059	1 280 557,215	27,795	27,333	84	73	35 338	5 451,618	29 886,616	5,482	5,020
35	24	98 085	45 018,242	1 234 486,156	27,422	26,960	85	74	31 634	4 772,811	24 434,999	5,120	4,658
36	25	97 995	43 987,153	1 189 467,913	27,041	26,579	86	75	27 893	4 115,829	19 662,187	4,777	4,315
37	26	97 890	42 972,874	1 145 480,760	26,656	26,194	87	76	24 198	3 491,976	15 546,358	4,452	3,990
38	27	97 775	41 977,853	1 102 507,886	26,264	25,802	88	77	20 609	2 908,592	12 054,381	4,144	3,682
39	28	97 655	41 003,820	1 060 530,034	25,864	25,402	89	78	17 164	2 369,095	9 145,789	3,860	3,398
40	29	97 519	40 045,700	1 019 526,214	25,459	24,997	90	79	13 939	1 881,603	6 776,694	3,602	3,140
41	30	97 374	39 106,377	979 480,515	25,047	24,585	91	80	11 032	1 456,434	4 895,091	3,361	2,899
42	31	97 205	38 179,561	940 374,137	24,630	24,168	92	81	8 507	1 098,388	3 438,657	3,131	2,669
43	32	97 037	37 274,597	902 194,577	24,204	23,742	93	82	6 335	799,967	2 340,270	2,925	2,463
44	33	96 849	36 384,014	864 919,980	23,772	23,310	94	83	4 559	562,961	1 540,303	2,736	2,274
45	34	96 648	35 509,252	828 535,966	23,333	22,871	95	84	3 145	379,786	977,342	2,573	2,111
46	35	96 429	34 649,375	793 026,714	22,887	22,425	96	85	2 087	246,574	597,556	2,423	1,961
47	36	96 185	33 801,229	758 377,339	22,436	21,974	97	86	1 325	153,112	350,983	2,292	1,830
48	37	95 915	32 964,633	724 576,109	21,980	21,518	98	87	809	91,369	197,871	2,166	1,704
49	38	95 615	32 138,406	691 611,476	21,520	21,058	99	88	472	52,164	106,502	2,042	1,580
							100	89	259	28,014	54,338	1,940	1,478

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	31 338,897	662 032,041	21,125	20,663
1							51	39	94 975	30 533,872	630 693,144	20,656	20,194
2							52	40	94 574	29 735,774	600 159,272	20,183	19,721
3							53	41	94 136	28 946,894	570 423,498	19,706	19,244
4							54	42	93 643	28 161,476	541 476,604	19,228	18,766
5							55	43	93 099	27 381,736	513 315,128	18,747	18,285
6							56	44	92 486	26 603,067	485 933,392	18,266	17,804
7							57	45	91 814	25 828,427	459 330,325	17,784	17,322
8							58	46	91 066	25 054,518	433 501,898	17,302	16,840
9							59	47	90 256	24 285,143	408 447,381	16,819	16,357
10							60	48	89 356	23 513,773	384 162,237	16,338	15,876
11							61	49	88 368	22 742,087	360 648,465	15,858	15,396
12	0	99 543	76 217,084	2 615 473,511	34,316	33,854	62	50	87 284	21 968,987	337 906,378	15,381	14,919
13	1	99 247	74 317,795	2 539 256,427	34,168	33,706	63	51	86 099	21 193,883	315 937,391	14,907	14,445
14	2	99 215	72 659,522	2 464 938,632	33,925	33,462	64	52	84 807	20 416,513	294 743,508	14,437	13,975
15	3	99 190	71 042,542	2 392 279,109	33,674	33,212	65	53	83 425	19 641,653	274 326,995	13,967	13,505
16	4	99 165	69 461,534	2 321 236,567	33,418	32,956	66	54	81 940	18 867,656	254 685,342	13,499	13,036
17	5	99 133	67 911,255	2 251 775,033	33,158	32,696	67	55	80 342	18 092,514	235 817,686	13,034	12,572
18	6	99 100	66 394,654	2 183 863,778	32,892	32,430	68	56	78 644	17 320,396	217 725,172	12,570	12,108
19	7	99 054	64 903,843	2 117 469,123	32,625	32,163	69	57	76 838	16 550,445	200 404,776	12,109	11,647
20	8	99 010	63 447,005	2 052 565,280	32,351	31,889	70	58	74 936	15 785,485	183 854,331	11,647	11,185
21	9	98 962	62 020,786	1 989 118,275	32,072	31,610	71	59	72 943	15 027,618	168 068,846	11,184	10,722
22	10	98 916	60 628,270	1 927 097,489	31,785	31,323	72	60	70 795	14 264,014	153 041,228	10,729	10,267
23	11	98 869	59 265,999	1 866 469,218	31,493	31,031	73	61	68 581	13 513,838	138 777,214	10,269	9,807
24	12	98 820	57 933,046	1 807 203,219	31,195	30,733	74	62	66 231	12 763,734	125 263,376	9,819	9,352
25	13	98 769	56 628,704	1 749 270,172	30,890	30,428	75	63	63 773	12 019,573	112 499,642	9,360	8,898
26	14	98 717	55 353,759	1 692 641,468	30,579	30,117	76	64	61 173	11 275,858	100 480,069	8,911	8,449
27	15	98 665	54 106,858	1 637 287,710	30,260	29,798	77	65	58 446	10 536,132	89 204,211	8,467	8,004
28	16	98 609	52 886,320	1 583 180,852	29,936	29,474	78	66	55 644	9 810,164	78 668,079	8,019	7,557
29	17	98 551	51 692,030	1 530 294,532	29,604	29,142	79	67	52 690	9 084,967	68 857,916	7,579	7,117
30	18	98 489	50 523,061	1 478 602,501	29,266	28,804	80	68	49 614	8 366,449	59 772,949	7,144	6,682
31	19	98 421	49 377,196	1 428 079,440	28,922	28,460	81	69	46 368	7 647,056	51 406,500	6,722	6,260
32	20	98 349	48 255,023	1 378 702,243	28,571	28,109	82	70	42 982	6 932,615	43 759,444	6,312	5,850
33	21	98 273	47 156,626	1 330 447,221	28,213	27,751	83	71	39 497	6 230,327	36 826,829	5,911	5,449
34	22	98 187	46 078,790	1 283 290,595	27,850	27,388	84	72	35 874	5 534,345	30 596,502	5,528	5,066
35	23	98 102	45 025,606	1 237 211,805	27,478	27,016	85	73	32 173	4 854,049	25 062,158	5,163	4,701
36	24	98 011	43 994,380	1 192 186,198	27,099	26,637	86	74	28 410	4 192,093	20 208,109	4,821	4,359
37	25	97 909	42 981,230	1 148 191,818	26,714	26,252	87	75	24 695	3 563,678	16 016,016	4,494	4,032
38	26	97 792	41 985,336	1 105 210,588	26,324	25,862	88	76	21 076	2 974,473	12 452,339	4,186	3,724
39	27	97 675	41 012,422	1 063 225,252	25,924	25,462	89	77	17 585	2 427,198	9 477,865	3,905	3,443
40	28	97 542	40 055,232	1 022 212,831	25,520	25,058	90	78	14 329	1 934,228	7 050,667	3,645	3,183
41	29	97 398	39 116,030	982 157,598	25,109	24,647	91	79	11 383	1 502,730	5 116,439	3,405	2,943
42	30	97 233	38 190,360	943 041,568	24,693	24,231	92	80	8 818	1 138,534	3 613,708	3,174	2,712
43	31	97 068	37 286,603	904 851,208	24,267	23,805	93	81	6 602	833,659	2 475,174	2,969	2,507
44	32	96 882	36 396,240	867 564,605	23,837	23,375	94	82	4 783	590,726	1 641,515	2,779	2,317
45	33	96 681	35 521,693	831 168,365	23,399	22,937	95	83	3 328	401,973	1 050,788	2,614	2,152
46	34	96 466	34 662,609	795 646,672	22,954	22,492	96	84	2 230	263,374	648,816	2,463	2,001
47	35	96 230	33 817,020	760 984,063	22,503	22,041	97	85	1 431	165,293	385,442	2,332	1,870
48	36	95 961	32 980,360	727 167,043	22,048	21,586	98	86	884	99,887	220,149	2,204	1,742
49	37	95 663	32 154,642	694 186,683	21,589	21,127	99	87	524	57,902	120,262	2,077	1,615
							100	88	292	31,594	62,361	1,974	1,512

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	37	95 383	31 354,729	664 374,331	21,189	20,727
1							51	38	95 028	30 550,801	633 019,602	20,720	20,258
2							52	39	94 636	29 755,134	602 468,801	20,248	19,786
3							53	40	94 196	28 965,233	572 713,667	19,772	19,310
4							54	41	93 712	28 182,132	543 748,434	19,294	18,832
5							55	42	93 174	27 403,847	515 566,303	18,814	18,352
6							56	43	92 569	26 626,917	488 162,456	18,333	17,871
7							57	44	91 901	25 852,879	461 535,539	17,852	17,390
8							58	45	91 165	25 081,497	435 682,660	17,371	16,909
9							59	46	90 363	24 313,935	410 601,162	16,887	16,425
10							60	47	89 472	23 544,366	386 287,227	16,407	15,945
11							61	48	88 502	22 776,642	362 742,862	15,926	15,464
12							62	49	87 431	22 006,046	339 966,220	15,449	14,987
13	0	99 535	74 533,336	2 542 098,821	34,107	33,645	63	50	86 258	21 233,035	317 960,173	14,975	14,513
14	1	99 237	72 675,686	2 467 565,485	33,953	33,491	64	51	84 984	20 458,996	296 727,139	14,504	14,041
15	2	99 203	71 051,879	2 394 889,799	33,706	33,244	65	52	83 609	19 685,047	276 268,143	14,034	13,572
16	3	99 175	69 468,460	2 323 837,920	33,452	32,990	66	53	82 144	18 914,537	256 683,095	13,565	13,103
17	4	99 142	67 917,507	2 254 369,460	33,193	32,731	67	54	80 564	18 142,484	237 668,558	13,100	12,638
18	5	99 107	66 399,166	2 186 451,953	32,929	32,467	68	55	78 889	17 374,472	219 526,075	12,635	12,173
19	6	99 062	64 908,583	2 120 052,787	32,662	32,200	69	56	77 099	16 606,602	202 151,603	12,173	11,711
20	7	99 014	63 450,027	2 055 144,204	32,390	31,928	70	57	75 218	15 845,004	185 545,001	11,710	11,248
21	8	98 969	62 025,256	1 991 694,177	32,111	31,649	71	58	73 249	15 090,600	169 699,998	11,245	10,783
22	9	98 922	60 631,493	1 929 668,921	31,826	31,364	72	59	71 124	14 330,428	154 609,398	10,789	10,327
23	10	98 875	59 269,294	1 869 037,428	31,535	31,073	73	60	68 934	13 583,477	140 278,970	10,327	9,865
24	11	98 828	57 937,502	1 809 768,133	31,237	30,775	74	61	66 603	12 835,435	126 695,493	9,871	9,409
25	12	98 775	56 632,283	1 751 830,631	30,933	30,471	75	62	64 166	12 093,609	113 860,057	9,415	8,953
26	13	98 725	55 358,134	1 695 198,348	30,622	30,160	76	63	61 590	11 352,604	101 766,449	8,964	8,502
27	14	98 674	54 111,850	1 639 840,214	30,305	29,843	77	64	58 882	10 614,774	90 413,845	8,518	8,056
28	15	98 620	52 892,444	1 585 728,365	29,980	29,518	78	65	56 093	9 889,415	79 799,070	8,069	7,607
29	16	98 563	51 698,640	1 532 835,921	29,649	29,187	79	66	53 155	9 165,233	69 909,656	7,628	7,166
30	17	98 502	50 529,613	1 481 137,281	29,312	28,850	80	67	50 083	8 445,482	60 744,422	7,193	6,731
31	18	98 437	49 385,213	1 430 607,669	28,968	28,506	81	68	46 847	7 725,891	52 298,941	6,769	6,307
32	19	98 365	48 262,955	1 381 222,456	28,619	28,157	82	69	43 484	7 013,596	44 573,050	6,355	5,893
33	20	98 289	47 164,346	1 332 959,501	28,262	27,800	83	70	39 999	6 309,522	37 559,454	5,953	5,491
34	21	98 204	46 086,616	1 285 795,155	27,900	27,438	84	71	36 377	5 611,870	31 249,932	5,569	5,107
35	22	98 118	45 033,162	1 239 708,539	27,529	27,067	85	72	32 661	4 927,708	25 638,062	5,203	4,741
36	23	98 027	44 001,577	1 194 675,377	27,151	26,689	86	73	28 894	4 263,446	20 710,355	4,858	4,396
37	24	97 925	42 988,292	1 150 673,800	26,767	26,305	87	74	25 152	3 629,710	16 446,909	4,531	4,069
38	25	97 811	41 993,500	1 107 685,509	26,378	25,916	88	75	21 508	3 035,549	12 817,199	4,222	3,760
39	26	97 693	41 019,733	1 065 692,008	25,980	25,518	89	76	17 983	2 482,175	9 781,650	3,941	3,479
40	27	97 563	40 063,636	1 024 672,275	25,576	25,114	90	77	14 680	1 981,666	7 299,475	3,684	3,221
41	28	97 421	39 125,341	984 608,640	25,165	24,703	91	78	11 701	1 544,759	5 317,809	3,442	2,980
42	29	97 257	38 199,787	945 483,298	24,751	24,289	92	79	9 098	1 174,726	3 773,049	3,212	2,750
43	30	97 095	37 297,150	907 283,512	24,326	23,864	93	80	6 843	864,130	2 598,324	3,007	2,545
44	31	96 913	36 407,964	869 986,362	23,895	23,433	94	81	4 985	615,606	1 734,194	2,817	2,355
45	32	96 714	35 533,629	833 578,398	23,459	22,997	95	82	3 492	421,798	1 118,587	2,652	2,190
46	33	96 500	34 674,753	798 044,769	23,015	22,553	96	83	2 360	278,760	696,789	2,500	2,038
47	34	96 267	33 829,936	763 370,016	22,565	22,103	97	84	1 528	176,555	418,029	2,368	1,906
48	35	96 006	32 995,767	729 540,080	22,110	21,648	98	85	954	107,833	241,474	2,239	1,777
49	36	95 709	32 169,982	696 544,313	21,652	21,190	99	86	573	63,300	133,640	2,111	1,649
							100	87	325	35,069	70,341	2,006	1,544

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	31 369,688	666 518,183	21,247	20,785
1							51	37	95 076	30 566,235	635 148,496	20,779	20,317
2							52	38	94 688	29 771,630	604 582,261	20,307	19,845
3							53	39	94 257	28 984,091	574 810,630	19,832	19,370
4							54	40	93 771	28 199,986	545 826,539	19,356	18,894
5							55	41	93 242	27 423,947	517 626,553	18,875	18,413
6							56	42	92 644	26 648,418	490 202,606	18,395	17,933
7							57	43	91 983	25 876,057	463 554,188	17,914	17,452
8							58	44	91 251	25 105,243	437 678,131	17,434	16,972
9							59	45	90 460	24 340,117	412 572,889	16,950	16,488
10							60	46	89 578	23 572,280	388 232,771	16,470	16,008
11							61	47	88 617	22 806,276	364 660,492	15,989	15,527
12							62	48	87 564	22 039,483	341 854,216	15,511	15,049
13							63	49	86 404	21 268,853	319 814,734	15,037	14,575
14	0	99 525	72 886,465	2 470 183,139	33,891	33,429	64	50	85 141	20 496,790	298 545,881	14,565	14,103
15	1	99 225	71 067,685	2 397 296,674	33,733	33,271	65	51	83 783	19 726,009	278 049,091	14,096	13,634
16	2	99 188	69 477,590	2 326 228,989	33,482	33,020	66	52	82 325	18 956,325	258 323,082	13,627	13,165
17	3	99 152	67 924,279	2 256 751,399	33,225	32,763	67	53	80 764	18 187,563	239 366,758	13,161	12,699
18	4	99 116	66 405,279	2 188 827,121	32,962	32,500	68	54	79 107	17 422,458	221 179,195	12,695	12,233
19	5	99 068	64 912,993	2 122 421,842	32,696	32,234	69	55	77 340	16 658,449	203 756,737	12,231	11,769
20	6	99 022	63 454,660	2 057 508,849	32,425	31,963	70	56	75 474	15 898,767	187 098,288	11,768	11,306
21	7	98 973	62 028,211	1 994 054,189	32,148	31,686	71	57	73 525	15 147,498	171 199,521	11,302	10,840
22	8	98 929	60 635,863	1 932 025,978	31,863	31,401	72	58	71 422	14 390,487	156 052,023	10,844	10,382
23	9	98 880	59 272,445	1 871 390,115	31,573	31,111	73	59	69 255	13 646,723	141 661,535	10,381	9,919
24	10	98 833	57 940,723	1 812 117,670	31,275	30,813	74	60	66 947	12 901,579	128 014,813	9,922	9,460
25	11	98 783	56 636,639	1 754 176,947	30,972	30,510	75	61	64 526	12 161,546	115 113,233	9,465	9,003
26	12	98 731	55 361,633	1 697 540,308	30,663	30,201	76	62	61 969	11 422,532	102 951,688	9,013	8,551
27	13	98 682	54 116,127	1 642 178,676	30,345	29,883	77	63	59 283	10 687,020	91 529,156	8,565	8,103
28	14	98 629	52 897,323	1 588 062,549	30,022	29,560	78	64	56 512	9 963,230	80 842,136	8,114	7,652
29	15	98 575	51 704,626	1 535 165,225	29,691	29,229	79	65	53 585	9 239,274	70 878,905	7,671	7,209
30	16	98 515	50 536,073	1 483 460,600	29,354	28,892	80	66	50 525	8 520,099	61 639,631	7,235	6,773
31	17	98 450	49 391,616	1 432 924,526	29,011	28,549	81	67	47 289	7 798,872	53 119,533	6,811	6,349
32	18	98 381	48 270,791	1 383 532,910	28,662	28,200	82	68	43 933	7 085,900	45 320,661	6,396	5,934
33	19	98 305	47 172,099	1 335 262,119	28,306	27,844	83	69	40 466	6 383,225	38 234,761	5,990	5,528
34	20	98 220	46 094,160	1 288 090,020	27,945	27,483	84	70	36 839	5 683,204	31 851,536	5,605	5,142
35	21	98 135	45 040,810	1 241 995,860	27,575	27,113	85	71	33 118	4 996,735	26 168,332	5,237	4,775
36	22	98 044	44 008,961	1 196 955,050	27,198	26,736	86	72	29 332	4 328,142	21 171,597	4,892	4,430
37	23	97 941	42 995,324	1 152 946,089	26,816	26,354	87	73	25 581	3 691,491	16 843,454	4,563	4,101
38	24	97 827	42 000,400	1 109 950,765	26,427	25,965	88	74	21 907	3 091,795	13 151,964	4,254	3,792
39	25	97 712	41 027,709	1 067 950,366	26,030	25,568	89	75	18 352	2 533,142	10 060,169	3,971	3,509
40	26	97 580	40 070,778	1 026 922,656	25,628	25,166	90	76	15 013	2 026,552	7 527,026	3,714	3,252
41	27	97 442	39 133,549	986 851,878	25,218	24,756	91	77	11 988	1 582,645	5 500,474	3,475	3,013
42	28	97 280	38 208,880	947 718,329	24,804	24,342	92	78	9 353	1 207,581	3 917,829	3,244	2,782
43	29	97 119	37 306,356	909 509,449	24,379	23,917	93	79	7 061	891,599	2 710,248	3,040	2,578
44	30	96 940	36 418,262	872 203,093	23,950	23,488	94	80	5 167	638,107	1 818,649	2,850	2,388
45	31	96 745	35 545,074	835 784,830	23,513	23,051	95	81	3 639	439,563	1 180,543	2,686	2,224
46	32	96 532	34 686,404	800 239,756	23,071	22,609	96	82	2 476	292,509	740,979	2,533	2,071
47	33	96 301	33 841,788	765 553,352	22,622	22,160	97	83	1 618	186,869	448,470	2,400	1,938
48	34	96 042	33 008,370	731 711,564	22,167	21,705	98	84	1 019	115,180	261,601	2,271	1,809
49	35	95 754	32 185,011	698 703,194	21,709	21,247	99	85	618	68,336	146,420	2,143	1,681
							100	86	355	38,339	78,085	2,037	1,575

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	31 384,342	668 480,861	21,300	20,838
1							51	36	95 121	30 580,817	637 096,518	20,833	20,371
2							52	37	94 736	29 786,671	606 515,701	20,362	19,900
3							53	38	94 310	29 000,160	576 729,030	19,887	19,425
4							54	39	93 832	28 218,346	547 728,870	19,410	18,948
5							55	40	93 301	27 441,321	519 510,524	18,932	18,470
6							56	41	92 712	26 667,964	492 069,203	18,452	17,990
7							57	42	92 057	25 896,952	465 401,238	17,971	17,509
8							58	43	91 333	25 127,750	439 504,287	17,491	17,029
9							59	44	90 546	24 363,161	414 376,537	17,008	16,546
10							60	45	89 674	23 597,663	390 013,376	16,528	16,066
11							61	46	88 722	22 833,315	366 415,713	16,047	15,585
12							62	47	87 678	22 068,157	343 582,399	15,569	15,107
13							63	48	86 535	21 301,169	321 514,242	15,094	14,632
14							64	49	85 285	20 531,366	300 213,073	14,622	14,160
15	0	99 513	71 273,800	2 399 707,750	33,669	33,207	65	50	83 938	19 762,449	279 681,707	14,152	13,690
16	1	99 210	69 493,046	2 328 433,951	33,506	33,044	66	51	82 497	18 995,770	259 919,258	13,683	13,221
17	2	99 165	67 933,205	2 258 940,904	33,252	32,790	67	52	80 942	18 227,745	240 923,488	13,217	12,755
18	3	99 126	66 411,900	2 191 007,699	32,991	32,529	68	53	79 304	17 465,748	222 695,744	12,750	12,288
19	4	99 077	64 918,969	2 124 595,799	32,727	32,265	69	54	77 553	16 704,458	205 229,996	12,286	11,824
20	5	99 028	63 458,972	2 059 676,830	32,457	31,995	70	55	75 709	15 948,404	188 525,538	11,821	11,359
21	6	98 981	62 032,740	1 996 217,858	32,180	31,718	71	56	73 775	15 198,895	172 577,134	11,355	10,893
22	7	98 933	60 638,751	1 934 185,118	31,897	31,435	72	57	71 692	14 444,746	157 378,239	10,895	10,433
23	8	98 887	59 276,716	1 873 546,367	31,607	31,145	73	58	69 545	13 703,917	142 933,493	10,430	9,968
24	9	98 839	57 943,803	1 814 269,650	31,311	30,849	74	59	67 258	12 961,650	129 229,576	9,970	9,508
25	10	98 788	56 639,787	1 756 325,847	31,009	30,547	75	60	64 859	12 224,217	116 267,926	9,511	9,049
26	11	98 739	55 365,891	1 699 686,060	30,699	30,237	76	61	62 317	11 486,698	104 043,710	9,058	8,596
27	12	98 688	54 119,547	1 644 320,169	30,383	29,921	77	62	59 648	10 752,848	92 557,011	8,608	8,146
28	13	98 637	52 901,505	1 590 200,622	30,060	29,598	78	63	56 896	10 031,042	81 804,163	8,155	7,693
29	14	98 584	51 709,396	1 537 299,117	29,730	29,268	79	64	53 985	9 308,237	71 773,121	7,711	7,249
30	15	98 526	50 541,925	1 485 589,722	29,393	28,931	80	65	50 934	8 588,928	62 464,884	7,273	6,811
31	16	98 463	49 397,931	1 435 047,797	29,051	28,589	81	66	47 707	7 867,776	53 875,956	6,848	6,386
32	17	98 394	48 277,050	1 385 649,866	28,702	28,240	82	67	44 348	7 152,836	46 008,180	6,432	5,970
33	18	98 321	47 179,758	1 337 372,816	28,346	27,884	83	68	40 884	6 449,031	38 855,344	6,025	5,563
34	19	98 236	46 101,738	1 290 193,058	27,986	27,524	84	69	37 270	5 749,590	32 406,314	5,636	5,174
35	20	98 151	45 048,183	1 244 091,320	27,617	27,155	85	70	33 539	5 060,250	26 656,723	5,268	4,806
36	21	98 061	44 016,435	1 199 043,137	27,241	26,779	86	71	29 743	4 388,771	21 596,473	4,921	4,459
37	22	97 957	43 002,539	1 155 026,702	26,860	26,397	87	72	25 969	3 747,508	17 207,702	4,592	4,130
38	23	97 843	42 007,270	1 112 024,163	26,472	26,010	88	73	22 280	3 144,420	13 460,194	4,281	3,819
39	24	97 728	41 034,450	1 070 016,893	26,076	25,614	89	74	18 693	2 580,079	10 315,774	3,998	3,536
40	25	97 599	40 078,570	1 028 982,443	25,674	25,212	90	75	15 321	2 068,164	7 735,695	3,740	3,278
41	26	97 459	39 140,526	988 903,873	25,265	24,803	91	76	12 259	1 618,493	5 667,531	3,502	3,040
42	27	97 300	38 216,896	949 763,348	24,852	24,390	92	77	9 582	1 237,198	4 049,038	3,273	2,811
43	28	97 142	37 315,237	911 546,452	24,428	23,966	93	78	7 258	916,535	2 811,840	3,068	2,606
44	29	96 964	36 427,251	874 231,215	23,999	23,537	94	79	5 331	658,391	1 895,305	2,879	2,417
45	30	96 772	35 555,129	837 803,964	23,564	23,102	95	80	3 772	455,630	1 236,914	2,715	2,253
46	31	96 563	34 697,577	802 248,835	23,121	22,659	96	81	2 581	304,829	781,285	2,563	2,101
47	32	96 333	33 853,160	767 551,258	22,673	22,211	97	82	1 697	196,086	476,456	2,430	1,968
48	33	96 076	33 019,934	733 698,098	22,220	21,758	98	83	1 079	121,909	280,370	2,300	1,838
49	34	95 790	32 197,303	700 678,164	21,762	21,300	99	84	661	72,992	158,461	2,171	1,709
							100	85	383	41,389	85,469	2,065	1,603

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	31 396,329	670 275,798	21,349	20,887
1							51	35	95 166	30 595,103	638 879,469	20,882	20,420
2							52	36	94 781	29 800,881	608 284,366	20,412	19,950
3							53	37	94 357	29 014,811	578 483,484	19,938	19,476
4							54	38	93 884	28 233,991	549 468,673	19,461	18,999
5							55	39	93 362	27 459,187	521 234,682	18,982	18,520
6							56	40	92 771	26 684,859	493 775,495	18,504	18,042
7							57	41	92 125	25 915,946	467 090,636	18,023	17,561
8							58	42	91 406	25 148,040	441 174,690	17,543	17,081
9							59	43	90 627	24 385,003	416 026,649	17,061	16,599
10							60	44	89 759	23 620,004	391 641,647	16,581	16,119
11							61	45	88 818	22 857,902	368 021,643	16,100	15,638
12							62	46	87 782	22 094,321	345 163,741	15,622	15,160
13							63	47	86 648	21 328,883	323 069,420	15,147	14,685
14							64	48	85 414	20 562,562	301 740,537	14,674	14,212
15							65	49	84 079	19 795,786	281 177,975	14,204	13,742
16	0	99 497	69 694,594	2 330 655,129	33,441	32,979	66	50	82 649	19 030,861	261 382,189	13,735	13,273
17	1	99 187	67 948,318	2 260 960,535	33,275	32,813	67	51	81 111	18 265,673	242 351,329	13,268	12,806
18	2	99 139	66 420,628	2 193 012,217	33,017	32,555	68	52	79 479	17 504,335	224 085,655	12,802	12,340
19	3	99 087	64 925,442	2 126 591,589	32,754	32,292	69	53	77 746	16 745,964	206 581,320	12,336	11,874
20	4	99 037	63 464,814	2 061 666,147	32,485	32,023	70	54	75 918	15 992,452	189 835,356	11,870	11,408
21	5	98 987	62 036,955	1 998 201,333	32,210	31,748	71	55	74 005	15 246,347	173 842,904	11,402	10,940
22	6	98 941	60 643,179	1 936 164,378	31,927	31,465	72	56	71 935	14 493,758	158 596,557	10,942	10,480
23	7	98 892	59 279,540	1 875 521,199	31,639	31,177	73	57	69 807	13 755,587	144 102,799	10,476	10,014
24	8	98 846	57 947,979	1 816 241,659	31,343	30,881	74	58	67 540	13 015,973	130 347,212	10,014	9,552
25	9	98 793	56 642,798	1 758 293,680	31,042	30,580	75	59	65 161	12 281,133	117 331,240	9,554	9,092
26	10	98 744	55 368,969	1 701 650,882	30,733	30,271	76	60	62 638	11 545,892	105 050,106	9,098	8,636
27	11	98 695	54 123,710	1 646 281,913	30,417	29,955	77	61	59 983	10 813,253	93 504,214	8,647	8,185
28	12	98 643	52 904,848	1 592 158,203	30,095	29,633	78	62	57 247	10 092,829	82 690,961	8,193	7,731
29	13	98 592	51 713,483	1 539 253,355	29,765	29,303	79	63	54 352	9 371,591	72 598,132	7,747	7,285
30	14	98 535	50 546,587	1 487 539,872	29,429	28,967	80	64	51 314	8 653,036	63 226,541	7,307	6,845
31	15	98 474	49 403,651	1 436 993,285	29,087	28,625	81	65	48 092	7 931,335	54 573,505	6,881	6,419
32	16	98 406	48 283,222	1 387 589,634	28,739	28,277	82	66	44 739	7 216,032	46 642,169	6,464	6,002
33	17	98 333	47 185,875	1 339 306,411	28,384	27,922	83	67	41 270	6 509,950	39 426,137	6,056	5,594
34	18	98 252	46 109,222	1 292 120,536	28,023	27,561	84	68	37 654	5 808,864	32 916,187	5,667	5,205
35	19	98 167	45 055,589	1 246 011,313	27,655	27,193	85	69	33 931	5 119,360	27 107,323	5,295	4,833
36	20	98 077	44 023,640	1 200 955,724	27,280	26,818	86	70	30 121	4 444,558	21 987,963	4,947	4,485
37	21	97 974	43 009,842	1 156 932,084	26,899	26,437	87	71	26 333	3 800,003	17 543,405	4,617	4,155
38	22	97 860	42 014,319	1 113 922,242	26,513	26,051	88	72	22 618	3 192,136	13 743,402	4,305	3,843
39	23	97 744	41 041,163	1 071 907,923	26,118	25,656	89	73	19 011	2 623,995	10 551,266	4,021	3,559
40	24	97 615	40 085,154	1 030 866,760	25,717	25,255	90	74	15 605	2 106,485	7 927,272	3,763	3,301
41	25	97 478	39 148,137	990 781,605	25,309	24,847	91	75	12 511	1 651,726	5 820,787	3,524	3,062
42	26	97 318	38 223,709	951 633,469	24,896	24,434	92	76	9 799	1 265,221	4 169,061	3,295	2,833
43	27	97 163	37 323,065	913 409,760	24,473	24,011	93	77	7 436	939,014	2 903,840	3,092	2,630
44	28	96 987	36 435,923	876 086,695	24,045	23,583	94	78	5 480	676,805	1 964,826	2,903	2,441
45	29	96 796	35 563,905	839 650,772	23,610	23,148	95	79	3 892	470,113	1 288,021	2,740	2,278
46	30	96 591	34 707,392	804 086,867	23,168	22,706	96	80	2 675	315,970	817,909	2,589	2,127
47	31	96 364	33 864,064	769 379,476	22,720	22,258	97	81	1 769	204,345	501,938	2,456	1,994
48	32	96 108	33 031,030	735 515,411	22,267	21,805	98	82	1 132	127,922	297,594	2,326	1,864
49	33	95 824	32 208,584	702 484,382	21,810	21,348	99	83	699	77,256	169,672	2,196	1,734
							100	84	409	44,209	92,416	2,090	1,628

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	31 407,329	671 916,810	21,394	20,932
1							51	34	95 202	30 606,789	640 509,481	20,927	20,465
2							52	35	94 825	29 814,803	609 902,692	20,456	19,994
3							53	36	94 402	29 028,654	580 087,889	19,983	19,521
4							54	37	93 931	28 248,254	551 059,236	19,508	19,046
5							55	38	93 414	27 474,411	522 810,981	19,029	18,567
6							56	39	92 831	26 702,233	495 336,571	18,550	18,088
7							57	40	92 183	25 932,365	468 634,338	18,071	17,609
8							58	41	91 473	25 166,486	442 701,973	17,591	17,129
9							59	42	90 700	24 404,694	417 535,487	17,109	16,647
10							60	43	89 840	23 641,179	393 130,793	16,629	16,167
11							61	44	88 902	22 879,543	369 489,614	16,149	15,687
12							62	45	87 877	22 118,113	346 610,072	15,671	15,209
13							63	46	86 750	21 354,171	324 491,959	15,196	14,734
14							64	47	85 525	20 589,315	303 137,788	14,723	14,261
15							65	48	84 207	19 825,864	282 548,474	14,252	13,789
16							66	49	82 788	19 062,964	262 722,610	13,782	13,320
17	0	99 475	68 145,386	2 263 007,108	33,209	32,747	67	50	81 260	18 299,416	243 659,646	13,315	12,853
18	1	99 161	66 435,404	2 194 861,722	33,038	32,576	68	51	79 644	17 540,759	225 360,230	12,848	12,386
19	2	99 100	64 933,975	2 128 426,318	32,778	32,316	69	52	77 918	16 782,961	207 819,471	12,383	11,921
20	3	99 047	63 471,142	2 063 492,344	32,511	32,049	70	53	76 107	16 032,189	191 036,511	11,916	11,454
21	4	98 997	62 042,666	2 000 021,201	32,236	31,774	71	54	74 209	15 288,456	175 004,322	11,447	10,985
22	5	98 947	60 647,300	1 937 978,535	31,955	31,493	72	55	72 160	14 539,009	159 715,866	10,985	10,523
23	6	98 899	59 283,869	1 877 331,235	31,667	31,205	73	56	70 044	13 802,261	145 176,858	10,518	10,056
24	7	98 850	57 950,739	1 818 047,367	31,372	30,910	74	57	67 795	13 065,049	131 374,597	10,057	9,593
25	8	98 800	56 646,880	1 760 096,628	31,071	30,609	75	58	65 434	12 332,604	118 309,548	9,593	9,131
26	9	98 750	55 371,912	1 703 449,747	30,764	30,302	76	59	62 930	11 599,650	105 976,944	9,136	8,674
27	10	98 701	54 126,719	1 648 077,835	30,449	29,986	77	60	60 293	10 868,976	94 377,294	8,683	8,221
28	11	98 651	52 908,917	1 593 951,117	30,126	29,664	78	61	57 568	10 149,526	83 508,317	8,228	7,766
29	12	98 598	51 716,752	1 541 042,200	29,798	29,336	79	62	54 687	9 429,316	73 358,791	7,780	7,318
30	13	98 543	50 550,583	1 489 325,448	29,462	29,000	80	63	51 663	8 711,931	63 929,475	7,338	6,876
31	14	98 483	49 408,209	1 438 774,865	29,120	28,658	81	64	48 451	7 990,536	55 217,544	6,910	6,448
32	15	98 418	48 288,813	1 389 366,656	28,772	28,310	82	65	45 101	7 274,326	47 227,008	6,492	6,030
33	16	98 346	47 191,908	1 341 077,843	28,418	27,956	83	66	41 634	6 567,467	39 952,682	6,083	5,621
34	17	98 265	46 115,201	1 293 885,935	28,058	27,596	84	67	38 010	5 863,736	33 385,215	5,694	5,231
35	18	98 183	45 062,904	1 247 770,733	27,690	27,228	85	68	34 281	5 172,136	27 521,479	5,321	4,859
36	19	98 093	44 030,878	1 202 707,830	27,315	26,853	86	69	30 473	4 496,476	22 349,343	4,970	4,508
37	20	97 990	43 016,883	1 158 676,952	26,935	26,473	87	70	26 667	3 848,306	17 852,867	4,639	4,177
38	21	97 876	42 021,454	1 115 660,069	26,550	26,088	88	71	22 935	3 236,851	14 004,561	4,327	3,865
39	22	97 760	41 048,050	1 073 638,615	26,156	25,694	89	72	19 299	2 663,813	10 767,710	4,042	3,580
40	23	97 631	40 091,712	1 032 590,565	25,756	25,294	90	73	15 870	2 142,339	8 103,897	3,783	3,321
41	24	97 494	39 154,569	992 498,853	25,348	24,886	91	74	12 743	1 682,331	5 961,558	3,544	3,082
42	25	97 337	38 231,141	953 344,285	24,936	24,474	92	75	10 000	1 291,200	4 279,227	3,314	2,852
43	26	97 180	37 329,719	915 113,143	24,514	24,052	93	76	7 605	960,283	2 988,027	3,112	2,650
44	27	97 008	36 443,567	877 783,424	24,086	23,624	94	77	5 615	693,404	2 027,744	2,924	2,462
45	28	96 819	35 572,371	841 339,858	23,651	23,189	95	78	4 001	483,261	1 334,340	2,761	2,299
46	29	96 614	34 715,958	805 767,487	23,210	22,748	96	79	2 760	326,014	851,079	2,611	2,149
47	30	96 391	33 873,643	771 051,529	22,763	22,301	97	80	1 834	211,813	525,065	2,479	2,017
48	31	96 139	33 041,669	737 177,886	22,311	21,849	98	81	1 180	133,310	313,251	2,350	1,888
49	32	95 856	32 219,406	704 136,217	21,854	21,392	99	82	734	81,066	179,941	2,220	1,758
							100	83	433	46,791	98,875	2,113	1,651

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	32	95 575	31 417,882	673 417,025	21,434	20,972
							51	33	95 236	30 617,512	641 999,142	20,968	20,506
							52	34	94 862	29 826,191	611 381,630	20,498	20,036
							53	35	94 446	29 042,214	581 555,440	20,024	19,562
							54	36	93 976	28 261,731	552 513,225	19,550	19,088
							55	37	93 461	27 488,290	524 251,494	19,072	18,610
							56	38	92 883	26 717,037	496 763,204	18,593	18,131
							57	39	92 243	25 949,249	470 046,167	18,114	17,652
							58	40	91 531	25 182,430	444 096,918	17,635	17,173
							59	41	90 767	24 422,594	418 914,488	17,153	16,691
							60	42	89 912	23 660,269	394 491,894	16,673	16,211
							61	43	88 981	22 900,054	370 831,625	16,193	15,731
							62	44	87 960	22 139,053	347 931,571	15,716	15,254
							63	45	86 844	21 377,165	325 792,518	15,240	14,778
							64	46	85 627	20 613,725	304 415,353	14,768	14,306
							65	47	84 316	19 851,659	283 801,628	14,296	13,834
							66	48	82 914	19 091,928	263 949,969	13,825	13,363
							67	49	81 398	18 330,285	244 858,041	13,358	12,896
18	0	99 448	66 628,084	2 196 747,729	32,970	32,508	68	50	79 791	17 573,162	226 527,756	12,891	12,429
19	1	99 122	64 948,420	2 130 119,645	32,797	32,335	69	51	78 080	16 817,883	208 954,594	12,425	11,963
20	2	99 060	63 479,484	2 065 171,225	32,533	32,071	70	52	76 275	16 067,609	192 136,711	11,958	11,496
21	3	99 006	62 048,853	2 001 691,742	32,260	31,798	71	53	74 394	15 326,443	176 069,102	11,488	11,026
22	4	98 957	60 652,883	1 939 642,889	31,979	31,517	72	54	72 359	14 579,164	160 742,659	11,026	10,563
23	5	98 906	59 287,897	1 878 990,006	31,693	31,231	73	55	70 263	13 845,353	146 163,495	10,557	10,095
24	6	98 858	57 954,971	1 819 702,109	31,399	30,937	74	56	68 025	13 109,379	132 318,142	10,093	9,631
25	7	98 805	56 649,579	1 761 747,138	31,099	30,637	75	57	65 681	12 379,104	119 208,763	9,630	9,168
26	8	98 757	55 375,903	1 705 097,560	30,791	30,329	76	58	63 194	11 648,265	106 829,659	9,171	8,709
27	9	98 706	54 129,596	1 649 721,657	30,477	30,015	77	59	60 573	10 919,583	95 181,394	8,717	8,255
28	10	98 657	52 911,859	1 595 592,061	30,156	29,694	78	60	57 865	10 201,829	84 261,811	8,259	7,797
29	11	98 605	51 720,729	1 542 680,203	29,827	29,365	79	61	54 994	9 482,286	74 059,982	7,810	7,348
30	12	98 549	50 553,778	1 490 959,474	29,493	29,031	80	62	51 981	8 765,593	64 577,696	7,367	6,905
31	13	98 491	49 412,114	1 440 405,696	29,151	28,689	81	63	48 781	8 044,921	55 812,103	6,938	6,476
32	14	98 427	48 293,268	1 390 993,581	28,803	28,341	82	64	45 437	7 328,623	47 767,182	6,518	6,056
33	15	98 357	47 197,373	1 342 700,313	28,449	27,987	83	65	41 971	6 620,521	40 438,560	6,108	5,646
34	16	98 277	46 121,097	1 295 502,941	28,089	27,627	84	66	38 345	5 915,543	33 818,038	5,717	5,255
35	17	98 195	45 068,747	1 249 381,843	27,722	27,260	85	67	34 605	5 220,994	27 902,495	5,344	4,882
36	18	98 109	44 038,026	1 204 313,096	27,347	26,885	86	68	30 787	4 542,831	22 681,501	4,993	4,531
37	19	98 006	43 023,954	1 160 275,070	26,968	26,506	87	69	26 979	3 893,259	18 138,671	4,659	4,197
38	20	97 892	42 028,334	1 117 251,116	26,583	26,121	88	70	23 226	3 277,996	14 245,412	4,346	3,884
39	21	97 777	41 055,021	1 075 222,782	26,190	25,728	89	71	19 570	2 701,128	10 967,416	4,060	3,598
40	22	97 647	40 098,439	1 034 167,761	25,791	25,329	90	72	16 111	2 174,849	8 266,288	3,801	3,339
41	23	97 510	39 160,974	994 069,322	25,384	24,922	91	73	12 960	1 710,966	6 091,439	3,560	3,098
42	24	97 353	38 237,423	954 908,348	24,973	24,511	92	74	10 186	1 315,124	4 380,474	3,331	2,869
43	25	97 199	37 336,978	916 670,926	24,551	24,089	93	75	7 761	980,000	3 065,349	3,128	2,666
44	26	97 025	36 450,063	879 333,948	24,124	23,662	94	76	5 742	709,110	2 085,349	2,941	2,479
45	27	96 840	35 579,833	842 883,885	23,690	23,228	95	77	4 099	495,114	1 376,239	2,780	2,318
46	28	96 637	34 724,223	807 304,051	23,249	22,787	96	78	2 837	335,132	881,125	2,629	2,167
47	29	96 415	33 882,004	772 579,829	22,802	22,340	97	79	1 892	218,547	545,993	2,498	2,036
48	30	96 167	33 051,015	738 697,825	22,350	21,888	98	80	1 223	138,182	327,446	2,370	1,908
49	31	95 887	32 229,785	705 646,809	21,894	21,432	99	81	765	84,480	189,264	2,240	1,778
							100	82	454	49,099	104,784	2,134	1,672

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	31 428,002	674 788,450	21,471	21,009
1							51	32	95 268	30 627,800	643 360,448	21,006	20,544
2							52	33	94 895	29 836,640	612 732,648	20,536	20,074
3							53	34	94 482	29 053,307	582 896,007	20,063	19,601
4							54	35	94 020	28 274,934	553 842,701	19,588	19,126
5							55	36	93 506	27 501,405	525 567,767	19,111	18,649
6							56	37	92 929	26 730,534	498 066,362	18,633	18,171
7							57	38	92 294	25 963,635	471 335,828	18,154	17,692
8							58	39	91 591	25 198,825	445 372,193	17,674	17,212
9							59	40	90 824	24 438,066	420 173,367	17,193	16,731
10							60	41	89 978	23 677,624	395 735,301	16,713	16,251
11							61	42	89 053	22 918,546	372 057,678	16,234	15,772
12							62	43	88 039	22 158,901	349 139,132	15,756	15,294
13							63	44	86 926	21 397,404	326 980,231	15,281	14,819
14							64	45	85 719	20 635,923	305 582,827	14,808	14,346
15							65	46	84 416	19 875,195	284 946,905	14,337	13,875
16							66	47	83 022	19 116,768	265 071,710	13,866	13,404
17							67	48	81 521	18 358,136	245 954,942	13,398	12,936
18							68	49	79 926	17 602,806	227 596,806	12,930	12,468
19	0	99 410	65 136,787	2 131 857,958	32,729	32,267	69	50	78 224	16 848,951	209 993,999	12,463	12,001
20	1	99 082	63 493,605	2 066 721,171	32,550	32,088	70	51	76 434	16 101,043	193 145,049	11,996	11,534
21	2	99 019	62 057,007	2 003 227,565	32,280	31,818	71	52	74 558	15 360,304	177 044,006	11,526	11,064
22	3	98 966	60 658,931	1 941 170,558	32,001	31,539	72	53	72 539	14 615,389	161 683,702	11,063	10,601
23	4	98 915	59 293,355	1 880 511,628	31,715	31,253	73	54	70 457	13 883,592	147 068,313	10,593	10,131
24	5	98 864	57 958,909	1 821 218,273	31,423	30,961	74	55	68 237	13 150,308	133 184,721	10,128	9,666
25	6	98 812	56 653,715	1 763 259,364	31,123	30,661	75	56	65 904	12 421,107	120 034,413	9,664	9,202
26	7	98 762	55 378,540	1 706 605,649	30,817	30,355	76	57	63 432	11 692,184	107 613,306	9,204	8,742
27	8	98 713	54 133,497	1 651 227,109	30,503	30,041	77	58	60 827	10 965,348	95 921,122	8,748	8,286
28	9	98 662	52 914,671	1 597 093,612	30,182	29,720	78	59	58 135	10 249,329	84 955,774	8,289	7,827
29	10	98 611	51 723,605	1 544 178,940	29,854	29,392	79	60	55 277	9 531,150	74 706,445	7,838	7,376
30	11	98 557	50 557,666	1 492 455,336	29,520	29,058	80	61	52 273	8 814,834	65 175,295	7,394	6,932
31	12	98 497	49 415,237	1 441 897,670	29,179	28,717	81	62	49 081	8 094,474	56 360,460	6,963	6,501
32	13	98 434	48 297,085	1 392 482,433	28,832	28,370	82	63	45 747	7 378,503	48 265,986	6,541	6,079
33	14	98 367	47 201,727	1 344 185,347	28,477	28,015	83	64	42 284	6 669,938	40 887,483	6,130	5,668
34	15	98 288	46 126,438	1 296 983,620	28,118	27,656	84	65	38 655	5 963,332	34 217,546	5,738	5,276
35	16	98 208	45 074,509	1 250 857,183	27,751	27,289	85	66	34 910	5 267,122	28 254,214	5,364	4,902
36	17	98 121	44 043,736	1 205 782,673	27,377	26,915	86	67	31 078	4 585,744	22 987,092	5,013	4,551
37	18	98 022	43 030,939	1 161 738,937	26,998	26,536	87	68	27 257	3 933,395	18 401,348	4,678	4,216
38	19	97 908	42 035,243	1 118 707,998	26,614	26,152	88	69	23 498	3 316,287	14 467,953	4,363	3,901
39	20	97 793	41 061,742	1 076 672,755	26,221	25,759	89	70	19 818	2 735,463	11 151,666	4,077	3,615
40	21	97 664	40 105,249	1 035 611,013	25,822	25,360	90	71	16 337	2 205,314	8 416,204	3,816	3,354
41	22	97 526	39 167,545	995 505,764	25,417	24,955	91	72	13 157	1 736,929	6 210,890	3,576	3,114
42	23	97 369	38 243,678	956 338,219	25,006	24,544	92	73	10 359	1 337,509	4 473,961	3,345	2,883
43	24	97 215	37 343,112	918 094,541	24,585	24,123	93	74	7 905	998,159	3 136,451	3,142	2,680
44	25	97 044	36 457,151	880 751,429	24,159	23,697	94	75	5 860	723,670	2 138,292	2,955	2,493
45	26	96 857	35 586,176	844 294,278	23,725	23,263	95	76	4 192	506,328	1 414,622	2,794	2,332
46	27	96 658	34 731,507	808 708,101	23,285	22,823	96	77	2 907	343,352	908,294	2,645	2,183
47	28	96 438	33 890,069	773 976,594	22,838	22,376	97	78	1 945	224,659	564,943	2,515	2,053
48	29	96 190	33 059,173	740 086,525	22,387	21,925	98	79	1 262	142,575	340,284	2,387	1,925
49	30	95 914	32 238,901	707 027,351	21,931	21,469	99	80	793	87,568	197,709	2,258	1,796
							100	81	474	51,167	110,141	2,153	1,691

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	31 436,892	676 041,271	21,505	21,043
1							51	31	95 298	30 637,666	644 604,379	21,040	20,578
2							52	32	94 927	29 846,666	613 966,713	20,571	20,109
3							53	33	94 516	29 063,486	584 120,047	20,098	19,636
4							54	34	94 056	28 285,733	555 056,562	19,623	19,161
5							55	35	93 549	27 514,252	526 770,829	19,145	18,683
6							56	36	92 974	26 743,287	499 256,577	18,668	18,206
7							57	37	92 341	25 976,752	472 513,290	18,190	17,728
8							58	38	91 642	25 212,796	446 536,538	17,711	17,249
9							59	39	90 884	24 453,977	421 323,742	17,229	16,767
10							60	40	90 035	23 692,624	396 869,765	16,751	16,289
11							61	41	89 118	22 935,356	373 177,141	16,271	15,809
12							62	42	88 110	22 176,794	350 241,785	15,793	15,331
13							63	43	87 004	21 416,587	328 064,991	15,318	14,856
14							64	44	85 800	20 655,460	306 648,404	14,846	14,384
15							65	45	84 507	19 896,597	285 992,945	14,374	13,912
16							66	46	83 120	19 139,433	266 096,348	13,903	13,441
17							67	47	81 627	18 382,021	246 956,915	13,435	12,973
18							68	48	80 047	17 629,552	228 574,894	12,965	12,503
19							69	49	78 356	16 877,373	210 945,342	12,499	12,037
20	0	99 370	63 677,753	2 068 323,636	32,481	32,019	70	50	76 575	16 130,786	194 067,968	12,031	11,569
21	1	99 041	62 070,812	2 004 645,883	32,296	31,834	71	51	74 713	15 392,266	177 937,182	11,560	11,098
22	2	98 979	60 666,902	1 942 575,071	32,020	31,558	72	52	72 699	14 647,679	162 544,916	11,097	10,635
23	3	98 925	59 299,267	1 881 908,168	31,736	31,274	73	53	70 632	13 918,089	147 897,237	10,626	10,164
24	4	98 873	57 964,245	1 822 608,901	31,444	30,982	74	54	68 426	13 186,628	133 979,148	10,160	9,698
25	5	98 819	56 657,565	1 764 644,657	31,146	30,684	75	55	66 109	12 459,887	120 792,521	9,695	9,232
26	6	98 769	55 382,584	1 707 987,092	30,840	30,378	76	56	63 647	11 731,857	108 332,634	9,234	8,772
27	7	98 718	54 136,075	1 652 604,508	30,527	30,065	77	57	61 057	11 006,692	96 600,777	8,777	8,315
28	8	98 669	52 918,485	1 598 468,433	30,206	29,744	78	58	58 378	10 292,285	85 594,085	8,316	7,854
29	9	98 616	51 726,354	1 545 549,948	29,879	29,417	79	59	55 535	9 575,528	75 301,800	7,864	7,402
30	10	98 562	50 560,477	1 493 823,594	29,545	29,083	80	60	52 543	8 860,259	65 726,273	7,418	6,956
31	11	98 505	49 419,038	1 443 263,117	29,205	28,743	81	61	49 357	8 139,946	56 866,014	6,986	6,524
32	12	98 441	48 300,138	1 393 844,079	28,858	28,396	82	62	46 029	7 423,952	48 726,068	6,563	6,101
33	13	98 374	47 205,458	1 345 543,941	28,504	28,042	83	63	42 572	6 715,334	41 302,116	6,150	5,688
34	14	98 298	46 130,693	1 298 338,483	28,145	27,683	84	64	38 944	6 007,842	34 586,782	5,757	5,295
35	15	98 219	45 079,728	1 252 207,790	27,778	27,316	85	65	35 192	5 309,672	28 578,940	5,382	4,920
36	16	98 134	44 049,368	1 207 128,062	27,404	26,942	86	66	31 353	4 626,259	23 269,267	5,030	4,568
37	17	98 035	43 036,519	1 163 078,694	27,025	26,563	87	67	27 514	3 970,551	18 643,008	4,695	4,233
38	18	97 924	42 042,067	1 120 042,175	26,641	26,179	88	68	23 740	3 350,475	14 672,457	4,379	3,917
39	19	97 809	41 068,492	1 078 000,108	26,249	25,787	89	69	20 050	2 767,416	11 321,982	4,091	3,629
40	20	97 680	40 111,815	1 036 931,616	25,851	25,389	90	70	16 545	2 233,346	8 554,566	3,830	3,368
41	21	97 543	39 174,197	996 819,801	25,446	24,984	91	71	13 341	1 761,260	6 321,219	3,589	3,127
42	22	97 385	38 250,095	957 645,604	25,036	24,574	92	72	10 516	1 357,805	4 559,959	3,358	2,896
43	23	97 231	37 349,221	919 395,509	24,616	24,154	93	73	8 039	1 015,149	3 202,154	3,154	2,692
44	24	97 060	36 463,141	882 046,288	24,190	23,728	94	74	5 969	737,079	2 187,005	2,967	2,505
45	25	96 876	35 593,096	845 583,147	23,757	23,295	95	75	4 278	516,725	1 449,926	2,806	2,344
46	26	96 675	34 737,699	809 990,051	23,317	22,855	96	76	2 973	351,129	933,201	2,658	2,196
47	27	96 458	33 897,179	775 252,352	22,871	22,409	97	77	1 992	230,169	582,073	2,529	2,067
48	28	96 213	33 067,043	741 355,173	22,420	21,958	98	78	1 297	146,562	351,904	2,401	1,939
49	29	95 938	32 246,859	708 288,130	21,965	21,503	99	79	818	90,352	205,341	2,273	1,811
							100	80	491	53,037	114,990	2,168	1,706

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	29	95 656	31 444,652	677 184,867	21,536	21,074
							51	30	95 325	30 646,332	645 740,215	21,071	20,609
							52	31	94 957	29 856,280	615 093,883	20,602	20,140
							53	32	94 547	29 073,252	585 237,603	20,130	19,668
							54	33	94 089	28 295,643	556 164,352	19,655	19,193
							55	34	93 585	27 524,761	527 868,709	19,178	18,716
							56	35	93 017	26 755,780	500 343,948	18,700	18,238
							57	36	92 385	25 989,145	473 588,168	18,223	17,761
							58	37	91 688	25 225,533	447 599,023	17,744	17,282
							59	38	90 934	24 467,535	422 373,490	17,263	16,801
							60	39	90 094	23 708,050	397 905,955	16,784	16,322
							61	40	89 175	22 949,886	374 197,905	16,305	15,843
							62	41	88 174	22 193,060	351 248,019	15,827	15,365
							63	42	87 074	21 433,881	329 054,959	15,352	14,890
							64	43	85 877	20 673,977	307 621,078	14,880	14,418
							65	44	84 587	19 915,434	286 947,101	14,408	13,946
							66	45	83 210	19 160,043	267 031,667	13,937	13,475
							67	46	81 724	18 403,815	247 871,625	13,468	13,006
							68	47	80 151	17 652,489	229 467,810	12,999	12,537
							69	48	78 475	16 903,017	211 815,321	12,531	12,069
							70	49	76 704	16 157,997	194 912,304	12,063	11,601
21	0	99 329	62 250,834	2 006 123,404	32,226	31,764	71	50	74 851	15 420,700	178 754,306	11,592	11,130
22	1	99 001	60 680,399	1 943 872,570	32,035	31,573	72	51	72 850	14 678,158	163 333,606	11,128	10,666
23	2	98 938	59 307,060	1 883 192,172	31,753	31,291	73	52	70 788	13 948,838	148 655,448	10,657	10,195
24	3	98 883	57 970,024	1 823 885,112	31,463	31,001	74	53	68 596	13 219,393	134 706,610	10,190	9,728
25	4	98 828	56 662,781	1 765 915,088	31,165	30,703	75	54	66 292	12 494,299	121 487,217	9,723	9,261
26	5	98 775	55 386,347	1 709 252,307	30,861	30,399	76	55	63 846	11 768,485	108 992,917	9,261	8,799
27	6	98 725	54 140,028	1 653 865,960	30,548	30,086	77	56	61 264	11 044,038	97 224,433	8,803	8,341
28	7	98 674	52 921,005	1 599 725,931	30,229	29,767	78	57	58 598	10 331,092	86 180,394	8,342	7,880
29	8	98 623	51 730,082	1 546 804,926	29,901	29,439	79	58	55 767	9 615,659	75 849,303	7,888	7,426
30	9	98 568	50 563,164	1 495 074,844	29,568	29,106	80	59	52 787	8 901,513	66 233,643	7,441	6,979
31	10	98 510	49 421,785	1 444 511,680	29,228	28,766	81	60	49 612	8 181,893	57 332,131	7,007	6,545
32	11	98 448	48 303,853	1 395 089,894	28,882	28,420	82	61	46 287	7 465,656	49 150,238	6,584	6,121
33	12	98 381	47 208,442	1 346 786,042	28,529	28,066	83	62	42 834	6 756,698	41 684,582	6,169	5,707
34	13	98 305	46 134,340	1 299 577,600	28,169	27,707	84	63	39 209	6 048,733	34 927,884	5,774	5,312
35	14	98 228	45 083,887	1 253 443,261	27,802	27,340	85	64	35 455	5 349,304	28 879,151	5,399	4,937
36	15	98 145	44 054,468	1 208 359,373	27,429	26,967	86	65	31 606	4 663,632	23 529,847	5,045	4,583
37	16	98 047	43 042,022	1 164 304,905	27,050	26,588	87	66	27 757	4 005,632	18 866,214	4,710	4,248
38	17	97 937	42 047,519	1 121 262,884	26,667	26,205	88	67	23 964	3 382,125	14 860,583	4,394	3,932
39	18	97 825	41 075,160	1 079 215,365	26,274	25,812	89	68	20 256	2 795,946	11 478,458	4,105	3,643
40	19	97 696	40 118,409	1 038 140,206	25,877	25,415	90	69	16 738	2 259,435	8 682,512	3,843	3,381
41	20	97 559	39 180,610	998 021,797	25,472	25,010	91	70	13 510	1 783,648	6 423,078	3,601	3,139
42	21	97 401	38 256,591	958 841,187	25,063	24,601	92	71	10 664	1 376,826	4 639,430	3,370	2,908
43	22	97 247	37 355,488	920 584,595	24,644	24,182	93	72	8 161	1 030,553	3 262,604	3,166	2,704
44	23	97 076	36 469,106	883 229,107	24,219	23,757	94	73	6 070	749,625	2 232,051	2,978	2,516
45	24	96 892	35 598,944	846 760,001	23,786	23,324	95	74	4 358	526,299	1 482,426	2,817	2,355
46	25	96 694	34 744,454	811 161,058	23,346	22,884	96	75	3 034	358,338	956,127	2,668	2,206
47	26	96 475	33 903,222	776 416,604	22,901	22,439	97	76	2 038	235,382	597,788	2,540	2,078
48	27	96 233	33 073,980	742 513,382	22,450	21,988	98	77	1 329	150,157	362,406	2,414	1,952
49	28	95 961	32 254,535	709 439,402	21,995	21,533	99	78	841	92,879	212,249	2,285	1,823
							100	79	506	54,723	119,370	2,181	1,719

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	28	95 679	31 452,137	678 228,648	21,564	21,102
1							51	29	95 349	30 653,896	646 776,511	21,099	20,637
2							52	30	94 984	29 864,725	616 122,615	20,630	20,168
3							53	31	94 578	29 082,616	586 257,890	20,158	19,696
4							54	32	94 121	28 305,151	557 175,273	19,685	19,223
5							55	33	93 618	27 534,404	528 870,123	19,208	18,746
6							56	34	93 053	26 765,999	501 335,718	18,730	18,268
7							57	35	92 428	26 001,286	474 569,719	18,252	17,790
8							58	36	91 732	25 237,568	448 568,433	17,774	17,312
9							59	37	90 980	24 479,896	423 330,865	17,293	16,831
10							60	38	90 144	23 721,194	398 850,970	16,814	16,352
11							61	39	89 233	22 964,828	375 129,776	16,335	15,873
12							62	40	88 230	22 207,120	352 164,948	15,858	15,396
13							63	41	87 138	21 449,602	329 957,828	15,383	14,921
14							64	42	85 946	20 690,672	308 508,226	14,910	14,448
15							65	43	84 663	19 933,288	287 817,554	14,439	13,977
16							66	44	83 289	19 178,182	267 884,266	13,968	13,506
17							67	45	81 812	18 423,632	248 706,084	13,499	13,037
18							68	46	80 246	17 673,418	230 282,452	13,030	12,568
19							69	47	78 577	16 925,009	212 609,034	12,562	12,100
20							70	48	76 821	16 182,548	195 684,025	12,092	11,630
21							71	49	74 978	15 446,714	179 501,477	11,621	11,159
22	0	99 289	60 856,387	1 945 235,194	31,964	31,502	72	50	72 985	14 705,273	164 054,763	11,156	10,694
23	1	98 960	59 320,254	1 884 378,806	31,766	31,304	73	51	70 935	13 977,863	149 349,490	10,685	10,223
24	2	98 896	57 977,643	1 825 058,553	31,479	31,017	74	52	68 747	13 248,598	135 371,627	10,218	9,756
25	3	98 838	56 668,431	1 767 080,910	31,183	30,721	75	53	66 457	12 525,345	122 123,029	9,750	9,288
26	4	98 785	55 391,446	1 710 412,479	30,879	30,417	76	54	64 022	11 800,988	109 597,684	9,287	8,825
27	5	98 732	54 143,707	1 655 021,033	30,567	30,105	77	55	61 455	11 078,519	97 796,696	8,828	8,366
28	6	98 681	52 924,870	1 600 877,326	30,248	29,786	78	56	58 797	10 366,146	86 718,177	8,366	7,904
29	7	98 628	51 732,546	1 547 952,456	29,922	29,460	79	57	55 978	9 651,915	76 352,032	7,911	7,449
30	8	98 575	50 566,808	1 496 219,910	29,589	29,127	80	58	53 008	8 938,819	66 700,117	7,462	7,000
31	9	98 515	49 424,412	1 445 653,102	29,250	28,788	81	59	49 843	8 219,988	57 761,298	7,027	6,565
32	10	98 454	48 306,538	1 396 228,690	28,904	28,441	82	60	46 526	7 504,128	49 541,310	6,602	6,140
33	11	98 388	47 212,072	1 347 922,151	28,550	28,088	83	61	43 075	6 794,655	42 037,181	6,187	5,725
34	12	98 312	46 137,255	1 300 710,079	28,192	27,730	84	62	39 450	6 085,991	35 242,527	5,791	5,329
35	13	98 236	45 087,451	1 254 572,824	27,825	27,363	85	63	35 696	5 385,713	29 156,536	5,414	4,952
36	14	98 154	44 058,532	1 209 485,373	27,452	26,990	86	64	31 842	4 698,442	23 770,823	5,059	4,597
37	15	98 059	43 047,005	1 165 426,841	27,073	26,611	87	65	27 982	4 037,991	19 072,381	4,723	4,261
38	16	97 949	42 052,895	1 122 379,835	26,690	26,228	88	66	24 176	3 412,006	15 034,390	4,406	3,944
39	17	97 837	41 080,486	1 080 326,941	26,298	25,836	89	67	20 448	2 822,357	11 622,384	4,118	3,656
40	18	97 712	40 124,922	1 039 246,455	25,900	25,438	90	68	16 910	2 282,727	8 800,027	3,855	3,393
41	19	97 575	39 187,051	999 121,533	25,496	25,034	91	69	13 668	1 804,483	6 517,300	3,612	3,150
42	20	97 417	38 262,854	959 934,482	25,088	24,626	92	70	10 799	1 394,327	4 712,816	3,380	2,918
43	21	97 264	37 361,832	921 671,628	24,669	24,207	93	71	8 276	1 044,989	3 318,490	3,176	2,714
44	22	97 092	36 475,226	884 309,795	24,244	23,782	94	72	6 162	761,000	2 273,500	2,988	2,526
45	23	96 908	35 604,767	847 834,570	23,812	23,350	95	73	4 432	535,257	1 512,500	2,826	2,364
46	24	96 710	34 750,162	812 229,803	23,373	22,911	96	74	3 090	364,978	977,243	2,678	2,216
47	25	96 494	33 909,815	777 479,641	22,928	22,466	97	75	2 079	240,215	612,265	2,549	2,087
48	26	96 251	33 079,876	743 569,826	22,478	22,016	98	76	1 359	153,558	372,049	2,423	1,961
49	27	95 981	32 261,302	710 489,950	22,023	21,561	99	77	861	95,157	218,491	2,296	1,834
							100	78	521	56,254	123,334	2,192	1,730

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	27	95 699	31 458,735	679 180,643	21,590	21,128
							51	28	95 371	30 661,193	647 721,908	21,125	20,663
							52	29	95 008	29 872,096	617 060,714	20,657	20,195
							53	30	94 605	29 090,843	587 188,618	20,185	19,723
							54	31	94 151	28 314,268	558 097,775	19,711	19,249
							55	32	93 649	27 543,656	529 783,507	19,234	18,772
							56	33	93 085	26 775,377	502 239,851	18,758	18,296
							57	34	92 463	26 011,217	475 464,474	18,279	17,817
							58	35	91 775	25 249,358	449 453,257	17,801	17,339
							59	36	91 023	24 491,575	424 203,899	17,320	16,858
							60	37	90 189	23 733,177	399 712,325	16,842	16,380
							61	38	89 282	22 977,560	375 979,148	16,363	15,901
							62	39	88 288	22 221,579	353 001,587	15,886	15,424
							63	40	87 193	21 463,191	330 780,009	15,412	14,949
							64	41	86 009	20 705,848	309 316,818	14,939	14,477
							65	42	84 732	19 949,384	288 610,970	14,467	14,005
							66	43	83 363	19 195,375	268 661,586	13,996	13,534
							67	44	81 890	18 441,075	249 466,211	13,528	13,066
							68	45	80 333	17 692,449	231 025,136	13,058	12,596
							69	46	78 671	16 945,075	213 332,687	12,590	12,128
							70	47	76 921	16 203,602	196 387,612	12,120	11,658
							71	48	75 092	15 470,184	180 184,009	11,647	11,185
							72	49	73 108	14 730,080	164 713,826	11,182	10,720
							73	50	71 066	14 003,684	149 983,746	10,710	10,248
							74	51	68 890	13 276,167	135 980,062	10,242	9,780
							75	52	66 603	12 553,017	122 703,895	9,775	9,313
							76	53	64 181	11 830,310	110 150,878	9,311	8,849
							77	54	61 625	11 109,116	98 320,568	8,850	8,388
							78	55	58 981	10 398,510	87 211,452	8,387	7,925
							79	56	56 168	9 684,664	76 812,942	7,931	7,469
							80	57	53 208	8 972,523	67 128,278	7,482	7,020
							81	58	50 051	8 254,438	58 155,755	7,045	6,583
							82	59	46 742	7 539,068	49 901,316	6,619	6,157
							83	60	43 297	6 829,669	42 362,249	6,203	5,741
							84	61	39 672	6 120,179	35 532,580	5,806	5,344
							85	62	35 916	5 418,886	29 412,400	5,428	4,966
							86	63	32 059	4 730,421	23 993,514	5,072	4,610
							87	64	28 191	4 068,131	19 263,093	4,735	4,273
							88	65	24 371	3 439,570	15 194,962	4,418	3,956
							89	66	20 628	2 847,293	11 755,393	4,129	3,667
							90	67	17 070	2 304,291	8 908,099	3,866	3,404
							91	68	13 809	1 823,086	6 603,809	3,622	3,160
							92	69	10 925	1 410,614	4 780,723	3,389	2,927
							93	70	8 381	1 058,272	3 370,108	3,185	2,723
							94	71	6 249	771,660	2 311,836	2,996	2,534
							95	72	4 499	543,380	1 540,176	2,834	2,372
							96	73	3 142	371,190	996,796	2,685	2,223
							97	74	2 118	244,666	625,606	2,557	2,095
							98	75	1 387	156,711	380,939	2,431	1,969
							99	76	881	97,312	224,228	2,304	1,842
							100	77	533	57,633	126,916	2,202	1,740

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	31 464,344	680 048,083	21,613	21,151
1							51	27	95 391	30 667,626	648 583,739	21,149	20,687
2							52	28	95 030	29 879,207	617 916,113	20,680	20,218
3							53	29	94 628	29 098,023	588 036,906	20,209	19,747
4							54	30	94 178	28 322,277	558 938,883	19,735	19,273
5							55	31	93 679	27 552,528	530 616,606	19,258	18,796
6							56	32	93 117	26 784,374	503 064,077	18,782	18,320
7							57	33	92 496	26 020,330	476 279,703	18,304	17,842
8							58	34	91 810	25 259,001	450 259,373	17,826	17,364
9							59	35	91 066	24 503,016	425 000,372	17,345	16,883
10							60	36	90 232	23 744,500	400 497,356	16,867	16,405
11							61	37	89 328	22 989,168	376 752,856	16,388	15,926
12							62	38	88 337	22 233,898	353 763,688	15,911	15,449
13							63	39	87 250	21 477,165	331 529,789	15,436	14,974
14							64	40	86 064	20 718,965	310 052,624	14,965	14,503
15							65	41	84 794	19 964,016	289 333,659	14,493	14,031
16							66	42	83 431	19 210,876	269 369,643	14,022	13,560
17							67	43	81 963	18 457,607	250 158,767	13,553	13,091
18							68	44	80 409	17 709,199	231 701,159	13,084	12,622
19							69	45	78 755	16 963,322	213 991,960	12,615	12,153
20							70	46	77 012	16 222,813	197 028,638	12,145	11,683
21							71	47	75 189	15 490,311	180 805,825	11,672	11,210
22							72	48	73 219	14 752,461	165 315,514	11,206	10,744
23							73	49	71 186	14 027,307	150 563,053	10,734	10,272
24	0	99 205	58 158,728	1 827 303,370	31,419	30,957	74	50	69 018	13 300,692	136 535,746	10,265	9,803
25	1	98 873	56 688,486	1 769 144,642	31,208	30,746	75	51	66 742	12 579,137	123 235,054	9,797	9,335
26	2	98 807	55 404,250	1 712 456,156	30,908	30,446	76	52	64 323	11 856,447	110 655,917	9,333	8,871
27	3	98 751	54 154,091	1 657 051,907	30,599	30,137	77	53	61 778	11 136,720	98 799,470	8,872	8,409
28	4	98 697	52 933,339	1 602 897,816	30,281	29,819	78	54	59 144	10 427,229	87 662,750	8,407	7,945
29	5	98 642	51 739,839	1 549 964,477	29,957	29,495	79	55	56 343	9 714,901	77 235,521	7,950	7,488
30	6	98 586	50 572,910	1 498 224,638	29,625	29,163	80	56	53 389	9 002,967	67 520,620	7,500	7,038
31	7	98 527	49 430,329	1 447 651,729	29,287	28,825	81	57	50 240	8 285,561	58 517,653	7,063	6,601
32	8	98 466	48 312,588	1 398 221,400	28,941	28,479	82	58	46 938	7 570,665	50 232,092	6,635	6,173
33	9	98 399	47 217,207	1 349 908,812	28,589	28,127	83	59	43 498	6 861,468	42 661,427	6,218	5,756
34	10	98 325	46 143,369	1 302 691,606	28,231	27,769	84	60	39 876	6 151,718	35 799,959	5,820	5,357
35	11	98 250	45 093,768	1 256 548,237	27,865	27,403	85	61	36 118	5 449,327	29 648,241	5,441	4,979
36	12	98 168	44 064,800	1 211 454,468	27,493	27,031	86	62	32 256	4 759,558	24 198,913	5,084	4,622
37	13	98 075	43 054,380	1 167 389,668	27,114	26,652	87	63	28 382	4 095,819	19 439,355	4,746	4,284
38	14	97 970	42 061,644	1 124 335,289	26,731	26,269	88	64	24 553	3 465,243	15 343,536	4,428	3,966
39	15	97 861	41 090,495	1 082 273,645	26,339	25,877	89	65	20 795	2 870,295	11 878,293	4,138	3,676
40	16	97 737	40 135,256	1 041 183,149	25,942	25,480	90	66	17 221	2 324,650	9 007,998	3,875	3,413
41	17	97 603	39 198,495	1 001 047,893	25,538	25,076	91	67	13 940	1 840,307	6 683,348	3,632	3,170
42	18	97 449	38 275,357	961 849,398	25,130	24,668	92	68	11 038	1 425,156	4 843,041	3,398	2,936
43	19	97 296	37 374,092	923 574,041	24,712	24,250	93	69	8 479	1 070,634	3 417,885	3,192	2,730
44	20	97 124	36 487,392	886 199,949	24,288	23,826	94	70	6 328	781,469	2 347,250	3,004	2,542
45	21	96 940	35 616,790	849 712,557	23,857	23,395	95	71	4 562	550,991	1 565,781	2,842	2,380
46	22	96 742	34 761,679	814 095,768	23,419	22,957	96	72	3 190	376,823	1 014,790	2,693	2,231
47	23	96 526	33 920,934	779 334,089	22,975	22,513	97	73	2 154	248,831	637,967	2,564	2,102
48	24	96 285	33 091,745	745 413,155	22,526	22,064	98	74	1 413	159,615	389,136	2,438	1,976
49	25	96 017	32 273,327	712 321,410	22,072	21,610	99	75	899	99,310	229,521	2,311	1,849
							100	76	545	58,939	130,211	2,209	1,747

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	31 470,462	680 839,074	21,634	21,172
1							51	26	95 408	30 673,093	649 368,612	21,171	20,709
2							52	27	95 050	29 885,476	618 695,519	20,702	20,240
3							53	28	94 650	29 104,950	588 810,043	20,231	19,769
4							54	29	94 201	28 329,268	559 705,093	19,757	19,295
5							55	30	93 706	27 560,322	531 375,825	19,280	18,818
6							56	31	93 147	26 793,001	503 815,503	18,804	18,342
7							57	32	92 527	26 029,073	477 022,502	18,327	17,865
8							58	33	91 842	25 267,851	450 993,429	17,849	17,386
9							59	34	91 101	24 512,375	425 725,578	17,368	16,906
10							60	35	90 274	23 755,592	401 213,203	16,889	16,427
11							61	36	89 370	23 000,136	377 457,611	16,411	15,949
12							62	37	88 381	22 245,131	354 457,475	15,934	15,472
13							63	38	87 298	21 489,072	332 212,344	15,460	14,998
14							64	39	86 120	20 732,455	310 723,272	14,987	14,525
15							65	40	84 847	19 976,664	289 990,817	14,516	14,054
16							66	41	83 492	19 224,967	270 014,153	14,045	13,583
17							67	42	82 029	18 472,512	250 789,186	13,576	13,114
18							68	43	80 481	17 725,075	232 316,674	13,107	12,645
19							69	44	78 830	16 979,382	214 591,599	12,638	12,176
20							70	45	77 095	16 240,282	197 612,217	12,168	11,706
21							71	46	75 278	15 508,676	181 371,935	11,695	11,233
22							72	47	73 314	14 771,655	165 863,258	11,228	10,766
23							73	48	71 294	14 048,621	151 091,604	10,755	10,293
24							74	49	69 134	13 323,129	137 042,983	10,286	9,824
25	0	99 160	56 852,897	1 770 215,294	31,137	30,675	75	50	66 865	12 602,375	123 719,854	9,817	9,355
26	1	98 829	55 416,575	1 713 362,396	30,918	30,456	76	51	64 457	11 881,118	111 117,479	9,352	8,890
27	2	98 764	54 161,208	1 657 945,821	30,611	30,149	77	52	61 914	11 161,324	99 236,361	8,891	8,429
28	3	98 706	52 938,617	1 603 784,614	30,295	29,833	78	53	59 291	10 453,138	88 075,038	8,426	7,964
29	4	98 651	51 744,602	1 550 845,997	29,971	29,509	79	54	56 499	9 741,732	77 621,899	7,968	7,506
30	5	98 593	50 576,346	1 499 101,395	29,640	29,178	80	55	53 556	9 031,075	67 880,167	7,516	7,054
31	6	98 534	49 433,938	1 448 525,049	29,302	28,840	81	56	50 411	8 313,675	58 849,092	7,079	6,617
32	7	98 471	48 314,889	1 399 091,111	28,958	28,496	82	57	47 115	7 599,209	50 535,417	6,650	6,188
33	8	98 406	47 220,610	1 350 776,222	28,606	28,144	83	58	43 681	6 890,225	42 936,208	6,231	5,769
34	9	98 330	46 145,822	1 303 555,612	28,249	27,787	84	59	40 062	6 180,361	36 045,983	5,832	5,370
35	10	98 255	45 096,275	1 257 409,790	27,883	27,421	85	60	36 304	5 477,409	29 865,622	5,453	4,990
36	11	98 176	44 068,189	1 212 313,515	27,510	27,048	86	61	32 437	4 786,295	24 388,213	5,095	4,633
37	12	98 082	43 057,101	1 168 245,326	27,132	26,670	87	62	28 557	4 121,048	19 601,917	4,757	4,295
38	13	97 978	42 064,969	1 125 188,225	26,749	26,287	88	63	24 720	3 488,828	15 480,869	4,437	3,975
39	14	97 870	41 094,286	1 083 123,257	26,357	25,895	89	64	20 950	2 891,719	11 992,041	4,147	3,685
40	15	97 748	40 139,903	1 042 028,970	25,960	25,498	90	65	17 360	2 343,429	9 100,322	3,883	3,421
41	16	97 616	39 203,507	1 001 889,067	25,556	25,094	91	66	14 063	1 856,567	6 756,893	3,639	3,177
42	17	97 462	38 280,320	962 685,560	25,148	24,686	92	67	11 142	1 438,619	4 900,326	3,406	2,944
43	18	97 311	37 380,159	924 405,240	24,730	24,268	93	68	8 566	1 081,672	3 461,707	3,200	2,738
44	19	97 140	36 493,391	887 025,081	24,306	23,844	94	69	6 402	790,598	2 380,036	3,010	2,548
45	20	96 956	35 622,620	850 531,690	23,876	23,414	95	70	4 620	557,995	1 589,438	2,848	2,386
46	21	96 758	34 767,582	814 909,070	23,439	22,977	96	71	3 235	382,102	1 031,443	2,699	2,237
47	22	96 542	33 926,626	780 141,487	22,995	22,533	97	72	2 187	252,607	649,341	2,571	2,109
48	23	96 301	33 097,158	746 214,861	22,546	22,084	98	73	1 437	162,332	396,735	2,444	1,982
49	24	96 032	32 278,630	713 117,703	22,093	21,631	99	74	915	101,150	234,403	2,317	1,855
							100	75	557	60,149	133,253	2,215	1,753

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	3 389 257,264	33,893	33,430	50	50	94 198	27 406,317	524 096,996	19,123	18,661
1	1	99 373	96 949,458	3 289 257,264	33,928	33,465	51	51	93 723	26 602,808	496 690,679	18,671	18,208
2	2	99 327	94 540,946	3 192 307,806	33,766	33,304	52	52	93 193	25 807,397	470 087,871	18,215	17,753
3	3	99 301	92 210,682	3 097 766,859	33,594	33,132	53	53	92 616	25 022,057	444 280,474	17,756	17,293
4	4	99 279	89 942,009	3 005 556,177	33,417	32,954	54	54	91 970	24 241,337	419 258,416	17,295	16,833
5	5	99 259	87 730,213	2 915 614,168	33,234	32,771	55	55	91 257	23 466,824	395 017,080	16,833	16,371
6	6	99 243	85 576,858	2 827 883,956	33,045	32,583	56	56	90 456	22 693,416	371 550,256	16,373	15,910
7	7	99 227	83 476,004	2 742 307,098	32,851	32,389	57	57	89 579	21 925,295	348 856,840	15,911	15,449
8	8	99 212	81 428,211	2 658 831,093	32,652	32,190	58	58	88 612	21 159,529	326 951,545	15,451	14,988
9	9	99 198	79 430,382	2 577 402,882	32,449	31,986	59	59	87 560	20 398,503	305 772,016	14,990	14,528
10	10	99 184	77 482,717	2 497 972,499	32,239	31,777	60	60	86 397	19 636,617	285 373,513	14,533	14,070
11	11	99 172	75 583,064	2 420 489,782	32,024	31,562	61	61	85 133	18 877,359	265 736,896	14,077	13,615
12	12	99 157	73 728,807	2 344 906,719	31,804	31,342	62	62	83 760	18 120,056	246 859,537	13,624	13,161
13	13	99 142	71 919,631	2 271 177,911	31,579	31,117	63	63	82 269	17 363,375	228 739,481	13,174	12,711
14	14	99 125	70 153,428	2 199 258,280	31,349	30,887	64	64	80 655	16 607,394	211 376,106	12,728	12,265
15	15	99 104	68 427,600	2 129 104,853	31,115	30,652	65	65	78 926	15 855,001	194 768,712	12,284	11,822
16	16	99 077	66 740,531	2 060 677,253	30,876	30,414	66	66	77 091	15 108,769	178 931,711	11,842	11,379
17	17	99 041	65 089,502	1 993 936,722	30,634	30,171	67	67	75 132	14 365,711	163 804,942	11,402	10,940
18	18	99 002	63 476,790	1 928 847,220	30,387	29,924	68	68	73 083	13 633,144	149 439,232	10,961	10,499
19	19	98 948	61 894,622	1 865 370,430	30,138	29,675	69	69	70 917	12 906,371	135 806,087	10,522	10,060
20	20	98 892	60 350,709	1 803 475,808	29,883	29,421	70	70	68 620	12 183,795	122 899,173	10,087	9,625
21	21	98 835	58 844,812	1 743 125,099	29,622	29,160	71	71	66 234	11 473,210	110 715,922	9,650	9,188
22	22	98 778	57 376,609	1 684 280,287	29,355	28,892	72	72	63 690	10 763,463	99 242,711	9,220	8,758
23	23	98 720	55 944,324	1 626 903,679	29,081	28,618	73	73	61 089	10 072,097	88 479,249	8,785	8,322
24	24	98 662	54 547,971	1 570 959,354	28,800	28,337	74	74	58 335	9 383,424	78 407,152	8,356	7,894
25	25	98 601	53 184,418	1 516 411,384	28,512	28,050	75	75	55 488	8 707,741	69 023,728	7,927	7,464
26	26	98 538	51 854,236	1 463 226,966	28,218	27,756	76	76	52 510	8 039,412	60 315,987	7,503	7,040
27	27	98 477	50 558,192	1 411 372,730	27,916	27,453	77	77	49 424	7 382,402	52 276,574	7,081	6,619
28	28	98 412	49 292,541	1 360 814,538	27,607	27,144	78	78	46 298	6 746,892	44 894,173	6,654	6,192
29	29	98 343	48 056,601	1 311 521,997	27,291	26,829	79	79	43 025	6 116,890	38 147,281	6,236	5,774
30	30	98 271	46 849,795	1 263 465,396	26,968	26,506	80	80	39 636	5 497,698	32 030,391	5,826	5,364
31	31	98 191	45 670,061	1 216 615,600	26,639	26,177	81	81	36 105	4 885,818	26 532,693	5,431	4,968
32	32	98 103	44 516,259	1 170 945,539	26,304	25,841	82	82	32 491	4 289,499	21 646,875	5,046	4,584
33	33	98 010	43 389,385	1 126 429,280	25,961	25,499	83	83	28 815	3 711,396	17 357,377	4,677	4,214
34	34	97 907	42 286,614	1 083 039,895	25,612	25,149	84	84	25 074	3 150,759	13 645,981	4,331	3,869
35	35	97 801	41 210,501	1 040 753,281	25,255	24,792	85	85	21 372	2 620,038	10 495,222	4,006	3,543
36	36	97 682	40 156,253	999 542,780	24,891	24,429	86	86	17 779	2 126,465	7 875,183	3,703	3,241
37	37	97 549	39 123,569	959 386,527	24,522	24,060	87	87	14 398	1 680,071	5 748,718	3,422	2,959
38	38	97 402	38 112,006	920 262,957	24,146	23,684	88	88	11 298	1 286,130	4 068,647	3,163	2,701
39	39	97 249	37 124,084	882 150,951	23,762	23,300	89	89	8 548	949,340	2 782,517	2,931	2,469
40	40	97 074	36 153,261	845 026,867	23,373	22,911	90	90	6 217	673,598	1 833,177	2,721	2,259
41	41	96 892	35 205,520	808 873,606	22,976	22,513	91	91	4 330	457,702	1 159,579	2,533	2,071
42	42	96 681	34 271,882	773 668,086	22,574	22,112	92	92	2 887	297,702	701,876	2,358	1,895
43	43	96 466	33 361,744	739 396,204	22,163	21,701	93	93	1 819	183,037	404,175	2,208	1,746
44	44	96 226	32 467,032	706 034,460	21,746	21,284	94	94	1 086	106,590	221,138	2,075	1,612
45	45	95 968	31 590,326	673 567,428	21,322	20,860	95	95	611	58,502	114,548	1,958	1,496
46	46	95 685	30 728,820	641 977,101	20,892	20,429	96	96	323	30,181	56,045	1,857	1,395
47	47	95 375	29 882,069	611 248,282	20,455	19,993	97	97	160	14,546	25,864	1,778	1,316
48	48	95 029	29 047,472	581 366,212	20,014	19,552	98	98	75	6,676	11,319	1,695	1,233
49	49	94 635	28 221,744	552 318,740	19,571	19,108	99	99	33	2,874	4,643	1,615	1,153
							100	100	13	1,140	1,769	1,551	1,088

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	3 382 408,960	33,922	33,460	50	51	94 025	27 355,783	518 304,700	18,947	18,484
1	2	99 351	96 927,895	3 282 698,147	33,867	33,405	51	52	93 528	26 547,568	490 948,918	18,493	18,031
2	3	99 314	94 528,523	3 185 770,252	33,702	33,239	52	53	92 988	25 750,507	464 401,350	18,035	17,572
3	4	99 291	92 201,489	3 091 241,729	33,527	33,065	53	54	92 387	24 960,038	438 650,843	17,574	17,112
4	5	99 270	89 933,729	2 999 040,240	33,347	32,885	54	55	91 717	24 174,569	413 690,805	17,113	16,650
5	6	99 252	87 724,252	2 909 106,511	33,162	32,700	55	56	90 973	23 393,786	389 516,236	16,650	16,188
6	7	99 236	85 570,610	2 821 382,259	32,971	32,509	56	57	90 150	22 616,676	366 122,450	16,188	15,726
7	8	99 222	83 472,029	2 735 811,649	32,775	32,313	57	58	89 242	21 842,937	343 505,773	15,726	15,264
8	9	99 205	81 422,343	2 652 339,620	32,575	32,113	58	59	88 242	21 071,218	321 662,836	15,266	14,803
9	10	99 192	79 426,161	2 570 917,277	32,369	31,906	59	60	87 154	20 303,967	300 591,618	14,805	14,342
10	11	99 179	77 478,410	2 491 491,117	32,157	31,695	60	61	85 954	19 535,944	280 287,651	14,347	13,885
11	12	99 164	75 577,251	2 414 012,707	31,941	31,479	61	62	84 657	18 771,906	260 751,707	13,891	13,428
12	13	99 151	73 724,148	2 338 435,456	31,719	31,256	62	63	83 248	18 009,126	241 979,801	13,437	12,974
13	14	99 134	71 913,946	2 264 711,308	31,492	31,030	63	64	81 713	17 245,995	223 970,674	12,987	12,524
14	15	99 116	70 146,956	2 192 797,362	31,260	30,798	64	65	80 057	16 484,353	206 724,679	12,541	12,078
15	16	99 092	68 419,678	2 122 650,406	31,024	30,562	65	66	78 293	15 727,944	190 240,326	12,096	11,633
16	17	99 064	66 731,999	2 054 230,728	30,783	30,321	66	67	76 416	14 976,450	174 512,382	11,652	11,190
17	18	99 029	65 081,063	1 987 498,729	30,539	30,076	67	68	74 429	14 231,277	159 535,932	11,210	10,748
18	19	98 986	63 466,486	1 922 417,666	30,290	29,828	68	69	72 338	13 494,032	145 304,655	10,768	10,306
19	20	98 932	61 884,449	1 858 951,180	30,039	29,577	69	70	70 098	12 757,350	131 810,623	10,332	9,870
20	21	98 875	60 340,831	1 797 066,731	29,782	29,320	70	71	67 759	12 030,867	119 053,273	9,896	9,433
21	22	98 818	58 834,820	1 736 725,901	29,519	29,056	71	72	65 319	11 314,714	107 022,406	9,459	8,996
22	23	98 761	57 366,982	1 677 891,081	29,248	28,786	72	73	62 738	10 602,572	95 707,692	9,027	8,564
23	24	98 704	55 935,174	1 620 524,098	28,971	28,509	73	74	60 066	9 903,530	85 105,121	8,593	8,131
24	25	98 646	54 539,010	1 564 588,925	28,688	28,225	74	75	57 274	9 212,720	75 201,591	8,163	7,700
25	26	98 582	53 174,078	1 510 049,914	28,398	27,936	75	76	54 371	8 532,541	65 988,871	7,734	7,271
26	27	98 521	51 844,993	1 456 875,836	28,101	27,638	76	77	51 346	7 861,349	57 456,330	7,309	6,846
27	28	98 457	50 547,588	1 405 030,843	27,796	27,334	77	78	48 241	7 205,678	49 594,981	6,883	6,420
28	29	98 389	49 280,810	1 354 483,255	27,485	27,023	78	79	45 039	6 563,326	42 389,303	6,459	5,996
29	30	98 319	48 044,743	1 305 202,445	27,166	26,704	79	80	41 699	5 928,438	35 825,977	6,043	5,581
30	31	98 243	46 836,547	1 257 157,703	26,841	26,379	80	81	38 238	5 303,841	29 897,538	5,637	5,175
31	32	98 159	45 655,355	1 210 321,156	26,510	26,048	81	82	34 646	4 688,356	24 593,698	5,246	4,783
32	33	98 070	44 501,306	1 164 665,801	26,171	25,709	82	83	30 964	4 087,882	19 905,342	4,869	4,407
33	34	97 976	43 374,189	1 120 164,495	25,826	25,363	83	84	27 224	3 506,542	15 817,459	4,511	4,048
34	35	97 870	42 270,469	1 076 790,306	25,474	25,011	84	85	23 474	2 949,779	12 310,917	4,174	3,711
35	36	97 755	41 191,258	1 034 519,837	25,115	24,653	85	86	19 797	2 426,958	9 361,139	3,857	3,395
36	37	97 635	40 137,104	993 328,578	24,748	24,286	86	87	16 263	1 945,123	6 934,181	3,565	3,102
37	38	97 499	39 103,815	953 191,474	24,376	23,914	87	88	12 971	1 513,585	4 989,057	3,296	2,834
38	39	97 348	38 090,888	914 087,659	23,998	23,535	88	89	10 018	1 140,407	3 475,472	3,048	2,585
39	40	97 186	37 099,929	875 996,771	23,612	23,149	89	90	7 447	827,059	2 335,066	2,823	2,361
40	41	97 012	36 130,372	838 896,842	23,219	22,756	90	91	5 302	574,501	1 508,007	2,625	2,162
41	42	96 821	35 179,716	802 766,470	22,819	22,357	91	92	3 611	381,757	933,506	2,445	1,983
42	43	96 603	34 244,229	767 586,754	22,415	21,953	92	93	2 344	241,750	551,750	2,282	1,820
43	44	96 380	33 331,862	733 342,525	22,001	21,539	93	94	1 438	144,698	310,000	2,142	1,680
44	45	96 135	32 436,323	700 010,663	21,581	21,119	94	95	837	82,132	165,302	2,013	1,550
45	46	95 865	31 556,346	667 574,339	21,155	20,693	95	96	456	43,628	83,169	1,906	1,444
46	47	95 572	30 692,431	636 017,993	20,722	20,260	96	97	233	21,751	39,541	1,818	1,355
47	48	95 251	29 843,241	605 325,562	20,284	19,821	97	98	113	10,258	17,790	1,734	1,272
48	49	94 884	29 003,404	575 482,321	19,842	19,379	98	99	51	4,546	7,532	1,657	1,194
49	50	94 476	28 174,217	546 478,917	19,396	18,934	99	100	22	1,887	2,986	1,582	1,119

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	3 375 344,951	33,859	33,396	50	52	93 830	27 298,978	512 079,553	18,758	18,296
1	3	99 338	96 915,158	3 275 656,315	33,799	33,337	51	53	93 322	26 489,046	484 780,575	18,301	17,839
2	4	99 304	94 519,099	3 178 741,157	33,631	33,168	52	54	92 757	25 686,682	458 291,530	17,842	17,379
3	5	99 282	92 193,001	3 084 222,058	33,454	32,992	53	55	92 132	24 891,291	432 604,848	17,380	16,917
4	6	99 263	89 927,619	2 992 029,057	33,272	32,809	54	56	91 431	24 099,329	407 713,556	16,918	16,456
5	7	99 245	87 717,847	2 902 101,438	33,085	32,622	55	57	90 665	23 314,678	383 614,227	16,454	15,991
6	8	99 231	85 566,534	2 814 383,591	32,891	32,429	56	58	89 811	22 531,722	360 299,549	15,991	15,528
7	9	99 215	83 466,013	2 728 817,057	32,694	32,231	57	59	88 870	21 751,774	337 767,828	15,528	15,066
8	10	99 200	81 418,015	2 645 351,044	32,491	32,029	58	60	87 833	20 973,564	316 016,054	15,067	14,605
9	11	99 187	79 421,745	2 563 933,029	32,283	31,820	59	61	86 708	20 199,872	295 042,490	14,606	14,144
10	12	99 171	77 472,451	2 484 511,283	32,070	31,607	60	62	85 474	19 426,813	274 842,617	14,148	13,685
11	13	99 158	75 572,475	2 407 038,832	31,851	31,388	61	63	84 139	18 656,986	255 415,804	13,690	13,228
12	14	99 143	73 718,321	2 331 466,358	31,627	31,164	62	64	82 685	17 887,381	236 758,818	13,236	12,774
13	15	99 125	71 907,312	2 257 748,037	31,398	30,936	63	65	81 108	17 118,223	218 871,437	12,786	12,323
14	16	99 104	70 138,835	2 185 840,725	31,164	30,702	64	66	79 415	16 352,253	201 753,213	12,338	11,876
15	17	99 079	68 410,931	2 115 701,890	30,926	30,464	65	67	77 607	15 590,202	185 400,961	11,892	11,430
16	18	99 051	66 723,347	2 047 290,958	30,683	30,221	66	68	75 701	14 836,301	169 810,758	11,446	10,983
17	19	99 012	65 070,499	1 980 567,611	30,437	29,975	67	69	73 670	14 086,062	154 974,457	11,002	10,540
18	20	98 970	63 456,054	1 915 497,113	30,186	29,724	68	70	71 502	13 338,226	140 888,395	10,563	10,100
19	21	98 915	61 874,319	1 852 041,058	29,932	29,470	69	71	69 218	12 597,223	127 550,170	10,125	9,663
20	22	98 859	60 330,585	1 790 166,739	29,673	29,210	70	72	66 823	11 864,667	114 952,947	9,689	9,226
21	23	98 801	58 824,949	1 729 836,154	29,407	28,944	71	73	64 342	11 145,582	103 088,280	9,249	8,787
22	24	98 745	57 357,599	1 671 011,205	29,133	28,671	72	74	61 688	10 425,126	91 942,698	8,819	8,357
23	25	98 688	55 925,985	1 613 653,606	28,853	28,391	73	75	58 974	9 723,363	81 517,571	8,384	7,921
24	26	98 627	54 528,407	1 557 727,620	28,567	28,105	74	76	56 121	9 027,360	71 794,208	7,953	7,491
25	27	98 564	53 164,600	1 503 199,213	28,274	27,812	75	77	53 167	8 343,556	62 766,848	7,523	7,060
26	28	98 500	51 834,119	1 450 034,613	27,975	27,512	76	78	50 117	7 673,160	54 423,292	7,093	6,630
27	29	98 433	50 535,558	1 398 200,494	27,668	27,205	77	79	46 928	7 009,630	46 750,132	6,669	6,207
28	30	98 365	49 268,649	1 347 664,936	27,353	26,891	78	80	43 651	6 361,120	39 740,502	6,247	5,785
29	31	98 291	48 031,156	1 298 396,287	27,032	26,570	79	81	40 229	5 719,393	33 379,382	5,836	5,374
30	32	98 211	46 821,465	1 250 365,131	26,705	26,243	80	82	36 693	5 089,484	27 659,989	5,435	4,972
31	33	98 126	45 640,019	1 203 543,665	26,370	25,908	81	83	33 018	4 467,993	22 570,504	5,052	4,589
32	34	98 036	44 485,720	1 157 903,646	26,029	25,566	82	84	29 255	3 862,248	18 102,512	4,687	4,225
33	35	97 938	43 357,629	1 113 417,926	25,680	25,217	83	85	25 488	3 282,867	14 240,263	4,338	3,875
34	36	97 824	42 250,732	1 070 060,297	25,326	24,864	84	86	21 744	2 732,399	10 957,397	4,010	3,548
35	37	97 709	41 171,616	1 027 809,565	24,964	24,502	85	87	18 108	2 219,991	8 224,998	3,705	3,243
36	38	97 586	40 116,838	986 637,949	24,594	24,132	86	88	14 651	1 752,372	6 005,008	3,427	2,964
37	39	97 445	39 082,147	946 521,112	24,219	23,756	87	89	11 502	1 342,090	4 252,636	3,169	2,706
38	40	97 285	38 066,105	907 438,965	23,839	23,376	88	90	8 727	993,515	2 910,546	2,930	2,467
39	41	97 124	37 076,440	869 372,860	23,448	22,986	89	91	6 351	705,384	1 917,031	2,718	2,255
40	42	96 941	36 103,890	832 296,420	23,053	22,590	90	92	4 422	479,175	1 211,647	2,529	2,066
41	43	96 743	35 151,331	796 192,530	22,650	22,188	91	93	2 933	310,007	732,472	2,363	1,900
42	44	96 516	34 213,557	761 041,198	22,244	21,781	92	94	1 853	191,113	422,465	2,211	1,748
43	45	96 289	33 300,335	726 827,641	21,826	21,364	93	95	1 108	111,496	231,352	2,075	1,613
44	46	96 032	32 401,433	693 527,306	21,404	20,942	94	96	624	61,250	119,855	1,957	1,494
45	47	95 752	31 518,977	661 125,873	20,975	20,513	95	97	328	31,442	58,606	1,864	1,402
46	48	95 447	30 652,550	629 606,896	20,540	20,078	96	98	164	15,340	27,164	1,771	1,308
47	49	95 106	29 797,966	598 954,346	20,101	19,638	97	99	77	6,986	11,823	1,692	1,230
48	50	94 725	28 954,560	569 156,380	19,657	19,194	98	100	34	2,986	4,838	1,620	1,158
49	51	94 302	28 122,266	540 201,820	19,209	18,747							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	3 367 777,326	33,787	33,325	50	53	93 623	27 238,800	505 408,401	18,555	18,092
1	4	99 328	96 905,496	3 268 101,789	33,725	33,262	51	54	93 091	26 423,390	478 169,601	18,096	17,634
2	5	99 295	94 510,398	3 171 196,293	33,554	33,092	52	55	92 502	25 615,934	451 746,211	17,635	17,173
3	6	99 275	92 186,737	3 076 685,895	33,374	32,912	53	56	91 846	24 813,820	426 130,277	17,173	16,711
4	7	99 256	89 921,053	2 984 499,158	33,190	32,728	54	57	91 122	24 017,835	401 316,457	16,709	16,247
5	8	99 240	87 713,669	2 894 578,105	33,000	32,538	55	58	90 325	23 227,102	377 298,622	16,244	15,781
6	9	99 224	85 560,367	2 806 864,436	32,806	32,343	56	59	89 436	22 437,684	354 071,520	15,780	15,318
7	10	99 210	83 461,577	2 721 304,068	32,605	32,143	57	60	88 458	21 650,966	331 633,837	15,317	14,855
8	11	99 194	81 413,489	2 637 842,492	32,401	31,938	58	61	87 382	20 866,037	309 982,870	14,856	14,393
9	12	99 179	79 415,637	2 556 429,003	32,190	31,728	59	62	86 223	20 087,032	289 116,834	14,393	13,931
10	13	99 165	77 467,555	2 477 013,366	31,975	31,512	60	63	84 951	19 307,883	269 029,802	13,934	13,471
11	14	99 150	75 566,501	2 399 545,810	31,754	31,292	61	64	83 570	18 530,862	249 721,918	13,476	13,014
12	15	99 134	73 711,520	2 323 979,309	31,528	31,066	62	65	82 072	17 754,857	231 191,057	13,021	12,559
13	16	99 114	71 898,987	2 250 267,789	31,298	30,835	63	66	80 458	16 981,043	213 436,199	12,569	12,107
14	17	99 092	70 129,868	2 178 368,801	31,062	30,600	64	67	78 720	16 209,044	196 455,156	12,120	11,658
15	18	99 067	68 402,062	2 108 238,933	30,821	30,359	65	68	76 881	15 444,310	180 246,112	11,671	11,208
16	19	99 035	66 712,516	2 039 836,871	30,577	30,114	66	69	74 928	14 684,912	164 801,802	11,223	10,760
17	20	98 996	65 059,803	1 973 124,355	30,328	29,865	67	70	72 819	13 923,420	150 116,890	10,782	10,319
18	21	98 954	63 445,668	1 908 064,552	30,074	29,612	68	71	70 605	13 170,807	136 193,470	10,341	9,878
19	22	98 899	61 863,813	1 844 618,884	29,817	29,355	69	72	68 262	12 423,198	123 022,663	9,903	9,440
20	23	98 842	60 320,463	1 782 755,071	29,555	29,092	70	73	65 824	11 687,315	110 599,464	9,463	9,001
21	24	98 785	58 815,327	1 722 434,608	29,285	28,823	71	74	63 266	10 959,049	98 912,149	9,026	8,563
22	25	98 729	57 348,177	1 663 619,280	29,009	28,547	72	75	60 566	10 235,471	87 953,100	8,593	8,131
23	26	98 668	55 915,113	1 606 271,103	28,727	28,265	73	76	57 787	9 527,730	77 717,629	8,157	7,695
24	27	98 609	54 518,688	1 550 355,990	28,437	27,975	74	77	54 878	8 827,415	68 189,899	7,725	7,262
25	28	98 544	53 153,449	1 495 837,302	28,142	27,679	75	78	51 894	8 143,824	59 362,484	7,289	6,827
26	29	98 477	51 821,783	1 442 683,853	27,839	27,377	76	79	48 754	7 464,393	51 218,660	6,862	6,399
27	30	98 409	50 523,088	1 390 862,070	27,529	27,067	77	80	45 482	6 793,675	43 754,267	6,440	5,978
28	31	98 337	49 254,717	1 340 338,983	27,212	26,750	78	81	42 112	6 136,817	36 960,593	6,023	5,560
29	32	98 260	48 015,690	1 291 084,266	26,889	26,426	79	82	38 603	5 488,242	30 823,775	5,616	5,154
30	33	98 178	46 805,738	1 243 068,576	26,558	26,096	80	83	34 968	4 850,267	25 335,534	5,224	4,761
31	34	98 092	45 624,035	1 196 262,838	26,220	25,758	81	84	31 195	4 221,378	20 485,267	4,853	4,390
32	35	97 998	44 468,736	1 150 638,804	25,875	25,413	82	85	27 389	3 615,883	16 263,888	4,498	4,035
33	36	97 893	43 337,384	1 106 170,068	25,525	25,062	83	86	23 610	3 040,940	12 648,005	4,159	3,697
34	37	97 777	42 230,584	1 062 832,684	25,167	24,705	84	87	19 890	2 499,384	9 607,066	3,844	3,381
35	38	97 659	41 150,827	1 020 602,100	24,801	24,339	85	88	16 314	2 000,001	7 107,682	3,554	3,091
36	39	97 532	40 094,609	979 451,273	24,429	23,966	86	89	12 991	1 553,821	5 107,681	3,287	2,825
37	40	97 382	39 056,718	939 356,664	24,051	23,589	87	90	10 020	1 169,220	3 553,860	3,040	2,577
38	41	97 223	38 042,004	900 299,946	23,666	23,204	88	91	7 443	847,352	2 384,640	2,814	2,352
39	42	97 053	37 049,266	862 257,942	23,273	22,811	89	92	5 297	588,341	1 537,288	2,613	2,150
40	43	96 863	36 074,760	825 208,676	22,875	22,413	90	93	3 591	389,116	948,946	2,439	1,976
41	44	96 657	35 119,846	789 133,917	22,470	22,007	91	94	2 318	245,073	559,830	2,284	1,822
42	45	96 425	34 181,196	754 014,070	22,059	21,597	92	95	1 428	147,261	314,757	2,137	1,675
43	46	96 185	33 264,515	719 832,874	21,640	21,177	93	96	826	83,148	167,496	2,014	1,552
44	47	95 918	32 363,064	686 568,359	21,215	20,752	94	97	450	44,142	84,348	1,911	1,448
45	48	95 627	31 478,022	654 205,296	20,783	20,321	95	98	232	22,175	40,206	1,813	1,351
46	49	95 303	30 606,047	622 727,273	20,347	19,884	96	99	112	10,446	18,031	1,726	1,264
47	50	94 946	29 747,784	592 121,226	19,905	19,442	97	100	50	4,588	7,585	1,653	1,191
48	51	94 550	28 901,171	562 373,442	19,459	18,996							
49	52	94 106	28 063,870	533 472,271	19,009	18,547							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	3 359 677,594	33,710	33,247	50	54	93 391	27 171,286	498 277,052	18,338	17,876
1	5	99 319	96 896,576	3 260 011,995	33,644	33,182	51	55	92 834	26 350,613	471 105,766	17,878	17,416
2	6	99 288	94 503,977	3 163 115,420	33,471	33,008	52	56	92 214	25 536,207	444 755,153	17,417	16,954
3	7	99 268	92 180,006	3 068 611,443	33,289	32,827	53	57	91 535	24 729,910	419 218,946	16,952	16,489
4	8	99 251	89 916,770	2 976 431,437	33,102	32,640	54	58	90 780	23 927,617	394 489,035	16,487	16,024
5	9	99 233	87 707,348	2 886 514,667	32,911	32,448	55	59	89 948	23 130,161	370 561,419	16,021	15,558
6	10	99 219	85 555,820	2 798 807,319	32,713	32,251	56	60	89 022	22 333,697	347 431,257	15,556	15,094
7	11	99 204	83 456,937	2 713 251,499	32,511	32,048	57	61	88 005	21 539,966	325 097,560	15,093	14,630
8	12	99 187	81 407,288	2 629 794,562	32,304	31,842	58	62	86 894	20 749,475	303 557,594	14,630	14,167
9	13	99 173	79 410,618	2 548 387,334	32,091	31,629	59	63	85 695	19 964,061	282 808,119	14,166	13,703
10	14	99 157	77 461,432	2 468 976,716	31,874	31,411	60	64	84 376	19 177,358	262 844,058	13,706	13,244
11	15	99 141	75 559,530	2 391 515,284	31,651	31,188	61	65	82 951	18 393,570	243 666,699	13,247	12,785
12	16	99 122	73 702,987	2 315 955,754	31,423	30,960	62	66	81 415	17 612,575	225 273,129	12,790	12,328
13	17	99 101	71 889,796	2 242 252,767	31,190	30,728	63	67	79 753	16 832,327	207 660,554	12,337	11,875
14	18	99 079	70 120,776	2 170 362,971	30,952	30,489	64	68	77 983	16 057,361	190 828,227	11,884	11,422
15	19	99 050	68 390,959	2 100 242,195	30,709	30,247	65	69	76 097	15 286,717	174 770,866	11,433	10,970
16	20	99 019	66 701,551	2 031 851,237	30,462	29,999	66	70	74 063	14 515,356	159 484,149	10,987	10,525
17	21	98 980	65 049,154	1 965 149,686	30,210	29,748	67	71	71 905	13 748,656	144 968,794	10,544	10,082
18	22	98 937	63 434,895	1 900 100,532	29,954	29,491	68	72	69 630	12 988,860	131 220,137	10,103	9,640
19	23	98 882	61 853,434	1 836 665,637	29,694	29,231	69	73	67 242	12 237,498	118 231,278	9,661	9,199
20	24	98 826	60 310,597	1 774 812,203	29,428	28,965	70	74	64 723	11 491,716	105 993,780	9,223	8,761
21	25	98 769	58 805,666	1 714 501,606	29,155	28,693	71	75	62 115	10 759,681	94 502,064	8,783	8,321
22	26	98 710	57 337,028	1 655 695,940	28,877	28,414	72	76	59 347	10 029,534	83 742,383	8,350	7,887
23	27	98 651	55 905,146	1 598 358,912	28,591	28,128	73	77	56 507	9 316,702	73 712,849	7,912	7,449
24	28	98 589	54 507,253	1 542 453,766	28,298	27,836	74	78	53 564	8 616,100	64 396,148	7,474	7,012
25	29	98 520	53 140,799	1 487 946,513	28,000	27,538	75	79	50 482	7 922,251	55 780,047	7,041	6,579
26	30	98 452	51 808,995	1 434 805,714	27,694	27,232	76	80	47 252	7 234,427	47 857,797	6,615	6,153
27	31	98 381	50 508,801	1 382 996,719	27,381	26,919	77	81	43 879	6 554,119	40 623,370	6,198	5,736
28	32	98 305	49 238,856	1 332 487,918	27,062	26,599	78	82	40 410	5 888,796	34 069,250	5,785	5,323
29	33	98 227	47 999,561	1 283 249,062	26,735	26,272	79	83	36 788	5 230,282	28 180,454	5,388	4,926
30	34	98 144	46 789,345	1 235 249,501	26,400	25,938	80	84	33 038	4 582,552	22 950,172	5,008	4,546
31	35	98 055	45 606,616	1 188 460,155	26,059	25,597	81	85	29 205	3 952,105	18 367,620	4,648	4,185
32	36	97 953	44 447,972	1 142 853,540	25,712	25,250	82	86	25 370	3 349,415	14 415,515	4,304	3,841
33	37	97 846	43 316,718	1 098 405,568	25,358	24,895	83	87	21 596	2 781,613	11 066,100	3,978	3,516
34	38	97 728	42 209,261	1 055 088,850	24,997	24,534	84	88	17 919	2 251,708	8 284,487	3,679	3,217
35	39	97 605	41 128,025	1 012 879,589	24,627	24,165	85	89	14 466	1 773,393	6 032,779	3,402	2,939
36	40	97 468	40 068,521	971 751,564	24,252	23,790	86	90	11 318	1 353,679	4 259,386	3,147	2,684
37	41	97 320	39 031,990	931 683,043	23,870	23,407	87	91	8 546	997,208	2 905,707	2,914	2,451
38	42	97 152	38 014,121	892 651,053	23,482	23,020	88	92	6 208	706,753	1 908,499	2,700	2,238
39	43	96 975	37 019,372	854 636,931	23,086	22,624	89	93	4 302	477,765	1 201,747	2,515	2,053
40	44	96 776	36 042,448	817 617,559	22,685	22,222	90	94	2 839	307,612	723,982	2,354	1,891
41	45	96 565	35 086,628	781 575,112	22,276	21,813	91	95	1 786	188,840	416,369	2,205	1,742
42	46	96 321	34 144,429	746 488,483	21,863	21,400	92	96	1 065	109,819	227,530	2,072	1,609
43	47	96 071	33 225,124	712 344,054	21,440	20,978	93	97	596	59,924	117,710	1,964	1,502
44	48	95 793	32 321,012	679 118,931	21,012	20,549	94	98	317	31,132	57,787	1,856	1,394
45	49	95 482	31 430,267	646 797,919	20,579	20,116	95	99	158	15,100	26,655	1,765	1,303
46	50	95 142	30 554,504	615 367,652	20,140	19,678	96	100	73	6,861	11,555	1,684	1,222
47	51	94 771	29 692,932	584 813,148	19,695	19,233							
48	52	94 354	28 841,158	555 120,215	19,248	18,785							
49	53	93 898	28 002,006	526 279,058	18,794	18,332							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	3 351 024,941	33,626	33,163	50	55	93 133	27 096,449	490 677,368	18,109	17,646
1	6	99 312	96 889,992	3 251 368,517	33,557	33,095	51	56	92 545	26 268,600	463 580,919	17,648	17,185
2	7	99 281	94 497,077	3 154 478,525	33,382	32,919	52	57	91 902	25 449,855	437 312,319	17,183	16,721
3	8	99 263	92 175,616	3 059 981,448	33,197	32,735	53	58	91 191	24 637,017	411 862,465	16,717	16,255
4	9	99 244	89 910,290	2 967 805,832	33,009	32,546	54	59	90 401	23 827,753	387 225,447	16,251	15,789
5	10	99 228	87 702,686	2 877 895,542	32,814	32,352	55	60	89 531	23 022,966	363 397,694	15,784	15,322
6	11	99 213	85 551,063	2 790 192,856	32,614	32,152	56	61	88 566	22 219,197	340 374,728	15,319	14,857
7	12	99 196	83 450,519	2 704 641,793	32,410	31,948	57	62	87 513	21 419,640	318 155,532	14,853	14,391
8	13	99 181	81 402,083	2 621 191,274	32,201	31,738	58	63	86 362	20 622,449	296 735,892	14,389	13,927
9	14	99 165	79 404,342	2 539 789,191	31,986	31,523	59	64	85 116	19 829,100	276 113,444	13,925	13,462
10	15	99 148	77 454,286	2 460 384,849	31,766	31,303	60	65	83 751	19 035,277	256 284,343	13,464	13,001
11	16	99 129	75 550,783	2 382 930,563	31,541	31,078	61	66	82 286	18 246,170	237 249,066	13,003	12,540
12	17	99 110	73 693,564	2 307 379,780	31,310	30,848	62	67	80 702	17 458,329	219 002,896	12,544	12,082
13	18	99 088	71 880,475	2 233 686,216	31,075	30,613	63	68	79 007	16 674,811	201 544,567	12,087	11,624
14	19	99 063	70 109,394	2 161 805,741	30,835	30,372	64	69	77 188	15 893,512	184 869,756	11,632	11,169
15	20	99 034	68 379,717	2 091 696,347	30,589	30,127	65	70	75 218	15 110,212	168 976,244	11,183	10,720
16	21	99 003	66 690,633	2 023 316,630	30,339	29,876	66	71	73 134	14 333,162	153 866,032	10,735	10,273
17	22	98 963	65 038,109	1 956 625,997	30,084	29,622	67	72	70 912	13 558,726	139 532,870	10,291	9,829
18	23	98 920	63 424,252	1 891 587,888	29,824	29,362	68	73	68 589	12 794,703	125 974,144	9,846	9,383
19	24	98 866	61 843,317	1 828 163,636	29,561	29,099	69	74	66 116	12 032,690	113 179,441	9,406	8,944
20	25	98 810	60 300,690	1 766 320,318	29,292	28,829	70	75	63 545	11 282,657	101 146,751	8,965	8,502
21	26	98 750	58 794,233	1 706 019,628	29,017	28,554	71	76	60 865	10 543,196	89 864,094	8,523	8,061
22	27	98 692	57 326,808	1 647 225,395	28,734	28,272	72	77	58 033	9 807,391	79 320,897	8,088	7,625
23	28	98 630	55 893,420	1 589 898,587	28,445	27,983	73	78	55 155	9 093,674	69 513,506	7,644	7,182
24	29	98 565	54 494,281	1 534 005,167	28,150	27,687	74	79	52 107	8 381,678	60 419,832	7,209	6,746
25	30	98 496	53 127,686	1 479 510,886	27,848	27,386	75	80	48 927	7 678,179	52 038,154	6,777	6,315
26	31	98 424	51 794,344	1 426 383,200	27,539	27,077	76	81	45 586	6 979,330	44 359,975	6,356	5,893
27	32	98 349	50 492,536	1 374 588,856	27,224	26,761	77	82	42 105	6 289,233	37 380,644	5,944	5,481
28	33	98 272	49 222,317	1 324 096,319	26,900	26,438	78	83	38 511	5 612,009	31 091,412	5,540	5,078
29	34	98 192	47 982,750	1 274 874,003	26,569	26,107	79	84	34 758	4 941,592	25 479,402	5,156	4,694
30	35	98 106	46 771,481	1 226 891,252	26,232	25,769	80	85	30 931	4 290,240	20 537,810	4,787	4,325
31	36	98 009	45 585,320	1 180 119,771	25,888	25,426	81	86	27 053	3 660,859	16 247,570	4,438	3,976
32	37	97 906	44 426,776	1 134 534,451	25,537	25,075	82	87	23 207	3 063,782	12 586,711	4,108	3,646
33	38	97 797	43 294,846	1 090 107,674	25,179	24,716	83	88	19 456	2 505,970	9 522,929	3,800	3,338
34	39	97 674	42 185,872	1 046 812,828	24,814	24,352	84	89	15 889	1 996,580	7 016,959	3,514	3,052
35	40	97 542	41 101,265	1 004 626,956	24,443	23,980	85	90	12 602	1 544,969	5 020,379	3,250	2,787
36	41	97 406	40 043,153	963 525,691	24,062	23,600	86	91	9 653	1 154,530	3 475,410	3,010	2,548
37	42	97 249	39 003,382	923 482,538	23,677	23,215	87	92	7 128	831,743	2 320,880	2,790	2,328
38	43	97 074	37 983,449	884 479,156	23,286	22,823	88	93	5 041	573,921	1 489,137	2,595	2,132
39	44	96 888	36 986,214	846 495,707	22,887	22,424	89	94	3 401	377,693	915,215	2,423	1,961
40	45	96 685	36 008,357	809 509,492	22,481	22,019	90	95	2 188	237,029	537,523	2,268	1,805
41	46	96 461	35 048,887	773 501,135	22,069	21,607	91	96	1 332	140,826	300,494	2,134	1,671
42	47	96 207	34 103,995	738 452,248	21,653	21,191	92	97	767	79,145	159,668	2,017	1,555
43	48	95 946	33 181,952	704 348,253	21,227	20,764	93	98	420	42,262	80,522	1,905	1,443
44	49	95 648	32 271,977	671 166,301	20,797	20,335	94	99	216	21,200	38,260	1,805	1,342
45	50	95 321	31 377,336	638 894,324	20,362	19,899	95	100	104	9,917	17,060	1,720	1,258
46	51	94 967	30 498,165	607 516,988	19,920	19,457							
47	52	94 574	29 631,275	577 018,823	19,473	19,011							
48	53	94 146	28 777,579	547 387,548	19,021	18,559							
49	54	93 666	27 932,601	518 609,969	18,566	18,104							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	3 341 802,807	33,536	33,073	50	56	92 844	27 012,115	482 603,321	17,866	17,404
1	7	99 305	96 882,918	3 242 153,154	33,465	33,002	51	57	92 232	26 179,770	455 591,207	17,402	16,940
2	8	99 276	94 492,576	3 145 270,236	33,286	32,823	52	58	91 557	25 354,257	429 411,437	16,936	16,474
3	9	99 256	92 168,973	3 050 777,661	33,100	32,637	53	59	90 811	24 534,193	404 057,179	16,469	16,007
4	10	99 239	89 905,511	2 958 608,688	32,908	32,446	54	60	89 982	23 717,324	379 522,986	16,002	15,540
5	11	99 222	87 697,810	2 868 703,176	32,711	32,249	55	61	89 072	22 904,931	355 805,662	15,534	15,072
6	12	99 205	85 544,484	2 781 005,366	32,509	32,047	56	62	88 071	22 095,076	332 900,730	15,067	14,604
7	13	99 190	83 445,245	2 695 460,882	32,302	31,840	57	63	86 977	21 288,510	310 805,654	14,600	14,137
8	14	99 173	81 395,649	2 612 015,637	32,090	31,628	58	64	85 779	20 483,037	289 517,144	14,134	13,672
9	15	99 156	79 397,017	2 530 619,988	31,873	31,411	59	65	84 485	19 682,191	269 034,107	13,669	13,206
10	16	99 137	77 445,319	2 451 222,971	31,651	31,189	60	66	83 080	18 882,734	249 351,916	13,205	12,743
11	17	99 117	75 541,124	2 373 777,652	31,424	30,961	61	67	81 566	18 086,374	230 469,182	12,743	12,280
12	18	99 097	73 684,910	2 298 236,528	31,190	30,728	62	68	79 946	17 294,955	212 382,808	12,280	11,818
13	19	99 072	71 868,807	2 224 552,518	30,953	30,491	63	69	78 201	16 504,662	195 087,853	11,820	11,358
14	20	99 046	70 097,870	2 152 683,711	30,710	30,247	64	70	76 296	15 710,001	178 583,191	11,367	10,905
15	21	99 018	68 368,525	2 082 585,840	30,461	29,999	65	71	74 274	14 920,552	162 873,190	10,916	10,454
16	22	98 986	66 679,309	2 014 217,316	30,208	29,745	66	72	72 123	14 135,157	147 952,638	10,467	10,005
17	23	98 947	65 027,197	1 947 538,006	29,950	29,487	67	73	69 852	13 356,051	133 817,481	10,019	9,557
18	24	98 904	63 413,878	1 882 510,809	29,686	29,224	68	74	67 441	12 580,571	120 461,430	9,575	9,113
19	25	98 850	61 833,158	1 819 096,931	29,419	28,957	69	75	64 914	11 813,790	107 880,859	9,132	8,669
20	26	98 790	60 288,967	1 757 263,773	29,147	28,685	70	76	62 267	11 055,650	96 067,069	8,689	8,227
21	27	98 732	58 783,754	1 696 974,806	28,868	28,406	71	77	59 517	10 309,677	85 011,419	8,246	7,783
22	28	98 671	57 314,784	1 638 191,052	28,582	28,120	72	78	56 643	9 572,618	74 701,742	7,804	7,341
23	29	98 607	55 880,118	1 580 876,268	28,290	27,828	73	79	53 654	8 846,258	65 129,124	7,362	6,900
24	30	98 541	54 480,833	1 524 996,150	27,991	27,529	74	80	50 502	8 123,452	56 282,866	6,928	6,466
25	31	98 468	53 112,662	1 470 515,316	27,687	27,224	75	81	47 202	7 407,435	48 159,414	6,501	6,039
26	32	98 393	51 777,666	1 417 402,655	27,375	26,912	76	82	43 743	6 697,258	40 751,979	6,085	5,622
27	33	98 316	50 475,576	1 365 624,988	27,055	26,593	77	83	40 126	5 993,624	34 054,721	5,682	5,219
28	34	98 238	49 205,078	1 315 149,412	26,728	26,266	78	84	36 385	5 302,250	28 061,096	5,292	4,830
29	35	98 155	47 964,431	1 265 944,335	26,393	25,931	79	85	32 541	4 626,378	22 758,847	4,919	4,457
30	36	98 061	46 749,642	1 217 979,904	26,053	25,591	80	86	28 651	3 974,077	18 132,469	4,563	4,100
31	37	97 962	45 563,583	1 171 230,262	25,705	25,243	81	87	24 746	3 348,667	14 158,392	4,228	3,766
32	38	97 856	44 404,344	1 125 666,679	25,350	24,888	82	88	20 907	2 760,177	10 809,726	3,916	3,454
33	39	97 742	43 270,856	1 081 262,336	24,988	24,526	83	89	17 252	2 222,033	8 049,548	3,623	3,160
34	40	97 610	42 158,424	1 037 991,480	24,621	24,159	84	90	13 842	1 739,408	5 827,515	3,350	2,888
35	41	97 480	41 075,243	995 833,056	24,244	23,782	85	91	10 748	1 317,678	4 088,107	3,103	2,640
36	42	97 335	40 013,803	954 757,813	23,861	23,398	86	92	8 051	962,961	2 770,429	2,877	2,415
37	43	97 171	38 971,912	914 744,009	23,472	23,009	87	93	5 788	675,420	1 807,468	2,676	2,214
38	44	96 987	37 949,428	875 772,097	23,077	22,615	88	94	3 985	453,709	1 132,048	2,495	2,033
39	45	96 797	36 951,231	837 822,669	22,674	22,211	89	95	2 620	291,029	678,339	2,331	1,868
40	46	96 581	35 969,624	800 871,438	22,265	21,803	90	96	1 631	176,763	387,311	2,191	1,729
41	47	96 347	35 007,382	764 901,814	21,850	21,387	91	97	960	101,492	210,547	2,075	1,612
42	48	96 082	34 059,682	729 894,432	21,430	20,967	92	98	541	55,818	109,056	1,954	1,491
43	49	95 801	33 131,611	695 834,750	21,002	20,540	93	99	286	28,779	53,238	1,850	1,387
44	50	95 487	32 217,629	662 703,139	20,570	20,107	94	100	142	13,923	24,458	1,757	1,294
45	51	95 146	31 319,479	630 485,509	20,131	19,668							
46	52	94 770	30 434,835	599 166,030	19,687	19,224							
47	53	94 366	29 565,955	568 731,195	19,236	18,774							
48	54	93 912	28 706,252	539 165,240	18,782	18,320							
49	55	93 408	27 855,666	510 458,988	18,325	17,863							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	3 331 994,741	33,440	32,977	50	57	92 530	26 920,771	474 053,194	17,609	17,147
1	8	99 300	96 878,303	3 232 352,364	33,365	32,903	51	58	91 886	26 081,432	447 132,423	17,144	16,681
2	9	99 269	94 485,766	3 135 474,061	33,185	32,722	52	59	91 175	25 248,440	421 050,992	16,676	16,214
3	10	99 251	92 164,074	3 040 988,295	32,995	32,533	53	60	90 390	24 420,490	395 802,552	16,208	15,745
4	11	99 233	89 900,513	2 948 824,221	32,801	32,339	54	61	89 520	23 595,730	371 382,062	15,739	15,277
5	12	99 214	87 691,066	2 858 923,708	32,602	32,140	55	62	88 575	22 776,980	347 786,332	15,269	14,807
6	13	99 199	85 539,078	2 771 232,642	32,397	31,935	56	63	87 532	21 959,812	325 009,352	14,800	14,338
7	14	99 182	83 438,649	2 685 693,564	32,188	31,725	57	64	86 389	21 144,596	303 049,540	14,332	13,870
8	15	99 164	81 388,141	2 602 254,915	31,973	31,511	58	65	85 143	20 331,282	281 904,944	13,866	13,403
9	16	99 145	79 387,825	2 520 866,774	31,754	31,291	59	66	83 808	19 524,464	261 573,661	13,397	12,935
10	17	99 124	77 435,419	2 441 478,949	31,529	31,067	60	67	82 352	18 717,364	242 049,198	12,932	12,469
11	18	99 104	75 531,330	2 364 043,530	31,299	30,836	61	68	80 802	17 917,123	223 331,834	12,465	12,002
12	19	99 081	73 672,049	2 288 512,200	31,064	30,601	62	69	79 131	17 118,478	205 414,711	12,000	11,537
13	20	99 056	71 856,994	2 214 840,151	30,823	30,360	63	70	77 298	16 314,094	188 296,233	11,542	11,080
14	21	99 030	70 086,396	2 142 983,156	30,576	30,114	64	71	75 339	15 512,812	171 982,139	11,086	10,624
15	22	99 001	68 356,916	2 072 896,760	30,325	29,862	65	72	73 248	14 714,432	156 469,327	10,634	10,171
16	23	98 969	66 668,122	2 004 539,844	30,067	29,605	66	73	71 045	13 923,866	141 754,894	10,181	9,718
17	24	98 930	65 016,561	1 937 871,722	29,806	29,343	67	74	68 683	13 132,524	127 831,028	9,734	9,272
18	25	98 888	63 403,461	1 872 855,161	29,539	29,076	68	75	66 214	12 351,703	114 698,504	9,286	8,824
19	26	98 830	61 821,137	1 809 451,699	29,269	28,807	69	76	63 608	11 576,097	102 346,801	8,841	8,379
20	27	98 773	60 278,221	1 747 630,562	28,993	28,530	70	77	60 887	10 810,780	90 770,704	8,396	7,934
21	28	98 711	58 771,424	1 687 352,342	28,710	28,248	71	78	58 092	10 062,879	79 959,924	7,946	7,484
22	29	98 648	57 301,144	1 628 580,918	28,421	27,959	72	79	55 102	9 312,171	69 897,044	7,506	7,044
23	30	98 582	55 866,329	1 571 279,774	28,126	27,663	73	80	52 001	8 573,719	60 584,873	7,066	6,604
24	31	98 513	54 465,427	1 515 413,445	27,823	27,361	74	81	48 721	7 837,007	52 011,154	6,637	6,174
25	32	98 436	53 095,559	1 460 948,018	27,515	27,053	75	82	45 294	7 108,061	44 174,147	6,215	5,752
26	33	98 360	51 760,274	1 407 852,458	27,199	26,737	76	83	41 687	6 382,472	37 066,086	5,807	5,345
27	34	98 282	50 457,898	1 356 092,184	26,876	26,413	77	84	37 911	5 662,801	30 683,614	5,418	4,956
28	35	98 200	49 186,292	1 305 634,287	26,545	26,082	78	85	34 064	4 964,030	25 020,813	5,040	4,578
29	36	98 109	47 942,034	1 256 447,995	26,208	25,745	79	86	30 143	4 285,443	20 056,783	4,680	4,218
30	37	98 014	46 727,349	1 208 505,961	25,863	25,401	80	87	26 208	3 635,173	15 771,340	4,339	3,876
31	38	97 913	45 540,576	1 161 778,612	25,511	25,048	81	88	22 294	3 016,831	12 136,167	4,023	3,560
32	39	97 802	44 379,739	1 116 238,036	25,152	24,690	82	89	18 538	2 447,438	9 119,336	3,726	3,264
33	40	97 679	43 242,702	1 071 858,297	24,787	24,325	83	90	15 030	1 935,822	6 671,898	3,447	2,984
34	41	97 549	42 131,732	1 028 615,595	24,414	23,952	84	91	11 806	1 483,512	4 736,076	3,192	2,730
35	42	97 409	41 045,137	986 483,862	24,034	23,572	85	92	8 965	1 099,038	3 252,565	2,959	2,497
36	43	97 256	39 981,518	945 438,725	23,647	23,184	86	93	6 538	781,976	2 153,527	2,754	2,292
37	44	97 084	38 937,005	905 457,207	23,254	22,792	87	94	4 576	533,948	1 371,550	2,569	2,106
38	45	96 895	37 913,533	866 520,202	22,855	22,393	88	95	3 071	349,602	837,603	2,396	1,933
39	46	96 692	36 911,484	828 606,668	22,448	21,986	89	96	1 954	217,034	488,001	2,249	1,786
40	47	96 466	35 927,029	791 695,184	22,036	21,574	90	97	1 176	127,391	270,967	2,127	1,665
41	48	96 222	34 961,895	755 768,155	21,617	21,154	91	98	677	71,578	143,576	2,006	1,543
42	49	95 936	34 008,009	720 806,260	21,195	20,733	92	99	369	38,011	71,998	1,894	1,432
43	50	95 639	33 075,816	686 798,251	20,764	20,302	93	100	188	18,901	33,987	1,798	1,336
44	51	95 311	32 158,223	653 722,435	20,328	19,866							
45	52	94 948	31 254,444	621 564,212	19,887	19,425							
46	53	94 561	30 367,744	590 309,768	19,439	18,976							
47	54	94 132	29 492,673	559 942,024	18,986	18,523							
48	55	93 654	28 627,187	530 449,350	18,530	18,067							
49	56	93 117	27 768,969	501 822,163	18,071	17,609							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	3 321 588,905	33,337	32,874	50	58	92 182	26 819,648	465 024,721	17,339	16,877
1	9	99 293	96 871,321	3 221 951,274	33,260	32,798	51	59	91 502	25 972,579	438 205,073	16,872	16,409
2	10	99 264	94 480,744	3 125 079,952	33,076	32,614	52	60	90 752	25 131,427	412 232,494	16,403	15,941
3	11	99 245	92 158,950	3 030 599,209	32,884	32,422	53	61	89 926	24 295,291	387 101,067	15,933	15,471
4	12	99 226	89 893,599	2 938 440,258	32,688	32,226	54	62	89 020	23 463,920	362 805,776	15,462	15,000
5	13	99 208	87 685,524	2 848 546,659	32,486	32,024	55	63	88 032	22 637,541	339 341,856	14,990	14,528
6	14	99 191	85 532,317	2 760 861,135	32,279	31,816	56	64	86 940	21 811,360	316 704,315	14,520	14,058
7	15	99 173	83 430,952	2 675 328,818	32,066	31,604	57	65	85 749	20 987,940	294 892,955	14,051	13,588
8	16	99 152	81 378,718	2 591 897,866	31,850	31,387	58	66	84 461	20 168,354	273 905,015	13,581	13,119
9	17	99 132	79 377,676	2 510 519,148	31,628	31,165	59	67	83 074	19 353,473	253 736,661	13,111	12,648
10	18	99 111	77 425,379	2 431 141,472	31,400	30,937	60	68	81 582	18 542,208	234 383,188	12,641	12,178
11	19	99 088	75 519,070	2 353 716,093	31,167	30,705	61	69	79 978	17 734,297	215 840,980	12,171	11,708
12	20	99 064	73 659,940	2 278 197,023	30,929	30,466	62	70	78 217	16 920,823	198 106,683	11,708	11,245
13	21	99 039	71 845,233	2 204 537,083	30,685	30,222	63	71	76 327	16 109,324	181 185,860	11,247	10,785
14	22	99 013	70 074,496	2 132 691,850	30,435	29,972	64	72	74 298	15 298,511	165 076,537	10,790	10,328
15	23	98 985	68 345,447	2 062 617,354	30,179	29,717	65	73	72 153	14 494,482	149 778,026	10,333	9,871
16	24	98 953	66 657,218	1 994 271,907	29,918	29,456	66	74	69 856	13 690,836	135 283,544	9,881	9,419
17	25	98 914	65 005,881	1 927 614,689	29,653	29,191	67	75	67 433	12 893,615	121 592,708	9,430	8,968
18	26	98 869	63 391,135	1 862 608,808	29,383	28,920	68	76	64 882	12 103,187	108 699,093	8,981	8,519
19	27	98 813	61 810,118	1 799 217,673	29,109	28,646	69	77	62 199	11 319,700	96 595,905	8,533	8,071
20	28	98 752	60 265,578	1 737 407,555	28,829	28,367	70	78	59 430	10 551,987	85 276,205	8,082	7,619
21	29	98 688	58 757,437	1 677 141,978	28,543	28,081	71	79	56 512	9 789,094	74 724,218	7,633	7,171
22	30	98 624	57 287,004	1 618 384,540	28,250	27,788	72	80	53 405	9 025,278	64 935,124	7,195	6,732
23	31	98 554	55 850,531	1 561 097,537	27,951	27,489	73	81	50 167	8 271,397	55 909,846	6,759	6,297
24	32	98 481	54 447,889	1 505 247,006	27,646	27,183	74	82	46 752	7 520,272	47 638,449	6,335	5,872
25	33	98 403	53 077,724	1 450 799,117	27,333	26,871	75	83	43 165	6 773,966	40 118,177	5,922	5,460
26	34	98 325	51 742,146	1 397 721,393	27,013	26,551	76	84	39 386	6 030,186	33 344,211	5,530	5,067
27	35	98 244	50 438,633	1 345 979,247	26,685	26,223	77	85	35 493	5 301,582	27 314,025	5,152	4,690
28	36	98 154	49 163,325	1 295 540,613	26,352	25,889	78	86	31 554	4 598,212	22 012,443	4,787	4,325
29	37	98 062	47 919,173	1 246 377,289	26,010	25,548	79	87	27 572	3 919,986	17 414,231	4,442	3,980
30	38	97 964	46 703,755	1 198 458,116	25,661	25,198	80	88	23 611	3 274,947	13 494,245	4,120	3,658
31	39	97 858	45 515,342	1 151 754,361	25,305	24,842	81	89	19 768	2 675,012	10 219,298	3,820	3,358
32	40	97 739	44 350,863	1 106 239,019	24,943	24,480	82	90	16 150	2 132,193	7 544,286	3,538	3,076
33	41	97 617	43 215,324	1 061 888,156	24,572	24,110	83	91	12 818	1 651,029	5 412,093	3,278	2,816
34	42	97 477	42 100,852	1 018 672,832	24,196	23,734	84	92	9 847	1 237,355	3 761,064	3,040	2,577
35	43	97 330	41 012,020	976 571,980	23,812	23,349	85	93	7 280	892,478	2 523,709	2,828	2,365
36	44	97 169	39 945,707	935 559,960	23,421	22,958	86	94	5 169	618,185	1 631,231	2,639	2,176
37	45	96 992	38 900,177	895 614,253	23,023	22,561	87	95	3 526	411,430	1 013,046	2,462	2,000
38	46	96 791	37 872,751	856 714,076	22,621	22,158	88	96	2 290	260,715	601,616	2,308	1,845
39	47	96 578	36 867,774	818 841,325	22,210	21,748	89	97	1 408	156,413	340,902	2,179	1,717
40	48	96 341	35 880,347	781 973,551	21,794	21,332	90	98	829	89,844	184,488	2,053	1,591
41	49	96 076	34 908,854	746 093,205	21,373	20,910	91	99	461	48,743	94,644	1,942	1,479
42	50	95 775	33 950,738	711 184,351	20,948	20,485	92	100	242	24,963	45,901	1,839	1,376
43	51	95 463	33 014,827	677 233,613	20,513	20,051							
44	52	95 113	32 091,447	644 218,786	20,074	19,612							
45	53	94 739	31 185,546	612 127,339	19,629	19,166							
46	54	94 326	30 292,475	580 941,793	19,178	18,715							
47	55	93 872	29 411,442	550 649,318	18,722	18,260							
48	56	93 362	28 538,088	521 237,875	18,265	17,802							
49	57	92 802	27 675,066	492 699,787	17,803	17,341							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	3 310 571,880	33,229	32,766	50	59	91 797	26 707,715	455 520,278	17,056	16,593
1	10	99 288	96 866,173	3 210 941,429	33,148	32,686	51	60	91 078	25 852,210	428 812,563	16,587	16,125
2	11	99 258	94 475,491	3 114 075,257	32,962	32,499	52	61	90 287	25 002,583	402 960,353	16,117	15,654
3	12	99 237	92 151,863	3 019 599,765	32,768	32,305	53	62	89 424	24 159,573	377 957,770	15,644	15,182
4	13	99 219	89 887,918	2 927 447,902	32,568	32,105	54	63	88 475	23 320,276	353 798,197	15,171	14,709
5	14	99 200	87 678,593	2 837 559,984	32,363	31,901	55	64	87 437	22 484,507	330 477,921	14,698	14,236
6	15	99 182	85 524,427	2 749 881,390	32,153	31,691	56	65	86 296	21 649,764	307 993,414	14,226	13,764
7	16	99 162	83 421,293	2 664 356,964	31,939	31,476	57	66	85 062	20 819,749	286 343,651	13,753	13,291
8	17	99 139	81 368,315	2 580 935,671	31,719	31,257	58	67	83 721	19 991,724	265 523,901	13,282	12,819
9	18	99 119	79 367,384	2 499 567,356	31,494	31,031	59	68	82 297	19 172,364	245 532,177	12,807	12,344
10	19	99 095	77 412,811	2 420 199,972	31,264	30,801	60	69	80 749	18 353,004	226 359,813	12,334	11,871
11	20	99 071	75 506,657	2 342 787,161	31,028	30,565	61	70	79 054	17 529,532	208 006,809	11,866	11,404
12	21	99 048	73 647,883	2 267 280,504	30,785	30,323	62	71	77 235	16 708,436	190 477,277	11,400	10,938
13	22	99 023	71 833,034	2 193 632,620	30,538	30,076	63	72	75 273	15 886,782	173 768,841	10,938	10,476
14	23	98 997	70 062,739	2 121 799,587	30,284	29,822	64	73	73 187	15 069,830	157 882,059	10,477	10,014
15	24	98 968	68 334,269	2 051 736,848	30,025	29,563	65	74	70 945	14 251,902	142 812,229	10,021	9,558
16	25	98 937	66 646,268	1 983 402,579	29,760	29,297	66	75	68 585	13 441,770	128 560,327	9,564	9,102
17	26	98 895	64 993,243	1 916 756,311	29,492	29,029	67	76	66 076	12 634,196	115 118,557	9,112	8,649
18	27	98 851	63 379,836	1 851 763,068	29,217	28,754	68	77	63 445	11 835,116	102 484,361	8,659	8,197
19	28	98 792	61 797,154	1 788 383,232	28,940	28,477	69	78	60 710	11 048,724	90 649,245	8,204	7,742
20	29	98 729	60 251,235	1 726 586,078	28,656	28,194	70	79	57 813	10 264,894	79 600,520	7,755	7,292
21	30	98 664	58 742,938	1 666 334,843	28,367	27,904	71	80	54 770	9 487,508	69 335,626	7,308	6,846
22	31	98 596	57 270,804	1 607 591,905	28,070	27,608	72	81	51 522	8 707,033	59 848,119	6,874	6,411
23	32	98 523	55 832,547	1 550 321,102	27,767	27,305	73	82	48 140	7 937,106	51 141,086	6,443	5,981
24	33	98 448	54 429,600	1 494 488,555	27,457	26,995	74	83	44 554	7 166,802	43 203,979	6,028	5,566
25	34	98 369	53 059,135	1 440 058,955	27,141	26,678	75	84	40 783	6 400,071	36 037,178	5,631	5,168
26	35	98 288	51 722,391	1 386 999,820	26,816	26,354	76	85	36 874	5 645,532	29 637,106	5,250	4,787
27	36	98 198	50 415,082	1 335 277,429	26,486	26,023	77	86	32 877	4 910,889	23 991,574	4,885	4,423
28	37	98 108	49 139,881	1 284 862,348	26,147	25,685	78	87	28 863	4 206,083	19 080,685	4,536	4,074
29	38	98 013	47 894,977	1 235 722,467	25,801	25,338	79	88	24 840	3 531,536	14 874,602	4,212	3,750
30	39	97 910	46 677,876	1 187 827,490	25,447	24,985	80	89	20 936	2 903,882	11 343,066	3,906	3,444
31	40	97 795	45 485,727	1 141 149,614	25,088	24,626	81	90	17 222	2 330,454	8 439,184	3,621	3,159
32	41	97 677	44 322,784	1 095 663,887	24,720	24,258	82	91	13 774	1 818,511	6 108,730	3,359	2,897
33	42	97 545	43 183,650	1 051 341,103	24,346	23,883	83	92	10 692	1 377,077	4 290,219	3,115	2,653
34	43	97 398	42 066,883	1 008 157,453	23,966	23,503	84	93	7 996	1 004,800	2 913,142	2,899	2,437
35	44	97 243	40 975,286	966 090,570	23,577	23,115	85	94	5 755	705,541	1 908,343	2,705	2,242
36	45	97 077	39 907,924	925 115,285	23,181	22,719	86	95	3 983	476,338	1 202,802	2,525	2,063
37	46	96 887	38 858,333	885 207,360	22,780	22,318	87	96	2 629	306,822	726,464	2,368	1,905
38	47	96 676	37 827,903	846 349,027	22,374	21,911	88	97	1 650	187,894	419,641	2,233	1,771
39	48	96 452	36 819,869	808 521,124	21,959	21,496	89	98	993	110,312	231,748	2,101	1,638
40	49	96 195	35 825,912	771 701,255	21,540	21,078	90	99	565	61,181	121,436	1,985	1,522
41	50	95 914	34 850,065	735 875,343	21,115	20,653	91	100	303	32,012	60,254	1,882	1,420
42	51	95 598	33 888,136	701 025,278	20,686	20,224							
43	52	95 265	32 946,272	667 137,142	20,249	19,787							
44	53	94 903	32 020,703	634 190,871	19,806	19,343							
45	54	94 504	31 108,251	602 170,167	19,357	18,895							
46	55	94 066	30 209,041	571 061,917	18,904	18,441							
47	56	93 580	29 319,903	540 852,875	18,447	17,984							
48	57	93 046	28 441,584	511 532,972	17,985	17,523							
49	58	92 454	27 571,110	483 091,388	17,522	17,059							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	3 298 936,577	33,113	32,651	50	60	91 372	26 583,939	445 544,942	16,760	16,298
1	11	99 282	96 860,788	3 199 311,422	33,030	32,568	51	61	90 611	25 719,671	418 961,003	16,290	15,827
2	12	99 251	94 468,226	3 102 450,634	32,841	32,379	52	62	89 783	24 862,914	393 241,333	15,816	15,354
3	13	99 231	92 146,039	3 007 982,408	32,644	32,181	53	63	88 877	24 011,670	368 378,419	15,342	14,879
4	14	99 212	89 880,814	2 915 836,369	32,441	31,979	54	64	87 877	23 162,627	344 366,749	14,867	14,405
5	15	99 191	87 670,505	2 825 955,556	32,234	31,771	55	65	86 789	22 317,924	321 204,122	14,392	13,930
6	16	99 171	85 514,525	2 738 285,051	32,021	31,559	56	66	85 604	21 476,269	298 886,198	13,917	13,455
7	17	99 149	83 410,628	2 652 770,525	31,804	31,341	57	67	84 317	20 637,415	277 409,929	13,442	12,980
8	18	99 127	81 357,765	2 569 359,897	31,581	31,119	58	68	82 938	19 804,643	256 772,514	12,965	12,503
9	19	99 103	79 354,501	2 488 002,132	31,353	30,891	59	69	81 457	18 976,730	236 967,872	12,487	12,025
10	20	99 079	77 400,087	2 408 647,630	31,119	30,657	60	70	79 817	18 141,095	217 991,141	12,016	11,554
11	21	99 055	75 494,298	2 331 247,543	30,880	30,417	61	71	78 062	17 309,505	199 850,047	11,546	11,083
12	22	99 031	73 635,378	2 255 753,245	30,634	30,172	62	72	76 168	16 477,618	182 540,541	11,078	10,616
13	23	99 006	71 820,982	2 182 117,867	30,383	29,920	63	73	74 148	15 649,308	166 062,923	10,612	10,149
14	24	98 981	70 051,280	2 110 296,886	30,125	29,663	64	74	71 962	14 817,621	150 413,616	10,151	9,689
15	25	98 952	68 323,044	2 040 245,606	29,862	29,399	65	75	69 655	13 992,630	135 595,995	9,691	9,228
16	26	98 918	66 633,311	1 971 922,562	29,594	29,131	66	76	67 205	13 171,322	121 603,365	9,232	8,770
17	27	98 877	64 981,659	1 905 289,251	29,320	28,858	67	77	64 613	12 354,364	108 432,043	8,777	8,314
18	28	98 830	63 366,542	1 840 307,593	29,042	28,580	68	78	61 926	11 551,802	96 077,680	8,317	7,855
19	29	98 769	61 782,447	1 776 941,050	28,761	28,299	69	79	59 058	10 748,116	84 525,878	7,864	7,402
20	30	98 704	60 236,367	1 715 158,604	28,474	28,011	70	80	56 032	9 948,649	73 777,762	7,416	6,953
21	31	98 636	58 726,326	1 654 922,237	28,180	27,718	71	81	52 839	9 152,964	63 829,112	6,974	6,511
22	32	98 564	57 252,362	1 596 195,911	27,880	27,418	72	82	49 439	8 355,136	54 676,149	6,544	6,082
23	33	98 490	55 813,792	1 538 943,548	27,573	27,110	73	83	45 877	7 564,044	46 321,013	6,124	5,661
24	34	98 414	54 410,537	1 483 129,756	27,258	26,796	74	84	42 095	6 771,224	38 756,969	5,724	5,261
25	35	98 331	53 038,877	1 428 719,219	26,937	26,475	75	85	38 181	5 991,823	31 985,745	5,338	4,876
26	36	98 242	51 698,240	1 375 680,342	26,610	26,147	76	86	34 156	5 229,492	25 993,922	4,971	4,508
27	37	98 152	50 391,041	1 323 982,102	26,274	25,812	77	87	30 074	4 492,096	20 764,430	4,622	4,160
28	38	98 058	49 115,068	1 273 591,061	25,931	25,468	78	88	26 003	3 789,282	16 272,334	4,294	3,832
29	39	97 958	47 868,438	1 224 475,993	25,580	25,118	79	89	22 025	3 131,399	12 483,052	3,986	3,524
30	40	97 846	46 647,505	1 176 607,555	25,223	24,761	80	90	18 239	2 529,844	9 351,653	3,697	3,234
31	41	97 733	45 456,929	1 129 960,050	24,858	24,395	81	91	14 688	1 987,604	6 821,809	3,432	2,970
32	42	97 605	44 290,298	1 084 503,120	24,486	24,024	82	92	11 489	1 516,769	4 834,204	3,187	2,725
33	43	97 467	43 148,807	1 040 212,823	24,108	23,645	83	93	8 682	1 118,261	3 317,436	2,967	2,504
34	44	97 311	42 029,204	997 064,016	23,723	23,261	84	94	6 321	794,335	2 199,175	2,769	2,306
35	45	97 151	40 936,529	955 034,812	23,330	22,867	85	95	4 435	543,650	1 404,839	2,584	2,122
36	46	96 973	39 864,997	914 098,283	22,930	22,467	86	96	2 970	355,227	861,189	2,424	1,962
37	47	96 773	38 812,318	874 233,286	22,525	22,062	87	97	1 895	221,123	505,962	2,288	1,826
38	48	96 550	37 778,750	835 420,968	22,114	21,651	88	98	1 164	132,514	284,839	2,150	1,687
39	49	96 306	36 764,009	797 642,218	21,696	21,234	89	99	676	75,120	152,325	2,028	1,565
40	50	96 033	35 765,579	760 878,209	21,274	20,812	90	100	371	40,181	77,205	1,921	1,459
41	51	95 737	34 785,805	725 112,630	20,845	20,383							
42	52	95 400	33 817,767	690 326,825	20,413	19,951							
43	53	95 055	32 873,644	656 509,058	19,971	19,508							
44	54	94 668	31 941,338	623 635,414	19,524	19,062							
45	55	94 244	31 022,570	591 694,076	19,073	18,611							
46	56	93 774	30 115,019	560 671,506	18,618	18,155							
47	57	93 264	29 220,755	530 556,487	18,157	17,694							
48	58	92 697	28 334,750	501 335,732	17,693	17,231							
49	59	92 068	27 456,040	473 000,982	17,228	16,765							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	3 286 672,584	32,992	32,530	50	61	90 903	26 447,648	435 106,286	16,452	15,989
1	12	99 275	96 853,339	3 187 052,968	32,906	32,444	51	62	90 105	25 575,996	408 658,638	15,978	15,516
2	13	99 244	94 462,256	3 090 199,629	32,714	32,251	52	63	89 233	24 710,705	383 082,642	15,503	15,040
3	14	99 223	92 138,756	2 995 737,373	32,513	32,051	53	64	88 276	23 849,347	358 371,937	15,026	14,564
4	15	99 202	89 872,522	2 903 598,617	32,308	31,846	54	65	87 226	22 991,019	334 522,591	14,550	14,088
5	16	99 180	87 660,355	2 813 726,095	32,098	31,636	55	66	86 094	22 139,075	311 531,571	14,072	13,609
6	17	99 158	85 503,593	2 726 065,740	31,882	31,420	56	67	84 855	21 288,185	289 392,496	13,594	13,132
7	18	99 136	83 399,814	2 640 562,147	31,661	31,199	57	68	83 528	20 444,291	268 104,311	13,114	12,651
8	19	99 110	81 344,559	2 557 162,333	31,436	30,974	58	69	82 091	19 602,557	247 660,020	12,634	12,172
9	20	99 087	79 341,458	2 475 817,774	31,205	30,742	59	70	80 517	18 757,619	228 057,463	12,158	11,696
10	21	99 062	77 387,418	2 396 476,316	30,967	30,505	60	71	78 815	17 913,392	209 299,844	11,684	11,222
11	22	99 038	75 481,479	2 319 088,898	30,724	30,262	61	72	76 984	17 070,383	191 386,452	11,212	10,749
12	23	99 015	73 623,024	2 243 607,418	30,474	30,012	62	73	75 030	16 231,312	174 316,068	10,739	10,277
13	24	98 990	71 809,235	2 169 984,394	30,219	29,756	63	74	72 907	15 387,400	158 084,756	10,274	9,811
14	25	98 964	70 039,772	2 098 175,160	29,957	29,494	64	75	70 653	14 548,057	142 697,356	9,809	9,346
15	26	98 933	68 309,761	2 028 135,387	29,690	29,228	65	76	68 253	13 711,098	128 149,300	9,346	8,884
16	27	98 900	66 621,434	1 959 825,627	29,417	28,955	66	77	65 717	12 879,593	114 438,201	8,885	8,423
17	28	98 857	64 968,029	1 893 204,193	29,141	28,678	67	78	63 066	12 058,619	101 558,608	8,422	7,960
18	29	98 807	63 351,462	1 828 236,164	28,859	28,396	68	79	60 241	11 237,506	89 499,989	7,964	7,502
19	30	98 744	61 767,201	1 764 884,702	28,573	28,111	69	80	57 239	10 416,984	78 262,483	7,513	7,051
20	31	98 676	60 219,333	1 703 117,501	28,282	27,819	70	81	54 056	9 597,845	67 845,499	7,069	6,606
21	32	98 604	58 707,416	1 642 898,168	27,985	27,522	71	82	50 704	8 783,044	58 247,654	6,632	6,169
22	33	98 531	57 233,131	1 584 190,752	27,680	27,217	72	83	47 115	7 962,425	49 464,610	6,212	5,750
23	34	98 455	55 794,245	1 526 957,621	27,368	26,905	73	84	43 345	7 146,540	41 502,184	5,807	5,345
24	35	98 376	54 389,763	1 471 163,376	27,049	26,586	74	85	39 410	6 339,301	34 355,644	5,419	4,957
25	36	98 285	53 014,111	1 416 773,613	26,724	26,262	75	86	35 367	5 550,263	28 016,343	5,048	4,585
26	37	98 195	51 673,587	1 363 759,502	26,392	25,929	76	87	31 244	4 783,529	22 466,080	4,697	4,234
27	38	98 102	50 365,597	1 312 085,914	26,051	25,589	77	88	27 094	4 046,952	17 682,551	4,369	3,907
28	39	98 004	49 087,853	1 261 720,318	25,703	25,241	78	89	23 056	3 359,941	13 635,599	4,058	3,596
29	40	97 895	47 837,293	1 212 632,464	25,349	24,887	79	90	19 188	2 728,055	10 275,657	3,767	3,304
30	41	97 784	46 617,971	1 164 795,172	24,986	24,524	80	91	15 556	2 157,661	7 547,602	3,498	3,036
31	42	97 661	45 423,612	1 118 177,200	24,617	24,154	81	92	12 251	1 657,805	5 389,941	3,251	2,789
32	43	97 526	44 254,562	1 072 753,589	24,241	23,778	82	93	9 330	1 231,698	3 732,137	3,030	2,568
33	44	97 379	43 110,159	1 028 499,027	23,857	23,395	83	94	6 864	884,031	2 500,438	2,828	2,366
34	45	97 219	41 989,451	985 388,868	23,468	23,005	84	95	4 871	612,070	1 616,407	2,641	2,178
35	46	97 046	40 892,495	943 399,417	23,070	22,608	85	96	3 307	405,425	1 004,337	2,477	2,015
36	47	96 858	39 817,789	902 506,922	22,666	22,204	86	97	2 140	256,008	598,912	2,339	1,877
37	48	96 647	38 761,886	862 689,133	22,256	21,794	87	98	1 336	155,949	342,904	2,199	1,736
38	49	96 404	37 721,436	823 927,247	21,842	21,380	88	99	793	90,239	186,955	2,072	1,609
39	50	96 144	36 702,096	786 205,811	21,421	20,959	89	100	444	49,335	96,716	1,960	1,498
40	51	95 856	35 699,631	749 503,715	20,995	20,532							
41	52	95 538	34 713,572	713 804,084	20,563	20,100							
42	53	95 189	33 743,218	679 090,512	20,125	19,663							
43	54	94 819	32 792,164	645 347,293	19,680	19,218							
44	55	94 407	31 853,362	612 555,129	19,230	18,768							
45	56	93 950	30 926,016	580 701,767	18,777	18,315							
46	57	93 457	30 013,183	549 775,751	18,318	17,855							
47	58	92 913	29 110,993	519 762,568	17,855	17,392							
48	59	92 310	28 216,492	490 651,575	17,389	16,926							
49	60	91 641	27 328,796	462 435,082	16,921	16,459							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	3 273 772,427	32,865	32,403	50	62	90 396	26 299,907	424 213,806	16,130	15,667
1	13	99 268	96 847,218	3 174 160,472	32,775	32,313	51	63	89 554	25 419,422	397 913,899	15,654	15,192
2	14	99 237	94 454,789	3 077 313,254	32,580	32,117	52	64	88 630	24 543,656	372 494,477	15,177	14,714
3	15	99 214	92 130,256	2 982 858,464	32,377	31,914	53	65	87 622	23 672,652	347 950,821	14,698	14,236
4	16	99 191	89 862,117	2 890 728,208	32,168	31,706	54	66	86 527	22 806,776	324 278,169	14,219	13,756
5	17	99 167	87 649,149	2 800 866,091	31,955	31,493	55	67	85 340	21 945,186	301 471,393	13,737	13,275
6	18	99 145	85 492,507	2 713 216,942	31,736	31,274	56	68	84 060	21 088,972	279 526,207	13,255	12,792
7	19	99 120	83 386,277	2 627 724,435	31,513	31,050	57	69	82 676	20 235,678	258 437,235	12,771	12,309
8	20	99 094	81 331,189	2 544 338,158	31,284	30,821	58	70	81 143	19 376,220	238 201,557	12,293	11,831
9	21	99 070	79 328,471	2 463 006,970	31,048	30,586	59	71	79 506	18 522,178	218 825,337	11,814	11,352
10	22	99 046	77 374,278	2 383 678,498	30,807	30,345	60	72	77 726	17 665,928	200 303,159	11,338	10,876
11	23	99 022	75 468,815	2 306 304,220	30,560	30,097	61	73	75 833	16 815,217	182 637,231	10,861	10,399
12	24	98 999	73 610,982	2 230 835,405	30,306	29,843	62	74	73 774	15 959,664	165 822,014	10,390	9,928
13	25	98 974	71 797,439	2 157 224,423	30,046	29,584	63	75	71 581	15 107,471	149 862,350	9,920	9,457
14	26	98 945	70 026,156	2 085 426,984	29,781	29,318	64	76	69 232	14 255,350	134 754,880	9,453	8,991
15	27	98 915	68 297,585	2 015 400,829	29,509	29,047	65	77	66 742	13 407,414	120 499,529	8,988	8,525
16	28	98 879	66 607,461	1 947 103,244	29,233	28,770	66	78	64 144	12 571,275	107 092,116	8,519	8,056
17	29	98 833	64 952,567	1 880 495,783	28,952	28,489	67	79	61 350	11 730,535	94 520,840	8,058	7,595
18	30	98 782	63 335,829	1 815 543,216	28,665	28,203	68	80	58 385	10 891,297	82 790,306	7,602	7,139
19	31	98 716	61 749,734	1 752 207,387	28,376	27,914	69	81	55 220	10 049,665	71 899,009	7,154	6,692
20	32	98 645	60 199,942	1 690 457,653	28,081	27,618	70	82	51 871	9 209,945	61 849,343	6,715	6,253
21	33	98 571	58 687,696	1 630 257,711	27,779	27,316	71	83	48 320	8 370,221	52 639,398	6,289	5,826
22	34	98 496	57 213,086	1 571 570,015	27,469	27,006	72	84	44 515	7 522,932	44 269,177	5,885	5,422
23	35	98 418	55 772,943	1 514 356,929	27,152	26,690	73	85	40 580	6 690,676	36 746,245	5,492	5,030
24	36	98 330	54 364,367	1 458 583,986	26,830	26,367	74	86	36 506	5 872,134	30 055,569	5,118	4,656
25	37	98 238	52 988,831	1 404 219,619	26,500	26,038	75	87	32 351	5 076,945	24 183,434	4,763	4,301
26	38	98 145	51 647,496	1 351 230,788	26,163	25,700	76	88	28 148	4 309,506	19 106,489	4,434	3,971
27	39	98 048	50 337,689	1 299 583,292	25,817	25,355	77	89	24 024	3 588,416	14 796,983	4,124	3,661
28	40	97 940	49 055,915	1 249 245,604	25,466	25,003	78	90	20 087	2 927,160	11 208,566	3,829	3,367
29	41	97 833	47 807,006	1 200 189,689	25,105	24,642	79	91	16 365	2 326,712	8 281,407	3,559	3,097
30	42	97 713	46 583,803	1 152 382,684	24,738	24,275	80	92	12 975	1 799,644	5 954,695	3,309	2,846
31	43	97 582	45 386,962	1 105 798,881	24,364	23,901	81	93	9 948	1 346,227	4 155,051	3,086	2,624
32	44	97 439	44 214,923	1 060 411,919	23,983	23,521	82	94	7 375	973,708	2 808,823	2,885	2,422
33	45	97 287	43 069,383	1 016 196,996	23,594	23,132	83	95	5 289	681,185	1 835,115	2,694	2,232
34	46	97 115	41 944,284	973 127,613	23,200	22,738	84	96	3 632	456,449	1 153,930	2,528	2,066
35	47	96 931	40 844,071	931 183,329	22,798	22,336	85	97	2 383	292,185	697,481	2,387	1,925
36	48	96 732	39 766,051	890 339,258	22,389	21,927	86	98	1 510	180,552	405,297	2,245	1,782
37	49	96 500	38 703,080	850 573,207	21,977	21,514	87	99	910	106,198	224,745	2,116	1,654
38	50	96 242	37 657,910	811 870,126	21,559	21,097	88	100	521	59,264	118,547	2,000	1,538
39	51	95 967	36 634,421	774 212,216	21,133	20,671							
40	52	95 657	35 625,500	737 577,795	20,704	20,241							
41	53	95 328	34 637,049	701 952,294	20,266	19,804							
42	54	94 954	33 659,583	667 315,246	19,825	19,363							
43	55	94 558	32 701,846	633 655,662	19,377	18,914							
44	56	94 113	31 754,223	600 953,817	18,925	18,463							
45	57	93 633	30 821,437	569 199,594	18,468	18,005							
46	58	93 106	29 900,445	538 378,157	18,006	17,543							
47	59	92 526	28 989,497	508 477,713	17,540	17,078							
48	60	91 882	28 085,724	479 488,216	17,072	16,610							
49	61	91 171	27 188,687	451 402,492	16,603	16,140							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	3 260 231,150	32,731	32,269	50	63	89 842	26 138,901	412 876,928	15,795	15,333
1	14	99 261	96 839,563	3 160 625,490	32,638	32,175	51	64	88 948	25 247,582	386 738,027	15,318	14,855
2	15	99 227	94 446,076	3 063 785,927	32,440	31,977	52	65	87 973	24 361,817	361 490,446	14,838	14,376
3	16	99 203	92 119,590	2 969 339,851	32,234	31,771	53	66	86 920	23 482,946	337 128,629	14,356	13,894
4	17	99 178	89 850,629	2 877 220,261	32,022	31,560	54	67	85 769	22 607,040	313 645,682	13,874	13,411
5	18	99 154	87 637,785	2 787 369,631	31,806	31,343	55	68	84 541	21 739,825	291 038,642	13,387	12,925
6	19	99 129	85 478,630	2 699 731,846	31,584	31,121	56	69	83 203	20 873,780	269 298,817	12,901	12,439
7	20	99 104	83 372,571	2 614 253,216	31,356	30,894	57	70	81 721	20 002,031	248 425,037	12,420	11,958
8	21	99 078	81 317,876	2 530 880,646	31,123	30,661	58	71	80 125	19 133,014	228 423,006	11,939	11,476
9	22	99 054	79 315,002	2 449 562,769	30,884	30,422	59	72	78 408	18 266,304	209 289,992	11,458	10,995
10	23	99 029	77 361,296	2 370 247,768	30,639	30,176	60	73	76 565	17 401,859	191 023,688	10,977	10,515
11	24	99 005	75 456,472	2 292 886,472	30,387	29,924	61	74	74 564	16 533,797	173 621,829	10,501	10,039
12	25	98 982	73 598,890	2 217 430,000	30,129	29,666	62	75	72 432	15 669,324	157 088,032	10,025	9,563
13	26	98 954	71 783,480	2 143 831,110	29,865	29,403	63	76	70 140	14 803,509	141 418,708	9,553	9,091
14	27	98 927	70 013,674	2 072 047,630	29,595	29,132	64	77	67 698	13 939,611	126 615,200	9,083	8,621
15	28	98 895	68 283,260	2 002 033,956	29,320	28,857	65	78	65 144	13 086,461	112 675,589	8,610	8,148
16	29	98 856	66 591,609	1 933 750,696	29,039	28,571	66	79	62 399	12 229,243	99 589,128	8,144	7,681
17	30	98 809	64 936,539	1 867 159,087	28,754	28,291	67	80	59 460	11 369,136	87 359,885	7,684	7,222
18	31	98 754	63 317,918	1 802 222,548	28,463	28,001	68	81	56 326	10 507,253	75 990,749	7,232	6,770
19	32	98 684	61 729,850	1 738 904,629	28,170	27,707	69	82	52 989	9 643,505	65 483,496	6,790	6,328
20	33	98 611	60 179,721	1 677 174,779	27,869	27,407	70	83	49 433	8 777,057	55 839,991	6,362	5,900
21	34	98 536	58 667,142	1 616 995,059	27,562	27,100	71	84	45 653	7 908,219	47 062,934	5,951	5,489
22	35	98 459	57 191,243	1 558 327,917	27,248	26,785	72	85	41 675	7 043,059	39 154,715	5,559	5,097
23	36	98 372	55 746,900	1 501 136,674	26,928	26,465	73	86	37 590	6 197,615	32 111,655	5,181	4,719
24	37	98 283	54 338,443	1 445 389,774	26,600	26,137	74	87	33 393	5 371,367	25 914,040	4,824	4,362
25	38	98 189	52 962,075	1 391 051,331	26,265	25,803	75	88	29 145	4 573,847	20 542,672	4,491	4,029
26	39	98 091	51 618,877	1 338 089,256	25,922	25,460	76	89	24 958	3 821,222	15 968,826	4,179	3,717
27	40	97 984	50 304,937	1 286 470,378	25,573	25,111	77	90	20 929	3 126,206	12 147,604	3,886	3,423
28	41	97 878	49 024,856	1 236 165,442	25,215	24,753	78	91	17 132	2 496,525	9 021,398	3,614	3,151
29	42	97 761	47 771,966	1 187 140,586	24,850	24,388	79	92	13 650	1 940,645	6 524,873	3,362	2,900
30	43	97 634	46 546,217	1 139 368,620	24,478	24,016	80	93	10 536	1 461,408	4 584,229	3,137	2,674
31	44	97 495	45 346,309	1 092 822,403	24,099	23,637	81	94	7 865	1 064,248	3 122,820	2,934	2,472
32	45	97 347	44 173,103	1 047 476,094	23,713	23,251	82	95	5 683	750,285	2 058,572	2,744	2,281
33	46	97 183	43 023,055	1 003 302,992	23,320	22,858	83	96	3 944	507,991	1 308,287	2,575	2,113
34	47	97 000	41 894,614	960 279,937	22,921	22,459	84	97	2 618	328,957	800,296	2,433	1,970
35	48	96 805	40 790,999	918 385,323	22,514	22,052	85	98	1 681	206,066	471,339	2,287	1,825
36	49	96 586	39 705,722	877 594,323	22,102	21,640	86	99	1 028	122,952	265,273	2,158	1,695
37	50	96 338	38 637,902	837 888,602	21,686	21,223	87	100	598	69,745	142,322	2,041	1,578
38	51	96 064	37 588,473	799 250,700	21,263	20,801							
39	52	95 767	36 558,349	761 662,227	20,834	20,372							
40	53	95 446	35 546,967	725 103,878	20,398	19,936							
41	54	95 091	34 551,198	689 556,911	19,958	19,495							
42	55	94 692	33 566,875	655 005,712	19,513	19,051							
43	56	94 264	32 600,065	621 438,837	19,063	18,600							
44	57	93 795	31 646,843	588 838,772	18,607	18,144							
45	58	93 281	30 705,663	557 191,929	18,146	17,684							
46	59	92 717	29 775,653	526 486,267	17,682	17,219							
47	60	92 097	28 855,146	496 710,614	17,214	16,752							
48	61	91 411	27 941,734	467 855,468	16,744	16,282							
49	62	90 662	27 036,806	439 913,734	16,271	15,809							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	3 246 040,651	32,591	32,129	50	64	89 235	25 962,197	401 107,762	15,450	14,987
1	15	99 251	96 830,629	3 146 442,863	32,494	32,032	51	65	88 289	25 060,527	375 145,565	14,970	14,507
2	16	99 216	94 435,142	3 049 612,233	32,293	31,831	52	66	87 268	24 166,589	350 085,037	14,486	14,024
3	17	99 190	92 107,814	2 955 177,092	32,084	31,621	53	67	86 158	23 277,288	325 918,448	14,002	13,539
4	18	99 165	89 838,980	2 863 069,278	31,869	31,406	54	68	84 967	22 395,485	302 641,160	13,513	13,051
5	19	99 138	87 623,559	2 773 230,298	31,649	31,187	55	69	83 679	21 517,992	280 245,675	13,024	12,561
6	20	99 113	85 464,580	2 685 606,739	31,424	30,961	56	70	82 242	20 632,765	258 727,683	12,540	12,077
7	21	99 088	83 358,924	2 600 142,158	31,192	30,730	57	71	80 695	19 750,970	238 094,917	12,055	11,592
8	22	99 061	81 304,069	2 516 783,234	30,955	30,495	58	72	79 018	18 868,701	218 343,947	11,572	11,109
9	23	99 037	79 301,694	2 435 479,166	30,712	30,249	59	73	77 236	17 993,261	199 475,246	11,086	10,624
10	24	99 013	77 348,643	2 356 177,472	30,462	29,999	60	74	75 283	17 110,621	181 481,985	10,606	10,144
11	25	98 989	75 444,076	2 278 828,828	30,206	29,743	61	75	73 207	16 233,012	164 371,364	10,126	9,663
12	26	98 963	73 584,581	2 203 384,752	29,944	29,481	62	76	70 975	15 354,057	148 138,352	9,648	9,186
13	27	98 937	71 770,685	2 129 800,171	29,675	29,213	63	77	68 587	14 475,628	132 784,295	9,173	8,711
14	28	98 907	69 998,989	2 058 029,485	29,401	28,938	64	78	66 078	13 605,918	118 308,667	8,695	8,233
15	29	98 871	68 267,009	1 988 030,496	29,121	28,659	65	79	63 371	12 730,411	104 702,748	8,225	7,762
16	30	98 831	66 575,176	1 919 763,487	28,836	28,374	66	80	60 476	11 852,479	91 972,337	7,760	7,297
17	31	98 781	64 918,176	1 853 188,311	28,547	28,084	67	81	57 364	10 968,243	80 119,857	7,305	6,842
18	32	98 723	63 297,530	1 788 270,135	28,252	27,789	68	82	54 050	10 082,600	69 151,614	6,859	6,396
19	33	98 651	61 709,115	1 724 972,605	27,953	27,491	69	83	50 498	9 190,238	59 069,015	6,427	5,965
20	34	98 577	60 158,644	1 663 263,490	27,648	27,186	70	84	46 705	8 292,599	49 878,776	6,015	5,552
21	35	98 499	58 644,743	1 603 104,846	27,336	26,873	71	85	42 741	7 403,770	41 586,177	5,617	5,154
22	36	98 413	57 164,538	1 544 460,103	27,018	26,555	72	86	38 604	6 524,030	34 182,407	5,239	4,777
23	37	98 325	55 720,317	1 487 295,565	26,692	26,230	73	87	34 384	5 669,092	27 658,377	4,879	4,416
24	38	98 234	54 311,005	1 431 575,248	26,359	25,896	74	88	30 084	4 839,093	21 989,285	4,544	4,082
25	39	98 134	52 932,729	1 377 264,243	26,019	25,557	75	89	25 843	4 055,611	17 150,192	4,229	3,766
26	40	98 027	51 585,292	1 324 331,514	25,673	25,210	76	90	21 744	3 329,024	13 094,581	3,933	3,471
27	41	97 922	50 273,087	1 272 746,222	25,317	24,854	77	91	17 850	2 666,288	9 765,556	3,663	3,200
28	42	97 806	48 988,924	1 222 473,135	24,954	24,492	78	92	14 289	2 082,281	7 099,268	3,409	2,947
29	43	97 682	47 733,421	1 173 484,211	24,584	24,122	79	93	11 085	1 575,909	5 016,987	3,184	2,721
30	44	97 546	46 504,526	1 125 750,791	24,207	23,745	80	94	8 329	1 155,304	3 441,079	2,979	2,516
31	45	97 403	45 303,418	1 079 246,265	23,823	23,360	81	95	6 060	820,050	2 285,775	2,787	2,325
32	46	97 242	44 125,587	1 033 942,847	23,432	22,969	82	96	4 238	559,522	1 465,725	2,620	2,157
33	47	97 068	42 972,107	989 817,260	23,034	22,572	83	97	2 842	366,103	906,203	2,475	2,013
34	48	96 873	41 840,178	946 845,152	22,630	22,168	84	98	1 846	232,000	540,101	2,328	1,866
35	49	96 659	40 729,115	905 004,975	22,220	21,758	85	99	1 145	140,326	308,101	2,196	1,733
36	50	96 423	39 638,855	864 275,860	21,804	21,341	86	100	675	80,748	167,775	2,078	1,615
37	51	96 160	38 566,657	824 637,005	21,382	20,920							
38	52	95 865	37 510,420	786 070,348	20,956	20,494							
39	53	95 556	36 477,759	748 559,927	20,521	20,059							
40	54	95 209	35 458,861	712 082,168	20,082	19,620							
41	55	94 830	34 456,035	676 623,307	19,637	19,175							
42	56	94 397	33 462,403	642 167,272	19,191	18,728							
43	57	93 945	32 489,825	608 704,870	18,735	18,273							
44	58	93 443	31 527,968	576 215,045	18,276	17,814							
45	59	92 892	30 577,510	544 687,077	17,813	17,351							
46	60	92 287	29 637,659	514 109,566	17,346	16,884							
47	61	91 625	28 707,211	484 471,908	16,876	16,414							
48	62	90 900	27 785,646	455 764,697	16,403	15,940							
49	63	90 107	26 871,289	427 979,050	15,927	15,465							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	3 231 196,000	32,445	31,983	50	65	88 574	25 769,848	388 921,597	15,092	14,630
1	16	99 240	96 819,419	3 131 607,400	32,345	31,882	51	66	87 582	24 859,700	363 151,749	14,608	14,146
2	17	99 203	94 423,069	3 034 787,981	32,140	31,678	52	67	86 504	23 954,944	338 292,049	14,122	13,660
3	18	99 177	92 095,872	2 940 364,912	31,927	31,465	53	68	85 352	23 059,461	314 337,105	13,632	13,169
4	19	99 149	89 824,397	2 848 269,041	31,709	31,247	54	69	84 100	22 166,962	291 277,644	13,140	12,678
5	20	99 122	87 609,157	2 758 444,643	31,486	31,023	55	70	82 712	21 269,539	269 110,682	12,652	12,190
6	21	99 096	85 450,591	2 670 835,486	31,256	30,793	56	71	81 210	20 373,788	247 841,143	12,165	11,702
7	22	99 071	83 344,770	2 585 384,895	31,020	30,558	57	72	79 581	19 478,121	227 467,355	11,678	11,216
8	23	99 044	81 290,428	2 502 040,125	30,779	30,317	58	73	77 837	18 586,654	207 989,235	11,190	10,728
9	24	99 021	79 288,724	2 420 749,698	30,531	30,068	59	74	75 943	17 692,125	189 402,581	10,705	10,243
10	25	98 997	77 335,937	2 341 460,974	30,276	29,814	60	75	73 914	16 799,342	171 710,456	10,221	9,759
11	26	98 970	75 429,409	2 264 125,037	30,016	29,554	61	76	71 734	15 906,404	154 911,114	9,739	9,276
12	27	98 945	73 571,466	2 188 695,628	29,749	29,287	62	77	69 403	15 013,983	139 004,710	9,258	8,796
13	28	98 916	71 755,632	2 115 124,162	29,477	29,014	63	78	66 945	14 129,104	123 990,726	8,776	8,313
14	29	98 883	69 982,330	2 043 368,530	29,198	28,736	64	79	64 280	13 235,736	109 861,622	8,300	7,838
15	30	98 847	68 250,163	1 973 386,200	28,914	28,452	65	80	61 419	12 338,208	96 625,886	7,831	7,369
16	31	98 803	66 556,350	1 905 136,037	28,624	28,162	66	81	58 344	11 434,543	84 287,678	7,371	6,909
17	32	98 749	64 897,272	1 838 579,687	28,331	27,868	67	82	55 045	10 524,958	72 853,135	6,922	6,460
18	33	98 689	63 276,268	1 773 682,415	28,031	27,568	68	83	51 509	9 608,694	62 328,177	6,487	6,024
19	34	98 617	61 687,502	1 710 406,147	27,727	27,265	69	84	47 711	8 682,975	52 719,483	6,072	5,609
20	35	98 539	60 135,676	1 648 718,645	27,417	26,954	70	85	43 726	7 763,631	44 036,508	5,672	5,210
21	36	98 453	58 617,360	1 588 582,969	27,101	26,638	71	86	39 591	6 858,158	36 272,877	5,289	4,827
22	37	98 366	57 137,279	1 529 965,609	26,777	26,315	72	87	35 312	5 967,670	29 414,718	4,929	4,467
23	38	98 275	55 692,182	1 472 828,331	26,446	25,983	73	88	30 977	5 107,315	23 447,048	4,591	4,128
24	39	98 179	54 280,911	1 417 136,149	26,107	25,645	74	89	26 675	4 290,804	18 339,733	4,274	3,812
25	40	98 070	52 898,288	1 362 855,237	25,764	25,301	75	90	22 514	3 533,223	14 048,929	3,976	3,514
26	41	97 965	51 552,632	1 309 956,949	25,410	24,948	76	91	18 545	2 839,268	10 515,706	3,704	3,241
27	42	97 850	50 236,240	1 258 404,317	25,050	24,587	77	92	14 888	2 223,876	7 676,437	3,452	2,989
28	43	97 727	48 949,397	1 208 168,077	24,682	24,220	78	93	11 603	1 690,925	5 452,562	3,225	2,762
29	44	97 595	47 690,666	1 159 218,681	24,307	23,845	79	94	8 763	1 245,821	3 761,637	3,019	2,557
30	45	97 454	46 460,539	1 111 528,015	23,924	23,462	80	95	6 418	890,212	2 515,816	2,826	2,364
31	46	97 298	45 254,687	1 065 067,475	23,535	23,073	81	96	4 519	611,549	1 625,604	2,658	2,196
32	47	97 127	44 073,334	1 019 812,788	23,139	22,677	82	97	3 054	403,240	1 014,055	2,515	2,052
33	48	96 941	42 916,271	975 739,454	22,736	22,273	83	98	2 005	258,197	610,815	2,366	1,903
34	49	96 727	41 776,702	932 823,183	22,329	21,866	84	99	1 257	157,987	352,617	2,232	1,770
35	50	96 496	40 660,524	891 046,482	21,914	21,452	85	100	752	92,158	194,631	2,112	1,649
36	51	96 245	39 565,765	850 385,958	21,493	21,031							
37	52	95 960	38 486,573	810 820,193	21,068	20,605							
38	53	95 653	37 427,732	772 333,620	20,635	20,173							
39	54	95 319	36 387,346	734 905,888	20,197	19,734							
40	55	94 947	35 361,197	698 518,541	19,754	19,291							
41	56	94 534	34 348,795	663 157,344	19,307	18,844							
42	57	94 078	33 349,246	628 808,549	18,855	18,393							
43	58	93 592	32 367,784	595 459,303	18,397	17,934							
44	59	93 053	31 396,384	563 091,519	17,935	17,472							
45	60	92 461	30 435,800	531 695,135	17,469	17,007							
46	61	91 814	29 485,712	501 259,335	17,000	16,538							
47	62	91 113	28 546,847	471 773,623	16,526	16,064							
48	63	90 344	27 615,545	443 226,776	16,050	15,587							
49	64	89 498	26 689,634	415 611,231	15,572	15,110							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	3 215 692,095	32,293	31,831	50	66	87 864	25 563,337	376 334,300	14,722	14,259
1	17	99 227	96 807,042	3 116 115,024	32,189	31,727	51	67	86 815	24 641,985	350 770,963	14,235	13,772
2	18	99 190	94 410,827	3 019 307,983	31,981	31,518	52	68	85 694	23 730,775	326 128,978	13,743	13,280
3	19	99 161	92 080,922	2 924 897,156	31,764	31,302	53	69	84 481	22 824,163	302 398,204	13,249	12,787
4	20	99 133	89 809,633	2 832 816,233	31,542	31,080	54	70	83 129	21 911,016	279 574,041	12,760	12,297
5	21	99 105	87 594,817	2 743 006,600	31,315	30,852	55	71	81 674	21 002,569	257 663,025	12,268	11,806
6	22	99 080	85 436,082	2 655 411,783	31,081	30,618	56	72	80 088	20 092,334	236 660,456	11,779	11,316
7	23	99 054	83 330,786	2 569 975,701	30,841	30,378	57	73	78 391	19 186,964	216 568,122	11,287	10,825
8	24	99 028	81 277,132	2 486 644,915	30,595	30,132	58	74	76 534	18 275,587	197 381,158	10,800	10,338
9	25	99 004	79 275,699	2 405 367,783	30,342	29,879	59	75	74 561	17 370,267	179 105,571	10,311	9,849
10	26	98 977	77 320,902	2 326 092,084	30,084	29,621	60	76	72 426	16 461,340	161 735,304	9,825	9,363
11	27	98 952	75 415,964	2 248 771,182	29,818	29,356	61	77	70 146	15 554,096	145 273,964	9,340	8,877
12	28	98 925	73 556,034	2 173 355,217	29,547	29,085	62	78	67 741	14 654,572	129 719,868	8,852	8,389
13	29	98 892	71 738,555	2 099 799,183	29,270	28,808	63	79	65 124	13 744,687	115 065,296	8,372	7,909
14	30	98 859	69 965,061	2 028 060,628	28,987	28,524	64	80	62 300	12 827,964	101 320,609	7,898	7,436
15	31	98 819	68 230,863	1 958 095,567	28,698	28,236	65	81	59 253	11 903,144	88 492,645	7,434	6,972
16	32	98 771	66 534,918	1 889 864,704	28,404	27,942	66	82	55 986	10 972,413	76 589,501	6,980	6,518
17	33	98 716	64 875,473	1 823 329,786	28,105	27,643	67	83	52 458	10 030,261	65 617,088	6,542	6,079
18	34	98 655	63 254,107	1 758 454,313	27,800	27,337	68	84	48 666	9 078,334	55 586,827	6,123	5,661
19	35	98 579	61 663,951	1 695 200,207	27,491	27,029	69	85	44 667	8 129,106	46 508,493	5,721	5,259
20	36	98 493	60 107,596	1 633 536,256	27,177	26,714	70	86	40 503	7 191,500	38 379,387	5,337	4,874
21	37	98 406	58 589,407	1 573 428,660	26,855	26,393	71	87	36 215	6 273,305	31 187,887	4,972	4,509
22	38	98 316	57 108,428	1 514 839,252	26,526	26,063	72	88	31 813	5 376,306	24 914,583	4,634	4,172
23	39	98 221	55 661,323	1 457 730,824	26,189	25,727	73	89	27 467	4 528,635	19 538,277	4,314	3,852
24	40	98 115	54 245,593	1 402 069,502	25,847	25,384	74	90	23 239	3 738,122	15 009,642	4,015	3,553
25	41	98 008	52 864,797	1 347 823,908	25,496	25,033	75	91	19 202	3 013,426	11 271,520	3,740	3,278
26	42	97 893	51 514,847	1 294 959,111	25,138	24,675	76	92	15 468	2 368,154	8 258,094	3,487	3,025
27	43	97 771	50 195,707	1 243 444,264	24,772	24,310	77	93	12 090	1 805,907	5 889,940	3,261	2,799
28	44	97 640	48 905,553	1 193 248,558	24,399	23,937	78	94	9 173	1 336,746	4 084,033	3,055	2,593
29	45	97 502	47 645,558	1 144 343,005	24,018	23,555	79	95	6 752	959,959	2 747,287	2,862	2,399
30	46	97 349	46 410,563	1 096 697,447	23,630	23,168	80	96	4 786	663,872	1 787,328	2,692	2,230
31	47	97 183	45 201,097	1 050 286,883	23,236	22,773	81	97	3 257	440,736	1 123,456	2,549	2,087
32	48	97 001	44 016,067	1 005 085,787	22,835	22,372	82	98	2 154	284,389	682,720	2,401	1,938
33	49	96 794	42 851,162	961 069,720	22,428	21,966	83	99	1 365	175,826	398,331	2,265	1,803
34	50	96 564	41 706,347	918 218,558	22,016	21,554	84	100	826	103,757	222,505	2,144	1,682
35	51	96 318	40 585,550	876 512,211	21,597	21,134							
36	52	96 045	39 483,606	835 926,660	21,171	20,709							
37	53	95 749	38 401,733	796 443,054	20,740	20,277							
38	54	95 416	37 334,964	758 041,322	20,304	19,841							
39	55	95 057	36 287,126	720 706,358	19,861	19,399							
40	56	94 652	35 251,140	684 419,232	19,416	18,953							
41	57	94 215	34 232,641	649 168,092	18,963	18,501							
42	58	93 725	33 223,977	614 935,451	18,509	18,046							
43	59	93 201	32 232,694	581 711,474	18,047	17,585							
44	60	92 622	31 250,879	549 478,779	17,583	17,120							
45	61	91 987	30 279,761	518 227,901	17,115	16,652							
46	62	91 301	29 321,000	487 948,140	16,642	16,179							
47	63	90 555	28 372,086	458 627,140	16,165	15,702							
48	64	89 733	27 428,859	430 255,054	15,686	15,224							
49	65	88 835	26 491,896	402 826,195	15,206	14,743							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	3 199 524,871	32,135	31,673	50	67	87 094	25 339,459	363 360,744	14,340	13,877
1	18	99 214	96 794,490	3 099 960,530	32,026	31,564	51	68	86 002	24 411,387	338 021,285	13,847	13,384
2	19	99 174	94 395,502	3 003 166,040	31,815	31,352	52	69	84 820	23 488,627	313 609,898	13,352	12,889
3	20	99 145	92 065,787	2 908 770,537	31,594	31,132	53	70	83 506	22 560,629	290 121,272	12,860	12,397
4	21	99 117	89 794,933	2 816 704,750	31,368	30,906	54	71	82 085	21 635,994	267 560,643	12,366	11,904
5	22	99 089	87 579,944	2 726 909,817	31,136	30,674	55	72	80 546	20 712,429	245 924,649	11,873	11,411
6	23	99 063	85 421,748	2 639 329,874	30,898	30,435	56	73	78 891	19 791,996	225 212,220	11,379	10,917
7	24	99 038	83 317,157	2 553 908,126	30,653	30,190	57	74	77 079	18 865,850	205 420,224	10,888	10,426
8	25	99 012	81 263,780	2 470 590,969	30,402	29,940	58	75	75 142	17 943,115	186 554,374	10,397	9,935
9	26	98 985	79 260,287	2 389 327,188	30,145	29,683	59	76	73 061	17 020,778	168 611,259	9,906	9,444
10	27	98 960	77 307,120	2 310 066,902	29,882	29,419	60	77	70 822	16 096,741	151 590,481	9,417	8,955
11	28	98 932	75 400,146	2 232 759,781	29,612	29,150	61	78	68 466	15 181,755	135 493,740	8,925	8,462
12	29	98 901	73 538,529	2 157 359,635	29,336	28,874	62	79	65 898	14 255,858	120 311,985	8,439	7,977
13	30	98 868	71 720,852	2 083 821,106	29,055	28,592	63	80	63 117	13 321,235	106 056,127	7,961	7,499
14	31	98 831	69 945,276	2 012 100,254	28,767	28,304	64	81	60 103	12 375,631	92 734,892	7,493	7,031
15	32	98 787	68 208,892	1 942 154,979	28,474	28,011	65	82	56 859	11 422,075	80 359,262	7,035	6,573
16	33	98 738	66 512,569	1 873 946,086	28,174	27,712	66	83	53 354	10 456,684	68 937,187	6,593	6,130
17	34	98 681	64 852,751	1 807 433,517	27,870	27,407	67	84	49 562	9 476,632	58 480,502	6,171	5,709
18	35	98 617	63 229,957	1 742 580,766	27,559	27,097	68	85	45 562	8 499,245	49 003,870	5,766	5,303
19	36	98 533	61 635,157	1 679 350,809	27,247	26,784	69	86	41 376	7 530,041	40 504,625	5,379	4,917
20	37	98 446	60 078,933	1 617 715,652	26,927	26,464	70	87	37 049	6 578,220	32 974,584	5,013	4,550
21	38	98 356	58 559,824	1 557 636,718	26,599	26,137	71	88	32 626	5 651,653	26 396,364	4,671	4,208
22	39	98 262	57 076,784	1 499 076,895	26,264	25,802	72	89	28 208	4 767,148	20 744,711	4,352	3,889
23	40	98 157	55 625,107	1 442 000,111	25,924	25,461	73	90	23 929	3 945,319	15 977,562	4,050	3,587
24	41	98 053	54 211,249	1 386 375,004	25,574	25,111	74	91	19 820	3 188,181	12 032,244	3,774	3,312
25	42	97 937	52 826,050	1 332 163,755	25,218	24,756	75	92	16 016	2 513,414	8 844,063	3,519	3,056
26	43	97 814	51 473,282	1 279 337,705	24,854	24,392	76	93	12 561	1 923,069	6 330,649	3,292	2,830
27	44	97 684	50 150,747	1 227 864,423	24,483	24,021	77	94	9 558	1 427,644	4 407,580	3,087	2,625
28	45	97 547	48 859,296	1 177 713,676	24,104	23,642	78	95	7 068	1 030,021	2 979,936	2,893	2,431
29	46	97 397	47 594,308	1 128 854,381	23,718	23,256	79	96	5 035	715,886	1 949,915	2,724	2,261
30	47	97 234	46 355,605	1 081 260,073	23,325	22,863	80	97	3 449	478,444	1 234,029	2,579	2,117
31	48	97 056	45 142,364	1 034 904,468	22,925	22,463	81	98	2 297	310,833	755,585	2,431	1,968
32	49	96 854	43 949,290	989 762,105	22,521	22,058	82	99	1 467	193,662	444,752	2,297	1,834
33	50	96 631	42 778,998	945 812,815	22,109	21,647	83	100	897	115,473	251,090	2,174	1,712
34	51	96 386	41 629,445	903 033,817	21,692	21,230							
35	52	96 118	40 501,274	861 404,373	21,269	20,806							
36	53	95 834	39 396,568	820 903,098	20,837	20,374							
37	54	95 512	38 306,551	781 506,531	20,401	19,939							
38	55	95 154	37 232,133	743 199,980	19,961	19,499							
39	56	94 761	36 174,186	705 967,846	19,516	19,053							
40	57	94 331	35 131,935	669 793,660	19,065	18,603							
41	58	93 861	34 104,053	634 661,725	18,610	18,147							
42	59	93 334	33 085,314	600 557,671	18,152	17,689							
43	60	92 770	32 083,313	567 472,357	17,687	17,225							
44	61	92 147	31 090,661	535 389,044	17,220	16,758							
45	62	91 473	30 110,613	504 298,383	16,748	16,286							
46	63	90 742	29 141,499	474 187,770	16,272	15,809							
47	64	89 943	28 180,285	445 046,271	15,793	15,330							
48	65	89 068	27 225,644	416 865,985	15,312	14,849							
49	66	88 123	26 279,598	389 640,342	14,827	14,364							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	3 182 689,046	31,970	31,508	50	68	86 279	25 102,334	350 019,538	13,944	13,481
1	19	99 198	96 778,779	3 083 137,614	31,858	31,395	51	69	85 125	24 162,294	324 917,204	13,447	12,985
2	20	99 158	94 379,987	2 986 358,835	31,642	31,179	52	70	83 841	23 217,420	300 754,910	12,954	12,491
3	21	99 129	92 050,718	2 891 978,849	31,417	30,955	53	71	82 458	22 277,453	277 537,490	12,458	11,996
4	22	99 100	89 779,686	2 799 928,131	31,187	30,724	54	72	80 951	21 337,104	255 260,037	11,963	11,501
5	23	99 072	87 565,250	2 710 148,445	30,950	30,488	55	73	79 342	20 402,822	233 922,934	11,465	11,003
6	24	99 047	85 407,776	2 622 583,195	30,707	30,244	56	74	77 570	19 460,756	213 520,112	10,972	10,509
7	25	99 022	83 303,471	2 537 175,419	30,457	29,995	57	75	75 677	18 522,640	194 059,355	10,477	10,014
8	26	98 993	81 247,982	2 453 871,948	30,202	29,740	58	76	73 630	17 582,100	175 536,715	9,984	9,521
9	27	98 968	79 246,159	2 372 623,967	29,940	29,478	59	77	71 443	16 643,788	157 954,615	9,490	9,028
10	28	98 939	77 290,906	2 293 377,807	29,672	29,210	60	78	69 127	15 711,410	141 310,827	8,994	8,532
11	29	98 908	75 382,202	2 216 086,902	29,398	28,936	61	79	66 604	14 768,698	125 599,418	8,504	8,042
12	30	98 877	73 520,382	2 140 704,700	29,117	28,655	62	80	63 868	13 816,658	110 880,720	8,022	7,559
13	31	98 840	71 700,570	2 067 184,318	28,831	28,368	63	81	60 892	12 851,508	97 014,062	7,549	7,086
14	32	98 799	69 922,753	1 995 483,748	28,538	28,076	64	82	57 674	11 875,466	84 162,554	7,087	6,625
15	33	98 754	68 185,981	1 925 560,995	28,240	27,777	65	83	54 186	10 885,211	72 287,088	6,641	6,178
16	34	98 704	66 489,274	1 857 375,014	27,935	27,473	66	84	50 409	9 879,518	61 401,876	6,215	5,753
17	35	98 643	64 827,991	1 790 885,740	27,625	27,163	67	85	46 401	8 872,137	51 522,358	5,807	5,345
18	36	98 571	63 200,432	1 726 057,749	27,311	26,848	68	86	42 204	7 872,904	42 650,221	5,417	4,955
19	37	98 486	61 605,766	1 662 857,317	26,992	26,529	69	87	37 847	6 887,891	34 777,317	5,049	4,587
20	38	98 397	60 048,598	1 601 251,550	26,666	26,204	70	88	33 378	5 926,352	27 889,427	4,706	4,244
21	39	98 302	58 527,375	1 541 202,953	26,333	25,871	71	89	28 930	5 011,298	21 963,074	4,383	3,920
22	40	98 198	57 039,647	1 482 675,577	25,994	25,531	72	90	24 575	4 153,110	16 951,776	4,082	3,619
23	41	98 095	55 589,889	1 425 635,930	25,646	25,183	73	91	20 409	3 364,895	12 798,666	3,804	3,341
24	42	97 981	54 171,515	1 370 046,041	25,291	24,828	74	92	16 532	2 659,172	9 433,771	3,548	3,085
25	43	97 858	52 783,427	1 315 874,526	24,930	24,467	75	93	13 006	2 041,028	6 774,599	3,319	2,857
26	44	97 727	51 427,177	1 263 091,098	24,561	24,098	76	94	9 930	1 520,265	4 733,571	3,114	2,651
27	45	97 591	50 103,312	1 211 663,921	24,183	23,721	77	95	7 365	1 100,062	3 213,306	2,921	2,459
28	46	97 442	48 806,740	1 161 560,609	23,799	23,337	78	96	5 271	768,134	2 113,244	2,751	2,289
29	47	97 282	47 537,947	1 112 753,870	23,408	22,945	79	97	3 629	515,930	1 345,109	2,607	2,145
30	48	97 108	46 295,372	1 065 215,923	23,009	22,547	80	98	2 433	337,427	829,180	2,457	1,995
31	49	96 909	45 073,878	1 018 920,551	22,606	22,143	81	99	1 564	211,670	491,752	2,323	1,861
32	50	96 690	43 875,276	973 846,674	22,196	21,733	82	100	963	127,187	280,082	2,202	1,740
33	51	96 453	42 700,118	929 971,397	21,779	21,317							
34	52	96 185	41 543,001	887 271,280	21,358	20,895							
35	53	95 906	40 411,992	845 728,279	20,928	20,465							
36	54	95 596	39 298,920	805 316,287	20,492	20,030							
37	55	95 249	38 201,044	766 017,366	20,052	19,590							
38	56	94 857	37 116,253	727 816,322	19,609	19,147							
39	57	94 441	36 051,860	690 700,069	19,159	18,696							
40	58	93 977	34 999,969	654 648,209	18,704	18,242							
41	59	93 469	33 961,717	619 648,240	18,245	17,783							
42	60	92 901	32 931,982	585 686,522	17,785	17,322							
43	61	92 294	31 918,828	552 754,541	17,318	16,855							
44	62	91 632	30 916,983	520 835,712	16,846	16,384							
45	63	90 913	29 926,278	489 918,729	16,371	15,908							
46	64	90 129	28 944,497	459 992,451	15,892	15,430							
47	65	89 277	27 971,503	431 047,954	15,410	14,948							
48	66	88 355	27 007,466	403 076,451	14,925	14,462							
49	67	87 351	26 049,447	376 068,985	14,437	13,974							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	3 165 178,153	31,800	31,337	50	69	85 399	24 846,191	336 325,550	13,536	13,074
1	20	99 182	96 762,871	3 065 642,880	31,682	31,220	51	70	84 142	23 883,309	311 479,359	13,042	12,579
2	21	99 142	94 364,538	2 968 880,009	31,462	30,999	52	71	82 788	22 926,001	287 596,051	12,545	12,082
3	22	99 112	92 035,088	2 874 515,470	31,233	30,770	53	72	81 318	21 969,701	264 670,050	12,047	11,585
4	23	99 083	89 764,623	2 782 480,383	30,998	30,535	54	73	79 741	21 018,159	242 700,349	11,547	11,085
5	24	99 056	87 550,928	2 692 715,760	30,756	30,294	55	74	78 014	20 061,359	221 682,190	11,050	10,588
6	25	99 031	85 393,746	2 605 164,832	30,508	30,045	56	75	76 159	19 106,724	201 620,831	10,552	10,090
7	26	99 002	83 287,275	2 519 771,086	30,254	29,792	57	76	74 154	18 149,965	182 514,107	10,056	9,593
8	27	98 975	81 233,500	2 436 483,810	29,994	29,531	58	77	71 999	17 192,677	164 364,142	9,560	9,098
9	28	98 947	79 229,538	2 355 250,310	29,727	29,265	59	78	69 733	16 245,361	147 171,465	9,059	8,597
10	29	98 915	77 272,511	2 276 020,773	29,454	28,992	60	79	67 246	15 283,942	130 926,103	8,566	8,104
11	30	98 884	75 363,600	2 198 748,262	29,175	28,713	61	80	64 552	14 313,698	115 642,162	8,079	7,617
12	31	98 849	73 499,592	2 123 384,662	28,890	28,427	62	81	61 616	13 329,462	101 328,464	7,602	7,139
13	32	98 808	71 677,483	2 049 885,070	28,599	28,136	63	82	58 431	12 332,111	87 999,002	7,136	6,673
14	33	98 766	69 899,265	1 978 207,587	28,301	27,838	64	83	54 963	11 317,292	75 666,891	6,686	6,224
15	34	98 719	68 162,100	1 908 308,322	27,997	27,534	65	84	51 195	10 284,393	64 349,599	6,257	5,795
16	35	98 666	66 463,889	1 840 146,222	27,686	27,224	66	85	47 194	9 249,324	54 065,207	5,845	5,383
17	36	98 597	64 797,720	1 773 682,333	27,373	26,910	67	86	42 982	8 218,316	44 815,883	5,453	4,991
18	37	98 524	63 170,295	1 708 884,612	27,052	26,590	68	87	38 605	7 201,515	36 597,567	5,082	4,620
19	38	98 436	61 574,659	1 645 714,318	26,727	26,265	69	88	34 097	6 205,337	29 396,053	4,737	4,275
20	39	98 342	60 015,324	1 584 139,658	26,396	25,933	70	89	29 596	5 254,873	23 190,716	4,413	3,951
21	40	98 238	58 489,295	1 524 124,334	26,058	25,596	71	90	25 203	4 365,812	17 935,843	4,108	3,646
22	41	98 136	57 003,534	1 465 635,039	25,711	25,249	72	91	20 960	3 542,117	13 570,032	3,831	3,369
23	42	98 023	55 549,145	1 408 631,506	25,358	24,896	73	92	17 022	2 806,564	10 027,915	3,573	3,111
24	43	97 902	54 127,807	1 353 082,361	24,998	24,535	74	93	13 424	2 159,391	7 221,351	3,344	2,882
25	44	97 770	52 736,149	1 298 954,554	24,631	24,169	75	94	10 282	1 613,517	5 061,959	3,137	2,675
26	45	97 634	51 378,535	1 246 218,404	24,256	23,793	76	95	7 651	1 171,431	3 448,442	2,944	2,481
27	46	97 486	50 049,417	1 194 839,869	23,873	23,411	77	96	5 492	820,367	2 277,012	2,776	2,313
28	47	97 327	48 748,943	1 144 790,452	23,483	23,021	78	97	3 799	553,585	1 456,644	2,631	2,169
29	48	97 156	47 476,178	1 096 041,509	23,086	22,624	79	98	2 559	363,865	903,060	2,482	2,019
30	49	96 960	46 225,136	1 048 565,331	22,684	22,221	80	99	1 657	229,780	539,195	2,347	1,884
31	50	96 746	44 997,970	1 002 340,195	22,275	21,813	81	100	1 027	139,013	309,415	2,226	1,763
32	51	96 512	43 794,375	957 342,224	21,860	21,398							
33	52	96 253	42 611,451	913 547,850	21,439	20,977							
34	53	95 973	41 451,422	870 936,399	21,011	20,549							
35	54	95 668	40 311,828	829 484,977	20,577	20,114							
36	55	95 333	39 190,680	789 173,149	20,137	19,674							
37	56	94 952	38 082,148	749 982,468	19,694	19,231							
38	57	94 537	36 990,741	711 900,320	19,245	18,783							
39	58	94 086	35 916,439	674 909,579	18,791	18,329							
40	59	93 585	34 853,894	638 993,140	18,333	17,871							
41	60	93 036	33 804,323	604 139,246	17,872	17,409							
42	61	92 425	32 763,146	570 334,923	17,408	16,945							
43	62	91 778	31 740,524	537 571,777	16,936	16,474							
44	63	91 071	30 727,712	505 831,253	16,462	15,999							
45	64	90 299	29 723,971	475 103,541	15,984	15,521							
46	65	89 461	28 730,053	445 379,570	15,502	15,040							
47	66	88 561	27 747,348	416 649,517	15,016	14,553							
48	67	87 581	26 770,941	388 902,169	14,527	14,065							
49	68	86 534	25 805,678	362 131,228	14,033	13,571							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	3 146 988,692	31,622	31,160	50	70	84 413	24 559,309	322 299,939	13,123	12,661
1	21	99 166	96 747,033	3 047 469,780	31,499	31,037	51	71	83 086	23 583,531	297 740,630	12,625	12,163
2	22	99 125	94 348,516	2 950 722,747	31,275	30,812	52	72	81 645	22 609,290	274 157,099	12,126	11,663
3	23	99 095	92 019,646	2 856 374,231	31,041	30,578	53	73	80 103	21 641,300	251 547,810	11,624	11,161
4	24	99 067	89 749,941	2 764 354,585	30,801	30,338	54	74	78 407	20 666,398	229 906,509	11,125	10,662
5	25	99 040	87 536,546	2 674 604,644	30,554	30,092	55	75	76 595	19 696,401	209 240,112	10,623	10,161
6	26	99 011	85 377,145	2 587 068,098	30,302	29,839	56	76	74 627	18 722,297	189 543,711	10,124	9,662
7	27	98 985	83 272,430	2 501 690,953	30,042	29,580	57	77	72 512	17 747,965	170 821,414	9,625	9,162
8	28	98 954	81 216,462	2 418 418,523	29,777	29,315	58	78	70 276	16 781,111	153 073,449	9,122	8,659
9	29	98 923	79 210,682	2 337 202,062	29,506	29,044	59	79	67 836	15 803,366	136 292,338	8,624	8,162
10	30	98 891	77 253,443	2 257 991,380	29,228	28,766	60	80	65 174	14 813,068	120 488,972	8,134	7,672
11	31	98 856	75 342,288	2 180 737,937	28,944	28,482	61	81	62 276	13 808,975	105 675,904	7,653	7,190
12	32	98 817	73 475,924	2 105 395,649	28,654	28,192	62	82	59 126	12 790,748	91 866,928	7,182	6,720
13	33	98 775	71 653,406	2 031 919,724	28,358	27,895	63	83	55 684	11 752,473	79 076,181	6,728	6,266
14	34	98 731	69 874,785	1 960 266,319	28,054	27,592	64	84	51 929	10 692,624	67 323,707	6,296	5,834
15	35	98 681	68 136,076	1 890 391,534	27,744	27,282	65	85	47 930	9 628,372	56 631,083	5,882	5,419
16	36	98 620	66 432,855	1 822 255,458	27,430	26,968	66	86	43 716	8 567,706	47 002,711	5,486	5,024
17	37	98 550	64 766,821	1 755 822,603	27,110	26,647	67	87	39 316	7 517,470	38 435,005	5,113	4,650
18	38	98 474	63 138,398	1 691 055,782	26,783	26,321	68	88	34 780	6 487,882	30 917,535	4,765	4,303
19	39	98 382	61 540,541	1 627 917,384	26,453	25,990	69	89	30 233	5 502,247	24 429,653	4,440	3,978
20	40	98 278	59 976,275	1 566 376,844	26,117	25,654	70	90	25 784	4 578,012	18 927,406	4,134	3,672
21	41	98 175	58 452,264	1 506 400,568	25,771	25,309	71	91	21 496	3 723,526	14 349,393	3,854	3,391
22	42	98 064	56 961,754	1 447 948,305	25,420	24,957	72	92	17 482	2 954,380	10 625,867	3,597	3,134
23	43	97 944	55 504,325	1 390 986,551	25,061	24,598	73	93	13 823	2 279,082	7 671,487	3,366	2,904
24	44	97 815	54 079,325	1 335 482,226	24,695	24,232	74	94	10 613	1 707,088	5 392,405	3,159	2,696
25	45	97 677	52 686,269	1 281 402,901	24,321	23,859	75	95	7 922	1 243,285	3 685,317	2,964	2,502
26	46	97 529	51 323,269	1 228 716,632	23,941	23,478	76	96	5 706	873,590	2 442,032	2,795	2,333
27	47	97 371	49 990,149	1 177 393,363	23,553	23,090	77	97	3 958	591,228	1 568,442	2,653	2,190
28	48	97 201	48 685,600	1 127 403,214	23,157	22,694	78	98	2 679	390,421	977,214	2,503	2,041
29	49	97 008	47 404,151	1 078 717,613	22,756	22,293	79	99	1 743	247,783	586,793	2,368	1,906
30	50	96 797	46 147,290	1 031 313,462	22,348	21,886	80	100	1 088	150,907	339,010	2,246	1,784
31	51	96 568	44 914,999	985 166,172	21,934	21,472							
32	52	96 312	43 703,435	940 251,173	21,514	21,052							
33	53	96 041	42 517,517	896 547,738	21,087	20,624							
34	54	95 736	41 348,682	854 030,221	20,654	20,192							
35	55	95 405	40 200,798	812 681,539	20,216	19,753							
36	56	95 036	39 068,704	772 480,741	19,772	19,310							
37	57	94 631	37 953,370	733 412,037	19,324	18,862							
38	58	94 181	36 851,793	695 458,667	18,872	18,409							
39	59	93 693	35 766,539	658 606,874	18,414	17,952							
40	60	93 151	34 692,365	622 840,335	17,953	17,491							
41	61	92 559	33 631,015	588 147,970	17,488	17,026							
42	62	91 908	32 580,125	554 516,955	17,020	16,558							
43	63	91 217	31 546,211	521 936,830	16,545	16,083							
44	64	90 455	30 519,987	490 390,619	16,068	15,605							
45	65	89 630	29 503,752	459 870,632	15,587	15,124							
46	66	88 744	28 499,819	430 366,880	15,101	14,638							
47	67	87 786	27 504,344	401 867,061	14,611	14,149							
48	68	86 761	26 520,420	374 362,717	14,116	13,654							
49	69	85 651	25 542,358	347 842,297	13,618	13,156							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	3 128 113,928	31,438	30,975	50	71	83 353	24 251,046	307 976,445	12,700	12,237
1	22	99 149	96 730,606	3 028 611,305	31,310	30,847	51	72	81 938	23 257,736	283 725,399	12,199	11,737
2	23	99 108	94 332,686	2 931 880,699	31,080	30,618	52	73	80 424	22 271,328	260 467,662	11,695	11,233
3	24	99 079	92 004,596	2 837 548,013	30,841	30,379	53	74	78 762	21 279,110	238 196,334	11,194	10,731
4	25	99 051	89 735,198	2 745 543,418	30,596	30,134	54	75	76 980	20 290,432	216 917,224	10,691	10,228
5	26	99 020	87 519,527	2 655 808,219	30,345	29,883	55	76	75 054	19 300,109	196 626,791	10,188	9,725
6	27	98 994	85 361,927	2 568 288,692	30,087	29,625	56	77	72 974	18 307,620	177 326,682	9,686	9,224
7	28	98 964	83 254,964	2 482 926,765	29,823	29,361	57	78	70 776	17 323,106	159 019,062	9,180	8,717
8	29	98 931	81 197,136	2 399 671,801	29,554	29,091	58	79	68 364	16 324,539	141 695,956	8,680	8,218
9	30	98 899	79 191,136	2 318 474,668	29,277	28,815	59	80	65 746	15 316,490	125 371,416	8,185	7,723
10	31	98 863	77 231,597	2 239 283,533	28,994	28,532	60	81	62 876	14 290,737	110 054,926	7,701	7,239
11	32	98 824	75 318,028	2 162 051,936	28,706	28,243	61	82	59 759	13 250,882	95 764,189	7,227	6,765
12	33	98 784	73 451,243	2 086 733,908	28,410	27,947	62	83	56 347	12 189,553	82 513,308	6,769	6,307
13	34	98 740	71 628,311	2 013 282,665	28,107	27,645	63	84	52 611	11 103,786	70 323,755	6,333	5,871
14	35	98 694	69 848,107	1 941 654,354	27,798	27,336	64	85	48 617	10 010,563	59 219,969	5,916	5,453
15	36	98 635	68 104,261	1 871 806,247	27,484	27,022	65	86	44 398	8 918,821	49 209,406	5,517	5,055
16	37	98 573	66 401,176	1 803 701,987	27,164	26,701	66	87	39 988	7 837,065	40 290,585	5,141	4,679
17	38	98 501	64 734,118	1 737 300,811	26,837	26,375	67	88	35 420	6 772,528	32 453,520	4,792	4,330
18	39	98 420	63 103,412	1 672 566,693	26,505	26,043	68	89	30 839	5 752,779	25 680,992	4,464	4,002
19	40	98 318	61 500,499	1 609 463,280	26,170	25,708	69	90	26 339	4 793,523	19 928,213	4,157	3,695
20	41	98 216	59 938,303	1 547 962,781	25,826	25,364	70	91	21 991	3 904,509	15 134,690	3,876	3,414
21	42	98 103	58 409,421	1 488 024,478	25,476	25,013	71	92	17 929	3 105,688	11 230,181	3,616	3,154
22	43	97 985	56 915,794	1 429 615,057	25,118	24,656	72	93	14 196	2 399,117	8 124,493	3,386	2,924
23	44	97 856	55 454,610	1 372 699,263	24,754	24,291	73	94	10 928	1 801,709	5 725,376	3,178	2,715
24	45	97 722	54 028,174	1 317 244,653	24,381	23,918	74	95	8 177	1 315,386	3 923,667	2,983	2,520
25	46	97 572	52 629,596	1 263 216,479	24,002	23,540	75	96	5 908	927,175	2 608,282	2,813	2,351
26	47	97 414	51 262,493	1 210 586,882	23,615	23,153	76	97	4 112	629,585	1 681,107	2,670	2,208
27	48	97 244	49 925,194	1 159 324,390	23,221	22,759	77	98	2 792	416,969	1 051,521	2,522	2,059
28	49	97 053	48 611,739	1 109 399,196	22,822	22,359	78	99	1 824	265,867	634,552	2,387	1,924
29	50	96 845	47 324,319	1 060 787,457	22,415	21,953	79	100	1 145	162,730	368,685	2,266	1,803
30	51	96 619	46 062,199	1 013 463,138	22,002	21,540							
31	52	96 367	44 821,733	967 400,938	21,583	21,121							
32	53	96 099	43 607,094	922 579,206	21,157	20,694							
33	54	95 803	42 412,134	878 972,112	20,725	20,262							
34	55	95 472	41 234,796	836 559,977	20,288	19,825							
35	56	95 108	40 075,678	795 325,181	19,846	19,383							
36	57	94 715	38 936,590	755 249,503	19,397	18,934							
37	58	94 276	37 810,806	716 312,914	18,945	18,482							
38	59	93 788	36 697,989	678 502,107	18,489	18,026							
39	60	93 259	35 600,780	641 804,118	18,028	17,565							
40	61	92 674	34 514,504	606 203,338	17,564	17,101							
41	62	92 042	33 443,146	571 688,834	17,094	16,632							
42	63	91 346	32 380,672	538 245,688	16,622	16,160							
43	64	90 600	31 332,953	505 865,016	16,145	15,682							
44	65	89 785	30 293,871	474 532,063	15,664	15,202							
45	66	88 911	29 267,318	444 238,192	15,179	14,716							
46	67	87 967	28 250,225	414 970,874	14,689	14,227							
47	68	86 964	27 246,960	386 720,650	14,193	13,731							
48	69	85 876	26 249,807	359 473,690	13,694	13,232							
49	70	84 662	25 247,438	333 223,883	13,198	12,736							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	3 108 546,648	31,246	30,784	50	72	82 202	23 916,031	293 380,066	12,267	11,805
1	23	99 132	96 714,377	3 009 060,921	31,113	30,650	51	73	80 713	22 910,082	269 464,035	11,762	11,299
2	24	99 092	94 317,257	2 912 346,544	30,878	30,416	52	74	79 078	21 898,594	246 553,953	11,259	10,796
3	25	99 063	91 989,482	2 818 029,287	30,634	30,172	53	75	77 329	20 891,998	224 655,359	10,753	10,291
4	26	99 032	89 717,752	2 726 039,805	30,385	29,922	54	76	75 432	19 882,189	203 763,361	10,249	9,786
5	27	99 003	87 503,928	2 636 322,053	30,128	29,666	55	77	73 391	18 872,635	183 881,172	9,743	9,281
6	28	98 973	85 344,023	2 548 818,125	29,865	29,403	56	78	71 227	17 869,364	165 008,537	9,234	8,772
7	29	98 940	83 235,150	2 463 474,102	29,597	29,134	57	79	68 850	16 851,788	147 139,172	8,731	8,269
8	30	98 906	81 177,096	2 380 238,952	29,322	28,859	58	80	66 257	15 821,607	130 287,385	8,235	7,772
9	31	98 871	79 168,741	2 299 061,856	29,040	28,578	59	81	63 427	14 776,407	114 465,778	7,747	7,284
10	32	98 831	77 206,728	2 219 893,114	28,753	28,290	60	82	60 335	13 713,173	99 689,371	7,270	6,807
11	33	98 791	75 292,728	2 142 686,386	28,458	27,996	61	83	56 950	12 628,060	85 976,198	6,808	6,346
12	34	98 749	73 425,519	2 067 393,659	28,156	27,694	62	84	53 236	11 516,740	73 348,138	6,369	5,906
13	35	98 703	71 600,963	1 993 968,140	27,848	27,386	63	85	49 255	10 395,497	61 831,398	5,948	5,485
14	36	98 647	69 815,492	1 922 367,177	27,535	27,073	64	86	45 034	9 272,847	51 435,901	5,547	5,085
15	37	98 588	68 071,785	1 852 551,684	27,215	26,752	65	87	40 611	8 158,237	42 163,054	5,168	4,706
16	38	98 523	66 367,648	1 784 479,899	26,888	26,425	66	88	36 025	7 060,453	34 004,817	4,816	4,354
17	39	98 446	64 698,249	1 718 112,252	26,556	26,093	67	89	31 407	6 005,173	26 944,363	4,487	4,024
18	40	98 356	63 062,354	1 653 414,003	26,219	25,756	68	90	26 867	5 011,785	20 939,190	4,178	3,716
19	41	98 256	61 461,562	1 590 351,649	25,876	25,413	69	91	22 464	4 088,314	15 927,405	3,896	3,433
20	42	98 144	59 894,372	1 528 890,087	25,526	25,064	70	92	18 342	3 256,641	11 839,091	3,635	3,173
21	43	98 024	58 362,294	1 468 995,716	25,170	24,708	71	93	14 559	2 521,987	8 582,450	3,403	2,941
22	44	97 897	56 864,815	1 410 633,422	24,807	24,344	72	94	11 223	1 896,601	6 060,463	3,195	2,733
23	45	97 763	55 402,158	1 353 768,607	24,435	23,973	73	95	8 420	1 388,295	4 163,862	2,999	2,537
24	46	97 617	53 970,058	1 298 366,449	24,057	23,595	74	96	6 098	980,944	2 775,567	2,829	2,367
25	47	97 457	52 567,273	1 244 396,391	23,672	23,210	75	97	4 258	668,203	1 794,623	2,686	2,223
26	48	97 287	51 195,884	1 191 829,118	23,280	22,817	76	98	2 900	444,021	1 126,420	2,537	2,074
27	49	97 097	49 849,452	1 140 633,234	22,882	22,419	77	99	1 901	283,946	682,399	2,403	1,941
28	50	96 890	48 529,874	1 090 783,783	22,477	22,014	78	100	1 198	174,607	398,453	2,282	1,820
29	51	96 666	47 237,058	1 042 253,909	22,064	21,602							
30	52	96 418	45 966,551	995 016,851	21,647	21,184							
31	53	96 155	44 722,927	949 050,300	21,221	20,758							
32	54	95 861	43 499,011	904 327,374	20,790	20,327							
33	55	95 539	42 295,319	860 828,363	20,353	19,890							
34	56	95 175	41 106,458	818 533,043	19,913	19,450							
35	57	94 786	39 940,159	777 426,586	19,465	19,002							
36	58	94 359	38 790,332	737 486,427	19,012	18,550							
37	59	93 882	37 653,000	698 696,094	18,556	18,094							
38	60	93 354	36 527,914	661 043,094	18,097	17,635							
39	61	92 781	35 418,262	624 515,181	17,633	17,170							
40	62	92 156	34 321,700	589 096,919	17,164	16,702							
41	63	91 478	33 238,410	554 775,219	16,691	16,228							
42	64	90 728	32 161,773	521 536,809	16,216	15,754							
43	65	89 929	31 100,813	489 375,036	15,735	15,273							
44	66	89 066	30 051,105	458 274,223	15,250	14,787							
45	67	88 133	29 011,002	428 223,118	14,761	14,298							
46	68	87 144	27 985,861	399 212,116	14,265	13,802							
47	69	86 077	26 968,933	371 226,256	13,765	13,303							
48	70	84 884	25 946,719	344 257,323	13,268	12,805							
49	71	83 599	24 930,538	318 310,604	12,768	12,305							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	3 088 280,137	31,048	30,585	50	73	80 973	23 558,536	278 541,957	11,823	11,361
1	24	99 116	96 698,558	2 988 811,101	30,909	30,446	51	74	79 362	22 526,658	254 983,420	11,319	10,857
2	25	99 076	94 301,764	2 892 112,543	30,669	30,206	52	75	77 640	21 500,212	232 456,762	10,812	10,349
3	26	99 043	91 971,598	2 797 810,779	30,420	29,958	53	76	75 774	20 471,652	210 956,550	10,305	9,842
4	27	99 014	89 701,761	2 705 839,181	30,165	29,702	54	77	73 761	19 441,822	190 484,898	9,798	9,335
5	28	98 982	87 485,574	2 616 137,420	29,904	29,441	55	78	71 635	18 420,853	171 043,076	9,285	8,823
6	29	98 949	85 323,712	2 528 651,846	29,636	29,174	56	79	69 289	17 383,184	152 622,223	8,780	8,317
7	30	98 916	83 214,611	2 443 328,134	29,362	28,899	57	80	66 729	16 332,611	135 239,039	8,280	7,818
8	31	98 878	81 154,141	2 360 113,523	29,082	28,619	58	81	63 921	15 263,713	118 906,428	7,790	7,328
9	32	98 839	79 143,249	2 278 959,383	28,795	28,333	59	82	60 864	14 179,214	103 642,715	7,309	6,847
10	33	98 798	77 180,793	2 199 816,134	28,502	28,040	60	83	57 499	13 068,622	89 463,500	6,846	6,383
11	34	98 756	75 266,358	2 122 635,341	28,202	27,739	61	84	53 806	11 931,043	76 394,878	6,403	5,941
12	35	98 711	73 397,485	2 047 368,982	27,894	27,432	62	85	49 841	10 782,110	64 463,835	5,979	5,516
13	36	98 657	71 567,530	1 973 971,497	27,582	27,120	63	86	45 625	9 629,414	53 681,725	5,575	5,112
14	37	98 600	69 782,200	1 902 403,967	27,262	26,800	64	87	41 194	8 482,072	44 052,310	5,194	4,731
15	38	98 538	68 037,413	1 832 621,767	26,936	26,473	65	88	36 587	7 349,799	35 570,238	4,840	4,377
16	39	98 469	66 330,873	1 764 584,353	26,603	26,140	66	89	31 943	6 260,475	28 220,439	4,508	4,045
17	40	98 382	64 656,153	1 698 253,481	26,266	25,804	67	90	27 361	5 231,670	21 959,964	4,198	3,735
18	41	98 293	63 022,428	1 633 597,328	25,921	25,458	68	91	22 914	4 274,466	16 728,295	3,914	3,451
19	42	98 184	61 416,514	1 570 574,900	25,573	25,110	69	92	18 737	3 409,948	12 453,829	3,652	3,190
20	43	98 065	59 846,046	1 509 158,386	25,217	24,755	70	93	14 894	2 644,569	9 043,881	3,420	2,957
21	44	97 936	58 310,019	1 449 312,340	24,855	24,393	71	94	11 510	1 993,735	6 399,312	3,210	2,747
22	45	97 804	56 811,029	1 391 002,321	24,485	24,022	72	95	8 648	1 461,413	4 405,577	3,015	2,552
23	46	97 658	55 342,564	1 334 191,292	24,108	23,645	73	96	6 279	1 035,316	2 944,164	2,844	2,381
24	47	97 501	53 906,147	1 278 848,728	23,724	23,261	74	97	4 395	706,954	1 908,848	2,700	2,238
25	48	97 330	52 498,969	1 224 942,581	23,333	22,870	75	98	3 003	471,257	1 201,894	2,550	2,088
26	49	97 140	51 118,214	1 172 443,612	22,936	22,474	76	99	1 975	302,368	730,637	2,416	1,954
27	50	96 933	49 765,502	1 121 325,398	22,532	22,070	77	100	1 248	186,480	428,270	2,297	1,834
28	51	96 711	48 440,389	1 071 559,896	22,121	21,659							
29	52	96 466	47 138,970	1 023 119,507	21,704	21,242							
30	53	96 205	45 865,221	975 980,537	21,279	20,817							
31	54	95 916	44 612,077	930 115,316	20,849	20,387							
32	55	95 597	43 379,203	885 503,238	20,413	19,951							
33	56	95 241	42 163,680	842 124,036	19,973	19,510							
34	57	94 853	40 967,453	799 960,355	19,527	19,064							
35	58	94 430	39 790,132	758 992,903	19,075	18,612							
36	59	93 965	38 628,438	719 202,771	18,618	18,156							
37	60	93 447	37 478,498	680 574,333	18,159	17,697							
38	61	92 875	36 340,642	643 095,834	17,696	17,234							
39	62	92 262	35 220,409	606 755,192	17,227	16,765							
40	63	91 592	34 111,585	571 534,783	16,755	16,292							
41	64	90 860	33 013,712	537 423,198	16,279	15,816							
42	65	90 056	31 923,493	504 409,486	15,801	15,338							
43	66	89 208	30 851,581	472 485,993	15,315	14,852							
44	67	88 286	29 787,924	441 634,412	14,826	14,364							
45	68	87 308	28 739,519	411 846,488	14,330	13,868							
46	69	86 255	27 700,294	383 106,969	13,830	13,368							
47	70	85 083	26 657,541	355 406,675	13,332	12,870							
48	71	83 819	25 621,041	328 749,134	12,831	12,369							
49	72	82 444	24 586,136	303 128,092	12,329	11,867							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	3 067 306,658	30,842	30,379	50	74	79 618	23 164,259	263 489,676	11,375	10,912
1	25	99 100	96 682,673	2 967 853,891	30,697	30,234	51	75	77 918	22 116,850	240 325,417	10,866	10,404
2	26	99 057	94 283,430	2 871 171,218	30,453	29,990	52	76	76 078	21 067,628	218 208,567	10,358	9,895
3	27	99 026	91 955,205	2 776 887,788	30,198	29,736	53	77	74 095	20 018,229	197 140,938	9,848	9,386
4	28	98 993	89 682,946	2 684 932,582	29,938	29,476	54	78	71 995	18 976,415	177 122,709	9,334	8,871
5	29	98 958	87 464,753	2 595 249,636	29,672	29,210	55	79	69 686	17 919,668	158 146,294	8,825	8,363
6	30	98 925	85 302,657	2 507 784,883	29,399	28,936	56	80	67 155	16 847,636	140 226,626	8,323	7,861
7	31	98 888	83 191,079	2 422 482,226	29,119	28,657	57	81	64 376	15 756,699	123 378,990	7,830	7,368
8	32	98 847	81 128,009	2 339 291,147	28,835	28,373	58	82	61 338	14 646,826	107 622,291	7,348	6,885
9	33	98 806	79 116,664	2 258 163,139	28,542	28,080	59	83	58 003	13 512,759	92 975,466	6,881	6,418
10	34	98 763	77 153,763	2 179 046,475	28,243	27,780	60	84	54 325	12 347,288	79 462,707	6,436	5,973
11	35	98 718	75 237,622	2 101 892,712	27,937	27,474	61	85	50 374	11 169,986	67 115,418	6,009	5,546
12	36	98 665	73 363,213	2 026 655,090	27,625	27,163	62	86	46 168	9 987,536	55 945,433	5,602	5,139
13	37	98 610	71 533,403	1 953 291,877	27,306	26,844	63	87	41 734	8 808,232	45 957,896	5,218	4,755
14	38	98 551	69 746,965	1 881 758,474	26,980	26,517	64	88	37 111	7 641,543	37 149,664	4,862	4,399
15	39	98 484	67 999,713	1 812 011,509	26,647	26,185	65	89	32 442	6 517,037	29 508,121	4,528	4,065
16	40	98 404	66 287,115	1 744 011,796	26,310	25,847	66	90	27 829	5 454,087	22 991,084	4,215	3,753
17	41	98 320	64 615,217	1 677 724,081	25,965	25,502	67	91	23 336	4 462,002	17 536,997	3,930	3,468
18	42	98 221	62 976,236	1 613 108,864	25,615	25,152	68	92	19 112	3 565,212	13 074,995	3,667	3,205
19	43	98 104	61 366,960	1 550 132,628	25,260	24,798	69	93	15 215	2 769,062	9 509,784	3,434	2,972
20	44	97 977	59 792,442	1 488 765,668	24,899	24,436	70	94	11 775	2 090,641	6 740,721	3,224	2,762
21	45	97 844	58 254,866	1 428 973,226	24,530	24,067	71	95	8 869	1 536,260	4 650,081	3,027	2,564
22	46	97 699	56 749,920	1 370 718,360	24,154	23,691	72	96	6 449	1 089,844	3 113,821	2,857	2,395
23	47	97 542	55 277,028	1 313 968,440	23,771	23,308	73	97	4 525	746,139	2 023,977	2,713	2,250
24	48	97 375	53 836,103	1 258 691,412	23,380	22,918	74	98	3 100	498,586	1 277,839	2,563	2,101
25	49	97 182	52 419,322	1 204 855,309	22,985	22,523	75	99	2 045	320,915	779,253	2,428	1,966
26	50	96 976	51 032,128	1 152 435,986	22,583	22,120	76	100	1 297	198,578	458,338	2,308	1,846
27	51	96 755	49 673,739	1 101 403,859	22,173	21,710							
28	52	96 510	48 339,803	1 051 730,119	21,757	21,295							
29	53	96 253	47 035,056	1 003 390,317	21,333	20,870							
30	54	95 967	45 751,541	956 355,261	20,903	20,441							
31	55	95 652	44 489,203	910 603,720	20,468	20,006							
32	56	95 300	43 244,190	866 114,517	20,028	19,566							
33	57	94 919	42 021,100	822 870,327	19,582	19,120							
34	58	94 497	40 813,567	780 849,227	19,132	18,670							
35	59	94 036	39 624,065	740 035,660	18,676	18,214							
36	60	93 530	38 449,416	700 411,595	18,216	17,754							
37	61	92 968	37 286,353	661 962,179	17,753	17,291							
38	62	92 356	36 137,637	624 675,825	17,286	16,824							
39	63	91 698	35 004,793	588 538,189	16,813	16,351							
40	64	90 973	33 880,985	553 533,396	16,338	15,875							
41	65	90 187	32 769,120	519 652,411	15,858	15,396							
42	66	89 334	31 667,667	486 883,291	15,375	14,912							
43	67	88 427	30 581,390	455 215,624	14,885	14,423							
44	68	87 460	29 509,171	424 634,234	14,390	13,927							
45	69	86 417	28 446,262	395 125,063	13,890	13,428							
46	70	85 259	27 380,458	366 678,801	13,392	12,930							
47	71	84 015	26 322,942	339 298,343	12,890	12,427							
48	72	82 661	25 267,100	312 975,401	12,387	11,924							
49	73	81 212	24 218,625	287 708,301	11,880	11,417							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	3 045 618,030	30,629	30,166	50	75	78 170	22 742,853	248 266,179	10,916	10,454
1	26	99 080	96 663,877	2 946 181,600	30,479	30,016	51	76	76 351	21 671,860	225 523,327	10,406	9,944
2	27	99 039	94 266,625	2 849 517,723	30,228	29,766	52	77	74 393	20 601,005	203 851,467	9,895	9,433
3	28	99 005	91 935,918	2 755 251,098	29,969	29,507	53	78	72 322	19 539,024	183 250,462	9,379	8,916
4	29	98 970	89 661,603	2 663 315,180	29,704	29,242	54	79	70 036	18 460,115	163 711,438	8,868	8,406
5	30	98 934	87 443,170	2 573 653,577	29,432	28,970	55	80	67 539	17 367,592	145 251,324	8,363	7,901
6	31	98 897	85 278,534	2 486 210,407	29,154	28,692	56	81	64 787	16 253,563	127 883,732	7,868	7,406
7	32	98 856	83 164,291	2 400 931,873	28,870	28,407	57	82	61 774	15 119,887	111 630,169	7,383	6,921
8	33	98 813	81 100,757	2 317 767,582	28,579	28,116	58	83	58 455	13 958,391	96 510,281	6,914	6,452
9	34	98 771	79 088,955	2 236 666,825	28,280	27,818	59	84	54 802	12 766,910	82 551,890	6,466	6,004
10	35	98 726	77 124,306	2 157 577,870	27,975	27,513	60	85	50 860	11 559,679	69 784,980	6,037	5,575
11	36	98 672	75 202,491	2 080 453,564	27,665	27,202	61	86	46 662	10 346,828	58 225,300	5,627	5,165
12	37	98 618	73 328,229	2 005 251,073	27,346	26,884	62	87	42 231	9 135,814	47 878,473	5,241	4,778
13	38	98 560	71 497,283	1 931 922,844	27,021	26,559	63	88	37 599	7 935,382	38 742,659	4,882	4,420
14	39	98 496	69 708,318	1 860 425,561	26,689	26,226	64	89	32 907	6 775,726	30 807,276	4,547	4,084
15	40	98 420	67 955,469	1 790 717,243	26,351	25,889	65	90	28 263	5 677,602	24 031,551	4,233	3,770
16	41	98 342	66 245,746	1 722 761,773	26,006	25,543	66	91	23 735	4 651,698	18 353,949	3,946	3,483
17	42	98 248	64 567,858	1 656 516,027	25,655	25,193	67	92	19 464	3 721,630	13 702,251	3,682	3,219
18	43	98 142	62 925,424	1 591 948,169	25,299	24,837	68	93	15 520	2 895,145	9 980,621	3,447	2,985
19	44	98 016	61 311,994	1 529 022,745	24,938	24,476	69	94	12 028	2 189,058	7 085,476	3,237	2,774
20	45	97 884	59 735,887	1 467 710,752	24,570	24,108	70	95	9 073	1 610,930	4 896,418	3,039	2,577
21	46	97 739	58 192,204	1 407 974,865	24,195	23,733	71	96	6 614	1 145,660	3 285,488	2,868	2,405
22	47	97 583	56 682,717	1 349 782,661	23,813	23,351	72	97	4 648	785,436	2 139,828	2,724	2,262
23	48	97 416	55 205,203	1 293 099,944	23,424	22,961	73	98	3 192	526,222	1 354,392	2,574	2,111
24	49	97 227	53 754,428	1 237 894,741	23,029	22,566	74	99	2 111	339,525	828,170	2,439	1,977
25	50	97 019	52 331,044	1 184 140,313	22,628	22,165	75	100	1 343	210,759	488,645	2,319	1,856
26	51	96 797	50 938,029	1 131 809,268	22,219	21,757							
27	52	96 554	49 570,592	1 080 871,239	21,805	21,342							
28	53	96 297	48 233,241	1 031 300,647	21,382	20,919							
29	54	96 014	46 918,476	983 067,406	20,953	20,490							
30	55	95 703	45 625,528	936 148,930	20,518	20,056							
31	56	95 354	44 350,736	890 523,402	20,079	19,617							
32	57	94 977	43 097,956	846 172,666	19,634	19,171							
33	58	94 563	41 863,257	803 074,710	19,183	18,721							
34	59	94 102	40 643,229	761 211,453	18,729	18,267							
35	60	93 600	39 440,429	720 568,224	18,270	17,807							
36	61	93 050	38 252,293	681 127,796	17,806	17,344							
37	62	92 449	37 078,065	642 875,503	17,338	16,876							
38	63	91 791	35 916,405	605 797,438	16,867	16,404							
39	64	91 078	34 768,154	569 881,033	16,391	15,928							
40	65	90 299	33 629,967	535 112,879	15,912	15,449							
41	66	89 464	32 506,518	501 482,911	15,427	14,965							
42	67	88 552	31 390,330	468 976,393	14,940	14,478							
43	68	87 599	30 295,211	437 586,063	14,444	13,982							
44	69	86 567	29 208,060	407 290,852	13,944	13,482							
45	70	85 419	28 117,813	378 082,792	13,446	12,984							
46	71	84 189	27 036,785	349 964,979	12,944	12,482							
47	72	82 854	25 959,304	322 928,194	12,440	11,977							
48	73	81 425	24 889,410	296 968,890	11,932	11,469							
49	74	79 853	23 813,301	272 079,480	11,426	10,963							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	27 452,549	529 473,286	19,287	18,824
1	0	99 661	97 230,636	3 295 615,729	33,895	33,432	51	50	93 896	26 651,952	502 020,737	18,836	18,374
2	1	99 349	94 561,978	3 198 385,093	33,823	33,361	52	51	93 387	25 861,098	475 368,785	18,382	17,919
3	2	99 314	92 222,800	3 103 823,115	33,656	33,193	53	52	92 821	25 077,338	449 507,687	17,925	17,462
4	3	99 289	89 950,977	3 011 600,314	33,480	33,018	54	53	92 198	24 301,570	424 430,348	17,465	17,003
5	4	99 268	87 738,289	2 921 649,337	33,300	32,837	55	54	91 509	23 531,637	400 128,779	17,004	16,541
6	5	99 250	85 582,673	2 833 911,048	33,113	32,651	56	55	90 738	22 764,267	376 597,142	16,543	16,081
7	6	99 234	83 482,100	2 748 328,375	32,921	32,459	57	56	89 883	21 999,689	353 832,875	16,084	15,621
8	7	99 217	81 432,090	2 664 846,275	32,725	32,262	58	57	88 946	21 239,310	331 833,186	15,624	15,161
9	8	99 205	79 436,107	2 583 414,185	32,522	32,059	59	58	87 927	20 483,995	310 593,876	15,163	14,700
10	9	99 190	77 486,836	2 503 978,078	32,315	31,852	60	59	86 799	19 728,046	290 109,882	14,705	14,243
11	10	99 177	75 587,266	2 426 491,242	32,102	31,639	61	60	85 572	18 974,638	270 381,835	14,250	13,787
12	11	99 165	73 734,478	2 350 903,977	31,883	31,421	62	61	84 231	18 221,846	251 407,197	13,797	13,335
13	12	99 148	71 924,176	2 277 169,499	31,661	31,198	63	62	82 776	17 470,327	233 185,351	13,348	12,885
14	13	99 133	70 158,973	2 205 245,323	31,432	30,970	64	63	81 204	16 720,427	215 715,024	12,901	12,439
15	14	99 113	68 433,913	2 135 086,350	31,199	30,737	65	64	79 515	15 973,344	198 994,597	12,458	11,995
16	15	99 088	66 748,259	2 066 652,437	30,962	30,499	66	65	77 714	15 230,824	183 021,253	12,017	11,554
17	16	99 054	65 097,824	1 999 904,178	30,722	30,259	67	66	75 796	14 492,634	167 790,429	11,578	11,115
18	17	99 015	63 485,021	1 934 806,354	30,477	30,014	68	67	73 774	13 761,927	153 297,795	11,139	10,677
19	18	98 964	61 904,671	1 871 321,334	30,229	29,767	69	68	71 648	13 039,425	139 535,868	10,701	10,239
20	19	98 908	60 360,630	1 809 416,663	29,977	29,514	70	69	69 422	12 326,116	126 496,443	10,262	9,800
21	20	98 851	58 854,445	1 749 056,032	29,718	29,256	71	70	67 076	11 619,050	114 170,327	9,826	9,364
22	21	98 795	57 386,353	1 690 201,587	29,453	28,991	72	71	64 582	10 914,237	102 551,277	9,396	8,934
23	22	98 737	55 953,712	1 632 815,235	29,182	28,719	73	72	62 016	10 224,938	91 637,040	8,962	8,500
24	23	98 678	54 556,894	1 576 861,523	28,903	28,441	74	73	59 328	9 543,139	81 412,102	8,531	8,069
25	24	98 617	53 193,156	1 522 304,629	28,618	28,156	75	74	56 516	8 869,088	71 868,963	8,103	7,641
26	25	98 557	51 864,319	1 469 111,473	28,326	27,864	76	75	53 588	8 204,486	62 999,874	7,679	7,216
27	26	98 495	50 567,205	1 417 247,154	28,027	27,565	77	76	50 543	7 549,617	54 795,388	7,258	6,796
28	27	98 433	49 302,882	1 366 679,949	27,720	27,258	78	77	47 434	6 912,363	47 245,771	6,835	6,373
29	28	98 367	48 068,041	1 317 377,067	27,407	26,944	79	78	44 228	6 287,970	40 333,409	6,414	5,952
30	29	98 295	46 861,359	1 269 309,026	27,086	26,624	80	79	40 896	5 672,457	34 045,439	6,002	5,539
31	30	98 219	45 682,980	1 222 447,666	26,759	26,297	81	80	37 425	5 064,396	28 372,982	5,602	5,140
32	31	98 135	44 530,598	1 176 764,687	26,426	25,964	82	81	33 859	4 470,161	23 308,585	5,214	4,752
33	32	98 043	43 403,965	1 132 234,089	26,086	25,624	83	82	30 236	3 894,443	18 838,424	4,837	4,375
34	33	97 941	42 301,429	1 088 830,124	25,740	25,277	84	83	26 539	3 334,828	14 943,981	4,481	4,019
35	34	97 838	41 226,241	1 046 528,695	25,385	24,923	85	84	22 828	2 798,552	11 609,152	4,148	3,686
36	35	97 727	40 175,012	1 005 302,454	25,023	24,561	86	85	19 194	2 295,640	8 810,600	3,838	3,376
37	36	97 595	39 142,235	965 127,441	24,657	24,195	87	86	15 740	1 836,702	6 514,960	3,547	3,085
38	37	97 451	38 131,260	925 985,207	24,284	23,822	88	87	12 540	1 427,598	4 678,258	3,277	2,815
39	38	97 303	37 144,666	887 853,947	23,903	23,440	89	88	9 640	1 070,648	3 250,660	3,036	2,574
40	39	97 137	36 176,799	850 709,280	23,515	23,053	90	89	7 136	773,190	2 180,012	2,820	2,357
41	40	96 954	35 227,823	814 532,481	23,122	22,659	91	90	5 077	536,653	1 406,822	2,621	2,159
42	41	96 752	34 297,019	779 304,657	22,722	22,260	92	91	3 461	356,926	870,169	2,438	1,976
43	42	96 544	33 388,684	745 007,638	22,313	21,851	93	92	2 240	225,400	513,243	2,277	1,815
44	43	96 312	32 496,139	711 618,954	21,899	21,436	94	93	1 374	134,832	287,843	2,135	1,672
45	44	96 059	31 620,234	679 122,815	21,477	21,015	95	94	793	75,923	153,011	2,015	1,553
46	45	95 788	30 761,909	647 502,581	21,049	20,586	96	95	433	40,471	77,088	1,905	1,442
47	46	95 488	29 917,497	616 740,672	20,615	20,152	97	96	221	20,183	36,617	1,814	1,352
48	47	95 152	29 085,265	586 823,175	20,176	19,714	98	97	106	9,466	16,434	1,736	1,274
49	48	94 779	28 264,625	557 737,910	19,733	19,270	99	98	49	4,220	6,968	1,651	1,189
							100	99	21	1,736	2,747	1,582	1,120

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	27 494,261	534 451,610	19,439	18,976
1							51	49	94 054	26 696,911	506 957,349	18,989	18,527
2	0	99 637	94 836,232	3 204 279,059	33,787	33,325	52	50	93 560	25 908,871	480 260,438	18,537	18,074
3	1	99 336	92 243,317	3 109 442,827	33,709	33,247	53	51	93 014	25 129,520	454 351,567	18,080	17,618
4	2	99 302	89 962,798	3 017 199,510	33,538	33,076	54	52	92 402	24 355,259	429 222,047	17,623	17,161
5	3	99 278	87 747,038	2 927 236,712	33,360	32,898	55	53	91 737	23 590,107	404 866,788	17,163	16,700
6	4	99 259	85 590,552	2 839 489,674	33,175	32,713	56	54	90 989	22 827,139	381 276,681	16,703	16,240
7	5	99 241	83 487,772	2 753 899,123	32,986	32,523	57	55	90 163	22 068,374	358 449,542	16,243	15,780
8	6	99 224	81 438,036	2 670 411,350	32,791	32,328	58	56	89 247	21 311,376	336 381,168	15,784	15,322
9	7	99 210	79 439,891	2 588 973,314	32,590	32,128	59	57	88 259	20 561,228	315 069,792	15,323	14,861
10	8	99 197	77 492,420	2 509 533,424	32,384	31,922	60	58	87 163	19 810,728	294 508,563	14,866	14,404
11	9	99 182	75 591,283	2 432 041,003	32,174	31,711	61	59	85 970	19 062,985	274 697,836	14,410	13,948
12	10	99 170	73 738,577	2 356 449,720	31,957	31,494	62	60	84 665	18 315,748	255 634,851	13,957	13,495
13	11	99 156	71 929,708	2 282 711,142	31,735	31,273	63	61	83 241	17 568,467	237 319,103	13,508	13,046
14	12	99 139	70 163,407	2 210 781,435	31,509	31,047	64	62	81 704	16 823,419	219 750,636	13,062	12,600
15	13	99 121	68 439,323	2 140 618,027	31,278	30,815	65	63	80 056	16 082,062	202 927,217	12,618	12,156
16	14	99 097	66 754,417	2 072 178,705	31,042	30,579	66	64	78 294	15 344,508	186 845,155	12,177	11,714
17	15	99 066	65 105,361	2 005 424,288	30,803	30,340	67	65	76 408	14 609,712	171 500,646	11,739	11,276
18	16	99 028	63 493,138	1 940 318,927	30,560	30,097	68	66	74 426	13 883,516	156 890,935	11,301	10,838
19	17	98 977	61 912,698	1 876 825,789	30,314	29,852	69	67	72 325	13 162,599	143 007,419	10,865	10,402
20	18	98 924	60 370,430	1 814 913,092	30,063	29,601	70	68	70 138	12 453,188	129 844,820	10,427	9,964
21	19	98 867	58 864,120	1 754 542,662	29,807	29,344	71	69	67 859	11 754,774	117 391,632	9,987	9,524
22	20	98 811	57 395,747	1 695 678,541	29,544	29,081	72	70	65 403	11 052,972	105 636,858	9,557	9,095
23	21	98 753	55 963,214	1 638 282,794	29,274	28,812	73	71	62 885	10 368,169	94 583,886	9,123	8,660
24	22	98 695	54 566,049	1 582 319,580	28,998	28,536	74	72	60 228	9 687,953	84 215,717	8,693	8,230
25	23	98 633	53 201,857	1 527 753,531	28,716	28,254	75	73	57 478	9 020,048	74 527,764	8,262	7,800
26	24	98 574	51 872,840	1 474 551,673	28,426	27,964	76	74	54 581	8 356,509	65 507,715	7,839	7,377
27	25	98 514	50 577,038	1 422 678,833	28,129	27,667	77	75	51 581	7 704,634	57 151,207	7,418	6,955
28	26	98 451	49 311,671	1 372 101,795	27,825	27,363	78	76	48 508	7 068,931	49 446,573	6,995	6,532
29	27	98 387	48 078,125	1 322 790,124	27,513	27,051	79	77	45 313	6 442,186	42 377,641	6,578	6,116
30	28	98 318	46 872,514	1 274 711,998	27,195	26,733	80	78	42 040	5 831,107	35 935,456	6,163	5,700
31	29	98 243	45 694,255	1 227 839,484	26,871	26,408	81	79	38 615	5 225,382	30 104,349	5,761	5,299
32	30	98 162	44 543,194	1 182 145,229	26,539	26,077	82	80	35 097	4 633,547	24 878,967	5,369	4,907
33	31	98 075	43 417,946	1 137 602,034	26,201	25,739	83	81	31 510	4 058,467	20 245,420	4,988	4,526
34	32	97 974	42 315,643	1 094 184,089	25,858	25,395	84	82	27 848	3 499,303	16 186,952	4,626	4,163
35	33	97 873	41 240,685	1 051 868,445	25,506	25,043	85	83	24 161	2 962,045	12 687,649	4,283	3,821
36	34	97 764	40 190,357	1 010 627,761	25,146	24,684	86	84	20 501	2 452,051	9 725,604	3,966	3,504
37	35	97 641	39 160,520	970 437,404	24,781	24,319	87	85	16 993	1 982,824	7 273,553	3,668	3,206
38	36	97 498	38 149,452	931 276,884	24,411	23,949	88	86	13 709	1 560,691	5 290,729	3,390	2,928
39	37	97 352	37 163,431	893 127,432	24,032	23,570	89	87	10 700	1 188,414	3 730,037	3,139	2,676
40	38	97 191	36 196,856	855 964,001	23,647	23,185	90	88	8 047	871,990	2 541,623	2,915	2,452
41	39	97 017	35 250,759	819 767,144	23,255	22,793	91	89	5 827	615,997	1 669,633	2,710	2,248
42	40	96 813	34 318,748	784 516,385	22,860	22,397	92	90	4 058	418,493	1 053,636	2,518	2,055
43	41	96 615	33 413,174	750 197,637	22,452	21,990	93	91	2 686	270,240	635,143	2,350	1,888
44	42	96 390	32 522,380	716 784,464	22,040	21,577	94	92	1 691	166,038	364,902	2,198	1,735
45	43	96 145	31 648,582	684 262,084	21,621	21,158	95	93	1 003	96,040	198,864	2,071	1,608
46	44	95 879	30 791,033	652 613,502	21,195	20,733	96	94	562	52,523	102,825	1,958	1,495
47	45	95 590	29 949,713	621 822,470	20,762	20,300	97	95	297	27,064	50,302	1,859	1,396
48	46	95 265	29 119,748	591 872,757	20,325	19,863	98	96	148	13,135	23,238	1,769	1,307
49	47	94 902	28 301,398	562 753,009	19,884	19,422	99	97	69	5,984	10,103	1,688	1,226
							100	98	30	2,550	4,119	1,615	1,153

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	27 530,032	539 049,675	19,580	19,118
1							51	48	94 197	26 737,475	511 519,643	19,131	18,669
2							52	49	93 718	25 952,577	484 782,168	18,680	18,217
3	0	99 624	92 510,846	3 114 897,668	33,671	33,208	53	50	93 186	25 175,942	458 829,591	18,225	17,763
4	1	99 324	89 982,812	3 022 386,822	33,588	33,126	54	51	92 594	24 405,938	433 653,649	17,768	17,306
5	2	99 291	87 758,569	2 932 404,011	33,414	32,952	55	52	91 939	23 642,224	409 247,711	17,310	16,848
6	3	99 269	85 599,086	2 844 645,441	33,232	32,770	56	53	91 215	22 883,859	385 605,487	16,851	16,388
7	4	99 250	83 495,458	2 759 046,355	33,044	32,582	57	54	90 412	22 129,324	362 721,628	16,391	15,929
8	5	99 231	81 443,570	2 675 550,897	32,852	32,389	58	55	89 526	21 377,912	340 592,304	15,932	15,470
9	6	99 217	79 445,692	2 594 107,327	32,653	32,190	59	56	88 558	20 630,994	319 214,391	15,473	15,010
10	7	99 202	77 496,112	2 514 661,636	32,449	31,986	60	57	87 492	19 885,423	298 583,397	15,015	14,553
11	8	99 189	75 596,732	2 437 165,524	32,239	31,777	61	58	86 330	19 142,879	278 697,974	14,559	14,096
12	9	99 175	73 742,497	2 361 568,793	32,025	31,562	62	59	85 059	18 401,027	259 555,095	14,105	13,643
13	10	99 161	71 933,707	2 287 826,296	31,805	31,342	63	60	83 670	17 659,002	241 154,068	13,656	13,194
14	11	99 147	70 168,803	2 215 892,589	31,579	31,117	64	61	82 163	16 917,926	223 495,067	13,211	12,748
15	12	99 127	68 443,648	2 145 723,786	31,350	30,888	65	62	80 549	16 181,121	206 577,141	12,767	12,304
16	13	99 105	66 759,693	2 077 280,138	31,116	30,653	66	63	78 827	15 448,946	190 396,020	12,324	11,862
17	14	99 075	65 111,368	2 010 520,445	30,878	30,416	67	64	76 979	14 718,760	174 947,074	11,886	11,424
18	15	99 039	63 500,489	1 945 409,077	30,636	30,174	68	65	75 027	13 995,673	160 228,314	11,448	10,986
19	16	98 989	61 920,614	1 881 908,587	30,392	29,930	69	66	72 964	13 278,893	146 232,641	11,012	10,550
20	17	98 937	60 378,258	1 819 987,974	30,143	29,681	70	67	70 800	12 570,825	132 953,748	10,576	10,114
21	18	98 883	58 873,677	1 759 609,716	29,888	29,425	71	68	68 559	11 875,956	120 382,923	10,137	9,674
22	19	98 827	57 405,183	1 700 736,039	29,627	29,164	72	69	66 167	11 182,083	108 506,968	9,704	9,241
23	20	98 769	55 972,376	1 643 330,856	29,360	28,897	73	70	63 684	10 499,962	97 324,884	9,269	8,807
24	21	98 712	54 575,316	1 587 358,480	29,086	28,623	74	71	61 072	9 823,662	86 824,922	8,838	8,376
25	22	98 650	53 210,785	1 532 783,164	28,806	28,343	75	72	58 350	9 156,925	77 001,260	8,409	7,947
26	23	98 590	51 881,326	1 479 572,380	28,518	28,056	76	73	55 510	8 498,744	67 844,335	7,983	7,520
27	24	98 530	50 585,348	1 427 691,054	28,223	27,761	77	74	52 537	7 847,395	59 345,590	7,562	7,100
28	25	98 470	49 321,260	1 377 105,706	27,921	27,459	78	75	49 504	7 214,078	51 498,196	7,139	6,676
29	26	98 405	48 086,696	1 327 784,446	27,612	27,150	79	76	46 339	6 588,104	44 284,117	6,722	6,259
30	27	98 339	46 882,348	1 279 697,750	27,296	26,834	80	77	43 071	5 974,118	37 696,013	6,310	5,847
31	28	98 266	45 705,133	1 232 815,402	26,973	26,511	81	78	39 695	5 371,528	31 721,895	5,906	5,443
32	29	98 187	44 554,189	1 187 110,269	26,644	26,182	82	79	36 213	4 780,837	26 350,367	5,512	5,049
33	30	98 102	43 430,227	1 142 556,080	26,308	25,845	83	80	32 661	4 206,806	21 569,530	5,127	4,665
34	31	98 006	42 329,274	1 099 125,853	25,966	25,504	84	81	29 020	3 646,685	17 362,724	4,761	4,299
35	32	97 905	41 254,542	1 056 796,580	25,616	25,154	85	82	25 353	3 108,135	13 716,039	4,413	3,951
36	33	97 799	40 204,437	1 015 542,037	25,259	24,797	86	83	21 699	2 595,301	10 607,905	4,087	3,625
37	34	97 678	39 175,477	975 337,600	24,897	24,434	87	84	18 150	2 117,922	8 012,604	3,783	3,321
38	35	97 543	38 167,274	936 162,123	24,528	24,065	88	85	14 800	1 684,855	5 894,682	3,499	3,036
39	36	97 399	37 181,161	897 994,849	24,152	23,689	89	86	11 698	1 299,208	4 209,827	3,240	2,778
40	37	97 240	36 215,143	860 813,688	23,769	23,307	90	87	8 933	967,904	2 910,619	3,007	2,545
41	38	97 071	35 270,303	824 598,545	23,379	22,917	91	88	6 572	694,711	1 942,714	2,796	2,334
42	39	96 876	34 341,092	789 328,242	22,985	22,523	92	89	4 658	480,368	1 248,003	2,598	2,136
43	40	96 676	33 434,342	754 987,151	22,581	22,119	93	90	3 149	316,855	767,636	2,423	1,960
44	41	96 461	32 546,234	721 552,809	22,170	21,708	94	91	2 028	199,069	450,781	2,264	1,802
45	42	96 223	31 674,138	689 006,575	21,753	21,291	95	92	1 235	118,268	251,711	2,128	1,666
46	43	95 965	30 818,637	657 332,437	21,329	20,867	96	93	711	66,439	133,444	2,009	1,546
47	44	95 681	29 978,068	626 513,800	20,899	20,437	97	94	385	35,123	67,005	1,908	1,445
48	45	95 368	29 151,105	596 535,732	20,464	20,001	98	95	198	17,613	31,881	1,810	1,348
49	46	95 015	28 334,952	567 384,627	20,024	19,562	99	96	96	8,303	14,268	1,718	1,256
							100	97	43	3,616	5,965	1,650	1,187

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	27 562,672	543 288,764	19,711	19,249
1							51	47	94 320	26 772,262	515 726,093	19,263	18,801
2							52	48	93 860	25 992,010	488 953,831	18,812	18,349
3							53	49	93 343	25 218,411	462 961,821	18,358	17,896
4	0	99 612	90 243,785	3 027 428,459	33,547	33,085	54	50	92 765	24 451,023	437 743,410	17,903	17,440
5	1	99 313	87 778,092	2 937 184,674	33,461	32,999	55	51	92 131	23 691,419	413 292,386	17,445	16,982
6	2	99 282	85 610,335	2 849 406,581	33,283	32,821	56	52	91 416	22 934,416	389 600,967	16,988	16,525
7	3	99 260	83 503,784	2 763 796,246	33,098	32,635	57	53	90 637	22 184,310	366 666,551	16,528	16,066
8	4	99 244	81 451,067	2 680 292,462	32,907	32,444	58	54	89 773	21 436,956	344 483,241	16,070	15,607
9	5	99 224	79 451,090	2 598 841,395	32,710	32,248	59	55	88 835	20 695,406	323 045,286	15,610	15,147
10	6	99 209	77 501,770	2 519 390,305	32,508	32,045	60	56	87 789	19 952,896	302 349,880	15,153	14,691
11	7	99 194	75 600,332	2 441 888,535	32,300	31,838	61	57	86 656	19 215,056	282 396,984	14,697	14,234
12	8	99 183	73 747,812	2 366 288,202	32,086	31,624	62	58	85 416	18 478,147	263 181,928	14,243	13,780
13	9	99 167	71 937,530	2 292 540,391	31,868	31,406	63	59	84 060	17 741,223	244 703,781	13,793	13,331
14	10	99 152	70 172,705	2 220 602,860	31,645	31,182	64	60	82 586	17 005,108	226 962,558	13,347	12,884
15	11	99 134	68 448,912	2 150 430,156	31,417	30,954	65	61	81 001	16 272,020	209 957,451	12,903	12,441
16	12	99 111	66 763,913	2 081 981,244	31,184	30,722	66	62	79 312	15 544,106	193 685,431	12,460	11,998
17	13	99 082	65 116,514	2 015 217,331	30,948	30,485	67	63	77 503	14 818,939	178 141,325	12,021	11,559
18	14	99 048	63 506,348	1 950 100,817	30,707	30,245	68	64	75 587	14 100,138	163 322,387	11,583	11,121
19	15	99 001	61 927,783	1 886 594,469	30,464	30,002	69	65	73 553	13 386,165	149 222,249	11,147	10,685
20	16	98 949	60 385,978	1 824 666,686	30,217	29,754	70	66	71 426	12 681,890	135 836,083	10,711	10,249
21	17	98 896	58 881,311	1 764 280,708	29,963	29,501	71	67	69 206	11 988,140	123 154,193	10,273	9,811
22	18	98 843	57 414,502	1 705 399,397	29,703	29,241	72	68	66 849	11 297,361	111 166,053	9,840	9,378
23	19	98 786	55 981,577	1 647 984,895	29,438	28,976	73	69	64 428	10 622,614	99 868,692	9,402	8,939
24	20	98 728	54 584,250	1 592 003,317	29,166	28,704	74	70	61 848	9 948,534	89 246,078	8,971	8,508
25	21	98 667	53 219,821	1 537 419,067	28,888	28,426	75	71	59 167	9 285,195	79 297,544	8,540	8,078
26	22	98 606	51 890,032	1 484 199,246	28,603	28,140	76	72	56 352	8 627,710	70 012,349	8,115	7,652
27	23	98 546	50 593,623	1 432 309,214	28,310	27,848	77	73	53 431	7 980,964	61 384,638	7,691	7,229
28	24	98 486	49 329,363	1 381 715,591	28,010	27,548	78	74	50 422	7 347,750	53 403,674	7,268	6,806
29	25	98 424	48 096,047	1 332 386,227	27,703	27,240	79	75	47 290	6 723,379	46 055,924	6,850	6,388
30	26	98 356	46 890,706	1 284 290,181	27,389	26,927	80	76	44 046	6 109,435	39 332,546	6,438	5,976
31	27	98 287	45 714,721	1 237 399,475	27,068	26,605	81	77	40 668	5 503,267	33 223,111	6,037	5,575
32	28	98 210	44 564,795	1 191 684,754	26,740	26,278	82	78	37 226	4 914,550	27 719,844	5,640	5,178
33	29	98 127	43 440,947	1 147 119,959	26,406	25,944	83	79	33 700	4 340,531	22 805,294	5,254	4,792
34	30	98 034	42 341,247	1 103 679,012	26,066	25,604	84	80	30 081	3 779,973	18 464,763	4,885	4,422
35	31	97 937	41 267,831	1 061 337,765	25,718	25,256	85	81	26 421	3 239,041	14 684,791	4,534	4,071
36	32	97 832	40 217,947	1 020 069,935	25,364	24,901	86	82	22 769	2 723,302	11 445,749	4,203	3,740
37	33	97 712	39 189,202	979 851,988	25,003	24,541	87	83	19 211	2 241,652	8 722,447	3,891	3,429
38	34	97 581	38 181,851	940 662,785	24,636	24,174	88	84	15 808	1 799,651	6 480,795	3,601	3,139
39	35	97 444	37 198,531	902 480,934	24,261	23,799	89	85	12 628	1 402,569	4 681,144	3,338	2,875
40	36	97 286	36 232,420	865 282,403	23,881	23,419	90	86	9 765	1 058,141	3 278,575	3,098	2,636
41	37	97 120	35 288,121	829 049,983	23,494	23,031	91	87	7 295	771,125	2 220,434	2,879	2,417
42	38	96 930	34 360,131	793 761,862	23,101	22,639	92	88	5 253	541,750	1 449,309	2,675	2,213
43	39	96 739	33 456,110	759 401,732	22,698	22,236	93	89	3 615	363,702	907,559	2,495	2,033
44	40	96 522	32 566,853	725 945,622	22,291	21,829	94	90	2 378	233,407	543,856	2,330	1,868
45	41	96 294	31 697,370	693 378,768	21,875	21,413	95	91	1 481	141,795	310,449	2,189	1,727
46	42	96 042	30 843,523	661 681,398	21,453	20,990	96	92	876	81,816	168,654	2,061	1,599
47	43	95 767	30 004,943	630 837,875	21,024	20,562	97	93	487	44,429	86,837	1,955	1,492
48	44	95 458	29 178,703	600 832,932	20,591	20,129	98	94	257	22,858	42,408	1,855	1,393
49	45	95 117	28 365,464	571 654,229	20,153	19,691	99	95	128	11,134	19,550	1,756	1,293
							100	96	59	5,017	8,416	1,678	1,215

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	27 592,352	547 190,633	19,831	19,369
1							51	46	94 431	26 804,003	519 598,281	19,385	18,923
2							52	47	93 982	26 025,827	492 794,278	18,935	18,472
3							53	48	93 485	25 256,729	466 768,451	18,481	18,019
4							54	49	92 922	24 492,270	441 511,722	18,027	17,564
5	0	99 601	88 032,672	2 941 839,200	33,418	32,955	55	50	92 301	23 735,185	417 019,452	17,570	17,107
6	1	99 304	85 629,380	2 853 806,529	33,327	32,865	56	51	91 607	22 982,139	393 284,268	17,113	16,650
7	2	99 273	83 514,758	2 768 177,148	33,146	32,684	57	52	90 837	22 233,321	370 302,129	16,655	16,193
8	3	99 250	81 459,189	2 684 662,391	32,957	32,495	58	53	89 996	21 490,221	348 068,808	16,197	15,734
9	4	99 233	79 458,404	2 603 203,202	32,762	32,299	59	54	89 080	20 752,564	326 578,587	15,737	15,274
10	5	99 216	77 507,036	2 523 744,798	32,561	32,099	60	55	88 063	20 015,190	305 826,023	15,280	14,817
11	6	99 201	75 605,853	2 446 237,761	32,355	31,893	61	56	86 950	19 280,254	285 810,832	14,824	14,362
12	7	99 187	73 751,324	2 370 631,908	32,144	31,681	62	57	85 738	18 547,818	266 530,578	14,370	13,907
13	8	99 174	71 942,715	2 296 880,584	31,927	31,464	63	58	84 412	17 815,577	247 982,761	13,919	13,457
14	9	99 157	70 176,434	2 224 937,869	31,705	31,242	64	59	82 971	17 084,284	230 167,183	13,472	13,010
15	10	99 140	68 452,717	2 154 761,435	31,478	31,016	65	60	81 419	16 355,873	213 082,899	13,028	12,565
16	11	99 119	66 769,047	2 086 308,717	31,247	30,784	66	61	79 758	15 631,426	196 727,026	12,585	12,123
17	12	99 089	65 120,630	2 019 539,670	31,012	30,550	67	62	77 980	14 910,218	181 095,600	12,146	11,683
18	13	99 056	63 511,368	1 954 419,040	30,773	30,310	68	63	76 101	14 196,106	166 185,383	11,706	11,244
19	14	99 010	61 933,497	1 890 907,672	30,531	30,069	69	64	74 102	13 486,081	151 989,276	11,270	10,808
20	15	98 961	60 392,970	1 828 974,175	30,285	29,825	70	65	72 003	12 784,340	138 503,195	10,834	10,371
21	16	98 909	58 888,839	1 768 581,206	30,033	29,570	71	66	69 818	12 094,057	125 718,855	10,395	9,933
22	17	98 856	57 421,947	1 709 692,366	29,774	29,312	72	67	67 481	11 404,080	113 624,799	9,964	9,501
23	18	98 802	55 990,666	1 652 270,419	29,510	29,047	73	68	65 092	10 732,124	102 220,719	9,525	9,062
24	19	98 744	54 593,224	1 596 279,753	29,240	28,777	74	69	62 570	10 064,745	91 488,595	9,090	8,628
25	20	98 683	53 228,534	1 541 686,530	28,964	28,501	75	70	59 919	9 403,222	81 423,850	8,659	8,197
26	21	98 623	51 898,844	1 488 457,996	28,680	28,218	76	71	57 141	8 748,567	72 020,628	8,232	7,770
27	22	98 563	50 602,113	1 436 559,152	28,389	27,927	77	72	54 242	8 102,073	63 272,060	7,809	7,347
28	23	98 502	49 337,433	1 385 957,039	28,091	27,629	78	73	51 280	7 472,815	55 169,987	7,383	6,920
29	24	98 440	48 103,949	1 336 619,606	27,786	27,324	79	74	48 167	6 847,958	47 697,172	6,965	6,503
30	25	98 376	46 899,824	1 288 515,657	27,474	27,011	80	75	44 951	6 234,880	40 849,214	6,552	6,089
31	26	98 304	45 722,871	1 241 615,833	27,155	26,693	81	76	41 589	5 627,919	34 614,334	6,150	5,688
32	27	98 231	44 574,144	1 195 892,963	26,829	26,367	82	77	38 138	5 035,082	28 986,415	5,757	5,294
33	28	98 150	43 451,288	1 151 318,819	26,497	26,034	83	78	34 642	4 461,928	23 951,333	5,368	4,906
34	29	98 058	42 351,698	1 107 867,531	26,159	25,696	84	79	31 037	3 900,130	19 489,405	4,997	4,535
35	30	97 965	41 279,504	1 065 515,833	25,812	25,350	85	80	27 386	3 357,429	15 589,275	4,643	4,181
36	31	97 863	40 230,901	1 024 236,329	25,459	24,997	86	81	23 728	2 838,001	12 231,846	4,310	3,848
37	32	97 745	39 202,371	984 005,428	25,101	24,638	87	82	20 158	2 352,211	9 393,845	3,994	3,531
38	33	97 615	38 195,228	944 803,057	24,736	24,274	88	83	16 732	1 904,787	7 041,634	3,697	3,234
39	34	97 482	37 212,738	906 607,829	24,363	23,900	89	84	13 489	1 498,132	5 136,847	3,429	2,966
40	35	97 332	36 249,346	869 395,090	23,984	23,521	90	85	10 542	1 142,323	3 638,715	3,185	2,723
41	36	97 166	35 304,956	833 145,744	23,599	23,136	91	86	7 975	843,017	2 496,392	2,961	2,499
42	37	96 979	34 377,489	797 840,788	23,208	22,746	92	87	5 831	601,340	1 653,375	2,749	2,287
43	38	96 793	33 474,658	763 463,299	22,807	22,345	93	88	4 077	410,177	1 052,035	2,565	2,102
44	39	96 585	32 588,057	729 988,640	22,400	21,938	94	89	2 729	267,917	641,858	2,396	1,933
45	40	96 355	31 717,452	697 400,584	21,988	21,525	95	90	1 736	166,254	373,941	2,249	1,787
46	41	96 113	30 866,146	665 683,132	21,567	21,104	96	91	1 050	98,092	207,687	2,117	1,655
47	42	95 844	30 029,172	634 816,986	21,140	20,678	97	92	600	54,712	109,595	2,003	1,541
48	43	95 543	29 204,862	604 787,814	20,708	20,246	98	93	325	28,914	54,882	1,898	1,436
49	44	95 207	28 392,319	575 582,952	20,272	19,810	99	94	167	14,450	25,968	1,797	1,335
							100	95	79	6,727	11,518	1,712	1,250

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	27 618,475	550 776,363	19,942	19,480
1							51	45	94 533	26 832,866	523 157,888	19,497	19,034
2							52	46	94 094	26 056,683	496 325,022	19,048	18,585
3							53	47	93 607	25 289,589	470 268,339	18,595	18,133
4							54	48	93 063	24 529,484	444 978,750	18,141	17,678
5							55	49	92 456	23 775,224	420 449,266	17,684	17,222
6	0	99 592	85 877,728	2 858 099,861	33,281	32,819	56	50	91 776	23 024,594	396 674,042	17,228	16,766
7	1	99 295	83 533,337	2 772 222,133	33,187	32,725	57	51	91 026	22 279,585	373 649,449	16,771	16,309
8	2	99 263	81 469,894	2 688 688,796	33,002	32,540	58	52	90 195	21 537,699	351 369,864	16,314	15,852
9	3	99 243	79 466,327	2 607 218,902	32,809	32,347	59	53	89 301	20 804,129	329 832,165	15,854	15,392
10	4	99 225	77 514,172	2 527 752,575	32,610	32,148	60	54	88 306	20 070,470	309 028,036	15,397	14,935
11	5	99 208	75 610,990	2 450 238,403	32,406	31,943	61	55	87 221	19 340,449	288 957,566	14,941	14,478
12	6	99 195	73 756,710	2 374 627,413	32,195	31,733	62	56	86 029	18 610,751	269 617,117	14,487	14,025
13	7	99 179	71 946,142	2 300 870,704	31,980	31,518	63	57	84 730	17 882,750	251 006,365	14,036	13,574
14	8	99 165	70 181,492	2 228 924,562	31,759	31,297	64	58	83 318	17 155,885	233 123,615	13,589	13,126
15	9	99 145	68 456,356	2 158 743,070	31,535	31,072	65	59	81 798	16 432,027	215 967,730	13,143	12,681
16	10	99 125	66 772,760	2 090 286,714	31,304	30,842	66	60	80 169	15 711,978	199 535,703	12,700	12,237
17	11	99 096	65 125,638	2 023 513,954	31,071	30,609	67	61	78 418	14 993,977	183 823,725	12,260	11,797
18	12	99 062	63 515,382	1 958 388,316	30,833	30,371	68	62	76 570	14 283,549	168 829,748	11,820	11,357
19	13	99 018	61 938,392	1 894 872,934	30,593	30,130	69	63	74 607	13 577,870	154 546,199	11,382	10,920
20	14	98 970	60 398,541	1 832 934,542	30,347	29,885	70	64	72 540	12 879,763	140 968,329	10,945	10,483
21	15	98 920	58 895,658	1 772 536,000	30,096	29,634	71	65	70 382	12 191,758	128 088,566	10,506	10,044
22	16	98 869	57 429,289	1 713 640,343	29,839	29,377	72	66	68 077	11 504,836	115 896,808	10,074	9,611
23	17	98 815	55 997,926	1 656 211,054	29,576	29,114	73	67	65 707	10 833,503	104 391,971	9,636	9,174
24	18	98 760	54 602,087	1 600 213,127	29,307	28,844	74	68	63 215	10 168,504	93 558,468	9,201	8,738
25	19	98 699	53 237,284	1 545 611,041	29,032	28,570	75	69	60 619	9 513,063	83 389,964	8,766	8,303
26	20	98 639	51 907,340	1 492 373,756	28,751	28,288	76	70	57 868	8 859,773	73 876,901	8,338	7,876
27	21	98 580	50 610,706	1 440 466,416	28,462	27,999	77	71	55 002	8 215,567	65 017,128	7,914	7,451
28	22	98 518	49 345,712	1 389 855,710	28,166	27,703	78	72	52 058	7 586,213	56 801,561	7,487	7,025
29	23	98 456	48 111,818	1 340 509,997	27,862	27,400	79	73	48 986	6 964,516	49 215,348	7,067	6,604
30	24	98 392	46 907,529	1 292 398,180	27,552	27,090	80	74	45 784	6 350,408	42 250,832	6,653	6,191
31	25	98 324	45 731,762	1 245 490,651	27,235	26,772	81	75	42 443	5 743,478	35 900,424	6,251	5,788
32	26	98 248	44 582,090	1 199 758,889	26,911	26,449	82	76	39 002	5 149,129	30 156,947	5,857	5,394
33	27	98 171	43 460,404	1 155 176,799	26,580	26,118	83	77	35 492	4 571,360	25 007,818	5,471	5,008
34	28	98 081	42 361,780	1 111 716,395	26,243	25,781	84	78	31 905	4 009,210	20 436,458	5,097	4,635
35	29	97 989	41 289,693	1 069 354,616	25,899	25,436	85	79	28 257	3 464,154	16 427,248	4,742	4,280
36	30	97 891	40 242,281	1 028 064,923	25,547	25,084	86	80	24 595	2 941,731	12 963,094	4,407	3,944
37	31	97 777	39 214,998	987 822,641	25,190	24,728	87	81	21 007	2 451,280	10 021,363	4,088	3,626
38	32	97 648	38 208,063	948 607,643	24,827	24,365	88	82	17 557	1 998,732	7 570,082	3,787	3,325
39	33	97 516	37 225,776	910 399,581	24,456	23,994	89	83	14 277	1 585,653	5 571,350	3,514	3,051
40	34	97 369	36 263,192	873 173,805	24,079	23,616	90	84	11 261	1 220,154	3 985,697	3,267	2,804
41	35	97 211	35 321,449	836 910,613	23,694	23,232	91	85	8 609	910,084	2 765,543	3,039	2,576
42	36	97 025	34 393,890	801 589,164	23,306	22,844	92	86	6 374	657,402	1 855,458	2,822	2,360
43	37	96 842	33 491,569	767 195,274	22,907	22,445	93	87	4 525	455,294	1 198,056	2,631	2,169
44	38	96 638	32 606,124	733 703,705	22,502	22,040	94	88	3 078	302,152	742,762	2,458	1,996
45	39	96 417	31 738,102	701 097,581	22,090	21,628	95	89	1 993	190,835	440,610	2,309	1,846
46	40	96 173	30 885,701	669 359,479	21,672	21,210	96	90	1 231	115,013	249,775	2,172	1,709
47	41	95 914	30 051,198	638 473,778	21,246	20,784	97	91	720	65,597	134,763	2,054	1,592
48	42	95 621	29 228,445	608 422,580	20,816	20,354	98	92	400	35,606	69,166	1,943	1,480
49	43	95 293	28 417,773	579 194,135	20,381	19,919	99	93	211	18,279	33,560	1,836	1,374
							100	94	103	8,731	15,281	1,750	1,288

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	27 643,235	554 068,847	20,044	19,581
1							51	44	94 623	26 858,270	526 425,612	19,600	19,138
2							52	45	94 195	26 084,741	499 567,342	19,152	18,689
3							53	46	93 718	25 319,572	473 482,601	18,700	18,238
4							54	47	93 184	24 561,398	448 163,028	18,247	17,784
5							55	48	92 597	23 811,348	423 601,630	17,790	17,327
6							56	49	91 931	23 063,434	399 790,282	17,334	16,872
7	0	99 583	83 775,605	2 776 179,670	33,138	32,676	57	50	91 195	22 320,742	376 726,848	16,878	16,415
8	1	99 285	81 488,018	2 692 404,065	33,040	32,578	58	51	90 383	21 582,515	354 406,106	16,421	15,959
9	2	99 256	79 476,770	2 610 916,046	32,851	32,389	59	52	89 499	20 850,091	332 823,591	15,963	15,500
10	3	99 235	77 521,901	2 531 439,276	32,655	32,192	60	53	88 525	20 120,340	311 973,500	15,505	15,043
11	4	99 217	75 617,951	2 453 917,375	32,452	31,989	61	54	87 462	19 393,865	291 853,160	15,049	14,586
12	5	99 201	73 761,721	2 378 299,425	32,243	31,781	62	55	86 297	18 668,856	272 459,295	14,594	14,132
13	6	99 186	71 951,395	2 304 537,703	32,029	31,567	63	56	85 018	17 943,428	253 790,439	14,144	13,682
14	7	99 169	70 184,835	2 232 586,308	31,810	31,348	64	57	83 632	17 220,571	235 847,011	13,696	13,233
15	8	99 152	68 461,290	2 162 401,473	31,586	31,123	65	58	82 141	16 500,895	218 626,440	13,249	12,787
16	9	99 130	66 776,309	2 093 940,183	31,358	30,895	66	59	80 542	15 785,134	202 125,546	12,805	12,342
17	10	99 102	65 129,259	2 027 163,874	31,125	30,663	67	60	78 822	15 071,244	186 340,412	12,364	11,902
18	11	99 070	63 520,267	1 962 034,615	30,888	30,426	68	61	77 000	14 363,788	171 269,168	11,924	11,461
19	12	99 024	61 942,307	1 898 514,348	30,650	30,187	69	62	75 066	13 661,505	156 905,380	11,485	11,023
20	13	98 978	60 403,316	1 836 572,042	30,405	29,943	70	63	73 034	12 967,426	143 243,876	11,046	10,584
21	14	98 929	58 901,091	1 776 168,726	30,155	29,693	71	64	70 907	12 282,758	130 276,450	10,606	10,144
22	15	98 880	57 435,939	1 717 267,635	29,899	29,436	72	65	68 627	11 597,778	117 993,692	10,174	9,711
23	16	98 827	56 005,086	1 659 831,696	29,637	29,175	73	66	66 287	10 929,219	106 395,914	9,735	9,273
24	17	98 773	54 609,167	1 603 826,610	29,369	28,907	74	67	63 813	10 264,559	95 466,695	9,301	8,838
25	18	98 715	53 245,927	1 549 217,443	29,096	28,633	75	68	61 244	9 611,135	85 202,137	8,865	8,403
26	19	98 655	51 915,874	1 495 971,516	28,815	28,353	76	69	58 544	8 963,266	75 591,002	8,433	7,971
27	20	98 596	50 618,992	1 444 055,642	28,528	28,066	77	70	55 701	8 319,998	66 627,736	8,008	7,546
28	21	98 535	49 354,092	1 393 436,651	28,233	27,771	78	71	52 787	7 692,481	58 307,738	7,587	7,117
29	22	98 473	48 119,891	1 344 082,558	27,932	27,470	79	72	49 730	7 070,201	50 615,258	7,159	6,697
30	23	98 408	46 915,202	1 295 962,667	27,624	27,161	80	73	46 563	6 458,497	43 545,057	6,742	6,280
31	24	98 340	45 739,275	1 249 047,464	27,308	26,846	81	74	43 230	5 849,900	37 086,560	6,340	5,877
32	25	98 267	44 590,759	1 203 308,189	26,986	26,523	82	75	39 803	5 254,857	31 236,660	5,944	5,482
33	26	98 188	43 468,151	1 158 717,430	26,657	26,194	83	76	36 296	4 674,903	25 981,803	5,558	5,095
34	27	98 102	42 370,667	1 115 249,279	26,321	25,859	84	77	32 688	4 107,538	21 306,900	5,187	4,725
35	28	98 012	41 299,522	1 072 878,612	25,978	25,516	85	78	29 047	3 561,041	17 199,362	4,830	4,367
36	29	97 915	40 252,214	1 031 579,090	25,628	25,165	86	79	25 377	3 035,242	13 638,321	4,493	4,031
37	30	97 804	39 226,091	991 326,876	25,272	24,810	87	80	21 775	2 540,876	10 603,079	4,173	3,711
38	31	97 679	38 220,370	952 100,785	24,911	24,448	88	81	18 297	2 082,914	8 062,203	3,871	3,408
39	32	97 548	37 238,284	913 880,416	24,541	24,079	89	82	14 981	1 663,859	5 979,290	3,594	3,131
40	33	97 403	36 275,896	876 642,131	24,166	23,704	90	83	11 918	1 291,436	4 315,431	3,342	2,879
41	34	97 248	35 334,940	840 366,235	23,783	23,320	91	84	9 196	972,092	3 023,995	3,111	2,648
42	35	97 070	34 409,957	805 031,295	23,395	22,933	92	85	6 881	709,703	2 051,903	2,891	2,429
43	36	96 888	33 507,548	770 621,338	22,998	22,536	93	86	4 947	497,741	1 342,200	2,697	2,234
44	37	96 687	32 622,596	737 113,790	22,595	22,133	94	87	3 417	335,387	844,459	2,518	2,055
45	38	96 471	31 755,698	704 491,194	22,185	21,722	95	88	2 247	215,220	509,073	2,365	1,903
46	39	96 236	30 905,810	672 735,496	21,767	21,305	96	89	1 413	132,018	293,852	2,226	1,763
47	40	95 975	30 070,236	641 829,686	21,344	20,882	97	90	844	76,912	161,835	2,104	1,642
48	41	95 691	29 249,883	611 759,450	20,915	20,453	98	91	480	42,689	84,923	1,989	1,527
49	42	95 370	28 440,720	582 509,567	20,482	20,019	99	92	259	22,509	42,233	1,876	1,414
							100	93	130	11,044	19,724	1,786	1,324

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	27 665,557	557 089,149	20,137	19,674
1							51	43	94 707	26 882,348	529 423,592	19,694	19,232
2							52	44	94 284	26 109,437	502 541,244	19,247	18,785
3							53	45	93 819	25 346,837	476 431,807	18,796	18,334
4							54	46	93 295	24 590,518	451 084,970	18,344	17,881
5							55	47	92 717	23 842,328	426 494,452	17,888	17,426
6							56	48	92 070	23 098,477	402 652,124	17,432	16,970
7							57	49	91 348	22 358,395	379 553,647	16,976	16,513
8	0	99 573	81 724,355	2 696 050,388	32,990	32,527	58	50	90 550	21 622,385	357 195,252	16,520	16,057
9	1	99 278	79 494,451	2 614 326,033	32,887	32,424	59	51	89 685	20 893,477	335 572,867	16,061	15,599
10	2	99 248	77 532,089	2 534 831,583	32,694	32,232	60	52	88 721	20 164,792	314 679,390	15,605	15,143
11	3	99 227	75 625,491	2 457 299,494	32,493	32,031	61	53	87 679	19 442,054	294 514,599	15,148	14,686
12	4	99 210	73 768,512	2 381 674,003	32,286	31,823	62	54	86 536	18 720,417	275 072,545	14,694	14,231
13	5	99 193	71 956,284	2 307 905,491	32,074	31,611	63	55	85 283	17 999,449	256 352,128	14,242	13,780
14	6	99 177	70 189,960	2 235 949,207	31,856	31,393	64	56	83 916	17 279,001	238 352,679	13,794	13,332
15	7	99 157	68 464,551	2 165 759,247	31,633	31,171	65	57	82 450	16 563,110	221 073,678	13,347	12,885
16	8	99 137	66 781,122	2 097 294,696	31,406	30,943	66	58	80 880	15 851,290	204 510,567	12,902	12,439
17	9	99 107	65 132,721	2 030 513,575	31,175	30,713	67	59	79 189	15 141,417	188 659,277	12,460	11,997
18	10	99 075	63 523,798	1 965 380,854	30,939	30,477	68	60	77 397	14 437,807	173 517,861	12,018	11,556
19	11	99 032	61 947,071	1 901 857,055	30,701	30,239	69	61	75 488	13 738,249	159 080,053	11,579	11,117
20	12	98 984	60 407,133	1 839 909,985	30,458	29,996	70	62	73 484	13 047,300	145 341,804	11,140	10,677
21	13	98 937	58 905,747	1 779 502,851	30,209	29,747	71	63	71 390	12 366,357	132 294,504	10,698	10,236
22	14	98 889	57 441,238	1 720 597,104	29,954	29,492	72	64	69 139	11 684,344	119 928,147	10,264	9,802
23	15	98 839	56 011,570	1 663 155,867	29,693	29,231	73	65	66 823	11 017,510	108 243,803	9,825	9,362
24	16	98 786	54 616,149	1 607 144,296	29,426	28,964	74	66	64 376	10 355,247	97 226,293	9,389	8,927
25	17	98 728	53 252,832	1 552 528,147	29,154	28,691	75	67	61 823	9 701,925	86 871,045	8,954	8,492
26	18	98 671	51 924,302	1 499 275,316	28,874	28,412	76	68	59 147	9 055,670	77 169,121	8,522	8,059
27	19	98 612	50 627,313	1 447 351,014	28,588	28,126	77	69	56 351	8 417,185	68 113,451	8,092	7,630
28	20	98 551	49 362,172	1 396 723,700	28,295	27,833	78	70	53 458	7 790,262	59 696,266	7,663	7,201
29	21	98 490	48 128,063	1 347 361,528	27,995	27,533	79	71	50 426	7 169,240	51 906,004	7,240	6,778
30	22	98 424	46 923,075	1 299 233,465	27,689	27,226	80	72	47 270	6 556,503	44 736,764	6,823	6,361
31	23	98 356	45 746,757	1 252 310,390	27,375	26,912	81	73	43 965	5 949,470	38 180,260	6,417	5,955
32	24	98 283	44 598,085	1 206 563,632	27,054	26,592	82	74	40 541	5 352,225	32 230,790	6,022	5,560
33	25	98 207	43 476,604	1 161 965,547	26,726	26,264	83	75	37 041	4 770,894	26 878,565	5,634	5,171
34	26	98 119	42 378,220	1 118 488,943	26,393	25,931	84	76	33 428	4 200,576	22 107,672	5,263	4,801
35	27	98 033	41 308,186	1 076 110,723	26,051	25,588	85	77	29 760	3 648,378	17 907,096	4,908	4,446
36	28	97 938	40 261,796	1 034 802,537	25,702	25,239	86	78	26 087	3 120,133	14 258,718	4,570	4,107
37	29	97 828	39 235,773	994 540,741	25,348	24,885	87	79	22 467	2 621,644	11 138,585	4,249	3,786
38	30	97 707	38 231,181	955 304,968	24,988	24,525	88	80	18 965	2 159,045	8 516,941	3,945	3,482
39	31	97 580	37 250,279	917 073,787	24,619	24,157	89	81	15 612	1 733,936	6 357,896	3,667	3,204
40	32	97 436	36 288,086	879 823,508	24,246	23,783	90	82	12 506	1 355,131	4 623,960	3,412	2,950
41	33	97 283	35 347,319	843 535,422	23,864	23,402	91	83	9 733	1 028,882	3 268,830	3,177	2,715
42	34	97 107	34 423,100	808 188,103	23,478	23,016	92	84	7 350	758,058	2 239,948	2,955	2,492
43	35	96 933	33 523,201	773 765,003	23,081	22,619	93	85	5 340	537,340	1 481,890	2,758	2,295
44	36	96 733	32 638,160	740 241,802	22,680	22,218	94	86	3 735	366,655	944,550	2,576	2,114
45	37	96 519	31 771,741	707 603,642	22,271	21,809	95	87	2 494	238,893	577,896	2,419	1,957
46	38	96 289	30 922,944	675 831,902	21,855	21,393	96	88	1 593	148,887	339,003	2,277	1,814
47	39	96 038	30 089,814	644 908,958	21,433	20,970	97	89	968	88,283	190,116	2,153	1,691
48	40	95 751	29 268,414	614 819,144	21,006	20,544	98	90	563	50,053	101,832	2,034	1,572
49	41	95 440	28 461,581	585 550,729	20,573	20,111	99	91	311	26,987	51,779	1,919	1,456
							100	92	161	13,600	24,792	1,823	1,361

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	27 685,849	559 857,778	20,222	19,759
1							51	42	94 784	26 904,056	532 171,929	19,780	19,318
2							52	43	94 369	26 132,844	505 267,873	19,335	18,872
3							53	44	93 907	25 370,834	479 135,029	18,885	18,423
4							54	45	93 395	24 616,998	453 764,195	18,433	17,971
5							55	46	92 827	23 870,595	429 147,197	17,978	17,516
6							56	47	92 190	23 128,529	405 276,602	17,523	17,060
7							57	48	91 487	22 392,367	382 148,073	17,066	16,604
8							58	49	90 703	21 658,860	359 755,706	16,610	16,148
9	0	99 566	79 725,005	2 617 684,678	32,834	32,372	59	50	89 850	20 932,073	338 096,846	16,152	15,690
10	1	99 270	77 549,337	2 537 959,672	32,727	32,265	60	51	88 905	20 206,751	317 164,773	15,696	15,234
11	2	99 240	75 635,429	2 460 410,335	32,530	32,067	61	52	87 873	19 485,007	296 958,022	15,240	14,778
12	3	99 220	73 775,867	2 384 774,906	32,325	31,862	62	53	86 751	18 766,933	277 473,015	14,785	14,323
13	4	99 202	71 962,909	2 310 999,039	32,114	31,651	63	54	85 519	18 049,161	258 706,082	14,333	13,871
14	5	99 183	70 194,729	2 239 036,130	31,897	31,435	64	55	84 178	17 332,948	240 656,921	13,884	13,422
15	6	99 164	68 469,550	2 168 841,401	31,676	31,214	65	56	82 730	16 619,310	223 323,973	13,438	12,975
16	7	99 142	66 784,302	2 100 371,850	31,450	30,988	66	57	81 185	15 911,057	206 704,663	12,991	12,529
17	8	99 114	65 137,415	2 033 587,548	31,220	30,758	67	58	79 521	15 204,875	190 793,607	12,548	12,086
18	9	99 081	63 527,175	1 968 450,133	30,986	30,524	68	59	77 757	14 505,031	175 588,731	12,105	11,643
19	10	99 037	61 950,515	1 904 922,958	30,749	30,287	69	60	75 877	13 809,045	161 083,701	11,665	11,203
20	11	98 992	60 411,779	1 842 972,443	30,507	30,044	70	61	73 897	13 120,594	147 274,656	11,225	10,762
21	12	98 943	58 909,470	1 782 560,664	30,259	29,797	71	62	71 830	12 442,529	134 154,061	10,782	10,319
22	13	98 897	57 445,778	1 723 651,194	30,005	29,542	72	63	69 610	11 763,870	121 711,532	10,346	9,884
23	14	98 848	56 016,738	1 666 205,416	29,745	29,282	73	64	67 322	11 099,746	109 947,662	9,905	9,443
24	15	98 797	54 622,473	1 610 188,678	29,479	29,016	74	65	64 896	10 438,902	98 847,916	9,469	9,007
25	16	98 740	53 259,640	1 555 566,205	29,207	28,745	75	66	62 369	9 787,643	88 409,015	9,033	8,570
26	17	98 684	51 931,035	1 502 306,565	28,929	28,466	76	67	59 706	9 141,212	78 621,372	8,601	8,138
27	18	98 628	50 635,533	1 450 375,530	28,643	28,181	77	68	56 932	8 503,959	69 480,160	8,170	7,708
28	19	98 568	49 370,287	1 399 739,997	28,352	27,889	78	69	54 083	7 881,261	60 976,200	7,737	7,274
29	20	98 506	48 135,942	1 350 369,711	28,053	27,591	79	70	51 067	7 260,371	53 094,939	7,313	6,851
30	21	98 441	46 931,044	1 302 233,768	27,748	27,285	80	71	47 932	6 648,347	45 834,568	6,894	6,432
31	22	98 372	45 754,434	1 255 302,724	27,436	26,973	81	72	44 633	6 039,752	39 186,221	6,488	6,026
32	23	98 299	44 605,381	1 209 548,290	27,117	26,654	82	73	41 231	5 443,325	33 146,469	6,089	5,627
33	24	98 223	43 483,747	1 164 942,909	26,790	26,328	83	74	37 727	4 859,294	27 703,145	5,701	5,239
34	25	98 138	42 386,461	1 121 459,163	26,458	25,996	84	75	34 115	4 286,827	22 843,850	5,329	4,866
35	26	98 050	41 315,550	1 079 072,702	26,118	25,655	85	76	30 434	3 731,015	18 557,024	4,974	4,511
36	27	97 959	40 270,243	1 037 757,152	25,770	25,307	86	77	26 727	3 196,656	14 826,008	4,638	4,176
37	28	97 852	39 245,113	997 486,909	25,417	24,954	87	78	23 096	2 694,968	11 629,353	4,315	3,853
38	29	97 731	38 240,617	958 241,797	25,058	24,596	88	79	19 568	2 227,676	8 934,385	4,011	3,548
39	30	97 607	37 260,816	920 001,179	24,691	24,228	89	80	16 183	1 797,312	6 706,709	3,732	3,269
40	31	97 467	36 299,774	882 740,363	24,318	23,856	90	81	13 033	1 412,205	4 909,397	3,476	3,014
41	32	97 315	35 359,197	846 440,589	23,938	23,476	91	82	10 213	1 079,627	3 497,192	3,239	2,777
42	33	97 141	34 435,160	811 081,392	23,554	23,091	92	83	7 780	802,344	2 417,565	3,013	2,551
43	34	96 970	33 536,005	776 646,232	23,159	22,696	93	84	5 704	573,951	1 615,221	2,814	2,352
44	35	96 778	32 653,407	743 110,227	22,758	22,295	94	85	4 032	395,824	1 041,271	2,631	2,168
45	36	96 566	31 786,898	710 456,820	22,351	21,888	95	86	2 727	261,165	645,446	2,471	2,009
46	37	96 338	30 938,566	678 669,922	21,936	21,474	96	87	1 769	165,264	384,281	2,325	1,863
47	38	96 091	30 106,496	647 731,356	21,515	21,052	97	88	1 092	99,564	219,017	2,200	1,737
48	39	95 814	29 287,470	617 624,859	21,088	20,626	98	89	646	57,454	119,453	2,079	1,617
49	40	95 500	28 479,612	588 337,390	20,658	20,196	99	90	365	31,642	62,000	1,959	1,497
							100	91	193	16,305	30,357	1,862	1,399

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	40	95 220	27 703,389	562 393,351	20,301	19,838
							51	41	94 853	26 923,790	534 689,963	19,859	19,397
							52	42	94 445	26 153,946	507 766,173	19,415	18,952
							53	43	93 992	25 393,579	481 612,227	18,966	18,503
							54	44	93 483	24 640,304	456 218,648	18,515	18,053
							55	45	92 927	23 896,300	431 578,344	18,060	17,598
							56	46	92 299	23 155,950	407 682,045	17,606	17,144
							57	47	91 606	22 421,501	384 526,094	17,150	16,687
							58	48	90 840	21 691,768	362 104,594	16,693	16,231
							59	49	90 002	20 967,384	340 412,825	16,235	15,773
10	0	99 558	77 774,250	2 541 052,919	32,672	32,210	60	50	89 070	20 244,079	319 445,442	15,780	15,317
11	1	99 262	75 652,255	2 463 278,669	32,561	32,098	61	51	88 056	19 525,552	299 201,363	15,324	14,861
12	2	99 233	73 785,563	2 387 626,414	32,359	31,897	62	52	86 942	18 808,394	279 675,811	14,870	14,407
13	3	99 212	71 970,084	2 313 840,851	32,150	31,688	63	53	85 731	18 094,008	260 867,417	14,417	13,955
14	4	99 192	70 201,192	2 241 870,767	31,935	31,473	64	54	84 411	17 380,820	242 773,408	13,968	13,505
15	5	99 171	68 474,202	2 171 669,575	31,715	31,253	65	55	82 989	16 671,197	225 392,589	13,520	13,057
16	6	99 149	66 789,179	2 103 195,373	31,490	31,028	66	56	81 460	15 965,044	208 721,391	13,074	12,611
17	7	99 119	65 140,518	2 036 406,194	31,262	30,799	67	57	79 821	15 262,204	192 756,347	12,630	12,167
18	8	99 088	63 531,753	1 971 265,676	31,028	30,566	68	58	78 083	14 565,822	177 494,143	12,186	11,723
19	9	99 042	61 953,808	1 907 733,923	30,793	30,330	69	59	76 230	13 873,341	162 928,321	11,744	11,282
20	10	98 997	60 415,138	1 845 780,115	30,552	30,089	70	60	74 277	13 188,208	149 054,980	11,302	10,840
21	11	98 951	58 914,001	1 785 364,977	30,305	29,842	71	61	72 233	12 512,426	135 866,773	10,859	10,396
22	12	98 903	57 449,409	1 726 450,976	30,052	29,589	72	62	70 038	11 836,331	123 354,347	10,422	9,959
23	13	98 856	56 021,166	1 669 001,568	29,792	29,330	73	63	67 780	11 175,293	111 518,015	9,979	9,517
24	14	98 806	54 627,512	1 612 980,402	29,527	29,064	74	64	65 381	10 516,819	100 342,723	9,541	9,079
25	15	98 752	53 265,807	1 558 352,890	29,256	28,794	75	65	62 873	9 866,711	89 825,904	9,104	8,642
26	16	98 697	51 937,675	1 505 087,082	28,979	28,516	76	66	60 233	9 221,976	79 959,193	8,671	8,208
27	17	98 641	50 642,098	1 453 149,408	28,694	28,232	77	67	57 470	8 584,291	70 737,216	8,240	7,778
28	18	98 584	49 378,302	1 402 507,309	28,403	27,941	78	68	54 640	7 962,511	62 152,926	7,806	7,343
29	19	98 522	48 143,856	1 353 129,007	28,106	27,644	79	69	51 664	7 345,180	54 190,415	7,378	6,915
30	20	98 457	46 938,727	1 304 985,152	27,802	27,339	80	70	48 541	6 732,856	46 845,235	6,958	6,495
31	21	98 389	45 762,204	1 258 046,425	27,491	27,029	81	71	45 258	6 124,357	40 112,379	6,550	6,087
32	22	98 316	44 612,866	1 212 284,221	27,173	26,711	82	72	41 856	5 525,926	33 988,022	6,151	5,688
33	23	98 239	43 490,860	1 167 671,355	26,849	26,386	83	73	38 369	4 942,004	28 462,096	5,759	5,297
34	24	98 154	42 393,425	1 124 180,495	26,518	26,055	84	74	34 747	4 366,258	23 520,092	5,387	4,924
35	25	98 069	41 323,584	1 081 787,070	26,178	25,716	85	75	31 059	3 807,625	19 153,834	5,030	4,568
36	26	97 976	40 277,422	1 040 463,486	25,832	25,370	86	76	27 332	3 269,061	15 346,209	4,694	4,232
37	27	97 872	39 253,346	1 000 186,064	25,480	25,018	87	77	23 662	2 761,063	12 077,148	4,374	3,912
38	28	97 754	38 249,720	960 932,718	25,123	24,660	88	78	20 116	2 289,981	9 316,085	4,068	3,606
39	29	97 632	37 270,013	922 682,998	24,757	24,294	89	79	16 697	1 854,444	7 026,104	3,789	3,326
40	30	97 495	36 310,042	885 412,985	24,385	23,922	90	80	13 509	1 463,822	5 171,660	3,533	3,071
41	31	97 347	35 370,586	849 102,943	24,006	23,543	91	81	10 643	1 125,098	3 707,838	3,296	2,833
42	32	97 174	34 446,731	813 732,356	23,623	23,161	92	82	8 163	841,916	2 582,740	3,068	2,605
43	33	97 004	33 547,754	779 285,625	23,229	22,767	93	83	6 037	607,481	1 740,824	2,866	2,403
44	34	96 815	32 665,879	745 737,871	22,829	22,367	94	84	4 307	422,794	1 133,343	2,681	2,218
45	35	96 611	31 801,748	713 071,993	22,422	21,960	95	85	2 944	281,942	710,550	2,520	2,058
46	36	96 384	30 953,326	681 270,245	22,010	21,547	96	86	1 934	180,671	428,607	2,372	1,910
47	37	96 139	30 121,706	650 316,919	21,590	21,127	97	87	1 212	110,516	247,936	2,243	1,781
48	38	95 867	29 303,707	620 195,213	21,164	20,702	98	88	729	64,795	137,420	2,121	1,658
49	39	95 562	28 498,154	590 891,506	20,734	20,272	99	89	419	36,320	72,625	2,000	1,537
							100	90	226	19,118	36,305	1,899	1,437

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
							50	39	95 282	27 721,425	564 716,480	20,371	19,909
0							51	40	94 914	26 940,847	536 995,054	19,932	19,470
1							52	41	94 514	26 173,130	510 054,208	19,488	19,025
2							53	42	94 067	25 414,084	483 881,078	19,040	18,577
3							54	43	93 567	24 662,394	458 466,994	18,590	18,127
4							55	44	93 015	23 918,923	433 804,600	18,136	17,674
5							56	45	92 399	23 180,885	409 885,677	17,682	17,220
6							57	46	91 715	22 448,083	386 704,791	17,227	16,764
7							58	47	90 959	21 719,991	364 256,708	16,771	16,308
8							59	48	90 139	20 999,242	342 536,717	16,312	15,849
9							60	49	89 220	20 278,229	321 537,475	15,856	15,394
10							61	50	88 219	19 561,621	301 259,247	15,401	14,938
11	0	99 550	75 871,667	2 466 127,451	32,504	32,042	62	51	87 123	18 847,531	281 697,625	14,946	14,484
12	1	99 255	73 801,978	2 390 255,784	32,387	31,925	63	52	85 920	18 133,983	262 850,094	14,495	14,032
13	2	99 225	71 979,542	2 316 453,806	32,182	31,720	64	53	84 620	17 424,006	244 716,111	14,045	13,582
14	3	99 202	70 208,191	2 244 474,264	31,969	31,506	65	54	83 218	16 717,241	227 292,104	13,596	13,134
15	4	99 180	68 480,506	2 174 266,073	31,750	31,288	66	55	81 714	16 014,888	210 574,863	13,149	12,686
16	5	99 156	66 793,717	2 105 785,566	31,527	31,064	67	56	80 092	15 313,990	194 559,975	12,705	12,242
17	6	99 126	65 145,274	2 038 991,849	31,299	30,837	68	57	78 378	14 620,742	179 245,985	12,260	11,797
18	7	99 093	63 534,779	1 973 846,575	31,067	30,605	69	58	76 550	13 931,485	164 625,243	11,817	11,354
19	8	99 050	61 958,273	1 910 311,795	30,832	30,370	70	59	74 623	13 249,612	150 693,758	11,373	10,911
20	9	99 003	60 418,349	1 848 353,522	30,593	30,130	71	60	72 605	12 576,905	137 444,146	10,928	10,466
21	10	98 956	58 917,276	1 787 935,173	30,347	29,884	72	61	70 432	11 902,823	124 867,240	10,491	10,028
22	11	98 911	57 453,827	1 729 017,897	30,094	29,632	73	62	68 197	11 244,128	112 964,418	10,047	9,584
23	12	98 862	56 024,706	1 671 564,070	29,836	29,374	74	63	65 826	10 588,398	101 720,289	9,607	9,144
24	13	98 814	54 631,830	1 615 539,363	29,571	29,109	75	64	63 342	9 940,357	91 131,891	9,168	8,705
25	14	98 761	53 270,721	1 560 907,533	29,301	28,839	76	65	60 720	9 296,475	81 191,534	8,734	8,271
26	15	98 708	51 943,688	1 507 636,812	29,024	28,562	77	66	57 978	8 660,134	71 895,058	8,302	7,839
27	16	98 653	50 648,573	1 455 693,124	28,741	28,279	78	67	55 156	8 037,727	63 234,924	7,867	7,405
28	17	98 596	49 384,705	1 405 044,550	28,451	27,989	79	68	52 197	7 420,903	55 197,197	7,438	6,976
29	18	98 538	48 151,672	1 355 659,846	28,154	27,692	80	69	49 108	6 811,504	47 776,294	7,014	6,552
30	19	98 473	46 946,443	1 307 508,174	27,851	27,389	81	70	45 833	6 202,205	40 964,791	6,605	6,142
31	20	98 405	45 769,696	1 260 561,731	27,541	27,079	82	71	42 443	5 603,333	34 762,585	6,204	5,741
32	21	98 333	44 620,442	1 214 792,035	27,225	26,763	83	72	38 952	5 016,998	29 159,252	5,812	5,350
33	22	98 256	43 498,158	1 170 171,592	26,902	26,439	84	73	35 338	4 440,576	24 142,255	5,437	4,974
34	23	98 170	42 400,360	1 126 673,434	26,572	26,110	85	74	31 634	3 878,177	19 701,679	5,080	4,618
35	24	98 085	41 330,373	1 084 273,074	26,234	25,772	86	75	27 893	3 336,185	15 823,502	4,743	4,281
36	25	97 995	40 285,254	1 042 942,701	25,889	25,427	87	76	24 198	2 823,603	12 487,316	4,422	3,960
37	26	97 890	39 260,344	1 002 657,447	25,539	25,076	88	77	20 609	2 346,144	9 663,714	4,119	3,657
38	27	97 775	38 257,745	963 397,104	25,182	24,719	89	78	17 164	1 906,310	7 317,570	3,839	3,376
39	28	97 655	37 278,885	925 139,359	24,817	24,354	90	79	13 939	1 510,353	5 411,260	3,583	3,120
40	29	97 519	36 319,005	887 860,474	24,446	23,984	91	80	11 032	1 166,221	3 900,907	3,345	2,882
41	30	97 374	35 380,592	851 541,469	24,068	23,606	92	81	8 507	877,375	2 734,686	3,117	2,654
42	31	97 205	34 457,826	816 160,878	23,686	23,223	93	82	6 335	637,442	1 857,311	2,914	2,451
43	32	97 037	33 559,027	781 703,051	23,293	22,831	94	83	4 559	447,493	1 219,868	2,726	2,264
44	33	96 849	32 677,323	748 144,025	22,895	22,432	95	84	3 145	301,152	772,375	2,565	2,102
45	34	96 648	31 813,894	715 466,702	22,489	22,027	96	85	2 087	195,045	471,223	2,416	1,954
46	35	96 429	30 967,786	683 652,807	22,076	21,614	97	86	1 325	120,819	276,178	2,286	1,823
47	36	96 185	30 136,076	652 685,021	21,658	21,196	98	87	809	71,922	155,359	2,160	1,698
48	37	95 915	29 318,511	622 548,945	21,234	20,772	99	88	472	40,961	83,437	2,037	1,575
49	38	95 615	28 513,954	593 230,434	20,805	20,342	100	89	259	21,944	42,475	1,936	1,473

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	27 736,795	566 843,196	20,437	19,974
1							51	39	94 975	26 958,387	539 106,402	19,998	19,535
2							52	40	94 574	26 189,711	512 148,015	19,555	19,093
3							53	41	94 136	25 432,725	485 958,304	19,108	18,645
4							54	42	93 643	24 682,309	460 525,579	18,658	18,196
5							55	43	93 099	23 940,367	435 843,270	18,205	17,743
6							56	44	92 486	23 202,832	411 902,903	17,752	17,290
7							57	45	91 814	22 472,256	388 700,072	17,297	16,834
8							58	46	91 066	21 745,742	366 227,816	16,841	16,379
9							59	47	90 256	21 026,563	344 482,074	16,383	15,921
10							60	48	89 356	20 309,040	323 455,511	15,927	15,464
11							61	49	88 368	19 594,620	303 146,471	15,471	15,008
12	0	99 543	74 016,022	2 392 879,614	32,329	31,867	62	50	87 284	18 882,348	283 551,851	15,017	14,554
13	1	99 247	71 995,555	2 318 863,592	32,208	31,746	63	51	86 099	18 171,717	264 669,503	14,565	14,102
14	2	99 215	70 217,418	2 246 868,037	31,999	31,536	64	52	84 807	17 462,501	246 497,786	14,116	13,653
15	3	99 190	68 487,334	2 176 650,619	31,782	31,319	65	53	83 425	16 758,779	229 035,285	13,667	13,204
16	4	99 165	66 799,866	2 108 163,284	31,559	31,097	66	54	81 940	16 059,120	212 276,506	13,218	12,756
17	5	99 133	65 149,701	2 041 363,418	31,333	30,871	67	55	80 342	15 361,802	196 217,386	12,773	12,311
18	6	99 100	63 539,419	1 976 213,717	31,102	30,640	68	56	78 644	14 670,351	180 855,584	12,328	11,866
19	7	99 054	61 961,224	1 912 674,298	30,869	30,406	69	57	76 838	13 984,013	166 185,233	11,884	11,422
20	8	99 010	60 422,704	1 850 713,074	30,629	30,167	70	58	74 936	13 305,142	152 201,220	11,439	10,977
21	9	98 962	58 920,408	1 790 290,371	30,385	29,922	71	59	72 943	12 635,464	138 896,078	10,993	10,530
22	10	98 916	57 457,021	1 731 369,963	30,133	29,671	72	60	70 795	11 964,161	126 260,614	10,553	10,091
23	11	98 869	56 029,015	1 673 912,941	29,876	29,413	73	61	68 581	11 307,293	114 296,453	10,108	9,646
24	12	98 820	54 635,283	1 617 883,926	29,612	29,150	74	62	66 231	10 653,619	102 989,161	9,667	9,205
25	13	98 769	53 274,932	1 563 248,643	29,343	28,881	75	63	63 773	10 008,013	92 335,542	9,226	8,764
26	14	98 717	51 948,481	1 509 973,711	29,067	28,604	76	64	61 173	9 365,865	82 327,528	8,790	8,328
27	15	98 665	50 654,438	1 458 025,230	28,784	28,321	77	65	58 446	8 730,094	72 961,663	8,357	7,895
28	16	98 609	49 391,019	1 407 370,793	28,494	28,032	78	66	55 644	8 108,742	64 231,569	7,921	7,459
29	17	98 551	48 157,915	1 357 979,774	28,198	27,736	79	67	52 690	7 491,003	56 122,827	7,492	7,030
30	18	98 489	46 954,065	1 309 821,858	27,896	27,433	80	68	49 614	6 881,725	48 631,824	7,067	6,604
31	19	98 421	45 777,220	1 262 867,793	27,587	27,125	81	69	46 368	6 274,654	41 750,099	6,654	6,191
32	20	98 349	44 627,747	1 217 090,573	27,272	26,810	82	70	42 982	5 674,559	35 475,445	6,252	5,789
33	21	98 273	43 505,545	1 172 462,826	26,950	26,487	83	71	39 497	5 087,276	29 800,886	5,858	5,396
34	22	98 187	42 407,475	1 128 957,281	26,622	26,159	84	72	35 874	4 507,960	24 713,611	5,482	5,020
35	23	98 102	41 337,134	1 086 549,806	26,285	25,823	85	73	32 173	3 944,187	20 205,650	5,123	4,660
36	24	98 011	40 291,872	1 045 212,672	25,941	25,479	86	74	28 410	3 398,002	16 261,463	4,786	4,323
37	25	97 909	39 267,978	1 004 920,799	25,591	25,129	87	75	24 695	2 881,580	12 863,461	4,464	4,002
38	26	97 792	38 264,565	965 652,821	25,236	24,774	88	76	21 076	2 399,285	9 981,881	4,160	3,698
39	27	97 675	37 286,706	927 388,256	24,872	24,409	89	77	17 585	1 953,064	7 582,596	3,882	3,420
40	28	97 542	36 327,650	890 101,550	24,502	24,040	90	78	14 329	1 552,596	5 629,533	3,626	3,163
41	29	97 398	35 389,324	853 773,900	24,125	23,663	91	79	11 383	1 203,292	4 076,937	3,388	2,926
42	30	97 233	34 467,573	818 384,576	23,744	23,281	92	80	8 818	909,443	2 873,645	3,160	2,697
43	31	97 068	33 569,836	783 917,002	23,352	22,889	93	81	6 602	664,290	1 964,201	2,957	2,494
44	32	96 882	32 688,303	750 347,166	22,955	22,492	94	82	4 783	469,564	1 299,911	2,768	2,306
45	33	96 681	31 825,040	717 658,863	22,550	22,088	95	83	3 328	318,746	830,348	2,605	2,143
46	34	96 466	30 979,614	685 833,823	22,138	21,676	96	84	2 230	208,334	511,602	2,456	1,993
47	35	96 230	30 150,155	654 854,208	21,720	21,257	97	85	1 431	130,431	303,268	2,325	1,863
48	36	95 961	29 332,499	624 704,054	21,297	20,835	98	86	884	78,627	172,837	2,198	1,736
49	37	95 663	28 528,359	595 371,555	20,869	20,407	99	87	524	45,467	94,209	2,072	1,610
							100	88	292	24,749	48,742	1,970	1,507

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	37	95 383	27 750,807	568 789,507	20,496	20,034
							51	38	95 028	26 973,333	541 038,700	20,058	19,596
							52	39	94 636	26 206,763	514 065,367	19,616	19,153
							53	40	94 196	25 448,837	487 858,604	19,170	18,708
							54	41	93 712	24 700,413	462 409,767	18,721	18,258
							55	42	93 174	23 959,699	437 709,354	18,269	17,806
							56	43	92 569	23 223,633	413 749,656	17,816	17,353
							57	44	91 901	22 493,531	390 526,023	17,362	16,899
							58	45	91 165	21 769,158	368 032,491	16,906	16,444
							59	46	90 363	21 051,492	346 263,333	16,448	15,986
							60	47	89 472	20 335,463	325 211,841	15,992	15,530
							61	48	88 502	19 624,392	304 876,378	15,536	15,073
							62	49	87 431	18 914,201	285 251,986	15,081	14,619
13	0	99 535	72 204,361	2 321 280,550	32,149	31,686	63	50	86 258	18 205,286	266 337,784	14,630	14,167
14	1	99 237	70 233,039	2 249 076,189	32,023	31,561	64	51	84 984	17 498,837	248 132,499	14,180	13,718
15	2	99 203	68 496,335	2 178 843,151	31,810	31,347	65	52	83 609	16 795,804	230 633,661	13,732	13,269
16	3	99 175	66 806,527	2 110 346,815	31,589	31,127	66	53	82 144	16 099,022	213 837,857	13,283	12,820
17	4	99 142	65 155,699	2 043 540,289	31,364	30,902	67	54	80 564	15 404,229	197 738,835	12,837	12,374
18	5	99 107	63 543,736	1 978 384,590	31,134	30,672	68	55	78 889	14 716,153	182 334,606	12,390	11,928
19	6	99 062	61 965,748	1 914 840,854	30,902	30,439	69	56	77 099	14 031,461	167 618,452	11,946	11,483
20	7	99 014	60 425,582	1 852 875,105	30,664	30,201	70	57	75 218	13 355,309	153 586,991	11,507	11,038
21	8	98 969	58 924,655	1 792 449,524	30,419	29,957	71	58	73 249	12 688,420	140 231,682	11,052	10,590
22	9	98 922	57 460,075	1 733 524,869	30,169	29,707	72	59	71 124	12 019,866	127 543,262	10,611	10,149
23	10	98 875	56 032,130	1 676 064,794	29,913	29,450	73	60	68 934	11 365,562	115 523,396	10,164	9,702
24	11	98 828	54 639,485	1 620 032,663	29,649	29,187	74	61	66 603	10 713,466	104 157,834	9,722	9,260
25	12	98 775	53 278,299	1 565 393,178	29,381	28,919	75	62	64 166	10 069,659	93 444,368	9,280	8,817
26	13	98 725	51 952,587	1 512 114,879	29,106	28,643	76	63	61 590	9 429,611	83 374,709	8,842	8,379
27	14	98 674	50 659,111	1 460 162,292	28,823	28,361	77	64	58 882	8 795,257	73 945,098	8,407	7,945
28	15	98 620	49 396,738	1 409 503,181	28,534	28,072	78	65	56 093	8 174,248	65 149,841	7,970	7,508
29	16	98 563	48 164,073	1 360 106,443	28,239	27,777	79	66	53 155	7 557,187	56 975,594	7,539	7,077
30	17	98 502	46 960,153	1 311 942,371	27,937	27,475	80	67	50 083	6 946,732	49 418,406	7,114	6,651
31	18	98 437	45 784,652	1 264 982,217	27,629	27,167	81	68	46 847	6 339,341	42 471,675	6,700	6,237
32	19	98 365	44 635,084	1 219 197,565	27,315	26,852	82	69	43 484	5 740,844	36 132,334	6,294	5,831
33	20	98 289	43 512,667	1 174 562,482	26,994	26,531	83	70	39 999	5 151,942	30 391,490	5,899	5,437
34	21	98 204	42 414,677	1 131 049,814	26,666	26,204	84	71	36 377	4 571,108	25 239,548	5,522	5,059
35	22	98 118	41 344,071	1 088 635,137	26,331	25,869	85	72	32 661	4 004,039	20 668,440	5,162	4,699
36	23	98 027	40 298,464	1 047 291,067	25,988	25,526	86	73	28 894	3 455,839	16 664,401	4,822	4,360
37	24	97 925	39 274,429	1 006 992,603	25,640	25,177	87	74	25 152	2 934,973	13 208,562	4,500	4,038
38	25	97 811	38 272,006	967 718,174	25,285	24,823	88	75	21 508	2 448,550	10 273,588	4,196	3,733
39	26	97 693	37 293,353	929 446,168	24,923	24,460	89	76	17 983	1 997,302	7 825,039	3,918	3,455
40	27	97 563	36 335,271	892 152,815	24,553	24,091	90	77	14 680	1 590,674	5 827,737	3,664	3,201
41	28	97 421	35 397,749	855 817,543	24,177	23,715	91	78	11 701	1 236,946	4 237,063	3,425	2,963
42	29	97 257	34 476,081	820 419,795	23,797	23,334	92	79	9 098	938,352	3 000,117	3,197	2,735
43	30	97 095	33 579,332	785 943,714	23,406	22,943	93	80	6 843	688,570	2 061,764	2,994	2,532
44	31	96 913	32 698,832	752 364,382	23,009	22,546	94	81	4 985	489,341	1 373,195	2,806	2,344
45	32	96 714	31 835,734	719 665,549	22,606	22,143	95	82	3 492	334,467	883,854	2,643	2,180
46	33	96 500	30 990,468	687 829,815	22,195	21,732	96	83	2 360	220,505	549,387	2,491	2,029
47	34	96 267	30 161,670	656 839,347	21,777	21,315	97	84	1 528	139,318	328,882	2,361	1,898
48	35	96 006	29 346,201	626 677,677	21,355	20,892	98	85	954	84,883	189,564	2,233	1,771
49	36	95 709	28 541,969	597 331,476	20,928	20,466	99	86	573	49,706	104,682	2,106	1,644
							100	87	325	27,471	54,976	2,001	1,539

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	27 764,046	570 570,653	20,551	20,088
1							51	37	95 076	26 986,960	542 806,606	20,114	19,651
2							52	38	94 688	26 221,292	515 819,647	19,672	19,209
3							53	39	94 257	25 465,406	489 598,355	19,226	18,764
4							54	40	93 771	24 716,061	464 132,949	18,779	18,316
5							55	41	93 242	23 977,273	439 416,887	18,326	17,864
6							56	42	92 644	23 242,386	415 439,615	17,874	17,412
7							57	43	91 983	22 513,697	392 197,229	17,420	16,958
8							58	44	91 251	21 789,768	369 683,532	16,966	16,504
9							59	45	90 460	21 074,161	347 893,764	16,508	16,046
10							60	46	89 578	20 359,573	326 819,603	16,052	15,590
11							61	47	88 617	19 649,925	306 460,031	15,596	15,134
12							62	48	87 564	18 942,940	286 810,106	15,141	14,678
13							63	49	86 404	18 235,996	267 867,166	14,689	14,227
14	0	99 525	70 436,733	2 251 302,958	31,962	31,500	64	50	85 141	17 531,163	249 631,170	14,239	13,777
15	1	99 225	68 511,573	2 180 866,225	31,832	31,370	65	51	83 783	16 830,753	232 100,007	13,790	13,328
16	2	99 188	66 815,307	2 112 354,652	31,615	31,152	66	52	82 325	16 134,590	215 269,253	13,342	12,880
17	3	99 152	65 162,195	2 045 539,345	31,392	30,929	67	53	80 764	15 442,505	199 134,664	12,895	12,433
18	4	99 116	63 549,586	1 980 377,150	31,163	30,700	68	54	79 107	14 756,797	183 692,159	12,448	11,986
19	5	99 068	61 969,959	1 916 827,564	30,932	30,469	69	55	77 340	14 075,269	168 935,361	12,002	11,540
20	6	99 022	60 429,994	1 854 857,605	30,694	30,232	70	56	75 474	13 400,624	154 860,092	11,556	11,094
21	7	98 973	58 927,461	1 794 427,611	30,451	29,989	71	57	73 525	12 736,261	141 459,468	11,107	10,644
22	8	98 929	57 464,217	1 735 500,150	30,201	29,739	72	58	71 422	12 070,242	128 723,207	10,665	10,202
23	9	98 880	56 035,109	1 678 035,933	29,946	29,484	73	59	69 255	11 418,480	116 652,965	10,216	9,754
24	10	98 833	54 642,523	1 622 000,824	29,684	29,221	74	60	66 947	10 768,675	105 234,484	9,772	9,310
25	11	98 783	53 282,397	1 567 358,301	29,416	28,954	75	61	64 526	10 126,226	94 465,809	9,329	8,866
26	12	98 731	51 955,870	1 514 075,905	29,142	28,679	76	62	61 969	9 487,694	84 339,583	8,889	8,427
27	13	98 682	50 663,115	1 462 120,034	28,860	28,397	77	63	59 283	8 855,119	74 851,889	8,453	7,991
28	14	98 629	49 401,295	1 411 456,919	28,571	28,109	78	64	56 512	8 235,261	65 996,771	8,014	7,552
29	15	98 575	48 169,649	1 362 055,624	28,276	27,814	79	65	53 585	7 618,237	57 761,510	7,582	7,120
30	16	98 515	46 966,158	1 313 885,975	27,975	27,513	80	66	50 525	7 008,107	50 143,272	7,155	6,693
31	17	98 450	45 790,589	1 266 919,817	27,668	27,205	81	67	47 289	6 399,224	43 135,165	6,741	6,278
32	18	98 381	44 642,330	1 221 129,228	27,354	26,891	82	68	43 933	5 800,027	36 735,941	6,334	5,871
33	19	98 305	43 519,821	1 176 486,898	27,033	26,571	83	69	40 466	5 212,122	30 935,913	5,935	5,473
34	20	98 220	42 421,620	1 132 967,077	26,707	26,245	84	70	36 839	4 629,213	25 723,791	5,557	5,094
35	21	98 135	41 351,092	1 090 545,457	26,373	25,910	85	71	33 118	4 060,128	21 094,578	5,196	4,733
36	22	98 044	40 305,226	1 049 194,365	26,031	25,569	86	72	29 332	3 508,281	17 034,451	4,855	4,393
37	23	97 941	39 280,854	1 008 889,139	25,684	25,222	87	73	25 581	2 984,929	13 526,170	4,531	4,069
38	24	97 827	38 278,294	969 608,285	25,330	24,868	88	74	21 907	2 493,919	10 541,241	4,227	3,764
39	25	97 712	37 300,605	931 329,991	24,968	24,506	89	75	18 352	2 038,312	8 047,321	3,948	3,486
40	26	97 580	36 341,749	894 029,386	24,601	24,138	90	76	15 013	1 626,703	6 009,009	3,694	3,232
41	27	97 442	35 405,175	857 687,637	24,225	23,763	91	77	11 988	1 267,283	4 382,305	3,458	2,996
42	28	97 280	34 484,288	822 282,463	23,845	23,383	92	78	9 353	964,597	3 115,022	3,229	2,767
43	29	97 119	33 587,620	787 798,175	23,455	22,993	93	79	7 061	710,458	2 150,425	3,027	2,564
44	30	96 940	32 708,082	754 210,554	23,059	22,596	94	80	5 167	507,226	1 439,968	2,839	2,376
45	31	96 745	31 845,989	721 502,473	22,656	22,194	95	81	3 639	348,553	932,741	2,676	2,214
46	32	96 532	31 000,881	689 656,484	22,246	21,784	96	82	2 476	231,380	584,188	2,525	2,062
47	33	96 301	30 172,237	658 655,603	21,830	21,367	97	83	1 618	147,457	352,808	2,393	1,930
48	34	96 042	29 357,410	628 483,365	21,408	20,946	98	84	1 019	90,666	205,351	2,265	1,802
49	35	95 754	28 555,303	599 125,956	20,981	20,519	99	85	618	53,660	114,684	2,137	1,675
							100	86	355	30,032	61,024	2,032	1,570

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	27 777,017	572 201,076	20,600	20,137
1							51	36	95 121	26 999,835	544 424,060	20,164	19,702
2							52	37	94 736	26 234,539	517 424,225	19,723	19,261
3							53	38	94 310	25 479,525	491 189,686	19,278	18,815
4							54	39	93 832	24 732,153	465 710,162	18,830	18,368
5							55	40	93 301	23 992,463	440 978,009	18,380	17,917
6							56	41	92 712	23 259,434	416 985,546	17,928	17,465
7							57	42	92 057	22 531,877	393 726,112	17,474	17,012
8							58	43	91 333	21 809,302	371 194,235	17,020	16,558
9							59	44	90 546	21 094,113	349 384,933	16,563	16,101
10							60	45	89 674	20 381,496	328 290,820	16,107	15,645
11							61	46	88 722	19 673,222	307 909,324	15,651	15,189
12							62	47	87 678	18 967,585	288 236,102	15,196	14,734
13							63	48	86 535	18 263,704	269 268,517	14,743	14,281
14							64	49	85 285	17 560,737	251 004,812	14,294	13,831
15	0	99 513	68 710,274	2 182 918,139	31,770	31,307	65	50	83 938	16 861,845	233 444,076	13,845	13,382
16	1	99 210	66 830,171	2 114 207,865	31,636	31,173	66	51	82 497	16 168,163	216 582,231	13,396	12,933
17	2	99 165	65 170,759	2 047 377,694	31,416	30,953	67	52	80 942	15 476,622	200 414,068	12,949	12,487
18	3	99 126	63 555,923	1 982 206,935	31,188	30,726	68	53	79 304	14 793,464	184 937,446	12,501	12,039
19	4	99 077	61 975,664	1 918 651,013	30,958	30,496	69	54	77 553	14 114,143	170 143,982	12,055	11,592
20	5	99 028	60 434,100	1 856 675,349	30,722	30,260	70	55	75 709	13 442,462	156 029,839	11,607	11,145
21	6	98 981	58 931,764	1 796 241,249	30,480	30,018	71	56	73 775	12 779,476	142 587,377	11,158	10,695
22	7	98 933	57 466,954	1 737 309,485	30,231	29,769	72	57	71 692	12 115,753	129 807,901	10,714	10,252
23	8	98 887	56 039,147	1 679 842,531	29,976	29,514	73	58	69 545	11 466,336	117 692,148	10,264	9,802
24	9	98 839	54 645,427	1 623 803,384	29,715	29,253	74	59	67 258	10 818,814	106 225,812	9,819	9,356
25	10	98 788	53 285,359	1 569 157,956	29,448	28,986	75	60	64 859	10 178,409	95 406,997	9,373	8,911
26	11	98 739	51 959,866	1 515 872,597	29,174	28,711	76	61	62 317	9 540,992	85 228,589	8,933	8,470
27	12	98 688	50 666,317	1 463 912,731	28,893	28,431	77	62	59 648	8 909,663	75 687,597	8,495	8,033
28	13	98 637	49 405,200	1 413 246,414	28,605	28,143	78	63	56 896	8 291,312	66 777,934	8,054	7,592
29	14	98 584	48 174,093	1 363 841,214	28,311	27,848	79	64	53 985	7 675,101	58 486,622	7,620	7,158
30	15	98 526	46 971,596	1 315 667,120	28,010	27,547	80	65	50 934	7 064,722	50 811,521	7,192	6,730
31	16	98 463	45 796,444	1 268 695,525	27,703	27,241	81	66	47 707	6 455,762	43 746,800	6,776	6,314
32	17	98 394	44 648,119	1 222 899,081	27,390	26,927	82	67	44 348	5 854,816	37 291,037	6,369	5,907
33	18	98 321	43 526,886	1 178 250,962	27,069	26,607	83	68	40 884	5 265,855	31 436,221	5,970	5,507
34	19	98 236	42 428,594	1 134 724,076	26,744	26,282	84	69	37 270	4 683,287	26 170,366	5,588	5,126
35	20	98 151	41 357,862	1 092 295,482	26,411	25,948	85	70	33 539	4 111,737	21 487,079	5,226	4,763
36	21	98 061	40 312,071	1 050 937,620	26,070	25,608	86	71	29 743	3 557,425	17 375,342	4,884	4,422
37	22	97 957	39 287,446	1 010 625,550	25,724	25,261	87	72	25 969	3 030,225	13 817,917	4,560	4,098
38	23	97 843	38 284,555	971 338,104	25,372	24,909	88	73	22 280	2 536,368	10 787,692	4,253	3,791
39	24	97 728	37 306,733	933 053,548	25,010	24,548	89	74	18 693	2 076,081	8 251,324	3,974	3,512
40	25	97 599	36 348,816	895 746,815	24,643	24,181	90	75	15 321	1 660,105	6 175,243	3,720	3,257
41	26	97 459	35 411,487	859 398,000	24,269	23,806	91	76	12 259	1 295,988	4 515,139	3,484	3,022
42	27	97 300	34 491,522	823 986,513	23,890	23,427	92	77	9 582	988,254	3 219,151	3,257	2,795
43	28	97 142	33 595,616	789 494,991	23,500	23,038	93	78	7 258	730,328	2 230,897	3,055	2,592
44	29	96 964	32 716,155	755 899,375	23,105	22,642	94	79	5 331	523,350	1 500,568	2,867	2,405
45	30	96 772	31 854,997	723 183,220	22,702	22,240	95	80	3 772	361,293	977,219	2,705	2,242
46	31	96 563	31 010,867	691 328,223	22,293	21,831	96	81	2 581	241,125	615,925	2,554	2,092
47	32	96 333	30 182,376	660 317,356	21,878	21,415	97	82	1 697	154,730	374,800	2,422	1,960
48	33	96 076	29 367,695	630 134,981	21,457	20,994	98	83	1 079	95,963	220,070	2,293	1,831
49	34	95 790	28 566,209	600 767,285	21,031	20,568	99	84	661	57,316	124,107	2,165	1,703
							100	85	383	32,421	66,791	2,060	1,598

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	27 787,626	573 691,897	20,646	20,183
1							51	35	95 166	27 012,448	545 904,271	20,209	19,747
2							52	36	94 781	26 247,055	518 891,823	19,770	19,307
3							53	37	94 357	25 492,397	492 644,769	19,325	18,863
4							54	38	93 884	24 745,865	467 152,372	18,878	18,416
5							55	39	93 362	24 008,084	442 406,507	18,427	17,965
6							56	40	92 771	23 274,169	418 398,424	17,977	17,515
7							57	41	92 125	22 548,403	395 124,254	17,523	17,061
8							58	42	91 406	21 826,913	372 575,851	17,070	16,607
9							59	43	90 627	21 113,024	350 748,938	16,613	16,150
10							60	44	89 759	20 400,792	329 635,914	16,158	15,696
11							61	45	88 818	19 694,406	309 235,122	15,702	15,239
12							62	46	87 782	18 990,073	289 540,715	15,247	14,785
13							63	47	86 648	18 287,467	270 550,642	14,794	14,332
14							64	48	85 414	17 587,419	252 263,175	14,343	13,881
15							65	49	84 079	16 890,289	234 675,757	13,894	13,432
16	0	99 497	67 023,995	2 116 099,011	31,572	31,110	66	50	82 649	16 198,030	217 785,468	13,445	12,983
17	1	99 187	65 185,257	2 049 075,016	31,435	30,972	67	51	81 111	15 508,826	201 587,437	12,998	12,536
18	2	99 139	63 564,275	1 983 889,759	31,211	30,748	68	52	79 479	14 826,147	186 078,611	12,551	12,088
19	3	99 087	61 981,844	1 920 325,484	30,982	30,520	69	53	77 746	14 149,213	171 252,464	12,103	11,641
20	4	99 037	60 439,664	1 858 343,640	30,747	30,285	70	54	75 918	13 479,589	157 103,251	11,655	11,192
21	5	98 987	58 935,768	1 797 903,976	30,506	30,044	71	55	74 005	12 819,375	143 623,662	11,204	10,741
22	6	98 941	57 471,150	1 738 968,208	30,258	29,796	72	56	71 935	12 156,862	130 804,287	10,760	10,297
23	7	98 892	56 041,817	1 681 497,058	30,004	29,542	73	57	69 807	11 509,569	118 647,425	10,309	9,846
24	8	98 846	54 649,366	1 625 455,241	29,743	29,281	74	58	67 540	10 864,157	107 137,856	9,862	9,399
25	9	98 793	53 288,191	1 570 805,876	29,478	29,015	75	59	65 161	10 225,800	96 273,699	9,415	8,952
26	10	98 744	51 962,755	1 517 517,684	29,204	28,742	76	60	62 638	9 590,159	86 047,899	8,973	8,510
27	11	98 695	50 670,214	1 465 554,929	28,923	28,461	77	61	59 983	8 959,714	76 457,741	8,534	8,071
28	12	98 643	49 408,323	1 414 884,715	28,637	28,174	78	62	57 247	8 342,383	67 498,027	8,091	7,629
29	13	98 592	48 177,901	1 365 476,393	28,342	27,880	79	63	54 352	7 727,339	59 155,644	7,655	7,193
30	14	98 535	46 975,929	1 317 298,491	28,042	27,580	80	64	51 314	7 117,453	51 428,305	7,226	6,763
31	15	98 474	45 801,746	1 270 322,562	27,735	27,273	81	65	48 092	6 507,915	44 310,852	6,809	6,346
32	16	98 406	44 653,827	1 224 520,816	27,423	26,960	82	66	44 739	5 906,544	37 802,937	6,400	5,938
33	17	98 333	43 532,530	1 179 866,989	27,103	26,641	83	67	41 270	5 315,598	31 896,392	6,001	5,538
34	18	98 252	42 435,482	1 136 334,458	26,778	26,316	84	68	37 654	4 731,568	26 580,794	5,618	5,155
35	19	98 167	41 364,661	1 093 898,976	26,445	25,983	85	69	33 931	4 159,767	21 849,226	5,253	4,790
36	20	98 077	40 318,670	1 052 534,315	26,105	25,643	86	70	30 121	3 602,644	17 689,459	4,910	4,448
37	21	97 974	39 294,118	1 012 215,645	25,760	25,298	87	71	26 333	3 072,672	14 086,815	4,585	4,122
38	22	97 860	38 290,980	972 921,528	25,409	24,946	88	72	22 618	2 574,857	11 014,143	4,278	3,815
39	23	97 744	37 312,836	934 630,548	25,048	24,586	89	73	19 011	2 111,417	8 439,286	3,997	3,535
40	24	97 615	36 354,788	897 317,712	24,682	24,220	90	74	15 605	1 690,865	6 327,868	3,742	3,280
41	25	97 478	35 418,372	860 962,924	24,308	23,846	91	75	12 511	1 322,599	4 637,003	3,506	3,044
42	26	97 318	34 497,671	825 544,552	23,930	23,468	92	76	9 799	1 010,638	3 314,405	3,280	2,817
43	27	97 163	33 602,664	791 046,881	23,541	23,079	93	77	7 436	748,240	2 303,766	3,079	2,616
44	28	96 987	32 723,943	757 444,217	23,146	22,684	94	78	5 480	537,987	1 555,526	2,891	2,429
45	29	96 796	31 862,859	724 720,274	22,745	22,283	95	79	3 892	372,778	1 017,539	2,730	2,267
46	30	96 591	31 019,639	692 857,414	22,336	21,874	96	80	2 675	249,939	644,761	2,580	2,117
47	31	96 364	30 192,098	661 837,775	21,921	21,458	97	81	1 769	161,246	394,823	2,449	1,986
48	32	96 108	29 377,563	631 645,678	21,501	21,039	98	82	1 132	100,696	233,576	2,320	1,857
49	33	95 824	28 576,217	602 268,114	21,076	20,613	99	83	699	60,665	132,880	2,190	1,728
							100	84	409	34,630	72,216	2,085	1,623

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	27 797,361	575 054,637	20,687	20,225
1							51	34	95 202	27 022,765	547 257,276	20,252	19,789
2							52	35	94 825	26 259,316	520 234,511	19,811	19,349
3							53	36	94 402	25 504,559	493 975,195	19,368	18,906
4							54	37	93 931	24 758,366	468 470,637	18,922	18,459
5							55	38	93 414	24 021,394	443 712,270	18,472	18,009
6							56	39	92 831	23 289,322	419 690,876	18,021	17,558
7							57	40	92 183	22 562,688	396 401,554	17,569	17,106
8							58	41	91 473	21 842,923	373 838,865	17,115	16,652
9							59	42	90 700	21 130,072	351 995,942	16,659	16,196
10							60	43	89 840	20 419,082	330 865,870	16,204	15,741
11							61	44	88 902	19 713,052	310 446,788	15,748	15,286
12							62	45	87 877	19 010,522	290 733,736	15,293	14,831
13							63	46	86 750	18 309,148	271 723,214	14,841	14,378
14							64	47	85 525	17 610,301	253 414,066	14,390	13,928
15							65	48	84 207	16 915,952	235 803,765	13,940	13,477
16							66	49	82 788	16 225,355	218 887,813	13,490	13,028
17	0	99 475	65 374,311	2 050 818,308	31,370	30,908	67	50	81 260	15 537,475	202 662,458	13,043	12,581
18	1	99 161	63 578,416	1 985 443,997	31,228	30,766	68	51	79 644	14 856,998	187 124,982	12,595	12,133
19	2	99 100	61 989,989	1 921 865,581	31,003	30,540	69	52	77 918	14 180,473	172 267,984	12,148	11,686
20	3	99 047	60 445,690	1 859 875,592	30,769	30,307	70	53	76 107	13 513,082	158 087,511	11,699	11,236
21	4	98 997	58 941,194	1 799 429,902	30,529	30,067	71	54	74 209	12 854,780	144 574,429	11,247	10,784
22	5	98 947	57 475,055	1 740 488,708	30,283	29,820	72	55	72 160	12 194,817	131 719,649	10,801	10,339
23	6	98 899	56 045,909	1 683 013,653	30,029	29,567	73	56	70 044	11 548,622	119 524,832	10,350	9,887
24	7	98 850	54 651,969	1 626 967,744	29,770	29,307	74	57	67 795	10 905,120	107 976,210	9,901	9,439
25	8	98 800	53 292,032	1 572 315,775	29,504	29,041	75	58	65 434	10 268,657	97 071,090	9,453	8,991
26	9	98 750	51 965,517	1 519 023,743	29,231	28,769	76	59	62 930	9 634,811	86 802,434	9,009	8,547
27	10	98 701	50 673,031	1 467 058,226	28,951	28,489	77	60	60 293	9 005,885	77 167,623	8,569	8,106
28	11	98 651	49 412,122	1 416 385,195	28,665	28,202	78	61	57 568	8 389,247	68 161,738	8,125	7,662
29	12	98 598	48 180,946	1 366 973,072	28,372	27,909	79	62	54 687	7 774,936	59 772,491	7,688	7,225
30	13	98 543	46 979,642	1 318 792,126	28,072	27,609	80	63	51 663	7 165,896	51 997,554	7,256	6,794
31	14	98 483	45 805,972	1 271 812,484	27,765	27,303	81	64	48 451	6 556,491	44 831,658	6,838	6,375
32	15	98 418	44 658,998	1 226 006,512	27,453	26,990	82	65	45 101	5 954,260	38 275,168	6,428	5,966
33	16	98 346	43 538,096	1 181 347,514	27,134	26,671	83	66	41 634	5 362,562	32 320,908	6,027	5,565
34	17	98 265	42 440,985	1 137 809,418	26,809	26,347	84	67	38 010	4 776,264	26 958,346	5,644	5,182
35	18	98 183	41 371,376	1 095 368,433	26,476	26,014	85	68	34 281	4 202,651	22 182,081	5,278	4,816
36	19	98 093	40 325,298	1 053 997,057	26,137	25,675	86	69	30 473	3 644,727	17 979,431	4,933	4,471
37	20	97 990	39 300,550	1 013 671,759	25,793	25,330	87	70	26 667	3 111,730	14 334,703	4,607	4,144
38	21	97 876	38 297,483	974 371,208	25,442	24,980	88	71	22 935	2 610,925	11 222,973	4,298	3,836
39	22	97 760	37 319,097	936 073,726	25,083	24,621	89	72	19 299	2 143,458	8 612,048	4,018	3,555
40	23	97 631	36 360,735	898 754,629	24,718	24,255	90	73	15 870	1 719,645	6 468,590	3,762	3,299
41	24	97 494	35 424,191	862 393,894	24,345	23,882	91	74	12 743	1 347,105	4 748,945	3,525	3,063
42	25	97 337	34 504,379	826 969,702	23,967	23,505	92	75	10 000	1 031,390	3 401,840	3,298	2,836
43	26	97 180	33 608,654	792 465,323	23,579	23,117	93	76	7 605	765,188	2 370,450	3,098	2,635
44	27	97 008	32 730,808	758 856,669	23,185	22,722	94	77	5 615	551,182	1 605,262	2,912	2,450
45	28	96 819	31 870,444	726 125,861	22,784	22,321	95	78	4 001	383,204	1 054,080	2,751	2,288
46	29	96 614	31 027,295	694 255,416	22,376	21,913	96	79	2 760	257,884	670,876	2,601	2,139
47	30	96 391	30 200,638	663 228,121	21,961	21,498	97	80	1 834	167,140	412,993	2,471	2,009
48	31	96 139	29 387,026	633 027,483	21,541	21,079	98	81	1 180	104,937	245,853	2,343	1,880
49	32	95 856	28 585,820	603 640,457	21,117	20,654	99	82	734	63,657	140,916	2,214	1,751
							100	83	433	36,653	77,259	2,108	1,645

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	27 806,702	576 300,272	20,725	20,263
1							51	33	95 236	27 032,232	548 493,570	20,290	19,828
2							52	34	94 862	26 269,346	521 461,338	19,851	19,388
3							53	35	94 446	25 516,473	495 191,992	19,407	18,944
4							54	36	93 976	24 770,178	469 675,519	18,961	18,499
5							55	37	93 461	24 033,529	444 905,341	18,512	18,049
6							56	38	92 883	23 302,234	420 871,811	18,061	17,599
7							57	39	92 243	22 577,378	397 569,577	17,609	17,147
8							58	40	91 531	21 856,761	374 992,199	17,157	16,694
9							59	41	90 767	21 145,571	353 135,438	16,700	16,238
10							60	42	89 912	20 435,570	331 989,867	16,246	15,783
11							61	43	88 981	19 730,725	311 554,297	15,790	15,328
12							62	44	87 960	19 028,520	291 823,572	15,336	14,874
13							63	45	86 844	18 328,864	272 795,052	14,883	14,421
14							64	46	85 627	17 631,180	254 466,188	14,433	13,970
15							65	47	84 316	16 937,961	236 835,008	13,982	13,520
16							66	48	82 914	16 250,008	219 897,047	13,532	13,070
17							67	49	81 398	15 563,686	203 647,039	13,085	12,622
18	0	99 448	63 762,810	1 987 051,296	31,163	30,701	68	50	79 791	14 884,443	188 083,353	12,636	12,174
19	1	99 122	62 003,780	1 923 288,486	31,019	30,556	69	51	78 080	14 209,980	173 198,910	12,189	11,726
20	2	99 060	60 453,634	1 861 284,706	30,789	30,326	70	52	76 275	13 542,936	158 988,930	11,740	11,277
21	3	99 006	58 947,071	1 800 831,072	30,550	30,088	71	53	74 394	12 886,721	145 445,994	11,287	10,824
22	4	98 957	57 480,346	1 741 884,001	30,304	29,842	72	54	72 359	12 228,498	132 559,273	10,840	10,378
23	5	98 906	56 049,717	1 684 403,655	30,052	29,590	73	55	70 263	11 584,678	120 330,775	10,387	9,925
24	6	98 858	54 655,959	1 628 353,938	29,793	29,330	74	56	68 025	10 942,121	108 746,097	9,938	9,476
25	7	98 805	53 294,570	1 573 697,978	29,528	29,066	75	57	65 681	10 307,374	97 803,976	9,489	9,026
26	8	98 757	51 969,262	1 520 403,408	29,256	28,793	76	58	63 194	9 675,191	87 496,601	9,043	8,581
27	9	98 706	50 675,725	1 468 434,146	28,977	28,515	77	59	60 573	9 047,817	77 821,410	8,601	8,139
28	10	98 657	49 414,870	1 417 758,421	28,691	28,229	78	60	57 865	8 432,479	68 773,594	8,156	7,693
29	11	98 605	48 184,652	1 368 343,551	28,398	27,935	79	61	54 994	7 818,613	60 341,115	7,718	7,255
30	12	98 549	46 982,612	1 320 158,900	28,099	27,636	80	62	51 981	7 210,035	52 522,502	7,285	6,822
31	13	98 491	45 809,593	1 273 176,288	27,793	27,330	81	63	48 781	6 601,115	45 312,467	6,864	6,402
32	14	98 427	44 663,118	1 227 366,696	27,481	27,018	82	64	45 437	5 998,703	38 711,351	6,453	5,991
33	15	98 357	43 543,137	1 182 703,578	27,162	26,699	83	65	41 971	5 405,883	32 712,648	6,051	5,589
34	16	98 277	42 446,411	1 139 160,441	26,838	26,375	84	66	38 345	4 818,463	27 306,765	5,667	5,205
35	17	98 195	41 376,741	1 096 714,029	26,506	26,043	85	67	34 605	4 242,350	22 488,302	5,301	4,838
36	18	98 109	40 331,845	1 055 337,289	26,166	25,704	86	68	30 787	3 682,302	18 245,952	4,955	4,493
37	19	98 006	39 307,011	1 015 005,444	25,823	25,360	87	69	26 979	3 148,078	14 563,650	4,626	4,164
38	20	97 892	38 303,752	975 698,432	25,473	25,010	88	70	23 226	2 644,114	11 415,572	4,317	3,855
39	21	97 777	37 325,435	937 394,680	25,114	24,652	89	71	19 570	2 173,483	8 771,458	4,036	3,573
40	22	97 647	36 366,836	900 069,245	24,750	24,287	90	72	16 111	1 745,740	6 597,975	3,779	3,317
41	23	97 510	35 429,986	863 702,409	24,378	23,915	91	73	12 960	1 370,034	4 852,234	3,542	3,079
42	24	97 353	34 510,048	828 272,422	24,001	23,538	92	74	10 186	1 050,501	3 482,200	3,315	2,852
43	25	97 199	33 615,190	793 762,374	23,613	23,151	93	75	7 761	780,900	2 431,699	3,114	2,652
44	26	97 025	32 736,643	760 147,185	23,220	22,758	94	76	5 742	563,666	1 650,800	2,929	2,466
45	27	96 840	31 877,130	727 410,541	22,819	22,357	95	77	4 099	392,602	1 087,134	2,769	2,307
46	28	96 637	31 034,681	695 533,411	22,411	21,949	96	78	2 837	265,096	694,531	2,620	2,158
47	29	96 415	30 208,092	664 498,730	21,997	21,535	97	79	1 892	172,453	429,435	2,490	2,028
48	30	96 167	29 395,339	634 290,638	21,578	21,116	98	80	1 223	108,772	256,982	2,363	1,900
49	31	95 887	28 595,027	604 895,299	21,154	20,691	99	81	765	66,338	148,210	2,234	1,772
							100	82	454	38,461	81,872	2,129	1,666

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	27 815,658	577 438,835	20,759	20,297
1							51	32	95 268	27 041,316	549 623,177	20,325	19,863
2							52	33	94 895	26 278,549	522 581,861	19,886	19,424
3							53	34	94 482	25 526,219	496 303,312	19,443	18,980
4							54	35	94 020	24 781,749	470 777,093	18,997	18,535
5							55	36	93 506	24 044,995	445 995,343	18,548	18,086
6							56	37	92 929	23 314,006	421 950,348	18,099	17,636
7							57	38	92 294	22 589,896	398 636,342	17,647	17,184
8							58	39	91 591	21 870,991	376 046,446	17,194	16,731
9							59	40	90 824	21 158,967	354 175,455	16,739	16,276
10							60	41	89 978	20 450,559	333 016,487	16,284	15,822
11							61	42	89 053	19 746,657	312 565,928	15,829	15,366
12							62	43	88 039	19 045,579	292 819,271	15,375	14,912
13							63	44	86 926	18 346,217	273 773,691	14,923	14,460
14							64	45	85 719	17 650,165	255 427,475	14,472	14,009
15							65	46	84 416	16 958,043	237 777,310	14,022	13,559
16							66	47	83 022	16 271,150	220 819,267	13,571	13,109
17							67	48	81 521	15 587,333	204 548,117	13,123	12,660
18							68	49	79 926	14 909,552	188 960,783	12,674	12,211
19	0	99 410	62 183,607	1 924 770,665	30,953	30,491	69	50	78 224	14 236,230	174 051,231	12,226	11,764
20	1	99 082	60 467,083	1 862 587,059	30,803	30,341	70	51	76 434	13 571,117	159 815,001	11,776	11,314
21	2	99 019	58 954,818	1 802 119,976	30,568	30,105	71	52	74 558	12 915,192	146 243,884	11,323	10,861
22	3	98 966	57 486,078	1 743 165,158	30,323	29,861	72	53	72 539	12 258,882	133 328,693	10,876	10,414
23	4	98 915	56 054,877	1 685 679,081	30,072	29,610	73	54	70 457	11 616,673	121 069,810	10,422	9,960
24	5	98 864	54 659,673	1 629 624,204	29,814	29,352	74	55	68 237	10 976,284	109 453,137	9,972	9,509
25	6	98 812	53 298,462	1 574 964,530	29,550	29,087	75	56	65 904	10 342,348	98 476,853	9,522	9,059
26	7	98 762	51 971,738	1 521 666,068	29,279	28,816	76	57	63 432	9 711,671	88 134,505	9,075	8,613
27	8	98 713	50 679,377	1 469 694,331	29,000	28,537	77	58	60 827	9 085,737	78 422,835	8,631	8,169
28	9	98 662	49 417,496	1 419 014,954	28,715	28,252	78	59	58 135	8 471,117	69 337,098	8,185	7,722
29	10	98 611	48 187,331	1 369 597,457	28,422	27,960	79	60	55 277	7 858,904	60 865,357	7,745	7,282
30	11	98 557	46 986,225	1 321 410,127	28,123	27,661	80	61	52 273	7 250,538	53 006,453	7,311	6,848
31	12	98 497	45 812,488	1 274 423,902	27,818	27,356	81	62	49 081	6 641,776	45 755,915	6,889	6,427
32	13	98 434	44 666,648	1 228 611,414	27,506	27,044	82	63	45 747	6 039,532	39 114,140	6,476	6,014
33	14	98 367	43 547,154	1 183 944,766	27,188	26,725	83	64	42 284	5 446,233	33 074,608	6,073	5,611
34	15	98 288	42 451,326	1 140 397,611	26,864	26,401	84	65	38 655	4 857,389	27 628,375	5,688	5,225
35	16	98 208	41 382,031	1 097 946,285	26,532	26,070	85	66	34 910	4 279,832	22 770,986	5,321	4,858
36	17	98 121	40 337,075	1 056 564,254	26,193	25,731	86	67	31 078	3 717,086	18 491,154	4,975	4,512
37	18	98 022	39 313,393	1 016 227,180	25,849	25,387	87	68	27 257	3 180,532	14 774,068	4,645	4,183
38	19	97 908	38 310,049	976 913,787	25,500	25,038	88	69	23 498	2 675,000	11 593,536	4,334	3,872
39	20	97 793	37 331,545	938 603,738	25,142	24,680	89	70	19 818	2 201,111	8 918,536	4,052	3,589
40	21	97 664	36 373,012	901 272,192	24,779	24,316	90	71	16 337	1 770,195	6 717,425	3,795	3,332
41	22	97 526	35 435,932	864 899,180	24,407	23,945	91	72	13 157	1 390,824	4 947,230	3,557	3,095
42	23	97 369	34 515,694	829 463,248	24,031	23,569	92	73	10 359	1 068,381	3 556,406	3,329	2,866
43	24	97 215	33 620,712	794 947,555	23,645	23,182	93	74	7 905	795,369	2 488,024	3,128	2,666
44	25	97 044	32 743,009	761 326,842	23,252	22,789	94	75	5 860	575,240	1 692,655	2,943	2,480
45	26	96 857	31 882,813	728 583,833	22,852	22,390	95	76	4 192	401,495	1 117,415	2,783	2,321
46	27	96 658	31 041,192	696 701,020	22,444	21,982	96	77	2 907	271,598	715,921	2,636	2,174
47	28	96 438	30 215,283	665 659,828	22,031	21,568	97	78	1 945	177,276	444,323	2,506	2,044
48	29	96 190	29 402,594	635 444,545	21,612	21,149	98	79	1 262	112,230	267,046	2,379	1,917
49	30	95 914	28 603,116	606 041,951	21,188	20,726	99	80	793	68,763	154,816	2,251	1,789
							100	81	474	40,081	86,054	2,147	1,685

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	27 823,526	578 478,797	20,791	20,329
1							51	31	95 298	27 050,026	550 655,270	20,357	19,895
2							52	32	94 927	26 287,379	523 605,244	19,919	19,456
3							53	33	94 516	25 535,162	497 317,865	19,476	19,013
4							54	34	94 056	24 791,215	471 782,703	19,030	18,568
5							55	35	93 549	24 056,228	446 991,488	18,581	18,119
6							56	36	92 974	23 325,129	422 935,260	18,132	17,670
7							57	37	92 341	22 601,308	399 610,131	17,681	17,218
8							58	38	91 642	21 883,117	377 008,823	17,228	16,766
9							59	39	90 884	21 172,743	355 125,706	16,773	16,310
10							60	40	90 035	20 463,515	333 952,963	16,319	15,857
11							61	41	89 118	19 761,141	313 489,448	15,864	15,402
12							62	42	88 110	19 060,959	293 728,307	15,410	14,948
13							63	43	87 004	18 362,664	274 667,348	14,958	14,496
14							64	44	85 800	17 666,875	256 304,684	14,508	14,045
15							65	45	84 507	16 976,303	238 637,809	14,057	13,595
16							66	46	83 120	16 290,441	221 661,506	13,607	13,144
17							67	47	81 627	15 607,613	205 371,064	13,158	12,696
18							68	48	80 047	14 932,206	189 763,451	12,708	12,246
19							69	49	78 356	14 260,245	174 831,245	12,260	11,798
20	0	99 370	60 642,453	1 863 954,132	30,737	30,274	70	50	76 575	13 596,187	160 571,000	11,810	11,348
21	1	99 041	58 967,933	1 803 311,679	30,581	30,119	71	51	74 713	12 942,066	146 974,813	11,356	10,894
22	2	98 979	57 493,633	1 744 343,746	30,340	29,877	72	52	72 699	12 285,966	134 032,747	10,909	10,447
23	3	98 925	56 060,466	1 686 850,113	30,090	29,627	73	53	70 632	11 645,538	121 746,781	10,454	9,992
24	4	98 873	54 664,705	1 630 789,647	29,833	29,370	74	54	68 426	11 006,599	110 101,243	10,003	9,541
25	5	98 819	53 302,084	1 576 124,942	29,570	29,107	75	55	66 109	10 374,638	99 094,644	9,552	9,089
26	6	98 769	51 975,533	1 522 822,858	29,299	28,836	76	56	63 647	9 744,623	88 720,007	9,105	8,642
27	7	98 718	50 681,791	1 470 847,325	29,021	28,559	77	57	61 057	9 119,994	78 975,384	8,660	8,197
28	8	98 669	49 421,058	1 420 165,534	28,736	28,274	78	58	58 378	8 507,246	69 855,390	8,211	7,749
29	9	98 616	48 189,892	1 370 744,477	28,445	27,982	79	59	55 535	7 895,495	61 348,143	7,770	7,308
30	10	98 562	46 988,837	1 322 554,584	28,146	27,684	80	60	52 543	7 287,902	53 452,648	7,334	6,872
31	11	98 505	45 816,011	1 275 565,747	27,841	27,379	81	61	49 357	6 679,086	46 164,746	6,912	6,449
32	12	98 441	44 669,471	1 229 749,736	27,530	27,068	82	62	46 029	6 076,733	39 485,660	6,498	6,035
33	13	98 374	43 550,597	1 185 080,265	27,212	26,749	83	63	42 572	5 483,301	33 408,927	6,093	5,630
34	14	98 298	42 455,242	1 141 529,668	26,888	26,425	84	64	38 944	4 893,645	27 925,626	5,707	5,244
35	15	98 219	41 386,822	1 099 074,426	26,556	26,094	85	65	35 192	4 314,407	23 031,981	5,338	4,876
36	16	98 134	40 342,232	1 057 687,603	26,218	25,755	86	66	31 353	3 749,927	18 717,575	4,991	4,529
37	17	98 035	39 318,490	1 017 345,371	25,874	25,412	87	67	27 514	3 210,577	14 967,648	4,662	4,200
38	18	97 924	38 316,269	978 026,881	25,525	25,063	88	68	23 740	2 702,577	11 757,071	4,350	3,888
39	19	97 809	37 337,682	939 710,612	25,168	24,705	89	69	20 050	2 226,823	9 054,494	4,066	3,604
40	20	97 680	36 378,967	902 372,930	24,805	24,342	90	70	16 545	1 792,696	6 827,671	3,809	3,346
41	21	97 543	35 441,950	865 993,963	24,434	23,972	91	71	13 341	1 410,307	5 034,975	3,570	3,108
42	22	97 385	34 521,485	830 552,013	24,059	23,597	92	72	10 516	1 084,594	3 624,668	3,342	2,880
43	23	97 231	33 626,212	796 030,527	23,673	23,210	93	73	8 039	808,907	2 540,075	3,140	2,678
44	24	97 060	32 748,388	762 404,315	23,281	22,818	94	74	5 969	585,899	1 731,168	2,955	2,492
45	25	96 876	31 889,013	729 655,927	22,881	22,419	95	75	4 278	409,739	1 145,269	2,795	2,333
46	26	96 675	31 046,726	697 766,914	22,475	22,012	96	76	2 973	277,750	735,530	2,648	2,186
47	27	96 458	30 221,622	666 720,188	22,061	21,599	97	77	1 992	181,624	457,780	2,520	2,058
48	28	96 213	29 409,593	636 498,566	21,643	21,180	98	78	1 297	115,369	276,156	2,394	1,931
49	29	95 938	28 610,176	607 088,973	21,219	20,757	99	79	818	70,948	160,788	2,266	1,804
							100	80	491	41,546	89,839	2,162	1,700

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	27 830,394	579 427,956	20,820	20,358
1							51	30	95 325	27 057,678	551 597,562	20,386	19,924
2							52	31	94 957	26 295,847	524 539,885	19,948	19,485
3							53	32	94 547	25 543,742	498 244,038	19,506	19,043
4							54	33	94 089	24 799,900	472 700,296	19,061	18,598
5							55	34	93 585	24 065,416	447 900,395	18,612	18,149
6							56	35	93 017	23 336,026	423 834,979	18,162	17,700
7							57	36	92 385	22 612,090	400 498,954	17,712	17,249
8							58	37	91 688	21 894,172	377 886,863	17,260	16,797
9							59	38	90 934	21 184,482	355 992,691	16,804	16,342
10							60	39	90 094	20 476,839	334 808,210	16,351	15,888
11							61	40	89 175	19 773,660	314 331,371	15,896	15,434
12							62	41	88 174	19 074,940	294 557,711	15,442	14,980
13							63	42	87 074	18 377,492	275 482,771	14,990	14,528
14							64	43	85 877	17 682,714	257 105,279	14,540	14,078
15							65	44	84 587	16 992,376	239 422,566	14,090	13,628
16							66	45	83 210	16 307,983	222 430,190	13,639	13,177
17							67	46	81 724	15 626,118	206 122,207	13,191	12,728
18							68	47	80 151	14 951,633	190 496,089	12,741	12,278
19							69	48	78 475	14 281,913	175 544,456	12,291	11,829
20							70	49	76 704	13 619,122	161 262,543	11,841	11,378
21	0	99 329	59 138,956	1 804 572,860	30,514	30,052	71	50	74 851	12 965,974	147 643,421	11,387	10,925
22	1	99 001	57 506,423	1 745 433,905	30,352	29,890	72	51	72 850	12 311,531	134 677,447	10,939	10,477
23	2	98 938	56 067,834	1 687 927,482	30,105	29,643	73	52	70 788	11 671,266	122 365,916	10,484	10,022
24	3	98 883	54 670,156	1 631 859,648	29,849	29,387	74	53	68 596	11 033,947	110 694,650	10,032	9,570
25	4	98 828	53 306,991	1 577 189,492	29,587	29,124	75	54	66 292	10 403,291	99 660,703	9,580	9,117
26	5	98 775	51 979,064	1 523 882,502	29,317	28,855	76	55	63 846	9 775,047	89 257,411	9,131	8,669
27	6	98 725	50 685,492	1 471 903,438	29,040	28,578	77	56	61 264	9 150,939	79 482,365	8,686	8,223
28	7	98 674	49 423,412	1 421 217,946	28,756	28,294	78	57	58 598	8 539,322	70 331,426	8,236	7,774
29	8	98 623	48 193,365	1 371 794,534	28,464	28,002	79	58	55 767	7 928,586	61 792,103	7,794	7,331
30	9	98 568	46 991,335	1 323 601,169	28,167	27,705	80	59	52 787	7 321,835	53 863,518	7,357	6,894
31	10	98 510	45 818,558	1 276 609,834	27,862	27,400	81	60	49 612	6 713,505	46 541,683	6,933	6,470
32	11	98 448	44 672,907	1 230 791,275	27,551	27,089	82	61	46 287	6 110,869	39 828,178	6,518	6,055
33	12	98 381	43 553,349	1 186 118,369	27,234	26,771	83	62	42 834	5 517,076	33 717,309	6,111	5,649
34	13	98 305	42 458,598	1 142 565,020	26,910	26,448	84	63	39 209	4 926,952	28 200,232	5,724	5,261
35	14	98 228	41 390,641	1 100 106,421	26,579	26,116	85	64	35 455	4 346,610	23 273,280	5,354	4,892
36	15	98 145	40 346,903	1 058 715,781	26,240	25,778	86	65	31 606	3 780,220	18 926,671	5,007	4,544
37	16	98 047	39 323,517	1 018 368,877	25,897	25,435	87	66	27 757	3 238,943	15 146,450	4,676	4,214
38	17	97 937	38 321,237	979 045,360	25,548	25,086	88	67	23 964	2 728,106	11 907,508	4,365	3,902
39	18	97 825	37 343,744	940 724,123	25,191	24,729	89	68	20 256	2 249,779	9 179,401	4,080	3,618
40	19	97 696	36 384,947	903 380,378	24,828	24,366	90	69	16 738	1 813,637	6 929,622	3,821	3,358
41	20	97 559	35 447,752	866 995,431	24,458	23,996	91	70	13 510	1 428,234	5 115,985	3,582	3,120
42	21	97 401	34 527,348	831 547,679	24,084	23,621	92	71	10 664	1 099,787	3 687,751	3,353	2,891
43	22	97 247	33 631,855	797 020,331	23,698	23,236	93	72	8 161	821,182	2 587,965	3,152	2,689
44	23	97 076	32 753,746	763 388,476	23,307	22,844	94	73	6 070	595,871	1 766,783	2,965	2,503
45	24	96 892	31 894,252	730 634,730	22,908	22,446	95	74	4 358	417,331	1 170,911	2,806	2,343
46	25	96 694	31 052,763	698 740,478	22,502	22,039	96	75	3 034	283,453	753,580	2,659	2,196
47	26	96 475	30 227,010	667 687,716	22,089	21,627	97	76	2 038	185,738	470,128	2,531	2,069
48	27	96 233	29 415,763	637 460,706	21,671	21,208	98	77	1 329	118,198	284,390	2,406	1,944
49	28	95 961	28 616,986	608 044,943	21,248	20,785	99	78	841	72,933	166,191	2,279	1,816
							100	79	506	42,866	93,259	2,176	1,713

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	28	95 679	27 837,019	580 294,181	20,846	20,384
							51	29	95 349	27 064,356	552 457,162	20,413	19,950
							52	30	94 984	26 303,285	525 392,806	19,974	19,512
							53	31	94 578	25 551,970	499 089,521	19,532	19,070
							54	32	94 121	24 808,233	473 537,551	19,088	18,625
							55	33	93 618	24 073,847	448 729,318	18,640	18,177
							56	34	93 053	23 344,939	424 655,470	18,190	17,728
							57	35	92 428	22 622,654	401 310,532	17,739	17,277
							58	36	91 732	21 904,617	378 687,878	17,288	16,826
							59	37	90 980	21 195,184	356 783,260	16,833	16,371
							60	38	90 144	20 488,191	335 588,077	16,380	15,917
							61	39	89 233	19 786,534	315 099,885	15,925	15,463
							62	40	88 230	19 087,024	295 313,351	15,472	15,010
							63	41	87 138	18 390,971	276 226,327	15,020	14,557
							64	42	85 946	17 696,993	257 835,356	14,569	14,107
							65	43	84 663	17 007,609	240 138,363	14,119	13,657
							66	44	83 289	16 323,423	223 130,754	13,669	13,207
							67	45	81 812	15 642,944	206 807,331	13,220	12,758
							68	46	80 246	14 969,360	191 164,387	12,770	12,308
							69	47	78 577	14 300,494	176 195,027	12,321	11,858
							70	48	76 821	13 639,815	161 894,533	11,869	11,407
							71	49	74 978	12 987,846	148 254,717	11,415	10,952
	0	99 289	57 673,206	1 746 597,687	30,284	29,822	72	50	72 985	12 334,274	135 266,871	10,967	10,504
	1	98 960	56 080,307	1 688 924,481	30,116	29,654	73	51	70 935	11 695,552	122 932,597	10,511	10,049
	2	98 896	54 677,341	1 632 844,174	29,863	29,401	74	52	68 747	11 058,325	111 237,045	10,059	9,597
	3	98 838	53 312,306	1 578 166,834	29,602	29,140	75	53	66 457	10 429,141	100 178,720	9,606	9,143
	4	98 785	51 983,850	1 524 854,528	29,333	28,871	76	54	64 022	9 802,044	89 749,580	9,156	8,694
	5	98 732	50 688,936	1 472 870,678	29,057	28,595	77	55	61 455	9 179,509	79 947,536	8,709	8,247
	6	98 681	49 427,021	1 422 181,743	28,773	28,311	78	56	58 797	8 568,297	70 768,027	8,259	7,797
	7	98 628	48 195,661	1 372 754,722	28,483	28,021	79	57	55 978	7 958,480	62 199,730	7,816	7,353
	8	98 575	46 994,722	1 324 559,061	28,185	27,723	80	58	53 008	7 352,521	54 241,250	7,377	6,915
	9	98 515	45 820,994	1 277 564,339	27,882	27,419	81	59	49 843	6 744,764	46 888,729	6,952	6,489
	10	98 454	44 675,390	1 231 743,346	27,571	27,109	82	60	46 526	6 142,360	40 143,965	6,536	6,073
	11	98 388	43 556,699	1 187 067,955	27,253	26,791	83	61	43 075	5 548,069	34 001,605	6,129	5,666
	12	98 312	42 461,282	1 143 511,256	26,931	26,468	84	62	39 450	4 957,300	28 453,536	5,740	5,277
	13	98 236	41 393,913	1 101 049,975	26,599	26,137	85	63	35 696	4 376,194	23 496,236	5,369	4,907
	14	98 154	40 350,626	1 059 656,062	26,261	25,799	86	64	31 842	3 808,436	19 120,043	5,020	4,558
	15	98 059	39 328,071	1 019 305,437	25,918	25,456	87	65	27 982	3 265,108	15 311,606	4,689	4,227
	16	97 949	38 326,137	979 977,366	25,569	25,107	88	66	24 176	2 752,210	12 046,498	4,377	3,915
	17	97 837	37 348,586	941 651,229	25,212	24,750	89	67	20 448	2 271,031	9 294,288	4,093	3,630
	18	97 712	36 390,854	904 302,643	24,850	24,387	90	68	16 910	1 832,334	7 023,257	3,833	3,371
	19	97 575	35 453,579	867 911,788	24,480	24,018	91	69	13 668	1 444,917	5 190,923	3,593	3,130
	20	97 417	34 533,001	832 458,209	24,106	23,644	92	70	10 799	1 113,766	3 746,006	3,363	2,901
	21	97 264	33 637,567	797 925,208	23,721	23,259	93	71	8 276	832,685	2 632,240	3,161	2,699
	22	97 092	32 759,242	764 287,642	23,330	22,868	94	72	6 162	604,913	1 799,554	2,975	2,512
	23	96 908	31 899,469	731 528,400	22,932	22,470	95	73	4 432	424,434	1 194,641	2,815	2,352
	24	96 710	31 057,865	699 628,931	22,527	22,064	96	74	3 090	288,705	770,207	2,668	2,205
	25	96 494	30 232,887	668 571,066	22,114	21,652	97	75	2 079	189,552	481,502	2,540	2,078
	26	96 251	29 421,007	638 338,178	21,697	21,234	98	76	1 359	120,876	291,950	2,415	1,953
	27	95 981	28 622,990	608 917,171	21,274	20,811	99	77	861	74,721	171,075	2,289	1,827
							100	78	521	44,065	96,353	2,187	1,724

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	27 842,859	581 084,149	20,870	20,408
1							51	28	95 371	27 070,799	553 241,290	20,437	19,974
2							52	29	95 008	26 309,777	526 170,491	19,999	19,537
3							53	30	94 605	25 559,198	499 860,714	19,557	19,095
4							54	31	94 151	24 816,224	474 301,516	19,113	18,650
5							55	32	93 649	24 081,937	449 485,292	18,665	18,202
6							56	33	93 085	23 353,117	425 403,355	18,216	17,754
7							57	34	92 463	22 631,294	402 050,238	17,765	17,303
8							58	35	91 775	21 914,850	379 418,943	17,313	16,851
9							59	36	91 023	21 205,296	357 504,093	16,859	16,397
10							60	37	90 189	20 498,542	336 298,797	16,406	15,944
11							61	38	89 282	19 797,504	315 800,256	15,952	15,489
12							62	39	88 288	19 099,451	296 002,752	15,498	15,036
13							63	40	87 193	18 402,622	276 903,300	15,047	14,585
14							64	41	86 009	17 709,973	258 500,678	14,596	14,134
15							65	42	84 732	17 021,343	240 790,705	14,146	13,684
16							66	43	83 363	16 338,057	223 769,362	13,696	13,234
17							67	44	81 890	15 657,754	207 431,305	13,248	12,785
18							68	45	80 333	14 985,479	191 773,551	12,797	12,335
19							69	46	78 671	14 317,449	176 788,072	12,348	11,885
20							70	47	76 921	13 657,562	162 470,623	11,896	11,434
21							71	48	75 092	13 007,580	148 813,062	11,440	10,978
22							72	49	73 108	12 355,081	135 805,481	10,992	10,529
23	0	99 247	56 242,954	1 689 998,689	30,048	29,586	73	50	71 066	11 717,157	123 450,401	10,536	10,073
24	1	98 918	54 689,504	1 633 755,735	29,873	29,411	74	51	68 890	11 081,335	111 733,243	10,083	9,621
25	2	98 851	53 319,312	1 579 066,231	29,615	29,153	75	52	66 603	10 452,182	100 651,908	9,630	9,167
26	3	98 794	51 989,033	1 525 746,919	29,347	28,885	76	53	64 181	9 826,400	90 199,727	9,179	8,717
27	4	98 741	50 693,602	1 473 757,886	29,072	28,609	77	54	61 625	9 204,862	80 373,327	8,732	8,269
28	5	98 688	49 430,379	1 423 064,284	28,789	28,327	78	55	58 981	8 595,048	71 168,465	8,280	7,818
29	6	98 635	48 199,180	1 373 633,905	28,499	28,037	79	56	56 168	7 985,484	62 573,417	7,836	7,373
30	7	98 579	46 996,960	1 325 434,725	28,203	27,740	80	57	53 208	7 380,243	54 587,934	7,396	6,934
31	8	98 523	45 824,296	1 278 437,764	27,899	27,436	81	58	50 051	6 773,031	47 207,690	6,970	6,508
32	9	98 459	44 677,765	1 232 613,468	27,589	27,127	82	59	46 742	6 170,959	40 434,659	6,552	6,090
33	10	98 394	43 559,120	1 187 935,703	27,272	26,809	83	60	43 297	5 576,659	34 263,700	6,144	5,682
34	11	98 319	42 464,547	1 144 376,583	26,949	26,487	84	61	39 672	4 985,148	28 687,041	5,755	5,292
35	12	98 242	41 396,529	1 101 912,035	26,618	26,156	85	62	35 916	4 403,149	23 701,893	5,383	4,921
36	13	98 162	40 353,815	1 060 515,507	26,280	25,818	86	63	32 059	3 834,357	19 298,743	5,033	4,571
37	14	98 068	39 331,699	1 020 161,692	25,937	25,475	87	64	28 191	3 289,479	15 464,386	4,701	4,239
38	15	97 961	38 330,574	980 829,993	25,589	25,126	88	65	24 371	2 774,443	12 174,907	4,388	3,926
39	16	97 850	37 353,362	942 499,418	25,232	24,770	89	66	20 628	2 291,096	9 400,464	4,103	3,641
40	17	97 724	36 395,573	905 146,056	24,870	24,407	90	67	17 070	1 849,643	7 109,367	3,844	3,381
41	18	97 591	35 459,335	868 750,483	24,500	24,037	91	68	13 809	1 459,813	5 259,724	3,603	3,141
42	19	97 433	34 538,678	833 291,148	24,126	23,664	92	69	10 925	1 126,776	3 799,911	3,372	2,910
43	20	97 280	33 643,073	798 752,471	23,742	23,280	93	70	8 381	843,270	2 673,135	3,170	2,708
44	21	97 109	32 764,805	765 109,397	23,352	22,889	94	71	6 249	613,387	1 829,865	2,983	2,521
45	22	96 924	31 904,822	732 344,592	22,954	22,492	95	72	4 499	430,875	1 216,478	2,823	2,361
46	23	96 725	31 062,945	700 439,770	22,549	22,087	96	73	3 142	293,619	785,603	2,676	2,213
47	24	96 510	30 237,855	669 376,824	22,137	21,675	97	74	2 118	193,064	491,984	2,548	2,086
48	25	96 269	29 426,728	639 138,970	21,720	21,257	98	75	1 387	123,358	298,920	2,423	1,961
49	26	95 998	28 628,093	609 712,241	21,298	20,835	99	76	881	76,414	175,563	2,298	1,835
							100	77	533	45,146	99,149	2,196	1,734

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	27 847,822	581 803,863	20,892	20,430
1							51	27	95 391	27 076,478	553 956,041	20,459	19,997
2							52	28	95 030	26 316,040	526 879,563	20,021	19,559
3							53	29	94 628	25 565,507	500 563,523	19,580	19,117
4							54	30	94 178	24 823,244	474 998,016	19,135	18,673
5							55	31	93 679	24 089,694	450 174,772	18,687	18,225
6							56	32	93 117	23 360,965	426 085,079	18,239	17,777
7							57	33	92 496	22 639,223	402 724,114	17,789	17,326
8							58	34	91 810	21 923,220	380 084,891	17,337	16,875
9							59	35	91 066	21 215,202	358 161,670	16,882	16,420
10							60	36	90 232	20 508,321	336 946,468	16,430	15,967
11							61	37	89 328	19 807,506	316 438,147	15,976	15,513
12							62	38	88 337	19 110,040	296 630,642	15,522	15,060
13							63	39	87 250	18 414,604	277 520,602	15,071	14,608
14							64	40	86 064	17 721,193	259 105,998	14,621	14,159
15							65	41	84 794	17 033,828	241 384,805	14,171	13,708
16							66	42	83 431	16 351,250	224 350,977	13,721	13,258
17							67	43	81 963	15 671,791	207 999,728	13,272	12,810
18							68	44	80 409	14 999,667	192 327,936	12,822	12,360
19							69	45	78 755	14 332,866	177 328,269	12,372	11,910
20							70	46	77 012	13 673,754	162 995,403	11,920	11,458
21							71	47	75 189	13 024,504	149 321,649	11,465	11,002
22							72	48	73 219	12 373,853	136 297,146	11,015	10,553
23							73	49	71 186	11 736,923	123 923,293	10,558	10,096
24	0	99 205	54 848,118	1 634 747,585	29,805	29,343	74	50	69 018	11 101,806	112 186,369	10,105	9,643
25	1	98 873	53 331,174	1 579 899,467	29,624	29,162	75	51	66 742	10 473,931	101 084,564	9,651	9,189
26	2	98 807	51 995,865	1 526 568,294	29,359	28,897	76	52	64 323	9 848,109	90 610,633	9,201	8,738
27	3	98 751	50 698,657	1 474 572,428	29,085	28,623	77	53	61 778	9 227,733	80 762,524	8,752	8,290
28	4	98 697	49 434,930	1 423 873,771	28,803	28,341	78	54	59 144	8 618,786	71 534,790	8,300	7,837
29	5	98 642	48 202,455	1 374 438,841	28,514	28,051	79	55	56 343	8 010,415	62 916,004	7,854	7,392
30	6	98 586	47 000,392	1 326 236,386	28,218	27,755	80	56	53 389	7 405,285	54 905,589	7,414	6,952
31	7	98 527	45 826,479	1 279 235,994	27,915	27,452	81	57	50 240	6 798,569	47 500,304	6,987	6,524
32	8	98 466	44 680,985	1 233 409,516	27,605	27,142	82	58	46 938	6 196,822	40 701,735	6,568	6,106
33	9	98 399	43 561,436	1 188 728,530	27,289	26,826	83	59	43 498	5 602,624	34 504,913	6,159	5,696
34	10	98 325	42 466,908	1 145 167,095	26,966	26,504	84	60	39 876	5 010,838	28 902,289	5,768	5,306
35	11	98 250	41 399,712	1 102 700,186	26,635	26,173	85	61	36 118	4 427,884	23 891,451	5,396	4,933
36	12	98 168	40 356,366	1 061 300,474	26,298	25,836	86	62	32 256	3 857,975	19 463,567	5,045	4,583
37	13	98 075	39 334,808	1 020 944,108	25,955	25,493	87	63	28 382	3 311,868	15 605,592	4,712	4,250
38	14	97 970	38 334,111	981 609,300	25,607	25,144	88	64	24 553	2 795,152	12 293,723	4,398	3,936
39	15	97 861	37 357,687	943 275,190	25,250	24,787	89	65	20 795	2 309,605	9 498,571	4,113	3,650
40	16	97 737	36 400,227	905 917,503	24,888	24,425	90	66	17 221	1 865,985	7 188,967	3,853	3,390
41	17	97 603	35 463,933	869 517,276	24,518	24,056	91	67	13 940	1 473,603	5 322,982	3,612	3,150
42	18	97 449	34 544,285	834 053,343	24,144	23,682	92	68	11 038	1 138,393	3 849,379	3,381	2,919
43	19	97 296	33 648,604	799 509,059	23,761	23,298	93	69	8 479	853,120	2 710,986	3,178	2,715
44	20	97 124	32 770,169	765 860,454	23,371	22,908	94	70	6 328	621,184	1 857,866	2,991	2,528
45	21	96 940	31 910,241	733 090,285	22,974	22,511	95	71	4 562	436,911	1 236,682	2,831	2,368
46	22	96 742	31 068,158	701 180,045	22,569	22,107	96	72	3 190	298,075	799,772	2,683	2,221
47	23	96 526	30 242,801	670 111,887	22,158	21,695	97	73	2 154	196,350	501,697	2,555	2,093
48	24	96 285	29 431,563	639 869,086	21,741	21,278	98	74	1 413	125,643	305,347	2,430	1,968
49	25	96 017	28 633,659	610 437,523	21,319	20,856	99	75	899	77,983	179,704	2,304	1,842
							100	76	545	46,169	101,721	2,203	1,741

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	27 853,237	582 460,133	20,912	20,449
1							51	26	95 408	27 081,305	554 606,896	20,479	20,017
2							52	27	95 050	26 321,561	527 525,591	20,042	19,579
3							53	28	94 650	25 571,592	501 204,030	19,600	19,138
4							54	29	94 201	24 829,371	475 632,438	19,156	18,694
5							55	30	93 706	24 096,508	450 803,067	18,708	18,246
6							56	31	93 147	23 368,489	426 706,559	18,260	17,797
7							57	32	92 527	22 646,830	403 338,069	17,810	17,347
8							58	33	91 842	21 930,901	380 691,239	17,359	16,896
9							59	34	91 101	21 223,305	358 760,338	16,904	16,442
10							60	35	90 274	20 517,902	337 537,033	16,451	15,988
11							61	36	89 370	19 816,956	317 019,131	15,997	15,535
12							62	37	88 381	19 119,694	297 202,176	15,544	15,082
13							63	38	87 298	18 424,813	278 082,481	15,093	14,630
14							64	39	86 120	17 732,730	259 657,668	14,643	14,180
15							65	40	84 847	17 044,619	241 924,938	14,194	13,731
16							66	41	83 492	16 363,243	224 880,318	13,743	13,281
17							67	42	82 029	15 684,446	208 517,076	13,295	12,832
18							68	43	80 481	15 013,114	192 832,629	12,844	12,382
19							69	44	78 830	14 346,436	177 819,515	12,395	11,932
20							70	45	77 095	13 688,478	163 473,080	11,942	11,480
21							71	46	75 278	13 039,946	149 784,601	11,487	11,024
22							72	47	73 314	12 389,952	136 744,656	11,037	10,574
23							73	48	71 294	11 754,756	124 354,704	10,579	10,117
24							74	49	69 134	11 120,533	112 599,947	10,125	9,663
25	0	99 160	53 485,848	1 580 815,613	29,556	29,093	75	50	66 865	10 493,279	101 479,414	9,671	9,208
26	1	98 829	52 007,432	1 527 329,766	29,368	28,905	76	51	64 457	9 868,601	90 986,135	9,220	8,757
27	2	98 764	50 705,320	1 475 322,333	29,096	28,634	77	52	61 914	9 248,120	81 117,533	8,771	8,309
28	3	98 706	49 439,859	1 424 617,013	28,815	28,353	78	53	59 291	8 640,202	71 869,413	8,318	7,856
29	4	98 651	48 206,893	1 375 177,154	28,527	28,064	79	54	56 499	8 032,539	63 229,211	7,872	7,409
30	5	98 593	47 003,585	1 326 970,262	28,231	27,769	80	55	53 556	7 428,405	55 196,672	7,430	6,968
31	6	98 534	45 829,825	1 279 966,676	27,929	27,466	81	56	50 411	6 821,637	47 768,267	7,002	6,540
32	7	98 471	44 683,113	1 234 136,851	27,620	27,157	82	57	47 115	6 220,187	40 946,631	6,583	6,120
33	8	98 406	43 564,575	1 189 453,738	27,303	26,841	83	58	43 681	5 626,105	34 726,444	6,172	5,710
34	9	98 330	42 469,166	1 145 889,162	26,982	26,519	84	59	40 062	5 034,168	29 100,339	5,781	5,318
35	10	98 255	41 402,014	1 103 419,997	26,651	26,189	85	60	36 304	4 450,702	24 066,170	5,407	4,945
36	11	98 176	40 359,469	1 062 017,983	26,314	25,852	86	61	32 437	3 879,648	19 615,468	5,056	4,594
37	12	98 082	39 337,294	1 021 658,513	25,972	25,509	87	62	28 557	3 332,268	15 735,820	4,722	4,260
38	13	97 978	38 337,141	982 321,219	25,623	25,161	88	63	24 720	2 814,176	12 403,552	4,408	3,945
39	14	97 870	37 361,133	943 984,078	25,266	24,804	89	64	20 950	2 326,844	9 589,376	4,121	3,659
40	15	97 748	36 404,441	906 622,945	24,904	24,442	90	65	17 360	1 881,059	7 262,532	3,861	3,398
41	16	97 616	35 468,467	870 218,504	24,535	24,073	91	66	14 063	1 486,622	5 381,473	3,620	3,158
42	17	97 462	34 548,764	834 750,037	24,162	23,699	92	67	11 142	1 149,146	3 894,851	3,389	2,927
43	18	97 311	33 654,067	800 201,272	23,777	23,315	93	68	8 566	861,915	2 745,704	3,186	2,723
44	19	97 140	32 775,556	766 547,206	23,388	22,925	94	69	6 402	628,440	1 883,789	2,998	2,535
45	20	96 956	31 915,465	733 771,649	22,991	22,529	95	70	4 620	442,464	1 255,349	2,837	2,375
46	21	96 758	31 073,434	701 856,185	22,587	22,125	96	71	3 235	302,250	812,885	2,689	2,227
47	22	96 542	30 247,876	670 782,751	22,176	21,714	97	72	2 187	199,330	510,635	2,562	2,099
48	23	96 301	29 436,378	640 534,875	21,760	21,298	98	73	1 437	127,782	311,305	2,436	1,974
49	24	96 032	28 638,364	611 098,497	21,338	20,876	99	74	915	79,428	183,524	2,311	1,848
							100	75	557	47,116	104,096	2,209	1,747

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	3 185 019,133	31,850	31,387	50	50	94 198	24 263,443	450 200,183	18,555	18,092
1	1	99 373	96 713,571	3 085 019,133	31,899	31,436	51	51	93 723	23 494,774	425 936,740	18,129	17,666
2	2	99 327	94 081,453	2 988 305,562	31,763	31,300	52	52	93 193	22 736,835	402 441,967	17,700	17,237
3	3	99 301	91 539,248	2 894 224,109	31,617	31,154	53	53	92 616	21 991,298	379 705,132	17,266	16,803
4	4	99 279	89 069,850	2 802 684,861	31,466	31,003	54	54	91 970	21 253,303	357 713,834	16,831	16,368
5	5	99 259	86 668,116	2 713 615,011	31,310	30,848	55	55	91 257	20 524,200	336 460,530	16,393	15,931
6	6	99 243	84 335,135	2 626 946,895	31,149	30,686	56	56	90 456	19 799,482	315 936,330	15,957	15,494
7	7	99 227	82 064,608	2 542 611,759	30,983	30,520	57	57	89 579	19 082,771	296 136,848	15,519	15,056
8	8	99 212	79 856,666	2 460 547,152	30,812	30,349	58	58	88 612	18 371,474	277 054,078	15,081	14,618
9	9	99 198	77 707,863	2 380 690,486	30,636	30,174	59	59	87 560	17 667,632	258 682,603	14,642	14,179
10	10	99 184	75 618,001	2 302 982,622	30,455	29,993	60	60	86 397	16 966,363	241 014,971	14,205	13,743
11	11	99 172	73 584,590	2 227 364,622	30,269	29,807	61	61	85 133	16 270,667	224 048,608	13,770	13,307
12	12	99 157	71 604,716	2 153 780,032	30,079	29,616	62	62	83 760	15 579,937	207 777,941	13,336	12,873
13	13	99 142	69 677,715	2 082 175,316	29,883	29,420	63	63	82 269	14 893,005	192 198,004	12,905	12,442
14	14	99 125	67 801,200	2 012 497,600	29,682	29,220	64	64	80 655	14 209,923	177 304,999	12,478	12,015
15	15	99 104	65 972,331	1 944 696,400	29,477	29,015	65	65	78 926	13 533,139	163 095,076	12,052	11,589
16	16	99 077	64 189,237	1 878 724,069	29,269	28,806	66	66	77 091	12 864,810	149 561,937	11,626	11,163
17	17	99 041	62 449,007	1 814 534,831	29,056	28,593	67	67	75 132	12 202,349	136 697,127	11,203	10,740
18	18	99 002	60 753,539	1 752 085,824	28,839	28,376	68	68	73 083	11 551,926	124 494,778	10,777	10,314
19	19	98 948	59 095,114	1 691 332,285	28,621	28,158	69	69	70 917	10 909,492	112 942,852	10,353	9,890
20	20	98 892	57 480,836	1 632 237,171	28,396	27,933	70	70	68 620	10 273,656	102 033,360	9,932	9,469
21	21	98 835	55 910,182	1 574 756,335	28,166	27,703	71	71	66 234	9 650,936	91 759,703	9,508	9,045
22	22	98 778	54 382,559	1 518 846,152	27,929	27,466	72	72	63 690	9 031,888	82 108,768	9,091	8,628
23	23	98 720	52 896,000	1 464 463,593	27,686	27,223	73	73	61 089	8 431,181	73 076,880	8,667	8,205
24	24	98 662	51 450,244	1 411 567,593	27,436	26,973	74	74	58 335	7 835,594	64 645,699	8,250	7,787
25	25	98 601	50 042,071	1 360 117,349	27,179	26,717	75	75	55 488	7 253,675	56 810,104	7,832	7,369
26	26	98 538	48 671,770	1 310 075,278	26,917	26,454	76	76	52 510	6 680,653	49 556,429	7,418	6,955
27	27	98 477	47 339,807	1 261 403,507	26,646	26,183	77	77	49 424	6 119,759	42 875,776	7,006	6,543
28	28	98 412	46 042,424	1 214 063,701	26,368	25,906	78	78	46 298	5 579,335	36 756,016	6,588	6,125
29	29	98 343	44 778,760	1 168 021,277	26,084	25,621	79	79	43 025	5 046,049	31 176,681	6,178	5,716
30	30	98 271	43 548,053	1 123 242,517	25,793	25,330	80	80	39 636	4 524,219	26 130,633	5,776	5,313
31	31	98 191	42 348,172	1 079 694,463	25,496	25,033	81	81	36 105	4 010,903	21 606,413	5,387	4,924
32	32	98 103	41 177,860	1 037 346,291	25,192	24,729	82	82	32 491	3 512,800	17 595,511	5,009	4,546
33	33	98 010	40 037,841	996 168,431	24,881	24,418	83	83	28 815	3 031,979	14 082,711	4,645	4,182
34	34	97 907	38 925,312	956 130,590	24,563	24,100	84	84	25 074	2 567,711	11 050,732	4,304	3,841
35	35	97 801	37 842,439	917 205,279	24,237	23,775	85	85	21 372	2 130,005	8 483,021	3,983	3,520
36	36	97 682	36 784,634	879 362,840	23,906	23,443	86	86	17 779	1 724,540	6 353,016	3,684	3,221
37	37	97 549	35 751,458	842 578,206	23,568	23,105	87	87	14 398	1 359,204	4 628,476	3,405	2,942
38	38	97 402	34 742,346	806 826,748	23,223	22,760	88	88	11 298	1 037,968	3 269,272	3,150	2,687
39	39	97 249	33 759,430	772 084,403	22,870	22,407	89	89	8 548	764,298	2 231,304	2,919	2,457
40	40	97 074	32 796,604	738 324,972	22,512	22,049	90	90	6 217	540,984	1 467,006	2,712	2,249
41	41	96 892	31 859,150	705 528,369	22,145	21,682	91	91	4 330	366,698	926,022	2,525	2,062
42	42	96 681	30 938,796	673 669,218	21,774	21,311	92	92	2 887	237,930	559,324	2,351	1,888
43	43	96 466	30 043,895	642 730,422	21,393	20,930	93	93	1 819	145,931	321,395	2,202	1,740
44	44	96 226	29 167,025	612 686,526	21,006	20,543	94	94	1 086	84,775	175,464	2,070	1,607
45	45	95 968	28 310,379	583 519,502	20,612	20,149	95	95	611	46,416	90,689	1,954	1,491
46	46	95 685	27 471,317	555 209,123	20,211	19,748	96	96	323	23,888	44,273	1,853	1,391
47	47	95 375	26 649,331	527 737,806	19,803	19,340	97	97	160	11,484	20,385	1,775	1,312
48	48	95 029	25 841,994	501 088,475	19,390	18,928	98	98	75	5,258	8,901	1,693	1,230
49	49	94 635	25 046,299	475 246,482	18,975	18,512	99	99	33	2,258	3,643	1,613	1,150
							100	100	13	0,894	1,384	1,549	1,086

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	3 179 184,665	31,884	31,421	50	51	94 025	24 218,703	445 362,795	18,389	17,926
1	2	99 351	96 692,061	3 079 473,852	31,848	31,385	51	52	93 528	23 445,987	421 144,092	17,962	17,499
2	3	99 314	94 069,090	2 982 781,791	31,708	31,246	52	53	92 988	22 686,714	397 698,105	17,530	17,067
3	4	99 291	91 530,121	2 888 712,701	31,560	31,097	53	54	92 387	21 936,791	375 011,391	17,095	16,632
4	5	99 270	89 061,651	2 797 182,580	31,407	30,944	54	55	91 717	21 194,766	353 074,601	16,659	16,196
5	6	99 252	86 662,228	2 708 120,929	31,249	30,786	55	56	90 973	20 460,321	331 879,835	16,221	15,758
6	7	99 236	84 328,978	2 621 458,701	31,086	30,623	56	57	90 150	19 732,528	311 419,514	15,782	15,319
7	8	99 222	82 060,699	2 537 129,723	30,918	30,455	57	58	89 242	19 011,090	291 686,986	15,343	14,880
8	9	99 205	79 850,911	2 455 069,024	30,746	30,283	58	59	88 242	18 294,800	272 675,896	14,905	14,442
9	10	99 192	77 703,733	2 375 218,114	30,568	30,105	59	60	87 154	17 585,752	254 381,096	14,465	14,002
10	11	99 179	75 613,797	2 297 514,381	30,385	29,922	60	61	85 954	16 879,380	236 795,343	14,029	13,566
11	12	99 164	73 578,931	2 221 900,584	30,198	29,735	61	62	84 657	16 179,776	219 915,963	13,592	13,129
12	13	99 151	71 600,191	2 148 321,653	30,004	29,542	62	63	83 248	15 484,558	203 736,187	13,157	12,695
13	14	99 134	69 672,208	2 076 721,462	29,807	29,344	63	64	81 713	14 792,326	188 251,630	12,726	12,263
14	15	99 116	67 794,946	2 007 049,254	29,605	29,142	64	65	80 057	14 104,645	173 459,304	12,298	11,835
15	16	99 092	65 964,694	1 939 254,308	29,398	28,936	65	66	78 293	13 424,688	159 354,659	11,870	11,407
16	17	99 064	64 181,031	1 873 289,615	29,188	28,725	66	67	76 416	12 752,143	145 929,971	11,444	10,981
17	18	99 029	62 440,911	1 809 108,583	28,973	28,510	67	68	74 429	12 088,161	133 177,828	11,017	10,554
18	19	98 986	60 743,678	1 746 667,673	28,755	28,292	68	69	72 338	11 434,050	121 089,667	10,590	10,127
19	20	98 932	59 085,401	1 685 923,995	28,534	28,071	69	70	70 098	10 783,528	109 655,617	10,169	9,706
20	21	98 875	57 471,427	1 626 838,594	28,307	27,844	70	71	67 759	10 144,704	98 872,089	9,746	9,283
21	22	98 818	55 900,689	1 569 367,167	28,074	27,611	71	72	65 319	9 517,613	88 727,385	9,322	8,860
22	23	98 761	54 373,435	1 513 466,478	27,835	27,372	72	73	62 738	8 896,880	79 209,772	8,903	8,440
23	24	98 704	52 887,348	1 459 093,043	27,589	27,126	73	74	60 066	8 290,077	70 312,893	8,482	8,019
24	25	98 646	51 441,792	1 406 205,694	27,336	26,873	74	75	57 274	7 693,048	62 022,816	8,067	7,599
25	26	98 582	50 032,343	1 354 763,902	27,078	26,615	75	76	54 371	7 107,731	54 329,768	7,644	7,181
26	27	98 521	48 663,095	1 304 731,560	26,812	26,349	76	77	51 346	6 532,685	47 222,036	7,229	6,766
27	28	98 457	47 329,877	1 256 068,464	26,539	26,076	77	78	48 241	5 973,262	40 689,351	6,812	6,349
28	29	98 389	46 031,467	1 208 738,587	26,259	25,796	78	79	45 039	5 427,535	34 716,089	6,396	5,933
29	30	98 319	44 767,710	1 162 707,121	25,972	25,509	79	80	41 699	4 890,588	29 288,554	5,989	5,526
30	31	98 243	43 535,738	1 117 939,410	25,679	25,216	80	81	38 238	4 364,688	24 397,966	5,590	5,127
31	32	98 159	42 334,536	1 074 403,672	25,379	24,916	81	82	34 646	3 848,801	20 033,278	5,205	4,742
32	33	98 070	41 164,028	1 032 069,136	25,072	24,609	82	83	30 964	3 347,690	16 184,477	4,835	4,372
33	34	97 976	40 023,818	990 905,108	24,758	24,295	83	84	27 224	2 864,626	12 836,787	4,481	4,018
34	35	97 870	38 910,450	950 881,289	24,438	23,975	84	85	23 474	2 403,922	9 972,161	4,148	3,685
35	36	97 755	37 824,769	911 970,839	24,110	23,648	85	86	19 797	1 973,037	7 568,239	3,836	3,373
36	37	97 635	36 767,093	874 146,071	23,775	23,312	86	87	16 263	1 577,474	5 595,202	3,547	3,084
37	38	97 499	35 733,406	837 378,978	23,434	22,971	87	88	12 971	1 224,514	4 017,728	3,281	2,818
38	39	97 348	34 723,095	801 645,572	23,087	22,624	88	89	10 018	920,362	2 793,214	3,035	2,572
39	40	97 186	33 737,465	766 922,477	22,732	22,269	89	90	7 447	665,852	1 872,852	2,813	2,350
40	41	97 012	32 775,839	733 185,013	22,370	21,907	90	91	5 302	461,396	1 207,000	2,616	2,153
41	42	96 821	31 835,799	700 409,173	22,001	21,538	91	92	3 611	305,852	745,604	2,438	1,975
42	43	96 603	30 913,833	668 573,374	21,627	21,164	92	93	2 344	193,212	439,752	2,276	1,813
43	44	96 380	30 016,985	637 659,541	21,243	20,780	93	94	1 438	115,365	246,540	2,137	1,674
44	45	96 135	29 139,437	607 642,555	20,853	20,390	94	95	837	65,323	131,176	2,008	1,545
45	46	95 865	28 279,926	578 503,118	20,456	19,993	95	96	456	34,614	65,853	1,902	1,440
46	47	95 572	27 438,786	550 223,192	20,053	19,590	96	97	233	17,215	31,238	1,815	1,352
47	48	95 251	26 614,703	522 784,406	19,643	19,180	97	98	113	8,099	14,023	1,731	1,269
48	49	94 884	25 802,789	496 169,703	19,229	18,766	98	99	51	3,581	5,923	1,654	1,191
49	50	94 476	25 004,119	470 366,914	18,812	18,349	99	100	22	1,483	2,343	1,580	1,117

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	3 173 208,173	31,831	31,368	50	52	93 830	24 168,413	440 160,609	18,212	17,749
1	3	99 338	96 679,355	3 073 519,538	31,791	31,328	51	53	93 322	23 394,302	415 992,196	17,782	17,319
2	4	99 304	94 059,712	2 976 840,182	31,648	31,186	52	54	92 757	22 630,483	392 597,894	17,348	16,885
3	5	99 282	91 521,696	2 882 780,471	31,498	31,036	53	55	92 132	21 876,371	369 967,411	16,912	16,449
4	6	99 263	89 055,600	2 791 258,775	31,343	30,880	54	56	91 431	21 128,800	348 091,040	16,475	16,012
5	7	99 245	86 655,900	2 702 203,175	31,183	30,720	55	57	90 665	20 391,132	326 962,240	16,035	15,572
6	8	99 231	84 324,961	2 615 547,275	31,017	30,555	56	58	89 811	19 658,407	306 571,108	15,595	15,132
7	9	99 215	82 054,785	2 531 222,314	30,848	30,385	57	59	88 870	18 931,746	286 912,701	15,155	14,692
8	10	99 200	79 846,667	2 449 167,529	30,673	30,211	58	60	87 833	18 210,013	267 980,955	14,716	14,253
9	11	99 187	77 699,413	2 369 320,862	30,493	30,031	59	61	86 708	17 495,594	249 770,942	14,276	13,813
10	12	99 171	75 607,982	2 291 621,449	30,309	29,846	60	62	85 474	16 785,089	232 275,348	13,838	13,375
11	13	99 158	73 574,281	2 216 013,467	30,119	29,657	61	63	84 139	16 080,725	215 490,259	13,401	12,938
12	14	99 143	71 594,532	2 142 439,186	29,925	29,462	62	64	82 685	15 379,879	199 409,535	12,966	12,503
13	15	99 125	69 665,781	2 070 844,655	29,725	29,263	63	65	81 108	14 682,732	184 029,655	12,534	12,071
14	16	99 104	67 787,097	2 001 178,874	29,522	29,059	64	66	79 415	13 991,614	169 346,923	12,103	11,641
15	17	99 079	65 956,261	1 933 391,777	29,313	28,850	65	67	77 607	13 307,118	155 355,309	11,675	11,212
16	18	99 051	64 172,710	1 867 435,516	29,100	28,637	66	68	75 701	12 632,809	142 048,190	11,244	10,782
17	19	99 012	62 430,775	1 803 262,806	28,884	28,421	67	69	73 670	11 964,813	129 415,381	10,816	10,354
18	20	98 970	60 733,693	1 740 832,031	28,663	28,201	68	70	71 502	11 302,029	117 450,568	10,392	9,929
19	21	98 915	59 075,730	1 680 098,338	28,440	27,977	69	71	69 218	10 648,176	106 148,539	9,969	9,506
20	22	98 859	57 461,669	1 621 022,608	28,211	27,748	70	72	66 823	10 004,560	95 500,363	9,546	9,083
21	23	98 801	55 891,310	1 563 560,939	27,975	27,512	71	73	64 342	9 375,345	85 495,803	9,119	8,656
22	24	98 745	54 364,542	1 507 669,629	27,733	27,270	72	74	61 688	8 747,981	76 120,458	8,701	8,239
23	25	98 688	52 878,661	1 453 305,087	27,484	27,021	73	75	58 974	8 139,263	67 372,477	8,277	7,815
24	26	98 627	51 431,791	1 400 426,427	27,229	26,766	74	76	56 121	7 538,264	59 233,215	7,858	7,395
25	27	98 564	50 023,425	1 348 994,636	26,967	26,504	75	77	53 167	6 950,304	51 694,950	7,438	6,975
26	28	98 500	48 652,888	1 298 971,211	26,699	26,236	76	78	50 117	6 376,303	44 744,647	7,017	6,555
27	29	98 433	47 318,613	1 250 318,322	26,423	25,961	77	79	46 928	5 810,745	38 368,344	6,603	6,140
28	30	98 365	46 020,108	1 202 999,709	26,141	25,678	78	80	43 651	5 260,322	32 557,600	6,189	5,726
29	31	98 291	44 755,050	1 156 979,602	25,851	25,389	79	81	40 229	4 718,138	27 297,278	5,786	5,323
30	32	98 211	43 521,720	1 112 224,551	25,556	25,093	80	82	36 693	4 188,288	22 579,139	5,391	4,928
31	33	98 126	42 320,316	1 068 702,831	25,253	24,790	81	83	33 018	3 667,898	18 390,851	5,014	4,551
32	34	98 036	41 149,612	1 026 382,516	24,943	24,480	82	84	29 255	3 162,911	14 722,953	4,655	4,192
33	35	97 938	40 008,537	985 232,904	24,626	24,163	83	85	25 488	2 681,897	11 560,041	4,310	3,848
34	36	97 824	38 892,281	945 224,367	24,304	23,841	84	86	21 744	2 226,768	8 878,144	3,987	3,524
35	37	97 709	37 806,732	906 332,085	23,973	23,510	85	87	18 108	1 804,779	6 651,376	3,685	3,223
36	38	97 586	36 748,528	868 525,354	23,634	23,171	86	88	14 651	1 421,154	4 846,597	3,410	2,948
37	39	97 445	35 713,606	831 776,826	23,290	22,827	87	89	11 502	1 085,772	3 425,442	3,155	2,692
38	40	97 285	34 700,502	796 063,220	22,941	22,478	88	90	8 727	801,814	2 339,671	2,918	2,455
39	41	97 124	33 716,105	761 362,718	22,582	22,119	89	91	6 351	567,893	1 537,857	2,708	2,245
40	42	96 941	32 751,816	727 646,613	22,217	21,754	90	92	4 422	384,837	969,963	2,520	2,058
41	43	96 743	31 810,113	694 894,797	21,845	21,382	91	93	2 933	248,369	585,126	2,356	1,893
42	44	96 516	30 886,144	663 084,684	21,469	21,006	92	94	1 853	152,742	336,758	2,205	1,742
43	45	96 289	29 988,594	632 198,540	21,081	20,618	93	95	1 108	88,893	184,016	2,070	1,607
44	46	96 032	29 108,093	602 209,947	20,689	20,226	94	96	624	48,714	95,122	1,953	1,490
45	47	95 752	28 246,438	573 101,854	20,289	19,827	95	97	328	24,946	46,408	1,860	1,398
46	48	95 447	27 403,133	544 855,416	19,883	19,420	96	98	164	12,141	21,462	1,768	1,305
47	49	95 106	26 574,326	517 452,283	19,472	19,009	97	99	77	5,516	9,320	1,690	1,227
48	50	94 725	25 759,335	490 877,958	19,056	18,593	98	100	34	2,352	3,805	1,618	1,155
49	51	94 302	24 958,014	465 118,623	18,636	18,173							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	3 166 803,834	31,771	31,308	50	53	93 623	24 115,136	434 581,792	18,021	17,558
1	4	99 328	96 669,716	3 067 128,298	31,728	31,265	51	54	93 091	23 336,317	410 466,657	17,589	17,126
2	5	99 295	94 051,053	2 970 458,582	31,583	31,121	52	55	92 502	22 568,152	387 130,340	17,154	16,691
3	6	99 275	91 515,477	2 876 407,529	31,431	30,968	53	56	91 846	21 808,283	364 562,187	16,717	16,254
4	7	99 256	89 049,098	2 784 892,051	31,274	30,811	54	57	91 122	21 057,351	342 753,904	16,277	15,814
5	8	99 240	86 651,773	2 695 842,954	31,111	30,648	55	58	90 325	20 314,537	321 696,553	15,836	15,373
6	9	99 224	84 318,884	2 609 191,181	30,944	30,482	56	59	89 436	19 576,361	301 382,016	15,395	14,932
7	10	99 210	82 050,424	2 524 872,297	30,772	30,309	57	60	88 458	18 844,007	281 805,654	14,955	14,492
8	11	99 194	79 842,228	2 442 821,873	30,596	30,133	58	61	87 382	18 116,654	262 961,647	14,515	14,052
9	12	99 179	77 693,438	2 362 979,646	30,414	29,951	59	62	86 223	17 397,860	244 844,993	14,073	13,610
10	13	99 165	75 603,204	2 285 286,208	30,227	29,765	60	63	84 951	16 682,332	227 447,133	13,634	13,171
11	14	99 150	73 568,466	2 209 683,004	30,036	29,573	61	64	83 570	15 972,016	210 764,801	13,196	12,733
12	15	99 134	71 587,927	2 136 114,538	29,839	29,376	62	65	82 072	15 265,933	194 792,785	12,760	12,297
13	16	99 114	69 657,715	2 064 526,611	29,638	29,175	63	66	80 458	14 565,069	179 526,852	12,326	11,863
14	17	99 092	67 778,431	1 994 868,896	29,432	28,969	64	67	78 720	13 869,079	164 961,783	11,894	11,431
15	18	99 067	65 947,709	1 927 090,465	29,221	28,759	65	68	76 881	13 182,591	151 092,704	11,462	10,999
16	19	99 035	64 162,223	1 861 142,756	29,007	28,544	66	69	74 928	12 503,904	137 910,113	11,029	10,567
17	20	98 996	62 420,514	1 796 980,462	28,788	28,325	67	70	72 819	11 826,664	125 406,208	10,604	10,141
18	21	98 954	60 723,752	1 734 559,949	28,565	28,102	68	71	70 605	11 160,169	113 579,544	10,177	9,714
19	22	98 899	59 065,699	1 673 836,196	28,339	27,876	69	72	68 262	10 501,077	102 419,375	9,753	9,290
20	23	98 842	57 452,028	1 614 770,497	28,106	27,644	70	73	65 824	9 855,013	91 918,299	9,327	8,864
21	24	98 785	55 882,169	1 557 318,469	27,868	27,405	71	74	63 266	9 218,438	82 063,286	8,902	8,439
22	25	98 729	54 355,611	1 501 436,301	27,622	27,160	72	75	60 566	8 588,837	72 844,848	8,481	8,019
23	26	98 668	52 868,380	1 447 080,689	27,371	26,909	73	76	57 787	7 975,501	64 256,011	8,057	7,594
24	27	98 609	51 422,624	1 394 212,309	27,113	26,650	74	77	54 878	7 371,301	56 280,510	7,635	7,172
25	28	98 544	50 012,933	1 342 789,685	26,849	26,386	75	78	51 894	6 783,924	48 909,209	7,210	6,747
26	29	98 477	48 641,309	1 292 776,753	26,578	26,115	76	79	48 754	6 202,819	42 125,285	6,791	6,328
27	30	98 409	47 306,937	1 244 135,443	26,299	25,836	77	80	45 482	5 631,725	35 922,466	6,379	5,916
28	31	98 337	46 007,094	1 196 828,507	26,014	25,551	78	81	42 112	5 074,835	30 290,741	5,969	5,506
29	32	98 260	44 740,639	1 150 821,413	25,722	25,259	79	82	38 603	4 527,453	25 215,906	5,570	5,107
30	33	98 178	43 507,100	1 106 080,774	25,423	24,960	80	83	34 968	3 991,429	20 688,452	5,183	4,720
31	34	98 092	42 305,494	1 062 573,673	25,117	24,654	81	84	31 195	3 465,445	16 697,023	4,818	4,355
32	35	97 998	41 133,901	1 020 268,179	24,804	24,341	82	85	27 389	2 961,156	13 231,578	4,468	4,006
33	36	97 893	39 989,856	979 134,278	24,485	24,022	83	86	23 610	2 484,258	10 270,422	4,134	3,671
34	37	97 777	38 873,735	939 144,422	24,159	23,696	84	87	19 890	2 036,873	7 786,164	3,823	3,360
35	38	97 659	37 787,642	900 270,687	23,824	23,362	85	88	16 314	1 625,935	5 749,291	3,536	3,073
36	39	97 532	36 728,165	862 483,046	23,483	23,020	86	89	12 991	1 260,132	4 123,356	3,272	2,809
37	40	97 382	35 690,369	825 754,880	23,137	22,674	87	90	10 020	945,918	2 863,224	3,027	2,564
38	41	97 223	34 678,532	790 064,511	22,783	22,320	88	91	7 443	683,853	1 917,307	2,804	2,341
39	42	97 053	33 691,393	755 385,979	22,421	21,958	89	92	5 297	473,664	1 233,454	2,604	2,141
40	43	96 863	32 725,391	721 694,586	22,053	21,590	90	93	3 591	312,509	759,790	2,431	1,968
41	44	96 657	31 781,620	688 969,196	21,678	21,215	91	94	2 318	196,346	447,281	2,278	1,815
42	45	96 425	30 856,930	657 187,575	21,298	20,835	92	95	1 428	117,694	250,935	2,132	1,669
43	46	96 185	29 956,336	626 330,645	20,908	20,445	93	96	826	66,292	133,241	2,010	1,547
44	47	95 918	29 073,623	596 374,309	20,513	20,050	94	97	450	35,108	66,949	1,907	1,444
45	48	95 627	28 209,735	567 300,686	20,110	19,647	95	98	232	17,594	31,841	1,810	1,347
46	49	95 303	27 361,559	539 090,950	19,702	19,240	96	99	112	8,268	14,248	1,723	1,260
47	50	94 946	26 529,573	511 729,391	19,289	18,826	97	100	50	3,622	5,980	1,651	1,188
48	51	94 550	25 711,837	485 199,818	18,871	18,408							
49	52	94 106	24 906,189	459 487,981	18,449	17,986							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	3 159 944,771	31,705	31,243	50	54	93 391	24 055,364	428 613,360	17,818	17,355
1	5	99 319	96 660,818	3 060 279,172	31,660	31,197	51	55	92 834	23 272,042	404 557,995	17,384	16,921
2	6	99 288	94 044,663	2 963 618,355	31,513	31,050	52	56	92 214	22 497,912	381 285,953	16,948	16,485
3	7	99 268	91 508,795	2 869 573,692	31,358	30,896	53	57	91 535	21 734,537	358 788,041	16,508	16,045
4	8	99 251	89 044,856	2 778 064,897	31,198	30,736	54	58	90 780	20 978,253	337 053,504	16,067	15,604
5	9	99 233	86 645,528	2 689 020,040	31,035	30,572	55	59	89 948	20 229,753	316 075,251	15,624	15,161
6	10	99 219	84 314,402	2 602 374,512	30,865	30,402	56	60	89 022	19 485,636	295 845,498	15,183	14,720
7	11	99 204	82 045,862	2 518 060,110	30,691	30,228	57	61	88 005	18 747,398	276 359,862	14,741	14,278
8	12	99 187	79 836,088	2 436 014,248	30,513	30,050	58	62	86 894	18 015,451	257 612,465	14,300	13,837
9	13	99 173	77 688,528	2 356 178,160	30,329	29,866	59	63	85 695	17 291,352	239 597,014	13,856	13,394
10	14	99 157	75 597,228	2 278 489,633	30,140	29,677	60	64	84 376	16 569,556	222 305,662	13,417	12,954
11	15	99 141	73 561,679	2 202 892,405	29,946	29,483	61	65	82 951	15 853,683	205 736,106	12,977	12,514
12	16	99 122	71 579,639	2 129 330,726	29,748	29,285	62	66	81 415	15 143,596	189 882,423	12,539	12,076
13	17	99 101	69 648,810	2 057 751,086	29,545	29,082	63	67	79 753	14 437,512	174 738,827	12,103	11,640
14	18	99 079	67 769,643	1 988 102,276	29,336	28,873	64	68	77 983	13 739,293	160 301,315	11,667	11,205
15	19	99 050	65 937,005	1 920 332,633	29,124	28,661	65	69	76 097	13 048,076	146 562,022	11,232	10,770
16	20	99 019	64 151,747	1 854 395,628	28,906	28,444	66	70	74 063	12 359,531	133 513,945	10,803	10,340
17	21	98 980	62 410,296	1 790 243,881	28,685	28,222	67	71	71 905	11 678,218	121 154,415	10,374	9,912
18	22	98 937	60 713,442	1 727 833,584	28,459	27,996	68	72	69 630	11 005,997	109 476,196	9,947	9,484
19	23	98 882	59 055,789	1 667 120,143	28,230	27,767	69	73	67 242	10 344,108	98 470,199	9,519	9,057
20	24	98 826	57 442,631	1 608 064,354	27,994	27,531	70	74	64 723	9 690,079	88 126,092	9,094	8,632
21	25	98 769	55 872,989	1 550 621,722	27,753	27,290	71	75	62 115	9 050,735	78 436,013	8,666	8,203
22	26	98 710	54 345,044	1 494 748,734	27,505	27,042	72	76	59 347	8 416,030	69 385,277	8,244	7,782
23	27	98 651	52 858,957	1 440 403,690	27,250	26,787	73	77	56 507	7 798,853	60 969,248	7,818	7,355
24	28	98 589	51 411,838	1 387 544,733	26,989	26,526	74	78	53 564	7 194,843	53 170,395	7,390	6,927
25	29	98 520	50 001,030	1 336 132,894	26,722	26,259	75	79	50 482	6 599,351	45 975,552	6,967	6,504
26	30	98 452	48 629,306	1 286 131,864	26,448	25,985	76	80	47 252	6 011,721	39 376,201	6,550	6,087
27	31	98 381	47 293,559	1 237 502,558	26,166	25,704	77	81	43 879	5 433,142	33 364,481	6,141	5,678
28	32	98 305	45 992,279	1 190 208,999	25,878	25,416	78	82	40 410	4 869,734	27 931,339	5,736	5,273
29	33	98 227	44 725,610	1 144 216,720	25,583	25,120	79	83	36 788	4 314,653	23 061,605	5,345	4,882
30	34	98 144	43 491,863	1 099 491,109	25,280	24,818	80	84	33 038	3 771,119	18 746,952	4,971	4,508
31	35	98 055	42 289,342	1 055 999,246	24,971	24,508	81	85	29 205	3 244,392	14 975,833	4,616	4,153
32	36	97 953	41 114,694	1 013 709,904	24,656	24,193	82	86	25 370	2 742,937	11 731,442	4,277	3,814
33	37	97 846	39 970,787	972 595,211	24,333	23,870	83	87	21 596	2 272,404	8 988,505	3,956	3,493
34	38	97 728	38 854,107	932 624,424	24,003	23,540	84	88	17 919	1 835,029	6 716,100	3,660	3,197
35	39	97 605	37 766,703	893 770,317	23,666	23,203	85	89	14 466	1 441,710	4 881,071	3,386	2,923
36	40	97 468	36 704,268	856 003,614	23,322	22,859	86	90	11 318	1 097,819	3 439,361	3,133	2,670
37	41	97 320	35 667,772	819 299,346	22,970	22,507	87	91	8 546	806,757	2 341,542	2,902	2,440
38	42	97 152	34 653,115	783 631,573	22,614	22,151	88	92	6 208	570,383	1 534,785	2,691	2,228
39	43	96 975	33 664,209	748 978,458	22,249	21,786	89	93	4 302	384,641	964,402	2,507	2,044
40	44	96 776	32 696,079	715 314,250	21,878	21,415	90	94	2 839	247,051	579,761	2,347	1,884
41	45	96 565	31 751,560	682 618,171	21,499	21,036	91	95	1 786	151,293	332,710	2,199	1,736
42	46	96 321	30 823,739	650 866,611	21,116	20,653	92	96	1 065	87,770	181,418	2,067	1,604
43	47	96 071	29 920,862	620 042,873	20,723	20,260	93	97	596	47,776	93,648	1,960	1,497
44	48	95 793	29 035,846	590 122,010	20,324	19,861	94	98	317	24,760	45,872	1,853	1,390
45	49	95 482	28 166,938	561 086,164	19,920	19,457	95	99	158	11,981	21,112	1,762	1,299
46	50	95 142	27 315,481	532 919,227	19,510	19,047	96	100	73	5,430	9,131	1,682	1,219
47	51	94 771	26 480,655	505 603,746	19,093	18,631							
48	52	94 354	25 658,447	479 123,091	18,673	18,210							
49	53	93 898	24 851,285	453 464,644	18,247	17,784							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	3 152 611,306	31,635	31,172	50	55	93 133	23 989,109	422 247,451	17,602	17,139
1	6	99 312	96 654,250	3 052 954,882	31,586	31,124	51	56	92 545	23 199,611	398 258,342	17,167	16,704
2	7	99 281	94 037,796	2 956 300,632	31,437	30,975	52	57	91 902	22 421,833	375 058,731	16,727	16,265
3	8	99 263	91 504,437	2 862 262,835	31,280	30,817	53	58	91 191	21 652,895	352 636,898	16,286	15,823
4	9	99 244	89 038,439	2 770 758,399	31,119	30,656	54	59	90 401	20 890,699	330 984,003	15,844	15,381
5	10	99 228	86 640,922	2 681 719,959	30,952	30,489	55	60	89 531	20 135,999	310 093,303	15,400	14,937
6	11	99 213	84 309,715	2 595 079,037	30,780	30,317	56	61	88 566	19 385,736	289 957,304	14,957	14,494
7	12	99 196	82 039,553	2 510 769,322	30,604	30,142	57	62	87 513	18 642,671	270 571,568	14,514	14,051
8	13	99 181	79 831,042	2 428 729,769	30,423	29,961	58	63	86 362	17 905,162	251 928,897	14,070	13,607
9	14	99 165	77 682,387	2 348 898,727	30,237	29,774	59	64	85 116	17 174,459	234 023,735	13,626	13,163
10	15	99 148	75 590,254	2 271 216,340	30,046	29,584	60	65	83 751	16 446,796	216 849,276	13,185	12,722
11	16	99 129	73 553,163	2 195 626,086	29,851	29,388	61	66	82 286	15 726,636	200 402,480	12,743	12,280
12	17	99 110	71 570,488	2 122 072,923	29,650	29,187	62	67	80 702	15 010,972	184 675,844	12,303	11,840
13	18	99 088	69 639,780	2 050 502,435	29,444	28,982	63	68	79 007	14 302,407	169 664,871	11,863	11,400
14	19	99 063	67 758,643	1 980 862,655	29,234	28,771	64	69	77 188	13 599,098	155 362,465	11,424	10,962
15	20	99 034	65 926,167	1 913 104,012	29,019	28,556	65	70	75 218	12 897,419	141 763,367	10,992	10,529
16	21	99 003	64 141,247	1 847 177,845	28,799	28,336	66	71	73 134	12 204,397	128 865,948	10,559	10,096
17	22	98 963	62 399,699	1 783 036,598	28,574	28,112	67	72	70 912	11 516,890	116 661,551	10,130	9,667
18	23	98 920	60 703,255	1 720 636,899	28,345	27,882	68	73	68 589	10 841,480	105 144,661	9,698	9,236
19	24	98 866	59 046,130	1 659 933,643	28,112	27,650	69	74	66 116	10 170,988	94 303,181	9,272	8,809
20	25	98 810	57 433,195	1 600 887,513	27,874	27,411	70	75	63 545	9 513,796	84 132,192	8,843	8,380
21	26	98 750	55 862,126	1 543 454,318	27,630	27,167	71	76	60 865	8 868,635	74 618,397	8,414	7,951
22	27	98 692	54 335,357	1 487 592,192	27,378	26,915	72	77	58 033	8 229,625	65 749,762	7,989	7,527
23	28	98 630	52 847,870	1 433 256,834	27,120	26,658	73	78	55 155	7 612,160	57 520,137	7,556	7,094
24	29	98 565	51 399,603	1 380 408,964	26,856	26,394	74	79	52 107	6 999,090	49 907,977	7,131	6,668
25	30	98 496	49 988,691	1 329 009,362	26,586	26,123	75	80	48 927	6 396,035	42 908,887	6,709	6,246
26	31	98 424	48 615,555	1 279 020,670	26,309	25,846	76	81	45 586	5 799,738	36 512,852	6,296	5,833
27	32	98 349	47 278,330	1 230 405,115	26,025	25,562	77	82	42 105	5 213,560	30 713,114	5,891	5,428
28	33	98 272	45 976,830	1 183 126,785	25,733	25,270	78	83	38 511	4 640,845	25 499,554	5,495	5,032
29	34	98 192	44 709,946	1 137 149,955	25,434	24,971	79	84	34 758	4 076,502	20 858,709	5,117	4,654
30	35	98 106	43 475,258	1 092 440,009	25,128	24,665	80	85	30 931	3 530,567	16 782,207	4,753	4,291
31	36	98 009	42 269,595	1 048 964,751	24,816	24,353	81	86	27 053	3 005,300	13 251,640	4,409	3,947
32	37	97 906	41 095,088	1 006 695,155	24,497	24,034	82	87	23 207	2 509,023	10 246,340	4,084	3,621
33	38	97 797	39 950,604	965 600,067	24,170	23,707	83	88	19 456	2 047,221	7 737,317	3,779	3,317
34	39	97 674	38 832,577	925 649,463	23,837	23,374	84	89	15 889	1 627,113	5 690,096	3,497	3,034
35	40	97 542	37 742,130	886 816,886	23,497	23,034	85	90	12 602	1 256,009	4 062,983	3,235	2,772
36	41	97 406	36 681,030	849 074,755	23,148	22,685	86	91	9 653	936,311	2 806,974	2,998	2,535
37	42	97 249	35 641,630	812 393,726	22,793	22,331	87	92	7 128	672,893	1 870,663	2,780	2,317
38	43	97 074	34 625,155	776 752,096	22,433	21,970	88	93	5 041	463,182	1 197,770	2,586	2,123
39	44	96 888	33 634,056	742 126,941	22,065	21,602	89	94	3 401	304,074	734,588	2,416	1,953
40	45	96 685	32 665,153	708 492,885	21,690	21,227	90	95	2 188	190,364	430,513	2,262	1,799
41	46	96 461	31 717,406	675 827,732	21,308	20,845	91	96	1 332	112,826	240,150	2,128	1,666
42	47	96 207	30 787,238	644 110,326	20,921	20,459	92	97	767	63,255	127,324	2,013	1,550
43	48	95 946	29 881,984	613 323,088	20,525	20,062	93	98	420	33,694	64,069	1,901	1,439
44	49	95 648	28 991,795	583 441,104	20,124	19,662	94	99	216	16,861	30,375	1,801	1,339
45	50	95 321	28 119,503	554 449,309	19,718	19,255	95	100	104	7,868	13,514	1,717	1,255
46	51	94 967	27 265,114	526 329,806	19,304	18,841							
47	52	94 574	26 425,668	499 064,693	18,886	18,423							
48	53	94 146	25 601,885	472 639,025	18,461	17,998							
49	54	93 666	24 789,689	447 037,140	18,033	17,570							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	3 144 787,550	31,558	31,096	50	56	92 844	23 914,446	415 477,855	17,374	16,911
1	7	99 305	96 647,193	3 045 137,897	31,508	31,045	51	57	92 232	23 121,160	391 563,409	16,935	16,472
2	8	99 276	94 033,317	2 948 490,704	31,356	30,893	52	58	91 557	22 337,610	368 442,250	16,494	16,031
3	9	99 256	91 497,842	2 854 457,387	31,197	30,734	53	59	90 811	21 562,525	346 104,639	16,051	15,588
4	10	99 239	89 033,707	2 762 959,545	31,033	30,570	54	60	89 982	20 793,882	324 542,114	15,608	15,145
5	11	99 222	86 636,106	2 673 925,838	30,864	30,401	55	61	89 072	20 032,766	303 748,232	15,163	14,700
6	12	99 205	84 303,231	2 587 289,732	30,690	30,227	56	62	88 071	19 277,444	283 715,467	14,717	14,255
7	13	99 190	82 034,368	2 502 986,501	30,511	30,049	57	63	86 977	18 528,543	264 438,022	14,272	13,809
8	14	99 173	79 824,732	2 420 952,133	30,328	29,866	58	64	85 779	17 784,120	245 909,480	13,827	13,365
9	15	99 156	77 675,221	2 341 127,401	30,140	29,677	59	65	84 485	17 047,217	228 125,360	13,382	12,919
10	16	99 137	75 581,503	2 263 452,180	29,947	29,484	60	66	83 080	16 314,996	211 078,143	12,938	12,475
11	17	99 117	73 543,760	2 187 870,677	29,749	29,286	61	67	81 566	15 588,906	194 763,147	12,494	12,031
12	18	99 097	71 561,029	2 114 326,917	29,546	29,083	62	68	79 946	14 870,501	179 174,241	12,049	11,586
13	19	99 072	69 628,476	2 042 765,708	29,338	28,875	63	69	78 201	14 156,465	164 303,740	11,606	11,143
14	20	99 046	67 747,506	1 973 137,232	29,125	28,662	64	70	76 296	13 442,079	150 147,275	11,170	10,707
15	21	99 018	65 915,376	1 905 389,726	28,907	28,444	65	71	74 274	12 735,534	136 705,196	10,734	10,271
16	22	98 986	64 130,356	1 839 474,350	28,683	28,221	66	72	72 123	12 035,799	123 969,662	10,300	9,837
17	23	98 947	62 389,230	1 775 343,995	28,456	27,993	67	73	69 852	11 344,737	111 933,863	9,867	9,404
18	24	98 904	60 693,327	1 712 954,764	28,223	27,760	68	74	67 441	10 660,037	100 589,127	9,436	8,973
19	25	98 850	59 036,431	1 652 261,438	27,987	27,524	69	75	64 914	9 985,956	89 929,090	9,006	8,543
20	26	98 790	57 422,029	1 593 225,007	27,746	27,283	70	76	62 267	9 322,378	79 943,133	8,575	8,113
21	27	98 732	55 852,170	1 535 802,978	27,498	27,035	71	77	59 517	8 672,205	70 620,755	8,143	7,681
22	28	98 671	54 323,961	1 479 950,808	27,243	26,780	72	78	56 643	8 032,620	61 948,550	7,712	7,249
23	29	98 607	52 835,293	1 425 626,847	26,982	26,520	73	79	53 654	7 405,053	53 915,930	7,281	6,818
24	30	98 541	51 386,919	1 372 791,555	26,715	26,252	74	80	50 502	6 783,459	46 510,877	6,857	6,394
25	31	98 468	49 974,555	1 321 404,636	26,442	25,979	75	81	47 202	6 170,501	39 727,418	6,438	5,975
26	32	98 393	48 599,900	1 271 430,080	26,161	25,698	76	82	43 743	5 565,340	33 556,917	6,030	5,567
27	33	98 316	47 262,449	1 222 830,180	25,873	25,410	77	83	40 126	4 968,510	27 991,577	5,634	5,171
28	34	98 238	45 960,728	1 175 567,731	25,578	25,115	78	84	36 385	4 384,690	23 023,066	5,251	4,788
29	35	98 155	44 692,876	1 129 607,003	25,275	24,812	79	85	32 541	3 816,470	18 638,377	4,884	4,421
30	36	98 061	43 454,958	1 084 914,127	24,966	24,504	80	86	28 651	3 270,386	14 821,907	4,532	4,069
31	37	97 962	42 249,439	1 041 459,169	24,650	24,187	81	87	24 746	2 749,013	11 551,521	4,202	3,739
32	38	97 856	41 074,338	999 209,730	24,327	23,864	82	88	20 907	2 260,392	8 802,508	3,894	3,431
33	39	97 742	39 928,467	958 135,392	23,996	23,533	83	89	17 252	1 815,263	6 542,116	3,604	3,141
34	40	97 610	38 807,311	918 206,925	23,661	23,198	84	90	13 842	1 417,531	4 726,853	3,335	2,872
35	41	97 480	37 718,235	879 399,614	23,315	22,852	85	91	10 748	1 071,229	3 309,322	3,089	2,626
36	42	97 335	36 654,145	841 681,379	22,963	22,500	86	92	8 051	780,951	2 238,094	2,866	2,403
37	43	97 171	35 612,872	805 027,234	22,605	22,142	87	93	5 788	546,426	1 457,143	2,667	2,204
38	44	96 987	34 594,141	769 414,362	22,241	21,778	88	94	3 985	366,164	910,717	2,487	2,024
39	45	96 797	33 602,243	734 820,220	21,868	21,405	89	95	2 620	234,303	544,553	2,324	1,861
40	46	96 581	32 630,016	701 217,978	21,490	21,027	90	96	1 631	141,963	310,251	2,185	1,723
41	47	96 347	31 679,846	668 587,961	21,105	20,642	91	97	960	81,312	168,288	2,070	1,607
42	48	96 082	30 747,234	636 908,115	20,714	20,252	92	98	541	44,611	86,975	1,950	1,487
43	49	95 801	29 836,650	606 160,881	20,316	19,853	93	99	286	22,945	42,364	1,846	1,384
44	50	95 487	28 942,971	576 324,231	19,912	19,450	94	100	142	11,073	19,419	1,754	1,291
45	51	95 146	28 067,653	547 381,260	19,502	19,039							
46	52	94 770	27 208,497	519 313,607	19,086	18,624							
47	53	94 366	26 367,415	492 105,109	18,663	18,201							
48	54	93 912	25 538,428	465 737,695	18,237	17,774							
49	55	93 408	24 721,411	440 199,266	17,806	17,344							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	3 136 457,271	31,477	31,014	50	57	92 530	23 833,577	408 301,970	17,131	16,669
1	8	99 300	96 642,590	3 036 814,894	31,423	30,960	51	58	91 886	23 034,310	384 468,393	16,691	16,228
2	9	99 269	94 026,541	2 940 172,304	31,270	30,807	52	59	91 175	22 244,383	361 434,084	16,248	15,786
3	10	99 251	91 492,979	2 846 145,764	31,108	30,645	53	60	90 390	21 462,595	339 189,701	15,804	15,341
4	11	99 233	89 028,757	2 754 652,784	30,941	30,478	54	61	89 520	20 687,276	317 727,106	15,359	14,896
5	12	99 214	86 629,443	2 665 624,028	30,770	30,308	55	62	88 575	19 920,859	297 039,831	14,911	14,448
6	13	99 199	84 297,904	2 578 994,584	30,594	30,131	56	63	87 532	19 159,429	277 118,972	14,464	14,001
7	14	99 182	82 027,884	2 494 696,681	30,413	29,950	57	64	86 389	18 403,286	257 959,542	14,017	13,554
8	15	99 164	79 817,368	2 412 668,797	30,227	29,765	58	65	85 143	17 652,361	239 556,256	13,571	13,108
9	16	99 145	77 666,228	2 332 851,428	30,037	29,574	59	66	83 808	16 910,606	221 903,896	13,122	12,659
10	17	99 124	75 571,841	2 255 185,200	29,842	29,379	60	67	82 352	16 172,113	204 993,290	12,676	12,213
11	18	99 104	73 534,224	2 179 613,359	29,641	29,178	61	68	80 802	15 443,026	188 821,177	12,227	11,764
12	19	99 081	71 549,593	2 106 079,135	29,435	28,972	62	69	79 131	14 718,763	173 378,150	11,779	11,317
13	20	99 056	69 617,031	2 034 529,542	29,225	28,762	63	70	77 298	13 993,011	158 659,388	11,338	10,876
14	21	99 030	67 736,417	1 964 912,510	29,008	28,545	64	71	75 339	13 273,357	144 666,377	10,899	10,436
15	22	99 001	65 904,184	1 897 176,093	28,787	28,324	65	72	73 248	12 559,599	131 393,021	10,462	9,999
16	23	98 969	64 119,596	1 831 271,910	28,560	28,097	66	73	71 045	11 855,889	118 833,422	10,023	9,560
17	24	98 930	62 379,026	1 767 152,314	28,329	27,866	67	74	68 683	11 154,871	106 977,532	9,590	9,127
18	25	98 888	60 683,357	1 704 773,288	28,093	27,630	68	75	66 214	10 466,108	95 822,662	9,156	8,693
19	26	98 830	59 024,953	1 644 089,931	27,854	27,391	69	76	63 608	9 785,039	85 356,553	8,723	8,260
20	27	98 773	57 411,794	1 585 064,978	27,609	27,146	70	77	60 887	9 115,899	75 571,514	8,290	7,827
21	28	98 711	55 840,455	1 527 653,184	27,357	26,895	71	78	58 092	8 464,606	66 455,616	7,851	7,388
22	29	98 648	54 311,032	1 471 812,729	27,100	26,637	72	79	55 102	7 814,073	57 991,010	7,421	6,959
23	30	98 582	52 822,255	1 417 501,697	26,835	26,372	73	80	52 001	7 176,915	50 176,937	6,991	6,529
24	31	98 513	51 372,387	1 364 679,442	26,564	26,102	74	81	48 721	6 544,264	43 000,022	6,571	6,108
25	32	98 436	49 958,463	1 313 307,054	26,288	25,825	75	82	45 294	5 921,119	36 455,758	6,157	5,694
26	33	98 360	48 583,575	1 263 348,591	26,004	25,541	76	83	41 687	5 303,756	30 534,639	5,757	5,294
27	34	98 282	47 245,896	1 214 765,016	25,712	25,249	77	84	37 911	4 694,269	25 230,883	5,375	4,912
28	35	98 200	45 943,180	1 167 519,119	25,412	24,949	78	85	34 064	4 104,999	20 536,614	5,003	4,540
29	36	98 109	44 672,008	1 121 575,939	25,107	24,644	79	86	30 143	3 535,220	16 431,615	4,648	4,185
30	37	98 014	43 434,236	1 076 903,931	24,794	24,331	80	87	26 208	2 991,492	12 896,395	4,311	3,848
31	38	97 913	42 228,106	1 033 469,695	24,474	24,011	81	88	22 294	2 476,600	9 904,902	3,999	3,537
32	39	97 802	41 051,578	991 241,590	24,146	23,683	82	89	18 538	2 004,281	7 428,302	3,706	3,243
33	40	97 679	39 902,488	950 190,011	23,813	23,350	83	90	15 030	1 581,445	5 424,022	3,430	2,967
34	41	97 549	38 782,741	910 287,524	23,471	23,009	84	91	11 806	1 208,988	3 842,576	3,178	2,716
35	42	97 409	37 690,590	871 504,782	23,123	22,660	85	92	8 965	893,482	2 633,588	2,948	2,485
36	43	97 256	36 624,570	833 814,193	22,767	22,304	86	93	6 538	634,174	1 740,107	2,744	2,281
37	44	97 084	35 580,974	797 189,623	22,405	21,942	87	94	4 576	431,972	1 105,933	2,560	2,097
38	45	96 895	34 561,421	761 608,648	22,036	21,574	88	95	3 071	282,146	673,960	2,389	1,926
39	46	96 692	33 566,098	727 047,228	21,660	21,197	89	96	1 954	174,730	391,815	2,242	1,780
40	47	96 466	32 591,376	693 481,130	21,278	20,815	90	97	1 176	102,311	217,085	2,122	1,659
41	48	96 222	31 638,683	660 889,753	20,889	20,426	91	98	677	57,346	114,774	2,001	1,539
42	49	95 936	30 700,587	629 251,071	20,496	20,034	92	99	369	30,379	57,427	1,890	1,428
43	50	95 639	29 786,403	598 550,484	20,095	19,632	93	100	188	15,069	27,048	1,795	1,332
44	51	95 311	28 889,603	568 764,081	19,688	19,225							
45	52	94 948	28 009,371	539 874,478	19,275	18,812							
46	53	94 561	27 148,518	511 865,107	18,854	18,391							
47	54	94 132	26 302,061	484 716,589	18,429	17,966							
48	55	93 654	25 468,088	458 414,528	18,000	17,537							
49	56	93 117	24 644,469	432 946,439	17,568	17,105							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	3 127 608,437	31,390	30,927	50	58	92 182	23 744,051	400 716,523	16,877	16,414
1	9	99 293	96 635,625	3 027 970,806	31,334	30,871	51	59	91 502	22 938,174	376 972,471	16,434	15,971
2	10	99 264	94 021,543	2 931 335,181	31,177	30,714	52	60	90 752	22 141,292	354 034,297	15,990	15,527
3	11	99 245	91 487,893	2 837 313,638	31,013	30,550	53	61	89 926	21 352,560	331 893,005	15,543	15,081
4	12	99 226	89 021,910	2 745 825,745	30,844	30,382	54	62	89 020	20 571,713	310 540,445	15,096	14,633
5	13	99 208	86 623,968	2 656 803,835	30,671	30,208	55	63	88 032	19 798,905	289 968,732	14,646	14,183
6	14	99 191	84 291,241	2 570 179,867	30,492	30,029	56	64	86 940	19 029,908	270 169,827	14,197	13,734
7	15	99 173	82 020,317	2 485 888,626	30,308	29,845	57	65	85 749	18 266,940	251 139,919	13,748	13,286
8	16	99 152	79 808,128	2 403 868,309	30,121	29,658	58	66	84 461	17 510,900	232 872,979	13,299	12,836
9	17	99 132	77 656,300	2 324 060,181	29,928	29,465	59	67	83 074	16 762,507	215 362,079	12,848	12,385
10	18	99 111	75 562,043	2 246 403,882	29,729	29,266	60	68	81 582	16 020,776	198 599,572	12,396	11,934
11	19	99 088	73 522,288	2 170 841,839	29,526	29,063	61	69	79 978	15 285,446	182 578,797	11,945	11,482
12	20	99 064	71 537,833	2 097 319,551	29,318	28,855	62	70	78 217	14 548,815	167 293,351	11,499	11,036
13	21	99 039	69 605,636	2 025 781,718	29,104	28,641	63	71	76 327	13 817,374	152 744,535	11,055	10,592
14	22	99 013	67 724,915	1 956 176,082	28,884	28,421	64	72	74 298	13 089,992	138 927,162	10,613	10,150
15	23	98 985	65 893,126	1 888 451,166	28,659	28,196	65	73	72 153	12 371,859	125 837,170	10,171	9,708
16	24	98 953	64 109,109	1 822 558,040	28,429	27,966	66	74	69 856	11 657,469	113 465,310	9,733	9,270
17	25	98 914	62 368,779	1 758 448,931	28,194	27,732	67	75	67 433	10 951,940	101 807,842	9,296	8,833
18	26	98 869	60 671,559	1 696 080,152	27,955	27,492	68	76	64 882	10 255,530	90 855,902	8,859	8,396
19	27	98 813	59 014,433	1 635 408,594	27,712	27,249	69	77	62 199	9 568,312	80 600,372	8,424	7,961
20	28	98 752	57 399,753	1 576 394,161	27,463	27,001	70	78	59 430	8 897,678	71 032,060	7,983	7,520
21	29	98 688	55 827,165	1 518 994,408	27,209	26,746	71	79	56 512	8 234,305	62 134,381	7,546	7,083
22	30	98 624	54 297,630	1 463 167,243	26,947	26,484	72	80	53 405	7 573,334	53 900,076	7,117	6,654
23	31	98 554	52 807,318	1 408 869,613	26,679	26,217	73	81	50 167	6 923,846	46 326,742	6,691	6,228
24	32	98 481	51 355,845	1 356 062,295	26,405	25,942	74	82	46 752	6 279,776	39 402,896	6,275	5,812
25	33	98 403	49 941,682	1 304 706,450	26,125	25,662	75	83	43 165	5 642,813	33 123,121	5,870	5,407
26	34	98 325	48 566,560	1 254 764,768	25,836	25,373	76	84	39 386	5 011,011	27 480,308	5,484	5,021
27	35	98 244	47 227,858	1 206 198,208	25,540	25,077	77	85	35 493	4 394,831	22 469,297	5,113	4,650
28	36	98 154	45 921,728	1 158 970,350	25,238	24,775	78	86	31 554	3 802,487	18 074,466	4,753	4,291
29	37	98 062	44 650,705	1 113 048,622	24,928	24,465	79	87	27 572	3 233,742	14 271,979	4,413	3,951
30	38	97 964	43 412,305	1 068 397,917	24,610	24,148	80	88	23 611	2 695,051	11 038,238	4,096	3,633
31	39	97 858	42 204,707	1 024 985,612	24,286	23,823	81	89	19 768	2 195,991	8 343,187	3,799	3,336
32	40	97 739	41 024,868	982 780,905	23,956	23,493	82	90	16 150	1 746,117	6 147,195	3,520	3,058
33	41	97 617	39 877,224	941 756,037	23,616	23,154	83	91	12 818	1 348,788	4 401,079	3,263	2,800
34	42	97 477	38 754,316	901 878,813	23,272	22,809	84	92	9 847	1 008,383	3 052,291	3,027	2,564
35	43	97 330	37 660,179	863 124,497	22,919	22,456	85	93	7 280	725,555	2 043,908	2,817	2,354
36	44	97 169	36 591,766	825 464,318	22,559	22,096	86	94	5 169	501,341	1 318,353	2,630	2,167
37	45	96 992	35 547,320	788 872,553	22,192	21,729	87	95	3 526	332,853	817,012	2,455	1,992
38	46	96 791	34 524,244	753 325,233	21,820	21,357	88	96	2 290	210,409	484,158	2,301	1,838
39	47	96 578	33 526,350	718 800,988	21,440	20,977	89	97	1 408	125,926	273,749	2,174	1,711
40	48	96 341	32 549,028	685 274,639	21,054	20,591	90	98	829	72,156	147,824	2,049	1,586
41	49	96 076	31 590,683	652 725,611	20,662	20,199	91	99	461	39,051	75,668	1,938	1,475
42	50	95 775	30 648,885	621 134,927	20,266	19,803	92	100	242	19,951	36,616	1,835	1,372
43	51	95 463	29 731,480	590 486,042	19,861	19,398							
44	52	95 113	28 829,614	560 754,563	19,451	18,988							
45	53	94 739	27 947,626	531 924,949	19,033	18,570							
46	54	94 326	27 081,229	503 977,323	18,610	18,147							
47	55	93 872	26 229,618	476 896,094	18,182	17,719							
48	56	93 362	25 388,822	450 666,476	17,751	17,288							
49	57	92 802	24 561,131	425 277,654	17,315	16,852							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	3 118 227,055	31,298	30,835	50	59	91 797	23 644,954	392 722,184	16,609	16,146
1	10	99 288	96 630,488	3 018 596,604	31,239	30,776	51	60	91 078	22 831,868	369 077,230	16,165	15,702
2	11	99 258	94 016,316	2 921 966,115	31,079	30,617	52	61	90 287	22 027,778	346 245,362	15,719	15,256
3	12	99 237	91 480,857	2 827 949,800	30,913	30,450	53	62	89 424	21 233,281	324 217,584	15,269	14,806
4	13	99 219	89 016,284	2 736 468,943	30,741	30,278	54	63	88 475	20 445,775	302 984,303	14,819	14,356
5	14	99 200	86 617,122	2 647 452,658	30,565	30,102	55	64	87 437	19 665,061	282 538,529	14,368	13,905
6	15	99 182	84 283,465	2 560 835,537	30,384	29,921	56	65	86 296	18 888,919	262 873,468	13,917	13,454
7	16	99 162	82 010,821	2 476 552,072	30,198	29,735	57	66	85 062	18 120,554	243 984,549	13,465	13,002
8	17	99 139	79 797,925	2 394 541,250	30,008	29,545	58	67	83 721	17 357,544	225 863,994	13,012	12,550
9	18	99 119	77 646,231	2 314 743,325	29,811	29,349	59	68	82 297	16 605,644	208 506,451	12,556	12,094
10	19	99 095	75 549,777	2 237 097,094	29,611	29,148	60	69	80 749	15 857,300	191 900,806	12,102	11,639
11	20	99 071	73 510,204	2 161 547,317	29,405	28,942	61	70	79 054	15 108,956	176 043,506	11,652	11,189
12	21	99 048	71 526,123	2 088 037,113	29,193	28,730	62	71	77 235	14 366,202	160 934,551	11,202	10,739
13	22	99 023	69 593,818	2 016 510,990	28,975	28,513	63	72	75 273	13 626,494	146 568,349	10,756	10,293
14	23	98 997	67 713,552	1 946 917,172	28,752	28,289	64	73	73 187	12 894,324	132 941,855	10,310	9,847
15	24	98 968	65 882,349	1 879 203,620	28,524	28,061	65	74	70 945	12 164,803	120 047,531	9,868	9,406
16	25	98 937	64 098,578	1 813 321,271	28,290	27,827	66	75	68 585	11 445,395	107 882,727	9,426	8,963
17	26	98 895	62 356,653	1 749 222,693	28,052	27,589	67	76	66 076	10 731,587	96 437,333	8,986	8,523
18	27	98 851	60 660,745	1 686 866,040	27,808	27,345	68	77	63 445	10 028,382	85 705,746	8,546	8,083
19	28	98 792	59 002,054	1 626 205,295	27,562	27,099	69	78	60 710	9 339,262	75 677,363	8,103	7,640
20	29	98 729	57 386,092	1 567 203,240	27,310	26,847	70	79	57 813	8 655,595	66 338,102	7,664	7,201
21	30	98 664	55 813,389	1 509 817,148	27,051	26,588	71	80	54 770	7 980,620	57 682,507	7,228	6,765
22	31	98 596	54 282,276	1 454 003,759	26,786	26,323	72	81	51 522	7 306,287	49 701,887	6,803	6,340
23	32	98 523	52 790,313	1 399 721,484	26,515	26,052	73	82	48 140	6 644,017	42 395,601	6,381	5,918
24	33	98 448	51 338,595	1 346 931,170	26,236	25,773	74	83	44 554	5 984,612	35 751,584	5,974	5,511
25	34	98 369	49 924,191	1 295 592,576	25,951	25,488	75	84	40 783	5 331,353	29 766,972	5,583	5,121
26	35	98 288	48 548,018	1 245 668,385	25,658	25,196	76	85	36 874	4 691,369	24 435,620	5,209	4,746
27	36	98 198	47 205,806	1 197 120,367	25,360	24,897	77	86	32 877	4 070,960	19 744,251	4,850	4,387
28	37	98 108	45 899,830	1 149 914,562	25,053	24,590	78	87	28 863	3 478,216	15 673,291	4,506	4,043
29	38	98 013	44 628,160	1 104 014,732	24,738	24,275	79	88	24 840	2 913,295	12 195,075	4,186	3,723
30	39	97 910	43 388,250	1 059 386,572	24,416	23,954	80	89	20 936	2 389,691	9 281,780	3,884	3,421
31	40	97 795	42 177,246	1 015 998,322	24,089	23,626	81	90	17 222	1 913,134	6 892,090	3,603	3,140
32	41	97 677	40 998,894	973 821,076	23,752	23,290	82	91	13 774	1 489,233	4 978,956	3,343	2,880
33	42	97 545	39 847,997	932 822,182	23,410	22,947	83	92	10 692	1 124,986	3 489,722	3,102	2,639
34	43	97 398	38 723,047	892 974,185	23,061	22,598	84	93	7 996	818,861	2 364,736	2,888	2,425
35	44	97 243	37 626,447	854 251,138	22,703	22,241	85	94	5 755	573,581	1 545,875	2,695	2,232
36	45	97 077	36 557,155	816 624,692	22,338	21,875	86	95	3 983	386,305	972,294	2,517	2,054
37	46	96 887	35 509,083	780 067,536	21,968	21,505	87	96	2 629	248,224	585,989	2,361	1,898
38	47	96 676	34 483,361	744 558,453	21,592	21,129	88	97	1 650	151,639	337,764	2,227	1,765
39	48	96 452	33 482,787	710 075,092	21,207	20,744	89	98	993	88,810	186,125	2,096	1,633
40	49	96 195	32 499,648	676 592,306	20,818	20,356	90	99	565	49,136	97,315	1,981	1,518
41	50	95 914	31 537,483	644 092,658	20,423	19,960	91	100	303	25,647	48,179	1,879	1,416
42	51	95 598	30 592,371	612 555,175	20,023	19,560							
43	52	95 265	29 669,742	581 962,804	19,615	19,152							
44	53	94 903	28 766,061	552 293,062	19,199	18,737							
45	54	94 504	27 878,356	523 527,001	18,779	18,316							
46	55	94 066	27 006,640	495 648,645	18,353	17,890							
47	56	93 580	26 147,981	468 642,005	17,923	17,460							
48	57	93 046	25 302,967	442 494,024	17,488	17,025							
49	58	92 454	24 468,873	417 191,056	17,050	16,587							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	3 108 305,143	31,200	30,737	50	60	91 372	23 535,372	384 321,886	16,330	15,867
1	11	99 282	96 625,116	3 008 679,988	31,138	30,675	51	61	90 611	22 714,814	360 786,514	15,883	15,420
2	12	99 251	94 009,086	2 912 054,871	30,976	30,513	52	62	89 783	21 904,726	338 071,700	15,434	14,971
3	13	99 231	91 475,076	2 818 045,785	30,807	30,344	53	63	88 877	21 103,292	316 166,974	14,982	14,519
4	14	99 212	89 009,249	2 726 570,710	30,632	30,170	54	64	87 877	20 307,557	295 063,682	14,530	14,067
5	15	99 191	86 609,131	2 637 561,461	30,454	29,991	55	65	86 789	19 519,366	274 756,124	14,076	13,613
6	16	99 171	84 273,707	2 550 952,330	30,270	29,807	56	66	85 604	18 737,549	255 236,758	13,622	13,159
7	17	99 149	82 000,337	2 466 678,623	30,081	29,619	57	67	84 317	17 961,859	236 499,209	13,167	12,704
8	18	99 127	79 787,579	2 384 678,286	29,888	29,425	58	68	82 938	17 195,113	218 537,350	12,709	12,246
9	19	99 103	77 633,628	2 304 890,707	29,689	29,227	59	69	81 457	16 436,201	201 342,237	12,250	11,787
10	20	99 079	75 537,359	2 227 257,079	29,486	29,023	60	70	79 817	15 674,207	184 906,036	11,797	11,334
11	21	99 055	73 498,171	2 151 719,720	29,276	28,813	61	71	78 062	14 919,312	169 231,829	11,343	10,880
12	22	99 031	71 513,979	2 078 221,548	29,060	28,598	62	72	76 168	14 167,740	154 512,518	10,892	10,429
13	23	99 006	69 582,141	2 006 707,570	28,839	28,377	63	73	74 148	13 422,806	140 144,777	10,441	9,978
14	24	98 981	67 702,477	1 937 125,429	28,612	28,150	64	74	71 962	12 678,524	126 721,971	9,995	9,532
15	25	98 952	65 871,526	1 869 422,951	28,380	27,917	65	75	69 655	11 943,500	114 043,447	9,549	9,086
16	26	98 918	64 086,116	1 803 551,425	28,143	27,680	66	76	67 205	11 215,113	102 099,947	9,104	8,641
17	27	98 877	62 345,539	1 739 465,309	27,900	27,438	67	77	64 613	10 493,895	90 884,834	8,661	8,198
18	28	98 830	60 648,022	1 677 119,770	27,653	27,191	68	78	61 926	9 788,319	80 390,939	8,213	7,750
19	29	98 769	58 988,013	1 616 471,748	27,403	26,941	69	79	59 058	9 085,164	70 602,620	7,771	7,308
20	30	98 704	57 371,931	1 557 483,736	27,147	26,684	70	80	56 032	8 388,930	61 517,456	7,333	6,870
21	31	98 636	55 797,606	1 500 111,805	26,885	26,422	71	81	52 839	7 699,211	53 128,526	6,901	6,438
22	32	98 564	54 264,796	1 444 314,199	26,616	26,153	72	82	49 439	7 011,001	45 429,316	6,480	6,017
23	33	98 490	52 772,581	1 390 049,402	26,340	25,878	73	83	45 877	6 331,733	38 418,315	6,068	5,605
24	34	98 414	51 320,614	1 337 276,822	26,057	25,594	74	84	42 095	5 654,286	32 086,582	5,675	5,212
25	35	98 331	49 905,130	1 285 956,207	25,768	25,305	75	85	38 181	4 991,276	26 432,296	5,296	4,833
26	36	98 242	48 525,349	1 236 051,077	25,472	25,009	76	86	34 156	4 345,644	21 441,020	4,934	4,471
27	37	98 152	47 183,295	1 187 525,728	25,168	24,706	77	87	30 074	3 723,794	17 095,375	4,591	4,128
28	38	98 058	45 876,653	1 140 342,433	24,857	24,394	78	88	26 003	3 133,543	13 371,581	4,267	3,804
29	39	97 958	44 603,431	1 094 465,780	24,538	24,075	79	89	22 025	2 583,207	10 238,038	3,963	3,500
30	40	97 846	43 360,019	1 049 862,349	24,213	23,750	80	90	18 239	2 081,884	7 654,831	3,677	3,214
31	41	97 733	42 150,543	1 006 502,329	23,879	23,416	81	91	14 688	1 631,679	5 572,948	3,415	2,953
32	42	97 605	40 968,844	964 351,786	23,539	23,076	82	92	11 489	1 242,128	3 941,268	3,173	2,710
33	43	97 467	39 815,845	923 382,942	23,191	22,729	83	93	8 682	913,550	2 699,141	2,955	2,492
34	44	97 311	38 688,363	883 567,097	22,838	22,375	84	94	6 321	647,344	1 785,591	2,758	2,296
35	45	97 151	37 590,858	844 878,734	22,476	22,013	85	95	4 435	441,969	1 138,248	2,575	2,113
36	46	96 973	36 517,832	807 287,876	22,107	21,644	86	96	2 970	288,086	696,278	2,417	1,954
37	47	96 773	35 467,034	770 770,044	21,732	21,269	87	97	1 895	178,892	408,193	2,282	1,819
38	48	96 550	34 438,554	735 303,011	21,351	20,888	88	98	1 164	106,945	229,301	2,144	1,681
39	49	96 306	33 431,990	700 864,456	20,964	20,501	89	99	676	60,478	122,356	2,023	1,560
40	50	96 033	32 444,916	667 432,467	20,571	20,108	90	100	371	32,270	61,878	1,918	1,455
41	51	95 737	31 479,331	634 987,551	20,172	19,709							
42	52	95 400	30 528,846	603 508,220	19,768	19,306							
43	53	95 055	29 604,338	572 979,374	19,355	18,892							
44	54	94 668	28 694,762	543 375,036	18,936	18,474							
45	55	94 244	27 801,571	514 680,274	18,513	18,050							
46	56	93 774	26 922,585	486 878,703	18,084	17,622							
47	57	93 264	26 059,560	459 956,118	17,650	17,187							
48	58	92 697	25 207,922	433 896,559	17,213	16,750							
49	59	92 068	24 366,750	408 688,636	16,772	16,310							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	3 097 831,121	31,097	30,634	50	61	90 903	23 414,711	375 520,666	16,038	15,575
1	12	99 275	96 617,686	2 998 211,504	31,032	30,569	51	62	90 105	22 587,924	352 105,955	15,588	15,125
2	13	99 244	94 003,145	2 901 593,819	30,867	30,404	52	63	89 233	21 770,628	329 518,031	15,136	14,673
3	14	99 223	91 467,845	2 807 590,674	30,695	30,232	53	64	88 276	20 960,630	307 747,403	14,682	14,219
4	15	99 202	89 001,037	2 716 122,829	30,518	30,055	54	65	87 226	20 157,103	286 786,773	14,228	13,765
5	16	99 180	86 599,104	2 627 121,791	30,337	29,874	55	66	86 094	19 362,944	266 629,670	13,770	13,307
6	17	99 158	84 262,934	2 540 522,687	30,150	29,687	56	67	84 855	18 573,450	247 266,726	13,313	12,850
7	18	99 136	81 989,705	2 456 259,753	29,958	29,495	57	68	83 528	17 793,773	228 693,276	12,852	12,390
8	19	99 110	79 774,628	2 374 270,048	29,762	29,299	58	69	82 091	17 019,655	210 899,503	12,392	11,929
9	20	99 087	77 620,867	2 294 495,420	29,560	29,097	59	70	80 517	16 246,424	193 879,849	11,934	11,471
10	21	99 062	75 524,995	2 216 874,553	29,353	28,890	60	71	78 815	15 477,468	177 633,425	11,477	11,014
11	22	99 038	73 485,692	2 141 349,557	29,140	28,677	61	72	76 984	14 713,209	162 155,957	11,021	10,558
12	23	99 015	71 501,980	2 067 863,866	28,920	28,458	62	73	75 030	13 955,962	147 442,748	10,565	10,102
13	24	98 990	69 570,761	1 996 361,886	28,695	28,233	63	74	72 907	13 198,161	133 486,786	10,114	9,651
14	25	98 964	67 691,356	1 926 791,125	28,464	28,002	64	75	70 653	12 447,875	120 288,624	9,663	9,201
15	26	98 933	65 858,720	1 859 099,769	28,229	27,766	65	76	68 253	11 703,197	107 840,749	9,215	8,752
16	27	98 900	64 074,693	1 793 241,049	27,987	27,524	66	77	65 717	10 966,712	96 137,552	8,766	8,303
17	28	98 857	62 332,462	1 729 166,356	27,741	27,278	67	78	63 066	10 242,687	85 170,840	8,315	7,852
18	29	98 807	60 633,588	1 666 833,894	27,490	27,027	68	79	60 241	9 522,003	74 928,153	7,869	7,406
19	30	98 744	58 973,456	1 606 200,306	27,236	26,773	69	80	57 239	8 805,264	65 406,150	7,428	6,965
20	31	98 676	57 355,707	1 547 226,849	26,976	26,513	70	81	54 056	8 093,123	56 600,885	6,994	6,531
21	32	98 604	55 779,639	1 489 871,142	26,710	26,247	71	82	50 704	7 388,045	48 507,762	6,566	6,103
22	33	98 531	54 246,569	1 434 091,503	26,437	25,974	72	83	47 115	6 681,468	41 119,717	6,154	5,691
23	34	98 455	52 754,098	1 379 844,935	26,156	25,693	73	84	43 345	5 982,247	34 438,249	5,757	5,294
24	35	98 376	51 301,020	1 327 090,837	25,869	25,406	74	85	39 410	5 293,610	28 456,002	5,376	4,913
25	36	98 285	49 881,828	1 275 789,816	25,576	25,113	75	86	35 367	4 623,451	23 162,391	5,010	4,547
26	37	98 195	48 502,209	1 225 907,988	25,275	24,812	76	87	31 244	3 975,054	18 538,941	4,664	4,201
27	38	98 102	47 159,471	1 177 405,779	24,966	24,504	77	88	27 094	3 354,786	14 563,887	4,341	3,878
28	39	98 004	45 851,233	1 130 246,309	24,650	24,187	78	89	23 056	2 778,500	11 209,101	4,034	3,571
29	40	97 895	44 574,410	1 084 395,076	24,328	23,865	79	90	19 188	2 250,474	8 430,601	3,746	3,283
30	41	97 784	43 332,567	1 039 820,666	23,996	23,533	80	91	15 556	1 775,603	6 180,128	3,481	3,018
31	42	97 661	42 119,649	996 488,099	23,659	23,196	81	92	12 251	1 360,938	4 404,524	3,236	2,774
32	43	97 526	40 935,789	954 368,450	23,314	22,851	82	93	9 330	1 008,675	3 043,587	3,017	2,555
33	44	97 379	39 780,182	913 432,661	22,962	22,499	83	94	6 864	722,199	2 034,912	2,818	2,355
34	45	97 219	38 651,769	873 652,479	22,603	22,140	84	95	4 871	498,806	1 312,713	2,632	2,169
35	46	97 046	37 550,423	835 000,710	22,237	21,774	85	96	3 307	329,597	813,907	2,469	2,007
36	47	96 858	36 474,588	797 450,287	21,863	21,400	86	97	2 140	207,620	484,310	2,333	1,870
37	48	96 647	35 420,949	760 975,699	21,484	21,021	87	98	1 336	126,165	276,690	2,193	1,730
38	49	96 404	34 386,307	725 554,750	21,100	20,637	88	99	793	72,827	150,525	2,067	1,604
39	50	96 144	33 375,688	691 168,443	20,709	20,246	89	100	444	39,718	77,698	1,956	1,493
40	51	95 856	32 385,091	657 792,755	20,312	19,849							
41	52	95 538	31 413,964	625 407,664	19,909	19,446							
42	53	95 189	30 461,548	593 993,700	19,500	19,037							
43	54	94 819	29 530,961	563 532,152	19,083	18,620							
44	55	94 407	28 615,729	534 001,192	18,661	18,198							
45	56	93 950	27 715,042	505 385,462	18,235	17,772							
46	57	93 457	26 831,544	477 670,420	17,803	17,340							
47	58	92 913	25 961,672	450 838,877	17,366	16,903							
48	59	92 310	25 102,715	424 877,205	16,926	16,463							
49	60	91 641	24 253,823	399 774,489	16,483	16,020							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	3 086 796,126	30,988	30,525	50	62	90 396	23 283,912	366 325,185	15,733	15,270
1	13	99 268	96 611,580	2 987 184,170	30,920	30,457	51	63	89 554	22 449,643	343 041,273	15,280	14,818
2	14	99 237	93 995,715	2 890 572,590	30,752	30,289	52	64	88 630	21 623,454	320 591,630	14,826	14,363
3	15	99 214	91 459,408	2 796 576,876	30,577	30,114	53	65	87 622	20 805,337	298 968,176	14,370	13,907
4	16	99 191	88 990,734	2 705 117,468	30,398	29,935	54	66	86 527	19 995,570	278 162,838	13,911	13,448
5	17	99 167	86 588,034	2 616 126,735	30,213	29,751	55	67	85 340	19 193,368	258 167,269	13,451	12,988
6	18	99 145	84 252,009	2 529 538,701	30,023	29,561	56	68	84 060	18 399,641	238 973,901	12,988	12,525
7	19	99 120	81 976,397	2 445 286,693	29,829	29,366	57	69	82 676	17 612,206	220 574,259	12,524	12,061
8	20	99 094	79 761,516	2 363 310,296	29,630	29,160	58	70	81 143	16 823,141	202 962,054	12,064	11,602
9	21	99 070	77 608,162	2 283 548,780	29,424	28,961	59	71	79 506	16 042,502	186 138,913	11,603	11,140
10	22	99 046	75 512,171	2 205 940,618	29,213	28,750	60	72	77 726	15 263,655	170 096,411	11,144	10,681
11	23	99 022	73 473,362	2 130 428,447	28,996	28,533	61	73	75 833	14 493,277	154 832,756	10,683	10,220
12	24	98 999	71 490,285	2 056 955,084	28,773	28,310	62	74	73 774	13 722,395	140 339,479	10,227	9,764
13	25	98 974	69 559,332	1 985 464,799	28,543	28,081	63	75	71 581	12 958,059	126 617,084	9,771	9,308
14	26	98 945	67 678,196	1 915 905,467	28,309	27,846	64	76	69 232	12 197,424	113 659,025	9,318	8,855
15	27	98 915	65 846,981	1 848 227,271	28,069	27,606	65	77	66 742	11 443,985	101 461,601	8,866	8,403
16	28	98 879	64 061,254	1 782 380,290	27,823	27,360	66	78	64 144	10 704,186	90 017,616	8,410	7,947
17	29	98 833	62 317,628	1 718 319,036	27,574	27,111	67	79	61 350	9 964,010	79 313,430	7,960	7,497
18	30	98 782	60 618,626	1 656 001,408	27,318	26,856	68	80	58 385	9 228,645	69 349,420	7,515	7,052
19	31	98 716	58 956,780	1 595 382,782	27,060	26,597	69	81	55 220	8 494,777	60 120,775	7,077	6,615
20	32	98 645	57 337,238	1 536 426,003	26,796	26,333	70	82	51 871	7 766,038	51 625,997	6,648	6,185
21	33	98 571	55 760,902	1 479 088,765	26,526	26,063	71	83	48 320	7 040,790	43 859,960	6,229	5,767
22	34	98 496	54 227,570	1 423 327,863	26,247	25,784	72	84	44 515	6 312,678	36 819,170	5,833	5,370
23	35	98 418	52 733,957	1 369 100,293	25,962	25,500	73	85	40 580	5 600,652	30 506,491	5,447	4,984
24	36	98 330	51 277,066	1 316 366,336	25,672	25,209	74	86	36 506	4 903,504	24 905,840	5,079	4,616
25	37	98 238	49 858,041	1 265 089,270	25,374	24,911	75	87	32 351	4 229,170	20 002,335	4,730	4,267
26	38	98 145	48 477,719	1 215 231,228	25,068	24,605	76	88	28 148	3 581,147	15 773,166	4,405	3,942
27	39	98 048	47 133,340	1 166 753,510	24,754	24,291	77	89	24 024	2 974,675	12 192,019	4,099	3,636
28	40	97 940	45 821,400	1 119 620,170	24,434	23,972	78	90	20 087	2 420,612	9 217,344	3,808	3,345
29	41	97 833	44 546,189	1 073 798,770	24,105	23,642	79	91	16 365	1 919,391	6 796,732	3,541	3,078
30	42	97 713	43 300,807	1 029 252,582	23,770	23,307	80	92	12 975	1 480,981	4 877,341	3,293	2,830
31	43	97 582	42 085,665	985 951,775	23,427	22,964	81	93	9 948	1 105,155	3 396,361	3,073	2,610
32	44	97 439	40 899,123	943 866,110	23,078	22,615	82	94	7 375	797,399	2 291,206	2,873	2,411
33	45	97 287	39 742,556	902 966,988	22,720	22,258	83	95	5 289	556,485	1 493,807	2,684	2,222
34	46	97 115	38 610,193	863 224,431	22,357	21,895	84	96	3 632	371,983	937,321	2,520	2,057
35	47	96 931	37 505,956	824 614,239	21,986	21,523	85	97	2 383	237,536	565,338	2,380	1,917
36	48	96 732	36 427,194	787 108,283	21,608	21,145	86	98	1 510	146,426	327,802	2,239	1,776
37	49	96 500	35 367,211	750 681,088	21,225	20,763	87	99	910	85,916	181,376	2,111	1,648
38	50	96 242	34 328,398	715 313,877	20,837	20,375	88	100	521	47,829	95,460	1,996	1,533
39	51	95 967	33 314,147	680 985,478	20,441	19,979							
40	52	95 657	32 317,843	647 671,332	20,041	19,578							
41	53	95 328	31 344,714	615 353,489	19,632	19,169							
42	54	94 954	30 386,046	584 008,775	19,220	18,757							
43	55	94 558	29 449,624	553 622,728	18,799	18,336							
44	56	94 113	28 526,666	524 173,104	18,375	17,912							
45	57	93 633	27 621,321	495 646,438	17,944	17,482							
46	58	93 106	26 730,757	468 025,117	17,509	17,046							
47	59	92 526	25 853,319	441 294,360	17,069	16,606							
48	60	91 882	24 986,377	415 441,041	16,627	16,164							
49	61	91 171	24 129,479	390 454,663	16,182	15,719							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	3 075 193,643	30,874	30,411	50	63	89 842	23 141,370	356 741,985	15,416	14,953
1	14	99 261	96 603,944	2 975 587,983	30,802	30,339	51	64	88 948	22 297,879	333 600,615	14,961	14,498
2	15	99 227	93 987,044	2 878 984,039	30,632	30,169	52	65	87 973	21 463,250	311 302,736	14,504	14,041
3	16	99 203	91 448,819	2 784 996,996	30,454	29,991	53	66	86 920	20 638,610	289 839,486	14,044	13,581
4	17	99 178	88 979,357	2 693 548,177	30,272	29,809	54	67	85 769	19 820,453	269 200,876	13,582	13,119
5	18	99 154	86 576,807	2 604 568,820	30,084	29,621	55	68	84 541	19 013,758	249 380,423	13,116	12,653
6	19	99 129	84 238,333	2 517 992,013	29,891	29,428	56	69	83 203	18 211,892	230 366,665	12,649	12,186
7	20	99 104	81 962,923	2 433 753,680	29,693	29,231	57	70	81 721	17 408,850	212 154,773	12,187	11,724
8	21	99 078	79 748,460	2 351 790,757	29,490	29,027	58	71	80 125	16 611,981	194 745,923	11,723	11,260
9	22	99 054	77 594,984	2 272 042,297	29,281	28,818	59	72	78 408	15 820,883	178 133,943	11,259	10,797
10	23	99 029	75 499,502	2 194 447,313	29,066	28,603	60	73	76 565	15 035,495	162 313,060	10,795	10,333
11	24	99 005	73 461,345	2 118 947,811	28,844	28,382	61	74	74 564	14 250,717	147 277,564	10,335	9,872
12	25	98 982	71 478,542	2 045 486,465	28,617	28,154	62	75	72 432	13 472,755	133 026,847	9,874	9,411
13	26	98 954	69 545,809	1 974 007,924	28,384	27,921	63	76	70 140	12 697,343	119 554,092	9,416	8,953
14	27	98 927	67 666,133	1 904 462,115	28,145	27,682	64	77	67 698	11 927,265	106 856,749	8,959	8,496
15	28	98 895	65 833,170	1 836 795,982	27,901	27,438	65	78	65 144	11 170,034	94 929,483	8,499	8,036
16	29	98 856	64 046,008	1 770 962,812	27,651	27,189	66	79	62 399	10 412,952	83 759,450	8,044	7,581
17	30	98 809	62 302,250	1 706 916,804	27,397	26,935	67	80	59 460	9 657,035	73 346,498	7,595	7,132
18	31	98 754	60 601,484	1 644 614,554	27,138	26,675	68	81	56 326	8 903,229	63 689,463	7,154	6,691
19	32	98 684	58 937,795	1 584 013,070	26,876	26,413	69	82	52 989	8 151,459	54 786,234	6,721	6,258
20	33	98 611	57 317,978	1 525 075,275	26,607	26,144	70	83	49 433	7 401,016	46 634,775	6,301	5,838
21	34	98 536	55 741,373	1 467 757,297	26,332	25,869	71	84	45 653	6 652,168	39 233,759	5,898	5,435
22	35	98 459	54 206,866	1 412 015,924	26,049	25,586	72	85	41 675	5 910,005	32 581,591	5,513	5,050
23	36	98 372	52 709,334	1 357 809,058	25,760	25,297	73	86	37 590	5 187,919	26 671,586	5,141	4,678
24	37	98 283	51 252,614	1 305 099,724	25,464	25,001	74	87	33 393	4 485,341	21 483,667	4,790	4,327
25	38	98 189	49 832,866	1 253 847,110	25,161	24,698	75	88	29 145	3 810,081	16 998,327	4,461	3,999
26	39	98 091	48 450,857	1 204 014,244	24,850	24,387	76	89	24 958	3 175,389	13 188,246	4,153	3,690
27	40	97 984	47 102,672	1 155 563,387	24,533	24,070	77	90	20 929	2 591,518	10 012,857	3,864	3,401
28	41	97 878	45 792,389	1 108 460,715	24,206	23,743	78	91	17 132	2 064,499	7 421,339	3,595	3,132
29	42	97 761	44 513,539	1 062 668,326	23,873	23,410	79	92	13 650	1 600,910	5 356,840	3,346	2,883
30	43	97 634	43 265,869	1 018 154,787	23,533	23,070	80	93	10 536	1 202,637	3 755,931	3,123	2,660
31	44	97 495	42 047,969	974 888,917	23,185	22,722	81	94	7 865	873,671	2 553,294	2,922	2,460
32	45	97 347	40 860,438	932 840,949	22,830	22,367	82	95	5 683	614,431	1 679,623	2,734	2,271
33	46	97 183	39 699,807	891 980,510	22,468	22,005	83	96	3 944	414,997	1 065,193	2,567	2,104
34	47	97 000	38 564,471	852 280,704	22,100	21,637	84	97	2 618	268,083	650,196	2,425	1,963
35	48	96 805	37 457,222	813 716,233	21,724	21,261	85	98	1 681	167,525	382,112	2,281	1,818
36	49	96 586	36 371,930	776 259,011	21,342	20,879	86	99	1 028	99,712	214,587	2,152	1,689
37	50	96 338	35 307,651	739 887,080	20,955	20,493	87	100	598	56,425	114,875	2,036	1,573
38	51	96 064	34 265,100	704 579,430	20,563	20,100							
39	52	95 767	33 244,969	670 314,329	20,163	19,700							
40	53	95 446	32 246,601	637 069,360	19,756	19,293							
41	54	95 091	31 267,024	604 822,759	19,344	18,881							
42	55	94 692	30 302,355	573 555,735	18,928	18,465							
43	56	94 264	29 357,966	543 253,380	18,504	18,042							
44	57	93 795	28 430,201	513 895,414	18,076	17,613							
45	58	93 281	27 517,568	485 465,214	17,642	17,179							
46	59	92 717	26 619,194	457 947,646	17,204	16,741							
47	60	92 097	25 733,503	431 328,452	16,761	16,299							
48	61	91 411	24 858,277	405 594,949	16,316	15,853							
49	62	90 662	23 994,687	380 736,672	15,868	15,405							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	3 063 013,875	30,754	30,291	50	64	89 235	22 984,930	346 779,949	15,087	14,624
1	15	99 251	96 595,032	2 963 416,087	30,679	30,216	51	65	88 289	22 132,679	323 795,019	14,630	14,167
2	16	99 216	93 976,162	2 866 821,055	30,506	30,043	52	66	87 268	21 291,250	301 662,340	14,168	13,706
3	17	99 190	91 437,128	2 772 844,893	30,325	29,862	53	67	86 158	20 457,862	280 371,099	13,705	13,242
4	18	99 165	88 967,821	2 681 407,765	30,139	29,676	54	68	84 967	19 634,975	259 913,229	13,237	12,774
5	19	99 138	86 562,754	2 592 439,944	29,949	29,486	55	69	83 679	18 819,742	240 278,254	12,767	12,305
6	20	99 113	84 224,487	2 505 877,190	29,752	29,290	56	70	82 242	18 001,612	221 458,512	12,302	11,839
7	21	99 088	81 949,507	2 421 652,703	29,551	29,088	57	71	80 695	17 190,338	203 456,900	11,836	11,373
8	22	99 061	79 734,919	2 339 703,197	29,344	28,881	58	72	79 018	16 382,495	186 266,562	11,370	10,907
9	23	99 037	77 581,966	2 259 968,278	29,130	28,667	59	73	77 236	15 584,394	169 884,067	10,901	10,438
10	24	99 013	75 487,153	2 182 386,312	28,911	28,448	60	74	75 283	14 783,861	154 299,673	10,437	9,974
11	25	98 989	73 449,278	2 106 899,158	28,685	28,222	61	75	73 207	13 991,466	139 515,812	9,971	9,509
12	26	98 963	71 464,645	2 033 449,881	28,454	27,991	62	76	70 975	13 201,684	125 524,346	9,508	9,045
13	27	98 937	69 533,413	1 961 985,236	28,216	27,754	63	77	68 587	12 416,112	112 322,662	9,047	8,584
14	28	98 907	67 651,940	1 892 451,823	27,973	27,511	64	78	66 078	11 641,745	99 906,550	8,582	8,119
15	29	98 871	65 817,503	1 824 799,882	27,725	27,262	65	79	63 371	10 866,125	88 264,805	8,123	7,660
16	30	98 831	64 030,204	1 758 982,380	27,471	27,008	66	80	60 476	10 092,146	77 398,680	7,669	7,206
17	31	98 781	62 284,632	1 694 952,176	27,213	26,750	67	81	57 364	9 316,513	67 306,534	7,224	6,762
18	32	98 723	60 581,970	1 632 667,544	26,950	26,487	68	82	54 050	8 543,403	57 990,021	6,788	6,325
19	33	98 651	58 917,998	1 572 085,575	26,683	26,220	69	83	50 498	7 768,321	49 446,618	6,365	5,902
20	34	98 577	57 297,904	1 513 167,577	26,409	25,946	70	84	46 705	6 992,511	41 678,297	5,960	5,498
21	35	98 499	55 720,091	1 455 869,673	26,128	25,665	71	85	42 741	6 227,839	34 685,786	5,569	5,107
22	36	98 413	54 181,555	1 400 149,582	25,842	25,379	72	86	38 604	5 474,475	28 457,947	5,198	4,735
23	37	98 325	52 684,199	1 345 968,027	25,548	25,085	73	87	34 384	4 745,501	22 983,473	4,843	4,380
24	38	98 234	51 226,735	1 293 283,828	25,246	24,783	74	88	30 084	4 040,867	18 237,972	4,513	4,051
25	39	98 134	49 805,254	1 242 057,093	24,938	24,475	75	89	25 843	3 378,383	14 197,105	4,202	3,740
26	40	98 027	48 419,332	1 192 251,840	24,623	24,161	76	90	21 744	2 766,379	10 818,721	3,911	3,448
27	41	97 922	47 072,850	1 143 832,507	24,299	23,836	77	91	17 850	2 210,262	8 052,343	3,643	3,180
28	42	97 806	45 758,826	1 096 759,657	23,968	23,505	78	92	14 289	1 721,940	5 842,081	3,393	2,930
29	43	97 682	44 477,623	1 051 000,831	23,630	23,167	79	93	11 085	1 300,025	4 120,141	3,169	2,706
30	44	97 546	43 227,116	1 006 523,208	23,285	22,822	80	94	8 329	950,734	2 820,115	2,966	2,503
31	45	97 403	42 008,198	963 296,092	22,931	22,468	81	95	6 060	673,201	1 869,382	2,777	2,314
32	46	97 242	40 816,486	921 287,894	22,571	22,109	82	96	4 238	458,209	1 196,180	2,611	2,148
33	47	97 068	39 652,795	880 471,408	22,205	21,742	83	97	2 842	299,083	737,971	2,467	2,005
34	48	96 873	38 514,362	840 818,613	21,831	21,368	84	98	1 846	189,068	438,888	2,321	1,858
35	49	96 659	37 400,395	802 304,252	21,452	20,989	85	99	1 145	114,080	249,819	2,190	1,727
36	50	96 423	36 310,678	764 903,856	21,066	20,603	86	100	675	65,486	135,739	2,073	1,610
37	51	96 160	35 242,547	728 593,179	20,674	20,211							
38	52	95 865	34 193,949	693 350,632	20,277	19,814							
39	53	95 556	33 171,684	659 156,683	19,871	19,408							
40	54	95 209	32 166,675	625 985,000	19,461	18,998							
41	55	94 830	31 180,906	593 818,324	19,044	18,581							
42	56	94 397	30 208,042	562 637,419	18,625	18,163							
43	57	93 945	29 258,690	532 429,376	18,197	17,734							
44	58	93 443	28 323,409	503 170,687	17,765	17,302							
45	59	92 892	27 402,721	474 847,278	17,328	16,866							
46	60	92 287	26 495,828	447 444,557	16,887	16,425							
47	61	91 625	25 601,572	420 948,729	16,442	15,979							
48	62	90 900	24 719,414	395 347,157	15,993	15,531							
49	63	90 107	23 847,793	370 627,743	15,541	15,079							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	3 050 250,101	30,629	30,166	50	65	88 574	22 814,639	336 450,764	14,747	14,284
1	16	99 240	96 583,849	2 950 661,501	30,550	30,087	51	66	87 582	21 955,314	313 636,125	14,285	13,822
2	17	99 203	93 964,149	2 854 077,652	30,374	29,911	52	67	86 504	21 104,787	291 680,811	13,821	13,358
3	18	99 177	91 425,273	2 760 113,503	30,190	29,727	53	68	85 352	20 266,418	270 576,024	13,351	12,888
4	19	99 149	88 953,379	2 668 688,230	30,001	29,538	54	69	84 100	19 434,620	250 309,606	12,880	12,417
5	20	99 122	86 548,526	2 579 734,851	29,807	29,344	55	70	82 712	18 602,444	230 874,986	12,411	11,948
6	21	99 096	84 210,701	2 493 186,325	29,607	29,144	56	71	81 210	17 775,660	212 272,542	11,942	11,479
7	22	99 071	81 935,592	2 408 975,624	29,401	28,938	57	72	79 581	16 952,862	194 496,882	11,473	11,010
8	23	99 044	79 721,541	2 327 040,032	29,190	28,720	58	73	77 837	16 137,611	177 544,020	11,002	10,539
9	24	99 021	77 569,277	2 247 318,491	28,972	28,509	59	74	75 943	15 323,573	161 406,409	10,533	10,070
10	25	98 997	75 474,753	2 169 749,214	28,748	28,285	60	75	73 914	14 514,911	146 082,836	10,064	9,602
11	26	98 970	73 434,998	2 094 274,461	28,519	28,056	61	76	71 734	13 709,958	131 567,925	9,597	9,134
12	27	98 945	71 451,907	2 020 839,463	28,283	27,820	62	77	69 403	12 909,282	117 857,967	9,130	8,667
13	28	98 916	69 518,829	1 949 387,556	28,041	27,578	63	78	66 945	12 118,890	104 948,685	8,660	8,197
14	29	98 883	67 635,840	1 879 868,727	27,794	27,331	64	79	64 280	11 325,003	92 829,795	8,197	7,734
15	30	98 847	65 801,261	1 812 232,887	27,541	27,078	65	80	61 419	10 531,357	81 504,793	7,739	7,276
16	31	98 803	64 012,097	1 746 431,626	27,283	26,820	66	81	58 344	9 736,281	70 973,435	7,290	6,827
17	32	98 749	62 264,576	1 682 419,530	27,020	26,558	67	82	55 045	8 939,983	61 237,154	6,850	6,387
18	33	98 689	60 561,620	1 620 154,954	26,752	26,289	68	83	51 509	8 141,843	52 297,171	6,423	5,960
19	34	98 617	58 897,363	1 559 593,334	26,480	26,017	69	84	47 711	7 339,542	44 155,327	6,016	5,553
20	35	98 539	57 276,028	1 500 695,971	26,201	25,738	70	85	43 726	6 546,472	36 815,785	5,624	5,161
21	36	98 453	55 694,073	1 443 419,943	25,917	25,454	71	86	39 591	5 768,886	30 269,313	5,247	4,784
22	37	98 366	54 155,718	1 387 725,870	25,625	25,162	72	87	35 312	5 007,620	24 500,427	4,893	4,430
23	38	98 275	52 657,597	1 333 570,152	25,325	24,862	73	88	30 977	4 275,247	19 492,807	4,559	4,097
24	39	98 179	51 198,350	1 280 912,555	25,019	24,556	74	89	26 675	3 583,020	15 217,560	4,247	3,784
25	40	98 070	49 772,848	1 229 714,205	24,707	24,244	75	90	22 514	2 943,227	11 634,540	3,953	3,490
26	41	97 965	48 388,677	1 179 941,357	24,385	23,922	76	91	18 545	2 359,397	8 691,313	3,684	3,221
27	42	97 850	47 038,349	1 131 552,680	24,056	23,593	77	92	14 888	1 843,517	6 331,916	3,435	2,972
28	43	97 727	45 721,905	1 084 514,331	23,720	23,257	78	93	11 603	1 398,309	4 488,399	3,210	2,747
29	44	97 595	44 437,785	1 038 792,426	23,376	22,914	79	94	8 763	1 027,724	3 090,090	3,007	2,544
30	45	97 454	43 186,230	994 354,641	23,025	22,562	80	95	6 418	732,582	2 062,367	2,815	2,352
31	46	97 298	41 963,011	951 168,412	22,667	22,204	81	96	4 519	502,037	1 329,785	2,649	2,186
32	47	97 127	40 768,152	909 205,400	22,302	21,839	82	97	3 054	330,226	827,747	2,507	2,044
33	48	96 941	39 601,271	868 437,249	21,930	21,467	83	98	2 005	210,931	497,522	2,359	1,896
34	49	96 727	38 455,931	828 835,978	21,553	21,090	84	99	1 257	128,751	286,591	2,226	1,763
35	50	96 496	37 337,411	790 380,046	21,169	20,706	85	100	752	74,922	157,839	2,107	1,644
36	51	96 245	36 243,724	753 042,636	20,777	20,314							
37	52	95 960	35 169,366	716 798,912	20,381	19,919							
38	53	95 653	34 118,571	681 629,546	19,978	19,515							
39	54	95 319	33 089,465	647 510,975	19,568	19,106							
40	55	94 947	32 078,079	614 421,510	19,154	18,691							
41	56	94 534	31 083,859	582 343,431	18,735	18,272							
42	57	94 078	30 105,891	551 259,572	18,311	17,848							
43	58	93 592	29 148,785	521 153,681	17,879	17,416							
44	59	93 053	28 205,199	492 004,895	17,444	16,981							
45	60	92 461	27 275,724	463 799,697	17,004	16,541							
46	61	91 814	26 359,989	436 523,973	16,560	16,097							
47	62	91 113	25 458,557	410 163,984	16,111	15,648							
48	63	90 344	24 568,084	384 705,426	15,659	15,196							
49	64	89 498	23 686,578	360 137,342	15,204	14,741							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	3 036 895,354	30,498	30,035	50	66	87 864	22 631,810	325 766,628	14,394	13,931
1	17	99 227	96 571,502	2 937 318,284	30,416	29,953	51	67	86 815	21 763,035	303 134,818	13,929	13,466
2	18	99 190	93 951,966	2 840 746,782	30,236	29,773	52	68	85 694	20 907,289	281 371,783	13,458	12,995
3	19	99 161	91 410,433	2 746 794,817	30,049	29,586	53	69	84 481	20 059,620	260 464,494	12,985	12,522
4	20	99 133	88 938,758	2 655 384,384	29,856	29,394	54	70	83 129	19 210,222	240 404,873	12,514	12,052
5	21	99 105	86 534,359	2 566 445,625	29,658	29,195	55	71	81 674	18 368,950	221 194,651	12,042	11,579
6	22	99 080	84 196,402	2 479 911,266	29,454	28,991	56	72	80 088	17 530,098	202 825,701	11,570	11,107
7	23	99 054	81 921,845	2 395 714,864	29,244	28,781	57	73	78 391	16 699,453	185 295,603	11,096	10,633
8	24	99 028	79 708,502	2 313 793,019	29,028	28,565	58	74	76 534	15 867,531	168 596,150	10,625	10,162
9	25	99 004	77 556,534	2 234 084,517	28,806	28,343	59	75	74 561	15 044,805	152 728,619	10,152	9,689
10	26	98 977	75 460,080	2 156 527,983	28,578	28,116	60	76	72 426	14 222,871	137 683,814	9,680	9,218
11	27	98 952	73 421,909	2 081 067,903	28,344	27,881	61	77	70 146	13 406,299	123 460,943	9,209	8,746
12	28	98 925	71 436,921	2 007 645,994	28,104	27,641	62	78	67 741	12 600,254	110 054,644	8,734	8,271
13	29	98 892	69 502,284	1 936 209,073	27,858	27,395	63	79	65 124	11 789,165	97 454,390	8,266	7,804
14	30	98 859	67 619,149	1 866 706,789	27,606	27,143	64	80	62 300	10 976,098	85 665,225	7,805	7,342
15	31	98 819	65 782,653	1 799 087,640	27,349	26,886	65	81	59 253	10 160,006	74 689,128	7,351	6,888
16	32	98 771	63 991,485	1 733 304,986	27,086	26,624	66	82	55 986	9 342,787	64 529,122	6,907	6,444
17	33	98 716	62 243,661	1 669 313,502	26,819	26,356	67	83	52 458	8 519,784	55 186,335	6,477	6,015
18	34	98 655	60 540,409	1 607 069,841	26,545	26,083	68	84	48 666	7 692,447	46 666,551	6,067	5,604
19	35	98 579	58 874,876	1 546 529,432	26,268	25,805	69	85	44 667	6 871,367	38 974,104	5,672	5,209
20	36	98 493	57 249,284	1 487 654,555	25,986	25,523	70	86	40 503	6 064,038	32 102,737	5,294	4,831
21	37	98 406	55 667,515	1 430 405,272	25,696	25,233	71	87	36 215	5 276,924	26 038,698	4,934	4,472
22	38	98 316	54 128,373	1 374 737,756	25,398	24,935	72	88	31 813	4 511,391	20 761,774	4,602	4,139
23	39	98 221	52 628,419	1 320 609,383	25,093	24,630	73	89	27 467	3 790,844	16 250,383	4,287	3,824
24	40	98 115	51 165,038	1 267 980,964	24,782	24,319	74	90	23 239	3 121,505	12 459,540	3,992	3,529
25	41	98 008	49 741,335	1 216 815,926	24,463	24,000	75	91	19 202	2 510,228	9 338,034	3,720	3,257
26	42	97 893	48 353,211	1 167 074,591	24,136	23,674	76	92	15 468	1 967,907	6 827,807	3,470	3,007
27	43	97 771	47 000,396	1 118 721,380	23,802	23,340	77	93	12 090	1 497,036	4 859,900	3,246	2,784
28	44	97 640	45 680,952	1 071 720,984	23,461	22,998	78	94	9 173	1 105,421	3 362,864	3,042	2,579
29	45	97 502	44 395,753	1 026 040,032	23,111	22,648	79	95	6 752	791,906	2 257,443	2,851	2,388
30	46	97 349	43 139,776	981 644,279	22,755	22,292	80	96	4 786	546,320	1 465,538	2,683	2,220
31	47	97 183	41 913,319	938 504,503	22,392	21,929	81	97	3 257	361,812	919,217	2,541	2,078
32	48	97 001	40 715,179	896 591,184	22,021	21,558	82	98	2 154	232,895	557,406	2,393	1,931
33	49	96 794	39 541,192	855 876,005	21,645	21,182	83	99	1 365	143,639	324,511	2,259	1,796
34	50	96 564	38 391,169	816 334,813	21,264	20,801	84	100	826	84,557	180,872	2,139	1,676
35	51	96 318	37 268,564	777 943,645	20,874	20,411							
36	52	96 045	36 168,464	740 675,080	20,478	20,016							
37	53	95 749	35 091,837	704 506,617	20,076	19,613							
38	54	95 416	34 034,005	669 414,779	19,669	19,206							
39	55	95 057	32 998,327	635 380,774	19,255	18,792							
40	56	94 652	31 978,240	602 382,446	18,837	18,374							
41	57	94 215	30 978,746	570 404,206	18,413	17,950							
42	58	93 725	29 992,805	539 425,460	17,985	17,522							
43	59	93 201	29 027,131	509 432,655	17,550	17,087							
44	60	92 622	28 074,483	480 405,524	17,112	16,649							
45	61	91 987	27 135,887	452 331,042	16,669	16,206							
46	62	91 301	26 212,737	425 195,155	16,221	15,758							
47	63	90 555	25 302,702	398 982,418	15,768	15,306							
48	64	89 733	24 401,999	373 679,716	15,313	14,851							
49	65	88 835	23 511,089	349 277,716	14,856	14,393							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	3 022 943,664	30,362	29,899	50	67	87 094	22 433,606	314 738,867	14,030	13,567
1	18	99 214	96 558,981	2 923 379,324	30,276	29,813	51	68	86 002	21 559,378	292 305,261	13,558	13,095
2	19	99 174	93 936,715	2 826 820,343	30,093	29,630	52	69	84 820	20 693,952	270 745,883	13,083	12,621
3	20	99 145	91 395,408	2 732 883,627	29,902	29,439	53	70	83 506	19 828,006	250 051,931	12,611	12,148
4	21	99 117	88 924,201	2 641 488,219	29,705	29,242	54	71	82 085	18 969,100	230 223,925	12,137	11,674
5	22	99 089	86 519,666	2 552 564,019	29,503	29,040	55	72	80 546	18 115,192	211 254,825	11,662	11,199
6	23	99 063	84 182,276	2 466 044,353	29,294	28,831	56	73	78 891	17 268,060	193 139,632	11,185	10,722
7	24	99 038	81 908,446	2 381 862,077	29,080	28,617	57	74	77 079	16 419,970	175 871,572	10,711	10,248
8	25	99 012	79 695,989	2 299 953,631	28,859	28,396	58	75	75 142	15 578,867	159 451,602	10,235	9,772
9	26	98 985	77 541,456	2 220 258,222	28,633	28,170	59	76	73 061	14 742,104	143 872,736	9,759	9,296
10	27	98 960	75 446,630	2 142 716,766	28,400	27,938	60	77	70 822	13 907,851	129 130,632	9,285	8,822
11	28	98 932	73 406,509	2 067 270,136	28,162	27,699	61	78	68 466	13 085,373	115 222,781	8,805	8,343
12	29	98 901	71 419,919	1 993 863,627	27,917	27,455	62	79	65 898	12 257,433	102 137,408	8,333	7,870
13	30	98 868	69 485,133	1 922 443,708	27,667	27,204	63	80	63 117	11 425,960	89 879,975	7,866	7,403
14	31	98 831	67 600,028	1 852 958,575	27,411	26,948	64	81	60 103	10 589,064	78 454,015	7,409	6,946
15	32	98 787	65 761,471	1 785 358,547	27,149	26,686	65	82	56 859	9 749,386	67 864,951	6,961	6,498
16	33	98 738	63 969,989	1 719 597,076	26,881	26,418	66	83	53 354	8 903,654	58 115,565	6,527	6,064
17	34	98 681	62 221,861	1 655 627,086	26,608	26,146	67	84	49 562	8 049,527	49 211,911	6,114	5,651
18	35	98 617	60 517,295	1 593 405,225	26,330	25,867	68	85	45 562	7 201,761	41 162,384	5,716	5,253
19	36	98 533	58 847,385	1 532 887,930	26,049	25,586	69	86	41 376	6 364,991	33 960,622	5,336	4,873
20	37	98 446	57 221,984	1 474 040,544	25,760	25,297	70	87	37 049	5 546,906	27 595,632	4,975	4,512
21	38	98 356	55 639,407	1 416 818,560	25,464	25,001	71	88	32 626	4 754,009	22 048,726	4,638	4,175
22	39	98 262	54 098,380	1 361 179,153	25,161	24,698	72	89	28 208	4 000,232	17 294,717	4,323	3,861
23	40	98 157	52 594,176	1 307 080,773	24,852	24,389	73	90	23 929	3 302,560	13 294,485	4,026	3,563
24	41	98 053	51 132,644	1 254 486,597	24,534	24,071	74	91	19 820	2 662,279	9 991,926	3,753	3,290
25	42	97 937	49 704,878	1 203 353,953	24,210	23,747	75	92	16 016	2 093,710	7 329,647	3,501	3,038
26	43	97 814	48 314,197	1 153 649,075	23,878	23,415	76	93	12 561	1 598,047	5 235,937	3,276	2,814
27	44	97 684	46 958,298	1 105 334,878	23,539	23,076	77	94	9 558	1 183,469	3 637,890	3,074	2,611
28	45	97 547	45 637,745	1 058 376,581	23,191	22,728	78	95	7 068	851,775	2 454,421	2,882	2,419
29	46	97 397	44 347,998	1 012 738,836	22,836	22,373	79	96	5 035	590,561	1 602,647	2,714	2,251
30	47	97 234	43 088,690	968 390,837	22,474	22,012	80	97	3 449	393,726	1 012,086	2,571	2,108
31	48	97 056	41 858,858	925 302,147	22,105	21,642	81	98	2 297	255,171	618,360	2,423	1,960
32	49	96 854	40 653,409	883 443,289	21,731	21,268	82	99	1 467	158,596	363,188	2,290	1,827
33	50	96 631	39 474,602	842 789,879	21,350	20,887	83	100	897	94,334	204,593	2,169	1,706
34	51	96 386	38 320,379	803 315,278	20,963	20,500							
35	52	96 118	37 191,176	764 994,898	20,569	20,106							
36	53	95 834	36 088,733	727 803,722	20,167	19,704							
37	54	95 512	35 004,860	691 714,989	19,761	19,298							
38	55	95 154	33 940,266	656 710,129	19,349	18,886							
39	56	94 761	32 895,624	622 769,863	18,932	18,469							
40	57	94 331	31 870,103	589 874,239	18,509	18,046							
41	58	93 861	30 862,381	558 004,136	18,080	17,618							
42	59	93 334	29 867,628	527 141,755	17,649	17,186							
43	60	92 770	28 892,606	497 274,127	17,211	16,748							
44	61	92 147	27 930,550	468 381,522	16,770	16,307							
45	62	91 473	26 984,301	440 450,972	16,322	15,860							
46	63	90 742	26 052,265	413 466,671	15,871	15,408							
47	64	89 943	25 131,651	387 414,406	15,415	14,953							
48	65	89 068	24 221,210	362 282,755	14,957	14,494							
49	66	88 123	23 322,678	338 061,545	14,495	14,032							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	3 008 387,798	30,219	29,757	50	68	86 279	22 223,673	303 382,136	13,651	13,188
1	19	99 198	96 543,307	2 908 836,367	30,130	29,667	51	69	85 125	21 339,387	281 158,463	13,176	12,713
2	20	99 158	93 921,275	2 812 293,060	29,943	29,480	52	70	83 841	20 455,014	259 819,076	12,702	12,239
3	21	99 129	91 380,448	2 718 371,784	29,748	29,285	53	71	82 458	19 579,129	239 364,062	12,225	11,763
4	22	99 100	88 909,102	2 626 991,336	29,547	29,084	54	72	80 951	18 707,052	219 784,933	11,749	11,286
5	23	99 072	86 505,150	2 538 082,234	29,340	28,877	55	73	79 342	17 844,408	201 077,881	11,268	10,806
6	24	99 047	84 168,507	2 451 577,084	29,127	28,664	56	74	77 570	16 979,061	183 233,473	10,792	10,329
7	25	99 022	81 894,991	2 367 408,577	28,908	28,445	57	75	75 677	16 121,256	166 254,412	10,313	9,850
8	26	98 993	79 679,915	2 285 513,586	28,684	28,221	58	76	73 630	15 265,420	150 133,156	9,835	9,372
9	27	98 968	77 527,635	2 205 833,672	28,452	27,989	59	77	71 443	14 415,583	134 867,735	9,356	8,893
10	28	98 939	75 430,805	2 128 306,037	28,215	27,753	60	78	69 127	13 574,919	120 452,152	8,873	8,410
11	29	98 908	73 389,039	2 052 875,231	27,973	27,510	61	79	66 604	12 729,353	106 877,233	8,396	7,933
12	30	98 877	71 402,091	1 979 486,192	27,723	27,260	62	80	63 868	11 879,801	94 147,880	7,925	7,462
13	31	98 840	69 465,484	1 908 083,897	27,468	27,005	63	81	60 892	11 023,063	82 268,079	7,463	7,000
14	32	98 799	67 578,260	1 838 618,413	27,207	26,744	64	82	57 674	10 161,104	71 245,016	7,012	6,549
15	33	98 754	65 739,381	1 771 040,153	26,940	26,478	65	83	54 186	9 291,143	61 083,912	6,574	6,112
16	34	98 704	63 947,585	1 705 300,772	26,667	26,204	66	84	50 409	8 412,209	51 792,770	6,157	5,694
17	35	98 643	62 198,105	1 641 353,186	26,389	25,926	67	85	46 401	7 536,064	43 380,560	5,756	5,294
18	36	98 571	60 489,038	1 579 155,081	26,106	25,644	68	86	42 204	6 671,037	35 844,496	5,373	4,910
19	37	98 486	58 819,324	1 518 666,043	25,819	25,356	69	87	37 847	5 822,194	29 173,460	5,011	4,548
20	38	98 397	57 193,091	1 459 846,720	25,525	25,062	70	88	33 378	4 997,237	23 351,266	4,673	4,210
21	39	98 302	55 608,577	1 402 653,629	25,224	24,761	71	89	28 930	4 215,360	18 354,029	4,354	3,891
22	40	98 198	54 063,181	1 347 045,052	24,916	24,453	72	90	24 575	3 484,977	14 138,669	4,057	3,594
23	41	98 095	52 560,878	1 292 981,871	24,600	24,137	73	91	20 409	2 816,697	10 653,692	3,782	3,320
24	42	97 981	51 095,167	1 240 420,993	24,277	23,814	74	92	16 532	2 220,531	7 836,995	3,529	3,067
25	43	97 858	49 664,773	1 189 325,827	23,947	23,484	75	93	13 006	1 700,206	5 616,464	3,303	2,841
26	44	97 727	48 270,922	1 139 661,053	23,610	23,147	76	94	9 930	1 263,322	3 916,257	3,100	2,637
27	45	97 591	46 913,882	1 091 390,131	23,264	22,801	77	95	7 365	911,914	2 652,935	2,909	2,446
28	46	97 442	45 588,654	1 044 476,249	22,911	22,448	78	96	5 271	635,208	1 741,021	2,741	2,278
29	47	97 282	44 295,482	998 887,595	22,551	22,088	79	97	3 629	425,610	1 105,814	2,598	2,135
30	48	97 108	43 032,702	954 592,113	22,183	21,720	80	98	2 433	277,679	680,204	2,450	1,987
31	49	96 909	41 795,354	911 559,411	21,810	21,347	81	99	1 564	173,766	402,525	2,316	1,854
32	50	96 690	40 584,946	869 764,057	21,431	20,968	82	100	963	104,157	228,759	2,196	1,733
33	51	96 453	39 401,815	829 179,110	21,044	20,581							
34	52	96 185	38 240,807	789 777,296	20,653	20,190							
35	53	95 906	37 109,191	751 536,489	20,252	19,789							
36	54	95 596	35 999,285	714 427,298	19,846	19,383							
37	55	95 249	34 908,447	678 428,014	19,434	18,972							
38	56	94 857	33 834,631	643 519,567	19,020	18,557							
39	57	94 441	32 784,385	609 684,936	18,597	18,134							
40	58	93 977	31 750,390	576 900,551	18,170	17,707							
41	59	93 469	30 733,574	545 150,162	17,738	17,275							
42	60	92 901	29 729,207	514 416,587	17,303	16,841							
43	61	92 294	28 744,479	484 687,380	16,862	16,399							
44	62	91 632	27 774,525	455 942,901	16,416	15,953							
45	63	90 913	26 819,105	428 168,376	15,965	15,502							
46	64	90 129	25 876,147	401 349,271	15,510	15,048							
47	65	89 277	24 945,456	375 473,124	15,052	14,589							
48	66	88 355	24 027,108	350 527,668	14,589	14,126							
49	67	87 351	23 118,424	326 500,560	14,123	13,660							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	2 993 219,307	30,072	29,609	50	69	85 399	21 996,904	291 707,798	13,261	12,798
1	20	99 182	96 527,439	2 893 684,035	29,978	29,515	51	70	84 142	21 092,996	269 710,894	12,787	12,324
2	21	99 142	93 905,902	2 797 156,596	29,787	29,324	52	71	82 788	20 198,267	248 617,898	12,309	11,846
3	22	99 112	91 364,932	2 703 250,694	29,587	29,125	53	72	81 318	19 308,654	228 419,631	11,830	11,367
4	23	99 083	88 894,185	2 611 885,762	29,382	28,919	54	73	79 741	18 427,421	209 110,977	11,348	10,885
5	24	99 056	86 491,001	2 522 991,577	29,171	28,708	55	74	78 014	17 545,764	190 683,557	10,868	10,405
6	25	99 031	84 154,681	2 436 500,576	28,953	28,490	56	75	76 159	16 670,176	173 137,793	10,386	9,923
7	26	99 002	81 879,069	2 352 345,895	28,730	28,267	57	76	74 154	15 796,897	156 467,617	9,905	9,442
8	27	98 975	79 665,712	2 270 466,825	28,500	28,037	58	77	71 999	14 927,309	140 670,721	9,424	8,961
9	28	98 947	77 511,374	2 190 801,113	28,264	27,801	59	78	69 733	14 070,497	125 743,412	8,937	8,474
10	29	98 915	75 412,853	2 113 289,739	28,023	27,560	60	79	67 246	13 205,580	111 672,915	8,456	7,994
11	30	98 884	73 370,929	2 037 876,885	27,775	27,312	61	80	64 552	12 337,182	98 467,335	7,981	7,519
12	31	98 849	71 382,104	1 964 505,956	27,521	27,058	62	81	61 616	11 460,901	86 130,153	7,515	7,052
13	32	98 808	69 443,116	1 893 123,852	27,262	26,799	63	82	58 431	10 577,563	74 669,252	7,059	6,596
14	33	98 766	67 555,560	1 823 680,737	26,995	26,532	64	83	54 963	9 683,509	64 091,689	6,619	6,156
15	34	98 719	65 716,358	1 756 125,177	26,723	26,260	65	84	51 195	8 778,310	54 408,180	6,198	5,735
16	35	98 666	63 923,171	1 690 408,819	26,444	25,982	66	85	47 194	7 875,611	45 629,870	5,794	5,331
17	36	98 597	62 169,063	1 626 485,648	26,162	25,699	67	86	42 982	6 980,703	37 754,259	5,408	4,946
18	37	98 524	60 460,193	1 564 316,586	25,873	25,411	68	87	38 605	6 102,141	30 773,556	5,043	4,580
19	38	98 436	58 789,624	1 503 856,393	25,580	25,117	69	88	34 097	5 245,245	24 671,415	4,704	4,241
20	39	98 342	57 161,400	1 445 066,769	25,280	24,818	70	89	29 596	4 431,030	19 426,171	4,384	3,921
21	40	98 238	55 572,395	1 387 905,369	24,975	24,512	71	90	25 203	3 672,396	14 995,141	4,083	3,620
22	41	98 136	54 028,952	1 332 332,974	24,660	24,197	72	91	20 960	2 972,278	11 322,745	3,809	3,347
23	42	98 023	52 522,354	1 278 304,022	24,338	23,875	73	92	17 022	2 349,327	8 350,468	3,554	3,092
24	43	97 902	51 053,941	1 225 781,668	24,010	23,547	74	93	13 424	1 803,192	6 001,140	3,328	2,865
25	44	97 770	49 620,289	1 174 727,728	23,674	23,212	75	94	10 282	1 344,083	4 197,948	3,123	2,660
26	45	97 634	48 225,265	1 125 107,439	23,330	22,867	76	95	7 651	973,445	2 853,865	2,932	2,469
27	46	97 486	46 863,419	1 076 882,174	22,979	22,516	77	96	5 492	680,057	1 880,421	2,765	2,302
28	47	97 327	45 534,669	1 030 018,755	22,621	22,158	78	97	3 799	457,786	1 200,364	2,622	2,159
29	48	97 156	44 237,926	984 484,087	22,254	21,791	79	98	2 559	300,165	742,578	2,474	2,011
30	49	96 960	42 967,417	940 246,161	21,883	21,420	80	99	1 657	189,093	442,413	2,340	1,877
31	50	96 746	41 724,967	897 278,744	21,505	21,042	81	100	1 027	114,120	253,320	2,220	1,757
32	51	96 512	40 510,112	855 553,776	21,120	20,657							
33	52	96 253	39 319,996	815 043,664	20,728	20,266							
34	53	95 973	38 156,508	775 723,668	20,330	19,867							
35	54	95 668	37 017,213	737 567,160	19,925	19,462							
36	55	95 333	35 900,133	700 549,947	19,514	19,051							
37	56	94 952	34 799,798	664 649,814	19,099	18,636							
38	57	94 537	33 720,216	629 850,016	18,679	18,216							
39	58	94 086	32 661,237	596 129,800	18,252	17,789							
40	59	93 585	31 617,877	563 468,563	17,821	17,358							
41	60	93 036	30 591,141	531 850,686	17,386	16,923							
42	61	92 425	29 576,791	501 259,545	16,948	16,485							
43	62	91 778	28 583,907	471 682,754	16,502	16,039							
44	63	91 071	27 604,492	443 098,847	16,052	15,589							
45	64	90 299	26 637,803	415 494,355	15,598	15,135							
46	65	89 461	25 684,436	388 856,552	15,140	14,677							
47	66	88 561	24 745,551	363 172,116	14,676	14,213							
48	67	87 581	23 816,685	338 426,566	14,210	13,747							
49	68	86 534	22 902,083	314 609,881	13,737	13,274							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	2 977 432,684	29,918	29,455	50	70	84 413	21 742,921	279 732,817	12,865	12,403
1	21	99 166	96 511,639	2 877 913,773	29,819	29,357	51	71	83 086	20 828,241	257 989,896	12,387	11,924
2	22	99 125	93 889,957	2 781 402,134	29,624	29,161	52	72	81 645	19 919,238	237 161,654	11,906	11,443
3	23	99 095	91 349,603	2 687 512,176	29,420	28,957	53	73	80 103	19 020,030	217 242,416	11,422	10,959
4	24	99 067	88 879,645	2 596 162,573	29,210	28,747	54	74	78 407	18 119,018	198 222,386	10,940	10,477
5	25	99 040	86 476,794	2 507 282,928	28,994	28,531	55	75	76 595	17 226,569	180 103,368	10,455	9,992
6	26	99 011	84 138,320	2 420 806,134	28,772	28,309	56	76	74 627	16 334,772	162 876,799	9,971	9,508
7	27	98 985	81 864,475	2 336 667,815	28,543	28,080	57	77	72 512	15 447,014	146 542,026	9,487	9,024
8	28	98 954	79 649,003	2 254 803,339	28,309	27,846	58	78	70 276	14 569,973	131 095,013	8,998	8,535
9	29	98 923	77 492,927	2 175 154,336	28,069	27,606	59	79	67 836	13 687,674	116 525,040	8,513	8,050
10	30	98 891	75 394,244	2 097 661,409	27,823	27,360	60	80	65 174	12 798,737	102 837,366	8,035	7,572
11	31	98 856	73 350,181	2 022 267,165	27,570	27,107	61	81	62 276	11 902,154	90 038,629	7,565	7,102
12	32	98 817	71 359,118	1 948 916,984	27,311	26,849	62	82	59 126	10 997,706	78 136,474	7,105	6,642
13	33	98 775	69 419,789	1 877 557,866	27,046	26,584	63	83	55 684	10 080,393	67 138,769	6,660	6,198
14	34	98 731	67 531,900	1 808 138,077	26,775	26,312	64	84	51 929	9 149,019	57 058,376	6,237	5,774
15	35	98 681	65 691,268	1 740 606,176	26,497	26,034	65	85	47 930	8 218,359	47 909,357	5,830	5,367
16	36	98 620	63 893,322	1 674 914,909	26,214	25,751	66	86	43 716	7 295,228	39 690,997	5,441	4,978
17	37	98 550	62 139,417	1 611 021,586	25,926	25,463	67	87	39 316	6 385,399	32 395,769	5,073	4,611
18	38	98 474	60 429,665	1 548 882,169	25,631	25,168	68	88	34 780	5 497,450	26 010,370	4,731	4,269
19	39	98 382	58 757,048	1 488 452,505	25,332	24,870	69	89	30 233	4 650,937	20 512,920	4,410	3,948
20	40	98 278	57 124,208	1 429 695,457	25,028	24,565	70	90	25 784	3 860,285	15 861,983	4,109	3,646
21	41	98 175	55 537,211	1 372 571,249	24,714	24,252	71	91	21 496	3 132,124	12 001,697	3,832	3,369
22	42	98 064	53 989,352	1 317 034,038	24,394	23,932	72	92	17 482	2 479,093	8 869,574	3,578	3,115
23	43	97 944	52 479,976	1 263 044,686	24,067	23,604	73	93	13 823	1 907,781	6 390,481	3,350	2,887
24	44	97 815	51 008,212	1 210 564,710	23,733	23,270	74	94	10 613	1 425,498	4 482,699	3,145	2,682
25	45	97 677	49 573,355	1 159 556,498	23,391	22,928	75	95	7 922	1 035,675	3 057,202	2,952	2,489
26	46	97 529	48 173,391	1 109 983,143	23,041	22,579	76	96	5 706	725,943	2 021,527	2,785	2,322
27	47	97 371	46 807,924	1 061 809,752	22,684	22,222	77	97	3 958	490,108	1 295,585	2,643	2,181
28	48	97 201	45 475,502	1 015 001,828	22,320	21,857	78	98	2 679	322,858	805,477	2,495	2,032
29	49	97 008	44 170,812	969 526,326	21,949	21,487	79	99	1 743	204,405	482,618	2,361	1,898
30	50	96 797	42 895,057	925 355,514	21,573	21,110	80	100	1 088	124,186	278,213	2,240	1,777
31	51	96 568	41 648,031	882 460,457	21,189	20,726							
32	52	96 312	40 425,992	840 812,426	20,799	20,336							
33	53	96 041	39 233,319	800 386,434	20,401	19,938							
34	54	95 736	38 061,934	761 153,115	19,998	19,535							
35	55	95 405	36 915,257	723 091,181	19,588	19,125							
36	56	95 036	35 788,398	686 175,924	19,173	18,710							
37	57	94 631	34 682,120	650 387,526	18,753	18,290							
38	58	94 181	33 593,554	615 705,406	18,328	17,865							
39	59	93 693	32 524,923	582 111,853	17,897	17,435							
40	60	93 151	31 471,345	549 586,930	17,463	17,000							
41	61	92 559	30 434,306	518 115,585	17,024	16,561							
42	62	91 908	29 411,570	487 681,279	16,581	16,118							
43	63	91 217	28 408,919	458 269,709	16,131	15,668							
44	64	90 455	27 417,880	429 860,790	15,678	15,215							
45	65	89 630	26 440,449	402 442,910	15,221	14,758							
46	66	88 744	25 478,609	376 002,461	14,758	14,295							
47	67	87 786	24 528,835	350 523,853	14,290	13,827							
48	68	86 761	23 593,810	325 995,018	13,817	13,354							
49	69	85 651	22 668,391	302 401,208	13,340	12,877							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	2 961 019,159	29,758	29,295	50	71	83 353	21 470,009	267 485,359	12,459	11,996
1	22	99 149	96 495,252	2 861 516,536	29,654	29,192	51	72	81 938	20 540,510	246 015,350	11,977	11,514
2	23	99 108	93 874,205	2 765 021,285	29,455	28,992	52	73	80 424	19 621,488	225 474,840	11,491	11,028
3	24	99 079	91 334,662	2 671 147,080	29,246	28,783	53	74	78 762	18 701,710	205 853,352	11,007	10,544
4	25	99 051	88 865,045	2 579 812,418	29,031	28,568	54	75	76 980	17 789,395	187 151,642	10,520	10,058
5	26	99 020	86 459,981	2 490 947,373	28,810	28,348	55	76	75 054	16 879,971	169 362,247	10,033	9,571
6	27	98 994	84 123,323	2 404 487,392	28,583	28,120	56	77	72 974	15 972,976	152 482,276	9,546	9,083
7	28	98 964	81 847,305	2 320 364,069	28,350	27,887	57	78	70 776	15 077,237	136 509,300	9,054	8,591
8	29	98 931	79 630,047	2 238 516,764	28,111	27,649	58	79	68 364	14 173,560	121 432,064	8,568	8,105
9	30	98 899	77 473,805	2 158 886,717	27,866	27,403	59	80	65 746	13 265,979	107 258,503	8,085	7,622
10	31	98 863	75 372,924	2 081 412,912	27,615	27,152	60	81	62 876	12 347,434	93 992,524	7,612	7,149
11	32	98 824	73 326,562	2 006 039,989	27,358	26,895	61	82	59 759	11 421,125	81 645,090	7,149	6,686
12	33	98 784	71 335,148	1 932 713,427	27,093	26,631	62	83	56 347	10 480,788	70 223,965	6,700	6,237
13	34	98 740	69 395,476	1 861 378,278	26,823	26,360	63	84	52 611	9 523,997	59 743,177	6,273	5,810
14	35	98 694	67 506,117	1 791 982,802	26,545	26,083	64	85	48 617	8 565,421	50 219,179	5,863	5,400
15	36	98 635	65 660,594	1 724 476,685	26,263	25,801	65	86	44 398	7 612,718	41 653,758	5,472	5,009
16	37	98 573	63 862,045	1 658 816,091	25,975	25,512	66	87	39 988	6 673,102	34 041,041	5,101	4,638
17	38	98 501	62 108,041	1 594 953,236	25,680	25,217	67	88	35 420	5 752,639	27 367,939	4,757	4,295
18	39	98 420	60 396,180	1 532 845,196	25,380	24,917	68	89	30 839	4 874,567	21 615,299	4,434	3,971
19	40	98 318	58 718,818	1 472 449,016	25,076	24,613	69	90	26 339	4 051,868	16 740,732	4,132	3,669
20	41	98 216	57 088,041	1 413 730,198	24,764	24,301	70	91	21 991	3 292,372	12 688,865	3,854	3,391
21	42	98 103	55 496,505	1 356 642,157	24,446	23,983	71	92	17 929	2 612,416	9 396,493	3,597	3,134
22	43	97 985	53 945,791	1 301 145,651	24,120	23,657	72	93	14 196	2 013,158	6 784,077	3,370	2,907
23	44	97 856	52 432,970	1 247 199,861	23,787	23,324	73	94	10 928	1 508,180	4 770,919	3,163	2,701
24	45	97 722	50 959,966	1 194 766,891	23,445	22,982	74	95	8 177	1 098,408	3 262,739	2,970	2,508
25	46	97 572	49 520,031	1 143 806,925	23,098	22,635	75	96	5 908	772,351	2 164,332	2,802	2,339
26	47	97 414	48 116,344	1 094 286,894	22,743	22,280	76	97	4 112	523,178	1 391,981	2,661	2,198
27	48	97 244	46 747,103	1 046 170,550	22,379	21,917	77	98	2 792	345,653	868,803	2,514	2,051
28	49	97 053	45 406,511	999 423,447	22,011	21,548	78	99	1 824	219,859	523,150	2,379	1,917
29	50	96 845	44 096,425	954 016,936	21,635	21,172	79	100	1 145	134,242	303,291	2,259	1,796
30	51	96 619	42 815,963	909 920,510	21,252	20,789							
31	52	96 367	41 561,548	867 104,547	20,863	20,400							
32	53	96 099	40 336,876	825 542,999	20,466	20,003							
33	54	95 803	39 136,076	785 206,122	20,063	19,601							
34	55	95 472	37 957,101	746 070,047	19,656	19,193							
35	56	95 108	36 800,363	708 112,946	19,242	18,779							
36	57	94 715	35 667,376	671 312,583	18,821	18,359							
37	58	94 276	34 551,844	635 645,206	18,397	17,934							
38	59	93 788	33 453,348	601 093,363	17,968	17,505							
39	60	93 259	32 374,187	567 640,014	17,534	17,071							
40	61	92 674	31 309,998	535 265,827	17,096	16,633							
41	62	92 042	30 264,294	503 955,830	16,652	16,189							
42	63	91 346	29 231,515	473 691,535	16,205	15,742							
43	64	90 600	28 216,869	444 460,021	15,752	15,289							
44	65	89 785	27 214,747	416 243,152	15,295	14,832							
45	66	88 911	26 228,563	389 028,405	14,832	14,369							
46	67	87 967	25 255,473	362 799,842	14,365	13,902							
47	68	86 964	24 299,296	337 544,369	13,891	13,428							
48	69	85 876	23 353,059	313 245,073	13,413	12,951							
49	70	84 662	22 406,655	289 892,014	12,938	12,475							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0	22	99 486	99 485,727	2 943 969,449	29,592	29,129	50	72	82 202	21 173,412	254 985,896	12,043	11,580
1	23	99 132	96 479,062	2 844 483,722	29,483	29,020	51	73	80 713	20 233,472	233 812,484	11,556	11,093
2	24	99 092	93 858,851	2 748 004,660	29,278	28,815	52	74	79 078	19 293,101	213 579,011	11,070	10,607
3	25	99 063	91 319,659	2 654 145,809	29,064	28,602	53	75	77 329	18 361,486	194 285,910	10,581	10,118
4	26	99 032	88 847,768	2 562 826,151	28,845	28,382	54	76	75 432	17 431,473	175 924,424	10,092	9,630
5	27	99 003	86 444,571	2 473 978,382	28,619	28,156	55	77	73 391	16 506,099	158 492,951	9,602	9,139
6	28	98 973	84 105,679	2 387 533,812	28,387	27,924	56	78	71 227	15 590,608	141 986,852	9,107	8,644
7	29	98 940	81 827,826	2 303 428,133	28,150	27,687	57	79	68 850	14 667,023	126 396,244	8,618	8,155
8	30	98 906	79 610,397	2 221 600,307	27,906	27,443	58	80	66 257	13 736,896	111 729,221	8,134	7,671
9	31	98 871	77 451,896	2 141 989,910	27,656	27,193	59	81	63 427	12 798,200	97 992,325	7,657	7,194
10	32	98 831	75 348,653	2 064 538,014	27,400	26,937	60	82	60 335	11 848,409	85 194,125	7,190	6,728
11	33	98 791	73 301,931	1 989 189,361	27,137	26,674	61	83	56 950	10 884,306	73 345,716	6,739	6,276
12	34	98 749	71 310,165	1 915 887,430	26,867	26,404	62	84	53 236	9 902,292	62 461,409	6,308	5,845
13	35	98 703	69 368,982	1 844 577,265	26,591	26,128	63	85	49 255	8 916,480	52 559,117	5,895	5,432
14	36	98 647	67 474,596	1 775 208,283	26,309	25,846	64	86	45 034	7 934,203	43 642,637	5,501	5,038
15	37	98 588	65 629,283	1 707 733,687	26,021	25,558	65	87	40 611	6 963,516	35 708,433	5,128	4,665
16	38	98 523	63 830,608	1 642 104,404	25,726	25,263	66	88	36 025	6 011,832	28 744,917	4,781	4,319
17	39	98 446	62 073,626	1 578 273,796	25,426	24,963	67	89	31 407	5 100,842	22 733,085	4,457	3,994
18	40	98 356	60 356,884	1 516 200,170	25,121	24,658	68	90	26 867	4 246,692	17 632,243	4,152	3,689
19	41	98 256	58 681,641	1 455 843,286	24,809	24,346	69	91	22 464	3 455,769	13 385,550	3,873	3,411
20	42	98 144	57 046,199	1 397 161,645	24,492	24,029	70	92	18 342	2 746,074	9 929,781	3,616	3,153
21	43	98 024	55 451,728	1 340 115,446	24,167	23,704	71	93	14 559	2 121,423	7 183,707	3,386	2,923
22	44	97 897	53 897,472	1 284 663,718	23,835	23,373	72	94	11 223	1 591,484	5 062,284	3,181	2,718
23	45	97 763	52 383,376	1 230 766,247	23,495	23,033	73	95	8 420	1 162,118	3 470,799	2,987	2,524
24	46	97 617	50 905,150	1 178 382,871	23,149	22,686	74	96	6 098	819,134	2 308,681	2,818	2,356
25	47	97 457	49 461,390	1 127 477,721	22,795	22,332	75	97	4 258	556,623	1 489,547	2,676	2,213
26	48	97 287	48 053,824	1 078 016,330	22,434	21,971	76	98	2 900	368,976	932,924	2,528	2,066
27	49	97 097	46 676,182	1 029 962,507	22,066	21,603	77	99	1 901	235,382	563,948	2,396	1,933
28	50	96 890	45 330,043	983 286,324	21,692	21,229	78	100	1 198	144,391	328,567	2,276	1,813
29	51	96 666	44 015,116	937 956,281	21,310	20,847							
30	52	96 418	42 727,055	893 941,165	20,922	20,459							
31	53	96 155	41 469,929	851 214,110	20,526	20,063							
32	54	95 861	40 236,898	809 744,180	20,124	19,662							
33	55	95 539	39 028,284	769 507,282	19,717	19,254							
34	56	95 175	37 838,964	730 478,998	19,305	18,842							
35	57	94 786	36 675,919	692 640,033	18,885	18,423							
36	58	94 359	35 533,399	655 964,114	18,460	17,998							
37	59	93 882	34 407,639	620 430,715	18,032	17,569							
38	60	93 354	33 298,310	586 023,076	17,599	17,136							
39	61	92 781	32 208,211	552 724,766	17,161	16,698							
40	62	92 156	31 135,094	520 516,555	16,718	16,255							
41	63	91 478	30 079,019	489 381,461	16,270	15,807							
42	64	90 728	29 033,904	459 302,442	15,820	15,357							
43	65	89 929	28 007,816	430 268,538	15,362	14,900							
44	66	89 066	26 996,656	402 260,722	14,900	14,438							
45	67	88 133	25 998,860	375 264,065	14,434	13,971							
46	68	87 144	25 019,134	349 265,206	13,960	13,497							
47	69	86 077	24 051,346	324 246,072	13,481	13,019							
48	70	84 884	23 083,418	300 194,725	13,005	12,542							
49	71	83 599	22 125,412	277 111,308	12,525	12,062							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	2 926 274,736	29,419	28,956	50	73	80 973	20 856,914	242 260,410	11,615	11,153
1	24	99 116	96 463,282	2 826 805,700	29,304	28,842	51	74	79 362	19 894,844	221 403,497	11,129	10,666
2	25	99 076	93 843,433	2 730 342,418	29,095	28,632	52	75	77 640	18 942,119	201 508,652	10,638	10,175
3	26	99 043	91 301,905	2 636 498,986	28,877	28,414	53	76	75 774	17 992,053	182 566,533	10,147	9,684
4	27	99 014	88 831,932	2 545 197,081	28,652	28,189	54	77	73 761	17 045,386	164 574,480	9,655	9,192
5	28	98 982	86 426,439	2 456 365,149	28,421	27,959	55	78	71 635	16 110,969	147 529,094	9,157	8,694
6	29	98 949	84 085,662	2 369 938,710	28,185	27,722	56	79	69 289	15 166,427	131 418,125	8,665	8,202
7	30	98 916	81 807,633	2 285 853,048	27,942	27,479	57	80	66 729	14 215,155	116 251,698	8,178	7,715
8	31	98 878	79 587,885	2 204 045,414	27,693	27,230	58	81	63 921	13 252,512	102 036,542	7,699	7,237
9	32	98 839	77 426,956	2 124 457,530	27,438	26,975	59	82	60 864	12 280,957	88 784,030	7,229	6,767
10	33	98 798	75 323,343	2 047 030,573	27,177	26,714	60	83	57 499	11 291,507	76 503,073	6,775	6,312
11	34	98 756	73 276,259	1 971 707,230	26,908	26,445	61	84	53 806	10 283,538	65 211,566	6,341	5,879
12	35	98 711	71 282,939	1 898 430,972	26,632	26,170	62	85	49 841	9 270,645	54 928,029	5,925	5,462
13	36	98 657	69 336,591	1 827 148,032	26,352	25,889	63	86	45 625	8 259,392	45 657,384	5,528	5,065
14	37	98 600	67 442,420	1 757 811,442	26,064	25,601	64	87	41 194	7 257,586	37 397,992	5,153	4,690
15	38	98 538	65 596,145	1 690 369,022	25,769	25,307	65	88	36 587	6 273,468	30 140,406	4,804	4,342
16	39	98 469	63 795,239	1 624 772,877	25,469	25,006	66	89	31 943	5 330,668	23 866,938	4,477	4,014
17	40	98 382	62 033,238	1 560 977,638	25,164	24,701	67	90	27 361	4 443,822	18 536,270	4,171	3,708
18	41	98 293	60 318,670	1 498 944,399	24,850	24,388	68	91	22 914	3 621,932	14 092,448	3,891	3,428
19	42	98 184	58 638,631	1 438 625,729	24,534	24,071	69	92	18 737	2 882,359	10 470,517	3,633	3,170
20	43	98 065	57 000,171	1 379 987,098	24,210	23,747	70	93	14 894	2 229,961	7 588,157	3,403	2,940
21	44	97 936	55 402,060	1 322 986,928	23,880	23,417	71	94	11 510	1 677,073	5 358,196	3,195	2,732
22	45	97 804	53 846,493	1 267 584,868	23,541	23,078	72	95	8 648	1 226,308	3 681,123	3,002	2,539
23	46	97 658	52 327,029	1 213 738,375	23,195	22,732	73	96	6 279	866,645	2 454,815	2,833	2,370
24	47	97 501	50 844,869	1 161 411,345	22,842	22,379	74	97	4 395	590,339	1 588,170	2,690	2,227
25	48	97 330	49 397,122	1 110 566,477	22,482	22,020	75	98	3 003	392,564	997,831	2,542	2,079
26	49	97 140	47 980,921	1 061 169,355	22,116	21,654	76	99	1 975	251,264	605,267	2,409	1,946
27	50	96 933	46 597,577	1 013 188,434	21,743	21,281	77	100	1 248	154,586	354,003	2,290	1,827
28	51	96 711	45 246,459	966 590,858	21,363	20,900							
29	52	96 466	43 923,718	921 344,398	20,976	20,513							
30	53	96 205	42 632,867	877 420,680	20,581	20,118							
31	54	95 916	41 367,143	834 787,813	20,180	19,717							
32	55	95 597	40 126,075	793 420,670	19,773	19,310							
33	56	95 241	38 906,813	753 294,595	19,362	18,899							
34	57	94 853	37 711,008	714 387,782	18,944	18,481							
35	58	94 430	36 538,154	676 676,774	18,520	18,057							
36	59	93 965	35 385,098	640 138,620	18,091	17,628							
37	60	93 447	34 248,178	604 753,522	17,658	17,195							
38	61	92 875	33 127,596	570 505,344	17,221	16,759							
39	62	92 262	32 028,290	537 377,748	16,778	16,315							
40	63	91 592	30 944,488	505 349,458	16,331	15,868							
41	64	90 860	29 875,679	474 404,970	15,879	15,416							
42	65	90 056	28 818,798	444 529,291	15,425	14,962							
43	66	89 208	27 783,370	415 710,493	14,963	14,500							
44	67	88 286	26 760,226	387 927,123	14,496	14,034							
45	68	87 308	25 755,564	361 166,897	14,023	13,560							
46	69	86 255	24 763,839	335 411,333	13,544	13,082							
47	70	85 083	23 773,643	310 647,494	13,067	12,604							
48	71	83 819	22 793,680	286 873,851	12,586	12,123							
49	72	82 444	21 819,761	264 080,171	12,103	11,640							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	2 907 925,145	29,239	28,776	50	74	79 618	20 507,851	229 331,756	11,183	10,720
1	25	99 100	96 447,436	2 808 472,378	29,119	28,656	51	75	77 918	19 532,915	208 823,904	10,691	10,228
2	26	99 057	93 825,188	2 712 024,942	28,905	28,442	52	76	76 078	18 561,004	189 290,990	10,198	9,735
3	27	99 026	91 285,631	2 618 199,754	28,681	28,219	53	77	74 095	17 593,551	170 729,986	9,704	9,241
4	28	98 993	88 813,300	2 526 914,123	28,452	27,989	54	78	71 995	16 637,346	153 136,435	9,204	8,742
5	29	98 958	86 405,871	2 438 100,823	28,217	27,754	55	79	69 686	15 672,630	136 499,089	8,709	8,247
6	30	98 925	84 064,913	2 351 694,953	27,975	27,512	56	80	67 155	14 699,174	120 826,459	8,220	7,757
7	31	98 888	81 784,499	2 267 630,040	27,727	27,264	57	81	64 376	13 713,908	106 127,285	7,739	7,276
8	32	98 847	79 562,257	2 185 845,540	27,473	27,011	58	82	61 338	12 716,908	92 413,377	7,267	6,804
9	33	98 806	77 400,948	2 106 283,284	27,213	26,750	59	83	58 003	11 703,724	79 696,469	6,809	6,347
10	34	98 763	75 296,963	2 028 882,336	26,945	26,482	60	84	54 325	10 668,262	67 992,745	6,373	5,911
11	35	98 718	73 248,282	1 953 585,373	26,671	26,208	61	85	50 374	9 627,571	57 324,483	5,954	5,491
12	36	98 665	71 249,654	1 880 337,090	26,391	25,928	62	86	46 168	8 587,456	47 696,912	5,554	5,091
13	37	98 610	69 303,527	1 809 087,436	26,104	25,641	63	87	41 734	7 555,043	39 109,455	5,177	4,714
14	38	98 551	67 408,366	1 739 783,909	25,810	25,347	64	88	37 111	6 538,397	31 554,413	4,826	4,363
15	39	98 484	65 559,798	1 672 375,543	25,509	25,046	65	89	32 442	5 562,659	25 016,015	4,497	4,034
16	40	98 404	63 753,731	1 606 815,745	25,203	24,741	66	90	27 829	4 644,044	19 453,356	4,189	3,726
17	41	98 320	61 993,963	1 543 062,014	24,891	24,428	67	91	23 336	3 790,060	14 809,312	3,907	3,445
18	42	98 221	60 274,460	1 481 068,051	24,572	24,109	68	92	19 112	3 020,951	11 019,252	3,648	3,185
19	43	98 104	58 591,318	1 420 793,591	24,249	23,786	69	93	15 215	2 340,632	7 998,301	3,417	2,954
20	44	97 977	56 949,116	1 362 202,273	23,920	23,457	70	94	11 775	1 762,876	5 657,669	3,209	2,747
21	45	97 844	55 349,658	1 305 253,157	23,582	23,119	71	95	8 869	1 292,257	3 894,792	3,014	2,551
22	46	97 699	53 788,572	1 249 903,499	23,237	22,775	72	96	6 449	914,515	2 602,535	2,846	2,383
23	47	97 542	52 265,064	1 196 114,926	22,886	22,423	73	97	4 525	624,580	1 688,020	2,703	2,240
24	48	97 375	50 778,802	1 143 849,862	22,526	22,063	74	98	3 100	416,342	1 063,440	2,554	2,091
25	49	97 182	49 322,181	1 093 071,060	22,162	21,699	75	99	2 045	267,327	647,098	2,421	1,958
26	50	96 976	47 900,118	1 043 748,879	21,790	21,327	76	100	1 297	165,016	379,771	2,301	1,839
27	51	96 755	46 511,655	995 848,761	21,411	20,948							
28	52	96 510	45 152,505	949 337,106	21,025	20,562							
29	53	96 253	43 826,892	904 184,601	20,631	20,168							
30	54	95 967	42 527,198	860 357,709	20,231	19,768							
31	55	95 652	41 253,206	817 830,511	19,825	19,362							
32	56	95 300	40 001,187	776 577,305	19,414	18,951							
33	57	94 919	38 775,247	736 576,117	18,996	18,533							
34	58	94 497	37 569,355	697 800,871	18,574	18,111							
35	59	94 036	36 385,659	660 231,516	18,145	17,683							
36	60	93 530	35 221,107	623 845,857	17,712	17,249							
37	61	92 968	34 072,594	588 624,750	17,276	16,813							
38	62	92 356	32 942,539	554 552,156	16,834	16,371							
39	63	91 698	31 832,216	521 609,617	16,386	15,923							
40	64	90 973	30 735,297	489 777,401	15,935	15,473							
41	65	90 187	29 654,336	459 042,104	15,480	15,017							
42	66	89 334	28 587,853	429 387,767	15,020	14,557							
43	67	88 427	27 540,050	400 799,914	14,553	14,091							
44	68	87 460	26 509,806	373 259,865	14,080	13,617							
45	69	86 417	25 492,755	346 750,059	13,602	13,139							
46	70	85 259	24 477,909	321 257,304	13,124	12,662							
47	71	84 015	23 475,241	296 779,395	12,642	12,179							
48	72	82 661	22 478,797	273 304,154	12,158	11,695							
49	73	81 212	21 493,601	250 825,357	11,670	11,207							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	2 888 910,315	29,053	28,590	50	75	78 170	20 134,770	216 236,502	10,739	10,277
1	26	99 080	96 428,685	2 789 473,885	28,928	28,465	51	76	76 351	19 139,913	196 101,732	10,246	9,783
2	27	99 039	93 808,465	2 693 045,200	28,708	28,245	52	77	74 393	18 149,900	176 961,819	9,750	9,287
3	28	99 005	91 266,484	2 599 236,735	28,480	28,017	53	78	72 322	17 172,388	158 811,919	9,248	8,785
4	29	98 970	88 792,163	2 507 970,251	28,245	27,783	54	79	70 036	16 184,686	141 639,531	8,751	8,289
5	30	98 934	86 384,549	2 419 178,088	28,005	27,542	55	80	67 539	15 189,782	125 454,845	8,259	7,796
6	31	98 897	84 041,140	2 332 793,539	27,758	27,295	56	81	64 787	14 180,859	110 265,063	7,776	7,313
7	32	98 856	81 758,164	2 248 752,399	27,505	27,042	57	82	61 774	13 159,656	96 084,205	7,301	6,839
8	33	98 813	79 535,361	2 166 994,234	27,246	26,783	58	83	58 455	12 119,184	82 924,549	6,842	6,380
9	34	98 771	77 373,840	2 087 458,703	26,979	26,516	59	84	54 802	11 057,727	70 805,364	6,403	5,940
10	35	98 726	75 268,215	2 010 084,863	26,706	26,243	60	85	50 860	9 987,755	59 747,637	5,982	5,519
11	36	98 672	73 214,080	1 934 816,648	26,427	25,964	61	86	46 662	8 918,079	49 759,882	5,580	5,117
12	37	98 618	71 215,679	1 861 602,568	26,140	25,678	62	87	42 231	7 855,131	40 841,803	5,199	4,737
13	38	98 560	69 268,533	1 790 386,890	25,847	25,384	63	88	37 599	6 806,378	32 986,672	4,846	4,384
14	39	98 496	67 371,015	1 721 118,356	25,547	25,084	64	89	32 907	5 797,571	26 180,294	4,516	4,053
15	40	98 420	65 517,141	1 653 747,341	25,241	24,779	65	90	28 263	4 846,154	20 382,724	4,206	3,743
16	41	98 342	63 713,367	1 588 230,200	24,928	24,465	66	91	23 735	3 960,826	15 536,570	3,923	3,460
17	42	98 248	61 948,525	1 524 516,833	24,609	24,147	67	92	19 464	3 161,182	11 575,744	3,662	3,199
18	43	98 142	60 225,827	1 462 568,308	24,285	23,822	68	93	15 520	2 453,176	8 414,562	3,430	2,967
19	44	98 016	58 538,839	1 402 342,481	23,956	23,493	69	94	12 028	1 850,366	5 961,385	3,222	2,759
20	45	97 884	56 895,251	1 343 803,642	23,619	23,156	70	95	9 073	1 358,373	4 111,019	3,026	2,564
21	46	97 739	55 290,120	1 286 908,392	23,276	22,813	71	96	6 614	963,696	2 752,646	2,856	2,394
22	47	97 583	53 724,876	1 231 618,271	22,925	22,462	72	97	4 648	659,079	1 788,950	2,714	2,251
23	48	97 416	52 197,153	1 177 893,395	22,566	22,103	73	98	3 192	440,491	1 129,871	2,565	2,102
24	49	97 227	50 701,765	1 125 696,242	22,202	21,739	74	99	2 111	283,519	689,380	2,432	1,969
25	50	97 019	49 239,119	1 074 994,477	21,832	21,369	75	100	1 343	175,565	405,861	2,312	1,849
26	51	96 797	47 811,795	1 025 755,358	21,454	20,991							
27	52	96 554	46 415,074	977 943,563	21,070	20,607							
28	53	96 297	45 052,970	931 528,489	20,676	20,213							
29	54	96 014	43 718,264	886 475,520	20,277	19,814							
30	55	95 703	42 410,066	842 757,256	19,872	19,409							
31	56	95 354	41 124,811	800 347,190	19,461	18,999							
32	57	94 977	39 865,920	759 222,379	19,044	18,582							
33	58	94 563	38 629,595	719 356,459	18,622	18,159							
34	59	94 102	37 412,556	680 726,864	18,195	17,732							
35	60	93 600	36 217,031	643 314,307	17,763	17,300							
36	61	93 050	35 040,535	607 097,276	17,326	16,863							
37	62	92 449	33 882,258	572 056,741	16,884	16,421							
38	63	91 791	32 740,868	538 174,483	16,437	15,975							
39	64	91 078	31 617,024	505 433,615	15,986	15,523							
40	65	90 299	30 507,586	473 816,591	15,531	15,068							
41	66	89 464	29 416,695	443 309,005	15,070	14,607							
42	67	88 552	28 337,487	413 892,310	14,606	14,143							
43	68	87 599	27 282,332	385 554,822	14,132	13,669							
44	69	86 567	26 239,300	358 272,491	13,654	13,191							
45	70	85 419	25 198,408	332 033,190	13,177	12,714							
46	71	84 189	24 170,668	306 834,782	12,695	12,232							
47	72	82 854	23 150,943	282 664,114	12,210	11,747							
48	73	81 425	22 142,786	259 513,171	11,720	11,257							
49	74	79 853	21 133,883	237 370,385	11,232	10,769							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	24 304,373	454 687,648	18,708	18,245
1	0	99 661	96 994,066	3 090 434,310	31,862	31,399	51	50	93 896	23 538,176	430 383,275	18,284	17,822
2	1	99 349	94 102,382	2 993 440,244	31,810	31,348	52	51	93 387	22 784,147	406 845,100	17,856	17,394
3	2	99 314	91 551,278	2 899 337,862	31,669	31,206	53	52	92 821	22 039,883	384 060,953	17,426	16,963
4	3	99 289	89 078,732	2 807 786,584	31,520	31,057	54	53	92 198	21 306,112	362 021,070	16,991	16,529
5	4	99 268	86 676,095	2 718 707,853	31,366	30,903	55	54	91 509	20 580,885	340 714,958	16,555	16,092
6	5	99 250	84 340,866	2 632 031,758	31,207	30,744	56	55	90 738	19 861,298	320 134,072	16,118	15,656
7	6	99 234	82 070,600	2 547 690,892	31,043	30,580	57	56	89 883	19 147,520	300 272,774	15,682	15,219
8	7	99 217	79 860,470	2 465 620,292	30,874	30,411	58	57	88 946	18 440,743	281 125,255	15,245	14,782
9	8	99 205	77 713,464	2 385 759,822	30,699	30,237	59	58	87 927	17 741,679	262 684,512	14,806	14,343
10	9	99 190	75 622,020	2 308 046,358	30,521	30,058	60	59	86 799	17 045,359	244 942,833	14,370	13,907
11	10	99 177	73 588,681	2 232 424,338	30,337	29,874	61	60	85 572	16 354,513	227 897,474	13,935	13,472
12	11	99 165	71 610,223	2 158 835,657	30,147	29,684	62	61	84 231	15 667,458	211 542,960	13,502	13,039
13	12	99 148	69 682,119	2 087 225,434	29,954	29,491	63	62	82 776	14 984,740	195 875,502	13,072	12,609
14	13	99 133	67 806,560	2 017 543,315	29,754	29,292	64	63	81 204	14 306,639	180 890,762	12,644	12,181
15	14	99 113	65 978,418	1 949 736,755	29,551	29,088	65	64	79 515	13 634,151	166 584,123	12,218	11,755
16	15	99 088	64 196,669	1 883 758,337	29,344	28,881	66	65	77 714	12 968,737	152 949,972	11,794	11,331
17	16	99 054	62 456,992	1 819 561,668	29,133	28,670	67	66	75 796	12 310,159	139 981,234	11,371	10,908
18	17	99 015	60 761,417	1 757 104,676	28,918	28,455	68	67	73 774	11 661,049	127 671,076	10,949	10,486
19	18	98 964	59 104,708	1 696 343,259	28,701	28,238	69	68	71 648	11 021,960	116 010,026	10,525	10,063
20	19	98 908	57 490,285	1 637 238,551	28,479	28,016	70	69	69 422	10 393,665	104 988,066	10,101	9,638
21	20	98 851	55 919,335	1 579 748,265	28,250	27,788	71	70	67 076	9 773,612	94 594,402	9,679	9,216
22	21	98 795	54 391,795	1 523 828,930	28,016	27,553	72	71	64 582	9 158,406	84 820,790	9,262	8,799
23	22	98 737	52 904,876	1 469 437,135	27,775	27,312	73	72	62 016	8 559,122	75 662,384	8,840	8,377
24	23	98 678	51 458,660	1 416 532,259	27,528	27,065	74	73	59 328	7 968,963	67 103,262	8,421	7,958
25	24	98 617	50 050,293	1 365 073,599	27,274	26,811	75	74	56 516	7 388,080	59 134,298	8,004	7,541
26	25	98 557	48 681,235	1 315 023,306	27,013	26,550	76	75	53 588	6 817,828	51 746,218	7,590	7,127
27	26	98 495	47 348,246	1 266 342,071	26,745	26,282	77	76	50 543	6 258,375	44 928,390	7,179	6,716
28	27	98 433	46 052,084	1 218 993,825	26,470	26,007	78	77	47 434	5 716,171	38 670,015	6,765	6,302
29	28	98 367	44 789,419	1 172 941,741	26,188	25,725	79	78	44 228	5 187,179	32 953,844	6,353	5,890
30	29	98 295	43 558,802	1 128 152,322	25,900	25,437	80	79	40 896	4 668,034	27 766,665	5,948	5,485
31	30	98 219	42 360,151	1 084 593,520	25,604	25,141	81	80	37 425	4 157,502	23 098,631	5,556	5,093
32	31	98 135	41 191,124	1 042 233,369	25,302	24,840	82	81	33 859	3 660,750	18 941,129	5,174	4,711
33	32	98 043	40 051,294	1 001 042,245	24,994	24,531	83	82	30 236	3 181,517	15 280,379	4,803	4,340
34	33	97 941	38 938,949	960 990,951	24,679	24,217	84	83	26 539	2 717,718	12 098,862	4,452	3,989
35	34	97 838	37 856,892	922 052,002	24,356	23,893	85	84	22 828	2 275,131	9 381,144	4,123	3,661
36	35	97 727	36 801,818	884 195,110	24,026	23,563	86	85	19 194	1 861,739	7 106,013	3,817	3,354
37	36	97 595	35 768,515	847 393,292	23,691	23,228	87	86	15 740	1 485,921	5 244,274	3,529	3,066
38	37	97 451	34 759,897	811 624,777	23,349	22,887	88	87	12 540	1 152,139	3 758,353	3,262	2,799
39	38	97 303	33 778,147	776 864,880	22,999	22,536	89	88	9 640	861,962	2 606,214	3,024	2,561
40	39	97 137	32 817,957	743 086,733	22,643	22,180	90	89	7 136	620,968	1 744,252	2,809	2,346
41	40	96 954	31 879,334	710 268,777	22,280	21,817	91	90	5 077	429,951	1 123,284	2,613	2,150
42	41	96 752	30 961,489	678 389,443	21,911	21,448	92	91	3 461	285,263	693,333	2,431	1,968
43	42	96 544	30 068,156	647 427,953	21,532	21,069	93	92	2 240	179,706	408,070	2,271	1,808
44	43	96 312	29 193,173	617 359,797	21,147	20,685	94	93	1 374	107,237	228,364	2,130	1,667
45	44	96 059	28 337,181	588 166,624	20,756	20,293	95	94	793	60,238	121,127	2,011	1,548
46	45	95 788	27 500,899	559 829,443	20,357	19,894	96	95	433	32,032	60,889	1,901	1,438
47	46	95 488	26 680,926	532 328,544	19,952	19,489	97	96	221	15,935	28,858	1,811	1,348
48	47	95 152	25 875,616	505 647,618	19,541	19,079	98	97	106	7,456	12,922	1,733	1,270
49	48	94 779	25 084,354	479 772,003	19,126	18,664	99	98	49	3,316	5,466	1,649	1,186
							100	99	21	1,361	2,150	1,580	1,117

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	24 341,301	458 840,916	18,850	18,387
1							51	49	94 054	23 577,882	434 499,614	18,428	17,965
2	0	99 637	94 375,304	2 998 458,679	31,772	31,309	52	50	93 560	22 826,236	410 921,732	18,002	17,539
3	1	99 336	91 571,645	2 904 083,375	31,714	31,251	53	51	93 014	22 085,744	388 095,496	17,572	17,109
4	2	99 302	89 090,438	2 812 511,731	31,569	31,106	54	52	92 402	21 353,184	366 009,752	17,141	16,678
5	3	99 278	86 684,737	2 723 421,292	31,418	30,955	55	53	91 737	20 632,023	344 656,568	16,705	16,242
6	4	99 259	84 348,630	2 636 736,555	31,260	30,797	56	54	90 989	19 916,153	324 024,545	16,269	15,807
7	5	99 241	82 076,177	2 552 387,925	31,098	30,635	57	55	90 163	19 207,300	304 108,392	15,833	15,370
8	6	99 224	79 866,301	2 470 311,748	30,931	30,468	58	56	89 247	18 503,314	284 901,092	15,397	14,934
9	7	99 210	77 717,165	2 390 445,447	30,758	30,295	59	57	88 259	17 808,573	266 397,778	14,959	14,496
10	8	99 197	75 627,470	2 312 728,281	30,581	30,118	60	58	87 163	17 116,798	248 589,206	14,523	14,060
11	9	99 182	73 592,592	2 237 100,811	30,398	29,936	61	59	85 970	16 430,661	231 472,408	14,088	13,625
12	10	99 170	71 614,205	2 163 508,219	30,211	29,748	62	60	84 665	15 748,196	215 041,747	13,655	13,192
13	11	99 156	69 687,478	2 091 894,014	30,018	29,555	63	61	83 241	15 068,918	199 293,551	13,225	12,763
14	12	99 139	67 810,845	2 022 206,536	29,821	29,358	64	62	81 704	14 394,762	184 224,633	12,798	12,335
15	13	99 121	65 983,633	1 954 395,691	29,619	29,157	65	63	80 056	13 726,948	169 829,871	12,372	11,909
16	14	99 097	64 202,592	1 888 412,057	29,413	28,951	66	64	78 294	13 065,537	156 102,923	11,948	11,485
17	15	99 066	62 464,223	1 824 209,465	29,204	28,741	67	65	76 408	12 409,605	143 037,385	11,526	11,064
18	16	99 028	60 769,186	1 761 745,242	28,991	28,528	68	66	74 426	11 764,076	130 627,780	11,104	10,641
19	17	98 977	59 112,372	1 700 976,056	28,775	28,312	69	67	72 325	11 126,077	118 863,704	10,683	10,221
20	18	98 924	57 499,619	1 641 863,684	28,554	28,092	70	68	70 138	10 500,815	107 737,627	10,260	9,797
21	19	98 867	55 928,528	1 584 364,065	28,328	27,866	71	69	67 859	9 887,779	97 236,812	9,834	9,371
22	20	98 811	54 400,699	1 528 435,537	28,096	27,633	72	70	65 403	9 274,822	87 349,033	9,418	8,955
23	21	98 753	52 913,861	1 474 034,838	27,857	27,394	73	71	62 885	8 679,018	78 074,212	8,996	8,533
24	22	98 695	51 467,295	1 421 120,977	27,612	27,149	74	72	60 228	8 089,890	69 395,193	8,578	8,115
25	23	98 633	50 058,481	1 369 653,681	27,361	26,898	75	73	57 478	7 513,832	61 305,303	8,159	7,696
26	24	98 574	48 689,233	1 319 595,201	27,102	26,640	76	74	54 581	6 944,157	53 791,471	7,746	7,283
27	25	98 514	47 357,453	1 270 905,968	26,836	26,374	77	75	51 581	6 386,879	46 847,314	7,335	6,872
28	26	98 451	46 060,293	1 223 548,515	26,564	26,101	78	76	48 508	5 845,646	40 460,435	6,921	6,459
29	27	98 387	44 798,816	1 177 488,222	26,284	25,821	79	77	45 313	5 314,397	34 614,790	6,513	6,051
30	28	98 318	43 569,171	1 132 689,406	25,997	25,535	80	78	42 040	4 798,592	29 300,393	6,106	5,643
31	29	98 243	42 370,607	1 089 120,235	25,705	25,242	81	79	38 615	4 289,660	24 501,801	5,712	5,249
32	30	98 162	41 202,776	1 046 749,628	25,405	24,942	82	80	35 097	3 794,552	20 212,141	5,327	4,864
33	31	98 075	40 064,195	1 005 546,852	25,098	24,636	83	81	31 510	3 315,515	16 417,590	4,952	4,489
34	32	97 974	38 952,033	965 482,657	24,786	24,324	84	82	27 848	2 851,757	13 102,075	4,594	4,132
35	33	97 873	37 870,155	926 530,624	24,466	24,003	85	83	24 161	2 408,045	10 250,318	4,257	3,794
36	34	97 764	36 815,874	888 660,469	24,138	23,675	86	84	20 501	1 988,587	7 842,273	3,944	3,481
37	35	97 641	35 785,224	851 844,595	23,804	23,342	87	85	16 993	1 604,136	5 853,686	3,649	3,186
38	36	97 498	34 776,480	816 059,371	23,466	23,003	88	86	13 709	1 259,552	4 249,550	3,374	2,911
39	37	97 352	33 795,211	781 282,890	23,118	22,655	89	87	10 700	956,773	2 989,998	3,125	2,662
40	38	97 191	32 836,151	747 487,679	22,764	22,301	90	88	8 047	700,317	2 033,225	2,903	2,440
41	39	97 017	31 900,090	714 651,528	22,403	21,940	91	89	5 827	493,519	1 332,908	2,701	2,238
42	40	96 813	30 981,104	682 751,438	22,038	21,575	92	90	4 058	334,469	839,389	2,510	2,047
43	41	96 615	30 090,210	651 770,334	21,661	21,198	93	91	2 686	215,456	504,920	2,343	1,881
44	42	96 390	29 216,746	621 680,123	21,278	20,815	94	92	1 691	132,056	289,464	2,192	1,729
45	43	96 145	28 362,586	592 463,377	20,889	20,426	95	93	1 003	76,198	157,407	2,066	1,603
46	44	95 879	27 526,935	564 100,791	20,493	20,030	96	94	562	41,570	81,209	1,954	1,491
47	45	95 590	26 709,656	536 573,856	20,089	19,626	97	95	297	21,368	39,639	1,855	1,392
48	46	95 265	25 906,294	509 864,200	19,681	19,218	98	96	148	10,345	18,271	1,766	1,303
49	47	94 902	25 116,991	483 957,906	19,268	18,805	99	97	69	4,702	7,925	1,686	1,223
							100	98	30	1,999	3,224	1,613	1,150

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	24 372,971	462 675,224	18,983	18,520
1							51	48	94 197	23 613,707	438 302,253	18,561	18,099
2							52	49	93 718	22 864,742	414 688,546	18,137	17,674
3	0	99 624	91 837,226	2 908 727,337	31,673	31,210	53	50	93 186	22 126,543	391 823,804	17,708	17,245
4	1	99 324	89 110,258	2 816 890,111	31,611	31,148	54	51	92 594	21 397,616	369 697,261	17,277	16,815
5	2	99 291	86 696,130	2 727 779,853	31,464	31,001	55	52	91 939	20 677,605	348 299,645	16,844	16,381
6	3	99 269	84 357,041	2 641 083,724	31,308	30,846	56	53	91 215	19 965,639	327 622,040	16,409	15,946
7	4	99 250	82 083,733	2 556 726,683	31,148	30,685	57	54	90 412	19 260,348	307 656,401	15,974	15,511
8	5	99 231	79 871,728	2 474 642,951	30,983	30,520	58	55	89 526	18 561,083	288 396,053	15,538	15,075
9	6	99 217	77 722,840	2 394 771,223	30,812	30,349	59	56	88 558	17 868,998	269 834,970	15,101	14,638
10	7	99 202	75 631,073	2 317 048,382	30,636	30,173	60	57	87 492	17 181,336	251 965,971	14,665	14,202
11	8	99 189	73 597,897	2 241 417,310	30,455	29,992	61	58	86 330	16 499,523	234 784,635	14,230	13,767
12	9	99 175	71 618,011	2 167 819,413	30,269	29,806	62	59	85 059	15 821,520	218 285,113	13,797	13,334
13	10	99 161	69 691,353	2 096 201,402	30,078	29,616	63	60	83 670	15 146,572	202 463,592	13,367	12,904
14	11	99 147	67 816,061	2 026 510,050	29,882	29,420	64	61	82 163	14 475,626	187 317,021	12,940	12,477
15	12	99 127	65 987,803	1 958 693,989	29,683	29,220	65	62	80 549	13 811,501	172 841,395	12,514	12,051
16	13	99 105	64 207,667	1 892 706,186	29,478	29,015	66	63	78 827	13 154,464	159 029,894	12,089	11,627
17	14	99 075	62 469,986	1 828 498,519	29,270	28,807	67	64	76 979	12 502,232	145 875,430	11,668	11,205
18	15	99 039	60 776,222	1 766 028,532	29,058	28,595	68	65	75 027	11 859,111	133 373,198	11,246	10,784
19	16	98 989	59 119,930	1 705 252,310	28,844	28,381	69	66	72 964	11 224,378	121 514,087	10,826	10,363
20	17	98 937	57 506,975	1 646 132,380	28,625	28,162	70	67	70 800	10 600,009	110 289,709	10,405	9,942
21	18	98 883	55 937,608	1 588 625,305	28,400	27,937	71	68	68 559	9 989,714	99 689,700	9,979	9,516
22	19	98 827	54 409,642	1 532 687,697	28,169	27,707	72	69	66 167	9 383,162	89 699,987	9,560	9,097
23	20	98 769	52 922,523	1 478 278,055	27,933	27,470	73	70	63 684	8 789,340	80 316,824	9,138	8,675
24	21	98 712	51 476,036	1 425 355,531	27,690	27,227	74	71	61 072	8 203,213	71 527,884	8,719	8,257
25	22	98 650	50 066,881	1 373 879,496	27,441	26,978	75	72	58 350	7 627,852	63 324,271	8,302	7,839
26	23	98 590	48 697,198	1 323 812,615	27,185	26,722	76	73	55 510	7 062,353	55 696,419	7,886	7,424
27	24	98 530	47 365,233	1 275 115,417	26,921	26,458	77	74	52 537	6 505,223	48 634,066	7,476	7,013
28	25	98 470	46 069,250	1 227 750,184	26,650	26,187	78	75	49 504	5 965,675	42 128,843	7,062	6,599
29	26	98 405	44 806,802	1 181 680,934	26,373	25,910	79	76	46 339	5 434,771	36 163,168	6,654	6,191
30	27	98 339	43 578,311	1 136 874,132	26,088	25,625	80	77	43 071	4 916,280	30 728,397	6,250	5,788
31	28	98 266	42 380,693	1 093 295,820	25,797	25,334	81	78	39 695	4 409,635	25 812,118	5,854	5,391
32	29	98 187	41 212,945	1 050 915,127	25,500	25,037	82	79	36 213	3 915,172	21 402,483	5,467	5,004
33	30	98 102	40 075,528	1 009 702,182	25,195	24,732	83	80	32 661	3 436,698	17 487,311	5,088	4,626
34	31	98 006	38 964,580	969 626,654	24,885	24,422	84	81	29 020	2 971,866	14 050,613	4,728	4,265
35	32	97 905	37 882,880	930 662,074	24,567	24,104	85	82	25 353	2 526,811	11 078,747	4,384	3,922
36	33	97 799	36 828,772	892 779,194	24,241	23,779	86	83	21 699	2 104,761	8 551,936	4,063	3,600
37	34	97 678	35 798,892	855 950,421	23,910	23,447	87	84	18 150	1 713,433	6 447,176	3,763	3,300
38	35	97 543	34 792,726	820 151,529	23,572	23,110	88	85	14 800	1 359,758	4 733,743	3,481	3,018
39	36	97 399	33 811,334	785 358,803	23,228	22,765	89	86	11 698	1 045,972	3 373,986	3,226	2,763
40	37	97 240	32 852,740	751 547,468	22,876	22,413	90	87	8 933	777,348	2 328,014	2,995	2,532
41	38	97 071	31 917,776	718 694,729	22,517	22,054	91	88	6 572	556,582	1 550,666	2,786	2,323
42	39	96 876	31 001,275	686 776,953	22,153	21,690	92	89	4 658	383,920	994,083	2,589	2,126
43	40	96 676	30 109,273	655 775,678	21,780	21,317	93	90	3 149	252,621	610,163	2,415	1,953
44	41	96 461	29 238,176	625 666,405	21,399	20,936	94	91	2 028	158,327	357,542	2,258	1,795
45	42	96 223	28 385,489	596 428,228	21,012	20,549	95	92	1 235	93,834	199,215	2,123	1,660
46	43	95 965	27 551,613	568 042,740	20,617	20,155	96	93	711	52,585	105,381	2,004	1,541
47	44	95 681	26 734,944	540 491,127	20,217	19,754	97	94	385	27,731	52,796	1,904	1,441
48	45	95 368	25 934,190	513 756,183	19,810	19,347	98	95	198	13,872	25,065	1,807	1,344
49	46	95 015	25 146,769	487 821,993	19,399	18,936	99	96	96	6,524	11,192	1,716	1,253
							100	97	43	2,834	4,668	1,647	1,185

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	24 401,867	466 208,823	19,105	18,643
1							51	47	94 320	23 644,430	441 806,956	18,685	18,223
2							52	48	93 860	22 899,483	418 162,526	18,261	17,798
3							53	49	93 343	22 163,869	395 263,043	17,834	17,371
4	0	99 612	89 368,700	2 821 182,171	31,568	31,105	54	50	92 765	21 437,144	373 099,175	17,404	16,942
5	1	99 313	86 715,416	2 731 813,470	31,503	31,040	55	51	92 131	20 720,632	351 662,031	16,972	16,509
6	2	99 282	84 368,127	2 645 098,054	31,352	30,889	56	52	91 416	20 009,749	330 941,399	16,539	16,076
7	3	99 260	82 091,917	2 560 729,927	31,193	30,731	57	53	90 637	19 308,205	310 931,650	16,104	15,641
8	4	99 240	79 879,081	2 478 638,010	30,030	30,560	58	54	89 773	18 612,346	291 623,445	15,668	15,205
9	5	99 224	77 728,121	2 398 758,929	30,861	30,398	59	55	88 835	17 924,787	273 011,098	15,231	14,768
10	6	99 209	75 636,595	2 321 030,808	30,687	30,224	60	56	87 789	17 239,633	255 086,311	14,797	14,334
11	7	99 194	73 601,402	2 245 394,212	30,507	30,045	61	57	86 656	16 561,733	237 846,678	14,361	13,898
12	8	99 183	71 623,173	2 171 792,810	30,322	29,860	62	58	85 416	15 887,829	221 284,945	13,928	13,465
13	9	99 167	69 695,057	2 100 169,637	30,134	29,671	63	59	84 060	15 217,095	205 397,115	13,498	13,035
14	10	99 152	67 819,831	2 030 474,581	29,939	29,476	64	60	82 586	14 550,222	190 180,021	13,071	12,608
15	11	99 134	65 992,879	1 962 654,750	29,740	29,278	65	61	81 001	13 889,088	175 629,799	12,645	12,182
16	12	99 111	64 211,725	1 896 661,871	29,538	29,075	66	62	79 312	13 235,490	161 740,711	12,220	11,757
17	13	99 082	62 474,924	1 832 450,146	29,331	28,868	67	63	77 503	12 587,325	148 505,220	11,798	11,335
18	14	99 048	60 781,829	1 769 975,222	29,120	28,657	68	64	75 587	11 947,629	135 917,896	11,376	10,913
19	15	99 001	59 126,776	1 709 193,393	28,907	28,444	69	65	73 553	11 315,053	123 970,267	10,956	10,493
20	16	98 949	57 514,427	1 650 066,617	28,690	28,227	70	66	71 426	10 693,661	112 655,214	10,535	10,072
21	17	98 896	55 944,861	1 592 552,190	28,466	28,004	71	67	69 206	10 084,080	101 961,552	10,111	9,648
22	18	98 843	54 418,476	1 536 607,328	28,237	27,774	72	68	66 849	9 479,895	91 877,473	9,692	9,229
23	19	98 786	52 931,224	1 482 188,853	28,002	27,539	73	69	64 428	8 892,010	82 397,578	9,266	8,804
24	20	98 728	51 484,463	1 429 257,629	27,761	27,298	74	70	61 848	8 307,487	73 505,568	8,848	8,385
25	21	98 667	50 075,383	1 377 773,166	27,514	27,051	75	71	59 167	7 734,703	65 198,081	8,429	7,966
26	22	98 606	48 705,369	1 327 697,783	27,260	26,797	76	72	56 352	7 169,522	57 463,377	8,015	7,552
27	23	98 546	47 372,982	1 278 992,414	26,998	26,536	77	73	53 431	6 615,948	50 293,855	7,602	7,139
28	24	98 486	46 076,819	1 231 619,432	26,730	26,267	78	74	50 422	6 076,214	43 677,908	7,188	6,726
29	25	98 424	44 815,515	1 185 542,613	26,454	25,991	79	75	47 290	5 546,364	37 601,694	6,780	6,317
30	26	98 356	43 586,080	1 140 727,098	26,172	25,709	80	76	44 046	5 027,636	32 055,330	6,376	5,913
31	27	98 287	42 389,584	1 097 141,018	25,882	25,420	81	77	40 668	4 517,784	27 027,694	5,983	5,520
32	28	98 210	41 222,756	1 054 751,434	25,587	25,124	82	78	37 226	4 024,673	22 509,911	5,593	5,130
33	29	98 127	40 085,420	1 013 528,678	25,284	24,821	83	79	33 700	3 545,943	18 485,238	5,213	4,750
34	30	98 034	38 975,602	973 443,258	24,976	24,513	84	80	30 081	3 080,489	14 939,295	4,850	4,387
35	31	97 937	37 895,083	934 467,656	24,659	24,197	85	81	26 421	2 633,234	11 858,807	4,504	4,041
36	32	97 832	36 841,148	896 572,574	24,336	23,873	86	82	22 769	2 208,568	9 225,573	4,177	3,714
37	33	97 712	35 811,434	859 731,426	24,007	23,544	87	83	19 211	1 813,532	7 017,004	3,869	3,406
38	34	97 581	34 806,015	823 919,992	23,672	23,209	88	84	15 808	1 452,404	5 203,472	3,583	3,120
39	35	97 444	33 827,129	789 113,977	23,328	22,865	89	85	12 628	1 129,186	3 751,069	3,322	2,859
40	36	97 286	32 868,413	755 286,847	22,979	22,516	90	86	9 765	849,820	2 621,883	3,085	2,622
41	37	97 120	31 933,900	722 418,434	22,622	22,159	91	87	7 295	617,803	1 772,064	2,868	2,406
42	38	96 930	31 018,463	690 484,534	22,260	21,798	92	88	5 253	432,978	1 154,260	2,666	2,203
43	39	96 739	30 128,877	659 466,071	21,888	21,425	93	89	3 615	289,972	721,282	2,487	2,025
44	40	96 522	29 256,699	629 337,195	21,511	21,048	94	90	2 378	185,638	431,310	2,323	1,861
45	41	96 294	28 406,309	600 080,495	21,125	20,662	95	91	1 481	112,501	245,673	2,184	1,721
46	42	96 042	27 573,861	571 674,186	20,732	20,270	96	92	876	64,755	133,172	2,057	1,594
47	43	95 767	26 758,912	544 100,325	20,333	19,871	97	93	487	35,079	68,417	1,950	1,488
48	44	95 458	25 958,743	517 341,414	19,929	19,467	98	94	257	18,003	33,338	1,852	1,389
49	45	95 117	25 173,848	491 382,671	19,520	19,057	99	95	128	8,748	15,334	1,753	1,290
							100	96	59	3,932	6,586	1,675	1,212

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	24 428,143	469 460,248	19,218	18,755
1							51	46	94 431	23 672,462	445 032,105	18,800	18,337
2							52	47	93 982	22 929,276	421 359,642	18,376	17,914
3							53	48	93 485	22 197,545	398 430,366	17,949	17,486
4							54	49	92 922	21 473,306	376 232,821	17,521	17,058
5	0	99 601	86 966,913	2 735 776,207	31,458	30,995	55	50	92 301	20 758,909	354 759,515	17,090	16,627
6	1	99 304	84 386,896	2 648 809,293	31,389	30,926	56	51	91 607	20 051,386	334 000,605	16,657	16,194
7	2	99 273	82 102,706	2 564 422,398	31,234	30,772	57	52	90 837	19 350,863	313 949,220	16,224	15,761
8	3	99 250	79 887,046	2 482 319,692	31,073	30,610	58	53	89 996	18 658,593	294 598,357	15,789	15,326
9	4	99 233	77 735,277	2 402 432,646	30,905	30,442	59	54	89 080	17 974,293	275 939,764	15,352	14,889
10	5	99 216	75 641,735	2 324 697,369	30,733	30,270	60	55	88 063	17 293,457	257 965,471	14,917	14,454
11	6	99 201	73 606,777	2 249 055,635	30,555	30,092	61	56	86 950	16 617,928	240 672,014	14,483	14,020
12	7	99 187	71 626,584	2 175 448,858	30,372	29,909	62	57	85 738	15 947,734	224 054,085	14,049	13,586
13	8	99 174	69 700,080	2 103 822,274	30,184	29,721	63	58	84 412	15 280,871	208 106,352	13,619	13,156
14	9	99 157	67 823,436	2 034 122,194	29,991	29,529	64	59	82 971	14 617,968	192 825,481	13,191	12,728
15	10	99 140	65 996,547	1 966 298,758	29,794	29,331	65	60	81 419	13 960,662	178 207,513	12,765	12,302
16	11	99 119	64 216,664	1 900 302,210	29,592	29,129	66	61	79 758	13 309,842	164 246,851	12,340	11,877
17	12	99 089	62 478,873	1 836 085,547	29,387	28,924	67	62	77 980	12 664,858	150 937,009	11,918	11,455
18	13	99 056	60 786,634	1 773 606,674	29,178	28,715	68	63	76 101	12 028,947	138 272,152	11,495	11,032
19	14	99 010	59 132,231	1 712 820,040	28,966	28,503	69	64	74 102	11 399,510	126 243,205	11,074	10,612
20	15	98 961	57 521,087	1 653 687,810	28,749	28,286	70	65	72 003	10 780,049	114 843,695	10,653	10,191
21	16	98 909	55 952,014	1 596 166,723	28,527	28,065	71	66	69 818	10 173,174	104 063,646	10,229	9,766
22	17	98 856	54 425,532	1 540 214,709	28,299	27,837	72	67	67 481	9 569,445	93 890,472	9,811	9,349
23	18	98 802	52 939,817	1 485 789,177	28,066	27,603	73	68	65 092	8 983,679	84 321,027	9,386	8,923
24	19	98 744	51 492,927	1 432 849,360	27,826	27,363	74	69	62 570	8 404,528	75 337,347	8,964	8,501
25	20	98 683	50 083,581	1 381 356,433	27,581	27,118	75	70	59 919	7 833,022	66 932,819	8,545	8,082
26	21	98 623	48 713,641	1 331 272,852	27,329	26,866	76	71	57 141	7 269,953	59 099,798	8,129	7,667
27	22	98 563	47 380,931	1 282 559,211	27,069	26,606	77	72	54 242	6 716,343	51 829,845	7,717	7,254
28	23	98 502	46 084,356	1 235 178,280	26,803	26,340	78	73	51 280	6 179,637	45 113,502	7,300	6,838
29	24	98 440	44 822,878	1 189 093,924	26,529	26,066	79	74	48 167	5 649,133	38 933,865	6,892	6,429
30	25	98 376	43 594,556	1 144 271,046	26,248	25,785	80	75	44 951	5 130,869	33 284,732	6,487	6,024
31	26	98 304	42 397,141	1 100 676,490	25,961	25,498	81	76	41 589	4 620,114	28 153,863	6,094	5,631
32	27	98 231	41 231,404	1 058 279,349	25,667	25,204	82	77	38 138	4 123,380	23 533,750	5,707	5,245
33	28	98 150	40 094,962	1 017 047,945	25,366	24,903	83	78	34 642	3 645,117	19 410,370	5,325	4,862
34	29	98 058	38 985,222	976 952,984	25,060	24,597	84	79	31 037	3 178,410	15 765,252	4,960	4,497
35	30	97 965	37 905,802	937 967,762	24,745	24,282	85	80	27 386	2 729,480	12 586,842	4,611	4,149
36	31	97 863	36 853,014	900 061,960	24,423	23,960	86	81	23 728	2 301,588	9 857,363	4,283	3,820
37	32	97 745	35 823,467	863 208,945	24,096	23,633	87	82	20 158	1 902,976	7 555,775	3,971	3,508
38	33	97 615	34 818,209	827 385,478	23,763	23,300	88	83	16 732	1 537,254	5 652,799	3,677	3,214
39	34	97 482	33 840,049	792 567,268	23,421	22,958	89	84	13 489	1 206,122	4 115,545	3,412	2,949
40	35	97 332	32 883,768	758 727,219	23,073	22,610	90	85	10 542	917,428	2 909,423	3,171	2,708
41	36	97 166	31 949,135	725 843,451	22,719	22,256	91	86	7 975	675,400	1 991,995	2,949	2,487
42	37	96 979	31 034,133	693 894,316	22,359	21,896	92	87	5 831	480,604	1 316,595	2,739	2,277
43	38	96 793	30 145,581	662 860,183	21,989	21,526	93	88	4 077	327,025	835,991	2,556	2,094
44	39	96 585	29 275,748	632 714,602	21,612	21,149	94	89	2 729	213,084	508,966	2,389	1,926
45	40	96 355	28 424,305	603 438,855	21,230	20,767	95	90	1 736	131,906	295,882	2,243	1,780
46	41	96 113	27 594,086	575 014,550	20,838	20,376	96	91	1 050	77,637	163,976	2,112	1,649
47	42	95 844	26 780,519	547 420,464	20,441	19,978	97	92	600	43,198	86,338	1,999	1,536
48	43	95 543	25 982,015	520 639,944	20,038	19,576	98	93	325	22,773	43,140	1,894	1,432
49	44	95 207	25 197,681	494 657,929	19,631	19,168	99	94	167	11,353	20,367	1,794	1,331
							100	95	79	5,273	9,013	1,709	1,247

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	24 451,271	472 447,342	19,322	18,859
1							51	45	94 533	23 697,953	447 996,071	18,904	18,442
2							52	46	94 094	22 956,461	424 298,118	18,483	18,020
3							53	47	93 607	22 226,425	401 341,656	18,057	17,594
4							54	48	93 063	21 505,933	379 115,231	17,628	17,166
5							55	49	92 456	20 793,928	357 609,298	17,198	16,735
6	0	99 592	84 631,639	2 652 465,013	31,341	30,878	56	50	91 776	20 088,427	336 815,370	16,767	16,304
7	1	99 295	82 120,970	2 567 833,373	31,269	30,806	57	51	91 026	19 391,128	316 726,944	16,334	15,871
8	2	99 263	79 897,544	2 485 712,403	31,111	30,648	58	52	90 195	18 699,815	297 335,815	15,900	15,438
9	3	99 243	77 743,028	2 405 814,858	30,946	30,483	59	53	89 301	18 018,955	278 636,000	15,463	15,001
10	4	99 225	75 648,698	2 328 071,830	30,775	30,312	60	54	88 306	17 341,219	260 617,045	15,029	14,566
11	5	99 208	73 611,778	2 252 423,132	30,599	30,136	61	55	87 221	16 669,811	243 275,826	14,594	14,131
12	6	99 195	71 631,815	2 178 811,354	30,417	29,954	62	56	86 029	16 001,845	226 606,015	14,161	13,698
13	7	99 179	69 703,400	2 107 179,539	30,231	29,768	63	57	84 730	15 338,486	210 604,169	13,730	13,268
14	8	99 165	67 828,324	2 037 476,139	30,039	29,576	64	58	83 318	14 679,233	195 265,683	13,302	12,839
15	9	99 145	66 000,055	1 969 647,815	29,843	29,380	65	59	81 798	14 025,663	180 586,450	12,875	12,413
16	10	99 125	64 220,234	1 903 647,760	29,642	29,180	66	60	80 169	13 378,430	166 560,787	12,450	11,987
17	11	99 096	62 483,678	1 839 427,526	29,439	28,976	67	61	78 418	12 736,003	153 182,356	12,028	11,565
18	12	99 062	60 790,475	1 776 943,848	29,231	28,768	68	62	76 570	12 103,041	140 446,353	11,604	11,141
19	13	99 018	59 136,905	1 716 153,373	29,020	28,557	69	63	74 607	11 477,097	128 343,312	11,183	10,720
20	14	98 970	57 526,393	1 657 016,468	28,804	28,342	70	64	72 540	10 860,513	116 866,215	10,761	10,298
21	15	98 920	55 958,493	1 599 490,074	28,584	28,121	71	65	70 382	10 255,357	106 005,702	10,337	9,874
22	16	98 869	54 432,491	1 543 531,582	28,357	27,894	72	66	68 077	9 653,993	95 750,345	9,918	9,455
23	17	98 815	52 946,681	1 489 099,091	28,125	27,662	73	67	65 707	9 068,542	86 096,353	9,494	9,031
24	18	98 760	51 501,286	1 436 152,409	27,886	27,423	74	68	63 215	8 491,172	77 027,811	9,072	8,609
25	19	98 699	50 091,815	1 384 651,123	27,642	27,179	75	69	60 619	7 924,520	68 536,639	8,649	8,186
26	20	98 639	48 721,616	1 334 559,308	27,392	26,929	76	70	57 868	7 362,363	60 612,118	8,233	7,770
27	21	98 580	47 388,978	1 285 837,693	27,134	26,671	77	71	55 002	6 810,425	53 249,755	7,819	7,356
28	22	98 518	46 092,090	1 238 448,715	26,869	26,406	78	72	52 058	6 273,411	46 439,330	7,403	6,940
29	23	98 456	44 830,210	1 192 356,626	26,597	26,134	79	73	48 986	5 745,287	40 165,919	6,991	6,528
30	24	98 392	43 601,718	1 147 526,415	26,318	25,856	80	74	45 784	5 225,940	34 420,632	6,586	6,124
31	25	98 324	42 405,385	1 103 924,697	26,033	25,570	81	75	42 443	4 714,979	29 194,692	6,192	5,729
32	26	98 248	41 238,755	1 061 519,312	25,741	25,278	82	76	39 002	4 216,777	24 479,713	5,805	5,342
33	27	98 171	40 103,373	1 020 280,558	25,441	24,978	83	77	35 492	3 734,516	20 262,936	5,426	4,963
34	28	98 081	38 994,502	980 177,184	25,136	24,673	84	78	31 905	3 267,305	16 528,421	5,059	4,596
35	29	97 989	37 915,158	941 182,682	24,823	24,361	85	79	28 257	2 816,243	13 261,115	4,709	4,246
36	30	97 891	36 863,439	903 267,524	24,503	24,040	86	80	24 595	2 385,711	10 444,872	4,378	3,915
37	31	97 777	35 835,006	866 404,085	24,178	23,715	87	81	21 007	1 983,125	8 059,160	4,064	3,601
38	32	97 648	34 829,909	830 569,078	23,846	23,384	88	82	17 557	1 613,072	6 076,036	3,767	3,304
39	33	97 516	33 851,905	795 739,169	23,506	23,044	89	83	14 277	1 276,584	4 462,964	3,496	3,033
40	34	97 369	32 896,328	761 887,264	23,160	22,697	90	84	11 261	979,937	3 186,380	3,252	2,789
41	35	97 211	31 964,060	728 990,937	22,807	22,344	91	85	8 609	729,133	2 206,444	3,026	2,563
42	36	97 025	31 048,939	697 026,876	22,449	21,986	92	86	6 374	525,410	1 477,311	2,812	2,349
43	37	96 842	30 160,810	665 977,937	22,081	21,618	93	87	4 525	362,996	951,901	2,622	2,160
44	38	96 638	29 291,979	635 817,128	21,706	21,243	94	88	3 078	240,313	588,905	2,451	1,988
45	39	96 417	28 442,811	606 525,149	21,324	20,862	95	89	1 993	151,409	348,593	2,302	1,840
46	40	96 173	27 611,568	578 082,338	20,936	20,473	96	90	1 231	91,029	197,184	2,166	1,703
47	41	95 914	26 800,162	550 470,770	20,540	20,077	97	91	720	51,792	106,154	2,050	1,587
48	42	95 621	26 002,996	523 670,608	20,139	19,676	98	92	400	28,044	54,363	1,938	1,476
49	43	95 293	25 220,271	497 667,612	19,733	19,270	99	93	211	14,362	26,319	1,833	1,370
							100	94	103	6,843	11,957	1,747	1,284

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	24 473,191	475 189,482	19,417	18,954
1							51	44	94 623	23 720,389	450 716,291	19,001	18,538
2							52	45	94 195	22 981,181	426 995,901	18,580	18,117
3							53	46	93 718	22 252,777	404 014,720	18,156	17,693
4							54	47	93 184	21 533,914	381 761,943	17,728	17,266
5							55	48	92 597	20 825,522	360 228,030	17,297	16,835
6							56	49	91 931	20 122,314	339 402,508	16,867	16,404
7	0	99 583	82 359,143	2 571 203,843	31,219	30,757	57	50	91 195	19 426,950	319 280,194	16,435	15,972
8	1	99 285	79 915,319	2 488 844,701	31,144	30,681	58	51	90 383	18 738,727	299 853,244	16,002	15,539
9	2	99 256	77 753,245	2 408 929,382	30,982	30,519	59	52	89 499	18 058,764	281 114,517	15,567	15,104
10	3	99 235	75 656,241	2 331 176,137	30,813	30,350	60	53	88 525	17 384,308	263 055,753	15,132	14,669
11	4	99 217	73 618,555	2 255 519,896	30,638	30,175	61	54	87 462	16 715,851	245 671,446	14,697	14,234
12	5	99 201	71 636,682	2 181 901,341	30,458	29,995	62	55	86 297	16 051,805	228 955,595	14,264	13,801
13	6	99 186	69 708,490	2 110 264,659	30,273	29,810	63	56	85 018	15 390,531	212 903,790	13,833	13,371
14	7	99 169	67 831,555	2 040 556,169	30,083	29,620	64	57	83 632	14 734,580	197 513,259	13,405	12,942
15	8	99 152	66 004,812	1 972 724,615	29,888	29,425	65	58	82 141	14 084,446	182 778,679	12,977	12,515
16	9	99 130	64 223,647	1 906 719,802	29,689	29,226	66	59	80 542	13 440,721	168 694,233	12,551	12,088
17	10	99 102	62 487,152	1 842 496,155	29,486	29,023	67	60	78 822	12 801,635	155 253,512	12,128	11,665
18	11	99 070	60 795,151	1 780 009,003	29,279	28,816	68	61	77 000	12 171,030	142 451,877	11,704	11,241
19	12	99 024	59 140,642	1 719 213,852	29,070	28,607	69	62	75 066	11 547,792	130 280,847	11,282	10,819
20	13	98 978	57 530,941	1 660 073,210	28,855	28,392	70	63	73 034	10 934,431	118 733,055	10,859	10,396
21	14	98 929	55 963,655	1 602 542,270	28,635	28,173	71	64	70 907	10 331,904	107 798,624	10,434	9,971
22	15	98 880	54 438,793	1 546 578,614	28,409	27,947	72	65	68 627	9 731,982	97 466,719	10,015	9,552
23	16	98 827	52 953,451	1 492 139,821	28,178	27,716	73	66	66 287	9 148,664	87 734,738	9,590	9,127
24	17	98 773	51 507,964	1 439 186,370	27,941	27,478	74	67	63 813	8 571,382	78 586,074	9,168	8,706
25	18	98 715	50 099,947	1 387 678,405	27,698	27,235	75	68	61 244	8 006,216	70 014,692	8,745	8,282
26	19	98 655	48 729,625	1 337 578,458	27,449	26,986	76	69	58 544	7 448,364	62 008,476	8,325	7,862
27	20	98 596	47 396,736	1 288 848,833	27,193	26,730	77	70	55 701	6 896,995	54 560,112	7,911	7,448
28	21	98 535	46 099,917	1 241 452,098	26,930	26,467	78	71	52 787	6 361,289	47 663,117	7,493	7,030
29	22	98 473	44 837,733	1 195 352,180	26,660	26,197	79	72	49 730	5 832,470	41 301,828	7,081	6,619
30	23	98 408	43 608,851	1 150 514,447	26,383	25,920	80	73	46 563	5 314,890	35 469,358	6,674	6,211
31	24	98 340	42 412,352	1 106 905,597	26,099	25,636	81	74	43 230	4 802,344	30 154,468	6,279	5,816
32	25	98 267	41 246,774	1 064 493,244	25,808	25,345	82	75	39 803	4 303,360	25 352,124	5,891	5,428
33	26	98 188	40 110,523	1 023 246,471	25,511	25,048	83	76	36 296	3 819,104	21 048,764	5,511	5,049
34	27	98 102	39 002,683	983 135,948	25,207	24,744	84	77	32 688	3 347,438	17 229,660	5,147	4,684
35	28	98 012	37 924,184	944 133,265	24,895	24,432	85	78	29 047	2 895,009	13 882,222	4,795	4,332
36	29	97 915	36 872,538	906 209,082	24,577	24,114	86	79	25 377	2 461,548	10 987,212	4,464	4,001
37	30	97 804	35 845,143	869 336,544	24,253	23,790	87	80	21 775	2 055,609	8 525,665	4,148	3,685
38	31	97 679	34 841,128	833 491,401	23,923	23,460	88	81	18 297	1 681,010	6 470,056	3,849	3,386
39	32	97 548	33 863,280	798 650,273	23,585	23,122	89	82	14 981	1 339,546	4 789,046	3,575	3,112
40	33	97 403	32 907,853	764 786,993	23,240	22,777	90	83	11 918	1 037,185	3 449,500	3,326	2,863
41	34	97 248	31 976,269	731 879,140	22,888	22,425	91	84	9 196	778,812	2 412,315	3,097	2,635
42	35	97 070	31 063,443	699 902,871	22,531	22,069	92	85	6 881	567,210	1 633,504	2,880	2,417
43	36	96 888	30 175,199	668 839,428	22,165	21,702	93	86	4 947	396,837	1 066,294	2,687	2,224
44	37	96 687	29 306,777	638 664,229	21,792	21,330	94	87	3 417	266,746	669,457	2,510	2,047
45	38	96 471	28 458,580	609 357,452	21,412	20,949	95	88	2 247	170,756	402,711	2,358	1,896
46	39	96 236	27 629,545	580 898,872	21,025	20,562	96	89	1 413	104,488	231,955	2,220	1,757
47	40	95 975	26 817,141	553 269,327	20,631	20,168	97	90	844	60,725	127,467	2,099	1,636
48	41	95 691	26 022,068	526 452,186	20,231	19,768	98	91	480	33,623	66,741	1,985	1,522
49	42	95 370	25 240,636	500 430,118	19,826	19,364	99	92	259	17,686	33,118	1,873	1,410
							100	93	130	8,656	15,432	1,783	1,320

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	24 492,953	477 704,390	19,504	19,041
1							51	43	94 707	23 741,655	453 211,436	19,089	18,626
2							52	44	94 284	23 002,939	429 469,782	18,670	18,207
3							53	45	93 819	22 276,739	406 466,843	18,246	17,783
4							54	46	93 295	21 559,444	384 190,104	17,820	17,357
5							55	47	92 717	20 852,617	362 630,660	17,390	16,927
6							56	48	92 070	20 152,888	341 778,043	16,959	16,496
7							57	49	91 348	19 459,721	321 625,154	16,528	16,065
8	0	99 573	80 147,094	2 491 950,918	31,092	30,629	58	50	90 550	18 773,343	302 165,433	16,095	15,633
9	1	99 278	77 770,542	2 411 803,824	31,012	30,549	59	51	89 685	18 096,341	283 392,090	15,660	15,197
10	2	99 248	75 666,184	2 334 033,282	30,846	30,384	60	52	88 721	17 422,715	265 295,750	15,227	14,764
11	3	99 227	73 625,895	2 258 367,098	30,674	30,211	61	53	87 679	16 757,386	247 873,035	14,792	14,329
12	4	99 210	71 643,277	2 184 741,203	30,495	30,032	62	54	86 536	16 096,138	231 115,649	14,358	13,896
13	5	99 193	69 713,226	2 113 097,926	30,311	29,848	63	55	85 283	15 438,582	215 019,511	13,927	13,465
14	6	99 177	67 836,508	2 043 384,700	30,122	29,659	64	56	83 916	14 784,576	199 580,930	13,499	13,036
15	7	99 157	66 007,956	1 975 548,192	29,929	29,466	65	57	82 450	14 137,550	184 796,354	13,071	12,608
16	8	99 137	64 228,276	1 909 540,235	29,731	29,268	66	58	80 880	13 497,052	170 658,804	12,644	12,181
17	9	99 107	62 490,473	1 845 311,959	29,529	29,067	67	59	79 189	12 861,240	157 161,752	12,220	11,757
18	10	99 075	60 798,531	1 782 821,486	29,323	28,861	68	60	77 397	12 233,750	144 300,512	11,795	11,332
19	11	99 032	59 145,191	1 722 022,955	29,115	28,652	69	61	75 488	11 612,662	132 066,761	11,373	10,910
20	12	98 984	57 534,577	1 662 877,764	28,902	28,439	70	62	73 484	11 001,783	120 454,099	10,949	10,486
21	13	98 937	55 968,079	1 605 343,188	28,683	28,220	71	63	71 390	10 402,225	109 452,316	10,522	10,059
22	14	98 889	54 443,816	1 549 375,109	28,458	27,995	72	64	69 139	9 804,622	99 050,091	10,102	9,640
23	15	98 839	52 959,582	1 494 931,293	28,228	27,765	73	65	66 823	9 222,571	89 245,468	9,677	9,214
24	16	98 786	51 514,550	1 441 971,711	27,992	27,529	74	66	64 376	8 647,112	80 022,898	9,254	8,791
25	17	98 728	50 106,443	1 390 457,161	27,750	27,287	75	67	61 823	8 081,845	71 375,786	8,832	8,369
26	18	98 671	48 737,536	1 340 350,717	27,501	27,039	76	68	59 147	7 525,151	63 293,941	8,411	7,948
27	19	98 612	47 404,527	1 291 613,181	27,247	26,784	77	69	56 351	6 977,560	55 768,790	7,993	7,530
28	20	98 551	46 107,464	1 244 208,653	26,985	26,522	78	70	53 458	6 442,149	48 791,231	7,574	7,111
29	21	98 490	44 845,348	1 198 101,189	26,716	26,253	79	71	50 426	5 914,171	42 349,081	7,161	6,698
30	22	98 424	43 616,168	1 153 255,842	26,441	25,978	80	72	47 270	5 395,542	36 434,910	6,753	6,290
31	23	98 356	42 419,290	1 109 639,673	26,159	25,696	81	73	43 965	4 884,084	31 039,368	6,355	5,892
32	24	98 283	41 253,550	1 067 220,383	25,870	25,407	82	74	40 541	4 383,098	26 155,284	5,967	5,504
33	25	98 207	40 118,322	1 025 966,833	25,574	25,111	83	75	37 041	3 897,522	21 772,186	5,586	5,123
34	26	98 119	39 009,636	985 848,511	25,272	24,809	84	76	33 428	3 423,259	17 874,664	5,222	4,759
35	27	98 033	37 932,140	946 838,875	24,961	24,499	85	77	29 760	2 966,011	14 451,405	4,872	4,410
36	28	97 938	36 881,315	908 906,735	24,644	24,181	86	78	26 087	2 530,393	11 485,394	4,539	4,076
37	29	97 828	35 853,990	872 025,420	24,322	23,859	87	79	22 467	2 120,952	8 955,000	4,222	3,759
38	30	97 707	34 850,983	836 171,429	23,993	23,530	88	80	18 965	1 742,452	6 834,048	3,922	3,459
39	31	97 580	33 874,188	801 320,446	23,656	23,193	89	81	15 612	1 395,964	5 091,597	3,647	3,185
40	32	97 436	32 918,911	767 446,258	23,313	22,850	90	82	12 506	1 088,339	3 695,633	3,396	2,933
41	33	97 283	31 987,472	734 527,347	22,963	22,500	91	83	9 733	824,310	2 607,294	3,163	2,700
42	34	97 107	31 075,308	702 539,876	22,608	22,145	92	84	7 350	605,856	1 782,983	2,943	2,480
43	35	96 933	30 189,296	671 464,568	22,242	21,779	93	85	5 340	428,408	1 177,127	2,748	2,285
44	36	96 733	29 320,758	641 275,272	21,871	21,408	94	86	3 735	291,614	748,719	2,567	2,105
45	37	96 519	28 472,957	611 954,514	21,492	21,030	95	87	2 494	189,538	457,105	2,412	1,949
46	38	96 289	27 644,863	583 481,557	21,106	20,644	96	88	1 593	117,840	267,566	2,271	1,808
47	39	96 038	26 834,601	555 836,694	20,713	20,251	97	89	968	69,704	149,727	2,148	1,685
48	40	95 751	26 038,554	529 002,093	20,316	19,853	98	90	563	39,423	80,023	2,030	1,567
49	41	95 440	25 259,150	502 963,539	19,912	19,449	99	91	311	21,204	40,600	1,915	1,452
							100	92	161	10,659	19,396	1,820	1,357

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	24 510,918	480 009,285	19,583	19,121
1							51	42	94 784	23 760,826	455 498,366	19,170	18,707
2							52	43	94 369	23 023,561	431 737,540	18,752	18,289
3							53	44	93 907	22 297,829	408 713,979	18,330	17,867
4							54	45	93 395	21 582,660	386 416,150	17,904	17,441
5							55	46	92 827	20 877,340	364 833,490	17,475	17,012
6							56	47	92 190	20 179,108	343 956,150	17,045	16,582
7							57	48	91 487	19 489,289	323 777,042	16,613	16,150
8							58	49	90 703	18 805,012	304 287,753	16,181	15,718
9	0	99 566	77 996,097	2 414 665,835	30,959	30,496	59	50	89 850	18 129,770	285 482,742	15,747	15,284
10	1	99 270	75 683,017	2 336 669,738	30,874	30,412	60	51	88 905	17 458,968	267 352,971	15,313	14,850
11	2	99 240	73 635,571	2 260 986,721	30,705	30,242	61	52	87 873	16 794,408	249 894,003	14,880	14,417
12	3	99 220	71 650,420	2 187 351,150	30,528	30,065	62	53	86 751	16 136,133	233 099,595	14,446	13,983
13	4	99 202	69 719,644	2 115 700,730	30,346	29,883	63	54	85 519	15 481,221	216 963,463	14,015	13,552
14	5	99 183	67 841,117	2 045 981,086	30,158	29,696	64	55	84 178	14 830,735	201 482,242	13,585	13,123
15	6	99 164	66 012,776	1 978 139,968	29,966	29,503	65	56	82 730	14 185,520	186 651,507	13,158	12,695
16	7	99 142	64 231,335	1 912 127,192	29,769	29,307	66	57	81 185	13 547,942	172 465,987	12,730	12,267
17	8	99 114	62 494,977	1 847 895,857	29,569	29,106	67	58	79 521	12 915,142	158 918,045	12,305	11,842
18	9	99 081	60 801,762	1 785 400,880	29,364	28,901	68	59	77 757	12 290,711	146 002,903	11,879	11,416
19	10	99 037	59 148,479	1 724 599,117	29,157	28,694	69	60	75 877	11 672,505	133 712,192	11,455	10,992
20	11	98 992	57 539,002	1 665 450,638	28,945	28,482	70	61	73 897	11 063,587	122 039,687	11,031	10,568
21	12	98 943	55 971,616	1 607 911,637	28,727	28,264	71	62	71 830	10 466,299	110 976,100	10,603	10,140
22	13	98 897	54 448,119	1 551 940,020	28,503	28,040	72	63	69 610	9 871,354	100 509,801	10,182	9,719
23	14	98 848	52 964,468	1 497 491,901	28,274	27,811	73	64	67 322	9 291,409	90 638,447	9,755	9,292
24	15	98 797	51 520,515	1 444 527,433	28,038	27,575	74	65	64 896	8 716,967	81 347,038	9,332	8,869
25	16	98 740	50 112,850	1 393 006,918	27,797	27,335	75	66	62 369	8 153,249	72 630,072	8,908	8,445
26	17	98 684	48 743,856	1 342 894,068	27,550	27,087	76	67	59 706	7 596,236	64 476,822	8,488	8,025
27	18	98 628	47 412,223	1 294 150,212	27,296	26,833	77	68	56 932	7 049,493	56 880,586	8,069	7,606
28	19	98 568	46 115,044	1 246 737,989	27,035	26,573	78	69	54 083	6 517,401	49 831,094	7,646	7,183
29	20	98 506	44 852,689	1 200 622,945	26,768	26,305	79	70	51 067	5 989,348	43 313,693	7,232	6,769
30	21	98 441	43 623,576	1 155 770,255	26,494	26,031	80	71	47 932	5 471,123	37 324,345	6,822	6,359
31	22	98 372	42 426,408	1 112 146,680	26,214	25,751	81	72	44 633	4 958,199	31 853,222	6,424	5,962
32	23	98 299	41 260,299	1 069 720,271	25,926	25,463	82	73	41 231	4 457,703	26 895,023	6,033	5,571
33	24	98 223	40 124,913	1 028 459,973	25,631	25,169	83	74	37 727	3 969,740	22 437,321	5,652	5,189
34	25	98 138	39 017,222	988 335,059	25,331	24,868	84	75	34 115	3 493,549	18 467,580	5,286	4,823
35	26	98 050	37 938,902	949 317,838	25,022	24,559	85	76	30 434	3 033,193	14 974,031	4,937	4,474
36	27	97 959	36 889,053	911 378,936	24,706	24,243	86	77	26 727	2 592,453	11 940,838	4,606	4,143
37	28	97 852	35 862,525	874 489,883	24,385	23,922	87	78	23 096	2 180,271	9 348,386	4,288	3,825
38	29	97 731	34 859,586	838 627,358	24,057	23,594	88	79	19 568	1 797,840	7 168,114	3,987	3,524
39	30	97 607	33 883,770	803 767,772	23,721	23,258	89	80	16 183	1 446,987	5 370,274	3,711	3,249
40	31	97 467	32 929,514	769 884,003	23,380	22,917	90	81	13 033	1 134,177	3 923,287	3,459	2,996
41	32	97 315	31 998,220	736 954,489	23,031	22,568	91	82	10 213	864,966	2 789,110	3,225	2,762
42	33	97 141	31 086,195	704 956,269	22,677	22,215	92	83	7 780	641,250	1 924,144	3,001	2,538
43	34	96 970	30 200,826	673 870,073	22,313	21,850	93	84	5 704	457,598	1 282,894	2,804	2,341
44	35	96 778	29 334,456	643 669,247	21,942	21,480	94	85	4 032	314,814	825,296	2,622	2,159
45	36	96 566	28 486,541	614 334,792	21,566	21,103	95	86	2 727	207,209	510,482	2,464	2,001
46	37	96 338	27 658,829	585 848,251	21,181	20,718	96	87	1 769	130,802	303,273	2,319	1,856
47	38	96 091	26 849,478	558 189,422	20,790	20,327	97	88	1 092	78,611	172,472	2,194	1,731
48	39	95 814	26 055,507	531 339,944	20,393	19,930	98	89	646	45,252	93,861	2,074	1,611
49	40	95 500	25 275,152	505 284,437	19,991	19,529	99	90	365	24,861	48,609	1,955	1,492
							100	91	193	12,780	23,748	1,858	1,395

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	40	95 220	24 526,447	482 119,726	19,657	19,194
1							51	41	94 853	23 778,254	457 593,279	19,244	18,781
2							52	42	94 445	23 042,152	433 815,025	18,827	18,364
3							53	43	93 992	22 317,819	410 772,873	18,406	17,943
4							54	44	93 483	21 603,093	388 455,054	17,981	17,519
5							55	45	92 927	20 899,821	366 851,961	17,553	17,090
6							56	46	92 299	20 203,032	345 952,139	17,124	16,661
7							57	47	91 606	19 514,645	325 749,107	16,693	16,230
8							58	48	90 840	18 833,584	306 234,462	16,260	15,797
9							59	49	90 002	18 160,354	287 400,877	15,826	15,363
10	0	99 558	75 902,517	2 339 306,485	30,820	30,357	60	50	89 070	17 491,220	269 240,524	15,393	14,930
11	1	99 262	73 651,952	2 263 403,968	30,731	30,268	61	51	88 056	16 829,354	251 749,303	14,959	14,496
12	2	99 233	71 659,837	2 189 752,015	30,558	30,095	62	52	86 942	16 171,782	234 919,949	14,527	14,064
13	3	99 212	69 726,596	2 118 092,179	30,377	29,914	63	53	85 731	15 519,688	218 748,167	14,095	13,632
14	4	99 192	67 847,363	2 048 365,583	30,191	29,728	64	54	84 411	14 871,695	203 228,479	13,665	13,203
15	5	99 171	66 017,262	1 980 518,220	30,000	29,537	65	55	82 989	14 229,808	188 356,784	13,237	12,774
16	6	99 149	64 236,026	1 914 500,958	29,804	29,341	66	56	81 460	13 593,911	174 126,976	12,809	12,346
17	7	99 119	62 497,954	1 850 264,933	29,605	29,142	67	57	79 821	12 963,838	160 533,065	12,383	11,920
18	8	99 088	60 806,145	1 787 766,979	29,401	28,938	68	58	78 083	12 342,222	147 569,227	11,956	11,494
19	9	99 042	59 151,623	1 726 960,834	29,195	28,733	69	59	76 230	11 726,852	135 227,004	11,531	11,069
20	10	98 997	57 542,201	1 667 809,211	28,984	28,521	70	60	74 277	11 120,600	123 500,152	11,106	10,643
21	11	98 951	55 975,921	1 610 267,011	28,767	28,304	71	61	72 233	10 525,094	112 379,552	10,677	10,214
22	12	98 903	54 451,560	1 554 291,089	28,544	28,082	72	62	70 038	9 932,158	101 854,458	10,255	9,792
23	13	98 856	52 968,655	1 499 839,529	28,316	27,853	73	63	67 780	9 354,648	91 922,300	9,826	9,364
24	14	98 806	51 525,268	1 446 870,874	28,081	27,618	74	64	65 381	8 782,031	82 567,652	9,402	8,939
25	15	98 752	50 118,652	1 395 345,606	27,841	27,378	75	65	62 873	8 219,115	73 785,621	8,977	8,514
26	16	98 697	48 750,088	1 345 226,954	27,594	27,132	76	66	60 233	7 663,350	65 566,506	8,556	8,093
27	17	98 641	47 418,371	1 296 476,866	27,341	26,878	77	67	57 470	7 116,084	57 903,156	8,137	7,674
28	18	98 584	46 122,531	1 249 058,494	27,081	26,618	78	68	54 640	6 584,590	50 787,072	7,713	7,250
29	19	98 522	44 860,063	1 202 935,964	26,815	26,352	79	69	51 664	6 059,310	44 202,482	7,295	6,832
30	20	98 457	43 630,717	1 158 075,901	26,543	26,080	80	70	48 541	5 540,668	38 143,171	6,884	6,421
31	21	98 389	42 433,613	1 114 445,184	26,263	25,800	81	71	45 258	5 027,653	32 602,503	6,485	6,022
32	22	98 316	41 267,222	1 072 011,570	25,977	25,514	82	72	41 856	4 525,347	27 574,850	6,093	5,631
33	23	98 239	40 131,477	1 030 744,348	25,684	25,221	83	73	38 369	4 037,309	23 049,503	5,709	5,246
34	24	98 154	39 023,632	990 612,871	25,385	24,922	84	74	34 747	3 558,282	19 012,194	5,343	4,880
35	25	98 069	37 946,279	951 589,239	25,077	24,614	85	75	31 059	3 095,474	15 453,912	4,992	4,530
36	26	97 976	36 895,629	913 642,959	24,763	24,300	86	76	27 332	2 651,173	12 358,439	4,661	4,199
37	27	97 872	35 870,049	876 747,331	24,442	23,980	87	77	23 662	2 233,744	9 707,266	4,346	3,883
38	28	97 754	34 867,884	840 877,282	24,116	23,653	88	78	20 116	1 848,123	7 473,522	4,044	3,581
39	29	97 632	33 892,133	806 009,398	23,782	23,319	89	79	16 697	1 492,983	5 625,399	3,768	3,305
40	30	97 495	32 938,829	772 117,265	23,441	22,978	90	80	13 509	1 175,632	4 132,416	3,515	3,052
41	31	97 347	32 008,527	739 178,436	23,093	22,630	91	81	10 643	901,396	2 956,784	3,280	2,817
42	32	97 174	31 096,641	707 169,909	22,741	22,278	92	82	8 163	672,877	2 055,388	3,055	2,592
43	33	97 004	30 211,407	676 073,269	22,378	21,915	93	83	6 037	484,331	1 382,511	2,854	2,392
44	34	96 815	29 345,660	645 861,862	22,009	21,546	94	84	4 307	336,263	898,180	2,671	2,208
45	35	96 611	28 499,849	616 516,202	21,632	21,169	95	85	2 944	223,694	561,917	2,512	2,049
46	36	96 384	27 672,024	588 016,353	21,249	20,787	96	86	1 934	142,996	338,223	2,365	1,902
47	37	96 139	26 863,042	560 344,329	20,859	20,396	97	87	1 212	87,257	195,227	2,237	1,775
48	38	95 867	26 069,952	533 481,287	20,463	20,001	98	88	729	51,034	107,970	2,116	1,653
49	39	95 562	25 291,608	507 411,334	20,062	19,600	99	89	419	28,537	56,935	1,995	1,532
							100	90	226	14,984	28,398	1,895	1,432

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	39	95 282	24 542,415	484 053,069	19,723	19,260
							51	40	94 914	23 793,318	459 510,653	19,313	18,850
							52	41	94 514	23 059,053	435 717,335	18,896	18,433
							53	42	94 067	22 335,841	412 658,282	18,475	18,012
							54	43	93 567	21 622,460	390 322,441	18,052	17,589
							55	44	93 015	20 919,608	368 699,981	17,625	17,162
							56	45	92 399	20 224,787	347 780,373	17,196	16,733
							57	46	91 715	19 537,782	327 555,585	16,765	16,302
							58	47	90 959	18 858,088	308 017,803	16,333	15,871
							59	48	90 139	18 187,947	289 159,716	15,898	15,436
							60	49	89 220	17 520,727	270 971,769	15,466	15,003
11	0	99 550	73 865,562	2 265 833,215	30,675	30,212	61	50	88 219	16 860,443	253 451,042	15,032	14,569
12	1	99 255	71 675,778	2 191 967,653	30,582	30,119	62	51	87 123	16 205,433	236 590,599	14,599	14,137
13	2	99 225	69 735,759	2 120 291,875	30,405	29,942	63	52	85 920	15 553,975	220 385,167	14,169	13,706
14	3	99 202	67 854,128	2 050 556,116	30,220	29,757	64	53	84 620	14 908,648	204 831,191	13,739	13,276
15	4	99 180	66 023,339	1 982 701,988	30,030	29,567	65	54	83 218	14 269,110	189 922,544	13,310	12,847
16	5	99 156	64 240,390	1 916 678,649	29,836	29,373	66	55	81 714	13 636,352	175 653,434	12,881	12,418
17	6	99 126	62 502,518	1 852 438,258	29,638	29,175	67	56	80 092	13 007,825	162 017,082	12,455	11,993
18	7	99 093	60 809,041	1 789 935,741	29,435	28,973	68	57	78 378	12 388,758	149 009,257	12,028	11,565
19	8	99 050	59 155,886	1 729 126,700	29,230	28,767	69	58	76 550	11 776,000	136 620,498	11,602	11,139
20	9	99 003	57 545,259	1 669 970,814	29,020	28,557	70	59	74 623	11 172,378	124 844,498	11,174	10,712
21	10	98 956	55 979,033	1 612 425,555	28,804	28,341	71	60	72 605	10 579,332	113 672,120	10,745	10,282
22	11	98 911	54 455,748	1 556 446,521	28,582	28,119	72	61	70 432	9 987,953	103 092,788	10,322	9,859
23	12	98 862	52 972,003	1 501 990,773	28,354	27,892	73	62	68 197	9 412,269	93 104,835	9,892	9,429
24	13	98 814	51 529,341	1 449 018,771	28,120	27,657	74	63	65 826	8 841,803	83 692,566	9,466	9,003
25	14	98 761	50 123,276	1 397 489,430	27,881	27,418	75	64	63 342	8 280,463	74 850,763	9,039	8,577
26	15	98 708	48 755,733	1 347 366,154	27,635	27,172	76	65	60 720	7 725,258	66 570,300	8,617	8,154
27	16	98 653	47 424,434	1 298 610,421	27,383	26,920	77	66	57 978	7 178,956	58 845,042	8,197	7,734
28	17	98 596	46 128,511	1 251 185,987	27,124	26,661	78	67	55 156	6 646,790	51 666,086	7,773	7,310
29	18	98 538	44 867,346	1 205 057,475	26,858	26,395	79	68	52 197	6 121,777	45 019,296	7,354	6,891
30	19	98 473	43 637,890	1 160 190,130	26,587	26,124	80	69	49 108	5 605,389	38 897,519	6,939	6,476
31	20	98 405	42 440,560	1 116 552,240	26,309	25,846	81	70	45 833	5 091,561	33 292,130	6,539	6,076
32	21	98 333	41 274,231	1 074 111,680	26,024	25,561	82	71	42 443	4 588,738	28 200,568	6,146	5,683
33	22	98 256	40 138,212	1 032 837,449	25,732	25,269	83	72	38 952	4 098,574	23 611,830	5,761	5,298
34	23	98 170	39 030,016	992 699,237	25,434	24,971	84	73	35 338	3 618,847	19 513,256	5,392	4,929
35	24	98 085	37 952,514	953 669,222	25,128	24,665	85	74	31 634	3 152,830	15 894,409	5,041	4,578
36	25	97 995	36 902,803	915 716,708	24,814	24,351	86	75	27 893	2 705,610	12 741,579	4,709	4,246
37	26	97 890	35 876,444	878 813,905	24,496	24,033	87	76	24 198	2 284,339	10 035,969	4,393	3,931
38	27	97 775	34 875,199	842 937,461	24,170	23,707	88	77	20 609	1 893,449	7 751,630	4,094	3,631
39	28	97 655	33 900,201	808 062,263	23,837	23,374	89	78	17 164	1 534,740	5 858,181	3,817	3,354
40	29	97 519	32 946,959	774 162,062	23,497	23,034	90	79	13 939	1 213,003	4 323,441	3,564	3,101
41	30	97 374	32 017,581	741 215,103	23,150	22,687	91	80	11 032	934,342	3 110,439	3,329	2,866
42	31	97 205	31 106,657	709 197,522	22,799	22,336	92	81	8 507	701,217	2 176,096	3,103	2,640
43	32	97 037	30 221,559	678 090,865	22,437	21,975	93	82	6 335	508,218	1 474,879	2,902	2,439
44	33	96 849	29 355,941	647 869,306	22,069	21,607	94	83	4 559	355,908	966,661	2,716	2,253
45	34	96 648	28 510,734	618 513,365	21,694	21,231	95	84	3 145	238,935	610,753	2,556	2,093
46	35	96 429	27 684,951	590 002,631	21,311	20,848	96	85	2 087	154,372	371,818	2,409	1,946
47	36	96 185	26 875,858	562 317,680	20,923	20,460	97	86	1 325	95,392	217,446	2,279	1,817
48	37	95 915	26 083,123	535 441,821	20,528	20,065	98	87	809	56,648	122,054	2,155	1,692
49	38	95 615	25 305,630	509 358,699	20,128	19,665	99	88	472	32,184	65,406	2,032	1,569
							100	89	259	17,200	33,222	1,932	1,469

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	24 556,022	485 822,654	19,784	19,321
1							51	39	94 975	23 808,809	461 266,632	19,374	18,911
2							52	40	94 574	23 073,662	437 457,823	18,959	18,496
3							53	41	94 136	22 352,224	414 384,161	18,539	18,076
4							54	42	93 643	21 639,920	392 031,937	18,116	17,653
5							55	43	93 099	20 938,362	370 392,017	17,690	17,227
6							56	44	92 486	20 243,935	349 453,654	17,262	16,799
7							57	45	91 814	19 558,820	329 209,719	16,832	16,369
8							58	46	91 066	18 880,446	309 650,899	16,401	15,938
9							59	47	90 256	18 211,610	290 770,453	15,966	15,503
10							60	48	89 356	17 547,348	272 558,843	15,533	15,070
11							61	49	88 368	16 888,885	255 011,495	15,099	14,637
12	0	99 543	71 883,657	2 194 205,949	30,524	30,062	62	50	87 284	16 235,369	238 122,610	14,667	14,204
13	1	99 247	69 751,273	2 122 322,293	30,427	29,964	63	51	86 099	15 586,341	221 887,241	14,236	13,773
14	2	99 215	67 863,045	2 052 571,020	30,246	29,783	64	52	84 807	14 941,585	206 300,900	13,807	13,344
15	3	99 190	66 029,922	1 984 707,975	30,058	29,595	65	53	83 425	14 304,564	191 359,315	13,378	12,915
16	4	99 165	64 246,304	1 918 678,052	29,864	29,402	66	54	81 940	13 674,014	177 054,751	12,948	12,485
17	5	99 133	62 506,764	1 854 431,748	29,668	29,205	67	55	80 342	13 048,437	163 380,736	12,521	12,058
18	6	99 100	60 813,481	1 791 924,983	29,466	29,003	68	56	78 644	12 430,794	150 332,299	12,094	11,631
19	7	99 054	59 158,704	1 731 111,502	29,262	28,799	69	57	76 838	11 820,401	137 901,505	11,666	11,204
20	8	99 010	57 549,407	1 671 952,798	29,052	28,590	70	58	74 936	11 219,202	126 081,104	11,238	10,775
21	9	98 962	55 982,009	1 614 403,392	28,838	28,375	71	59	72 943	10 628,590	114 861,902	10,807	10,344
22	10	98 916	54 458,776	1 558 421,383	28,617	28,154	72	60	70 795	10 039,423	104 233,312	10,382	9,920
23	11	98 869	52 976,077	1 503 962,607	28,389	27,927	73	61	68 581	9 465,143	94 193,889	9,952	9,489
24	12	98 820	51 532,598	1 450 986,531	28,157	27,694	74	62	66 231	8 896,265	84 728,746	9,524	9,061
25	13	98 769	50 127,238	1 399 453,933	27,918	27,455	75	63	63 773	8 336,821	75 832,481	9,096	8,633
26	14	98 717	48 760,231	1 349 326,695	27,673	27,210	76	64	61 173	7 782,920	67 495,659	8,672	8,209
27	15	98 665	47 429,925	1 300 566,464	27,421	26,958	77	65	58 446	7 236,951	59 712,740	8,251	7,788
28	16	98 609	46 134,409	1 253 136,539	27,163	26,700	78	66	55 644	6 705,516	52 475,789	7,826	7,363
29	17	98 551	44 873,164	1 207 002,130	26,898	26,435	79	67	52 690	6 179,605	45 770,273	7,407	6,944
30	18	98 489	43 644,974	1 162 128,966	26,627	26,164	80	68	49 614	5 663,176	39 590,668	6,991	6,528
31	19	98 421	42 447,537	1 118 483,992	26,350	25,887	81	69	46 368	5 151,037	33 927,492	6,587	6,124
32	20	98 349	41 280,988	1 076 036,455	26,066	25,603	82	70	42 982	4 647,067	28 776,455	6,192	5,730
33	21	98 273	40 145,028	1 034 755,467	25,775	25,313	83	71	39 497	4 155,987	24 129,388	5,806	5,343
34	22	98 187	39 036,565	994 610,439	25,479	25,016	84	72	35 874	3 673,762	19 973,401	5,437	4,974
35	23	98 102	37 958,722	955 573,874	25,174	24,711	85	73	32 173	3 206,494	16 299,639	5,083	4,620
36	24	98 011	36 908,866	917 615,152	24,862	24,399	86	74	28 410	2 755,743	13 093,145	4,751	4,288
37	25	97 909	35 883,420	880 706,285	24,544	24,081	87	75	24 695	2 331,244	10 337,402	4,434	3,971
38	26	97 792	34 881,416	844 822,866	24,220	23,757	88	76	21 076	1 936,337	8 006,158	4,135	3,672
39	27	97 675	33 907,313	809 941,450	23,887	23,424	89	77	17 585	1 572,380	6 069,822	3,860	3,397
40	28	97 542	32 954,802	776 034,137	23,548	23,086	90	78	14 329	1 246,928	4 497,442	3,607	3,144
41	29	97 398	32 025,484	743 079,335	23,203	22,740	91	79	11 383	964,043	3 250,513	3,372	2,909
42	30	97 233	31 115,456	711 053,851	22,852	22,389	92	80	8 818	726,847	2 286,471	3,146	2,683
43	31	97 068	30 231,293	679 938,395	22,491	22,028	93	81	6 602	529,623	1 559,624	2,945	2,482
44	32	96 882	29 365,805	649 707,102	22,125	21,662	94	82	4 783	373,462	1 030,001	2,758	2,295
45	33	96 681	28 520,723	620 341,297	21,751	21,288	95	83	3 328	252,894	656,539	2,596	2,133
46	34	96 466	27 695,525	591 820,574	21,369	20,906	96	84	2 230	164,890	403,646	2,448	1,985
47	35	96 230	26 888,414	564 125,049	20,980	20,517	97	85	1 431	102,981	238,755	2,318	1,856
48	36	95 961	26 095,567	537 236,635	20,587	20,124	98	86	884	61,929	135,774	2,192	1,730
49	37	95 663	25 318,414	511 141,068	20,189	19,726	99	87	524	35,724	73,845	2,067	1,604
							100	88	292	19,398	38,121	1,965	1,502

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	37	95 383	24 568,427	487 441,854	19,840	19,377
1							51	38	95 028	23 822,009	462 873,426	19,430	18,968
2							52	39	94 636	23 088,684	439 051,417	19,016	18,553
3							53	40	94 196	22 366,385	415 962,733	18,598	18,135
4							54	41	93 712	21 655,793	393 596,348	18,175	17,712
5							55	42	93 174	20 955,270	371 940,555	17,749	17,286
6							56	43	92 569	20 262,084	350 985,285	17,322	16,859
7							57	44	91 901	19 577,338	330 723,201	16,893	16,430
8							58	45	91 165	18 900,777	311 145,863	16,462	15,999
9							59	46	90 363	18 233,202	292 245,087	16,028	15,565
10							60	47	89 472	17 570,178	274 011,885	15,595	15,132
11							61	48	88 502	16 914,546	256 441,707	15,161	14,698
12							62	49	87 431	16 262,757	239 527,161	14,729	14,266
13	0	99 535	69 953,570	2 124 384,955	30,368	29,906	63	50	86 258	15 615,133	223 264,404	14,298	13,835
14	1	99 237	67 878,142	2 054 431,386	30,266	29,804	64	51	84 984	14 972,676	207 649,271	13,869	13,406
15	2	99 203	66 038,600	1 986 553,243	30,082	29,619	65	52	83 609	14 336,167	192 676,595	13,440	12,977
16	3	99 175	64 252,710	1 920 514,643	29,890	29,427	66	53	82 144	13 707,991	178 340,428	13,010	12,547
17	4	99 142	62 512,519	1 856 261,933	29,694	29,231	67	54	80 564	13 084,475	164 632,437	12,582	12,119
18	5	99 107	60 817,613	1 793 749,414	29,494	29,031	68	55	78 889	12 469,604	151 547,962	12,153	11,691
19	6	99 062	59 163,024	1 732 931,801	29,291	28,828	69	56	77 099	11 860,509	139 078,357	11,726	11,263
20	7	99 014	57 552,148	1 673 768,777	29,083	28,620	70	57	75 218	11 261,503	127 217,849	11,297	10,834
21	8	98 969	55 986,043	1 616 216,629	28,868	28,405	71	58	73 249	10 673,135	115 956,345	10,864	10,401
22	9	98 922	54 461,670	1 560 230,586	28,648	28,185	72	59	71 124	10 086,167	105 283,210	10,438	9,976
23	10	98 875	52 979,022	1 505 768,915	28,422	27,959	73	60	68 934	9 513,919	95 197,043	10,006	9,543
24	11	98 828	51 536,561	1 452 789,893	28,190	27,727	74	61	66 603	8 946,241	85 683,124	9,578	9,115
25	12	98 775	50 130,406	1 401 253,332	27,952	27,489	75	62	64 166	8 388,173	76 736,883	9,148	8,685
26	13	98 725	48 764,085	1 351 122,926	27,707	27,245	76	63	61 590	7 835,892	68 348,710	8,723	8,260
27	14	98 674	47 434,301	1 302 358,841	27,456	26,993	77	64	58 882	7 290,968	60 512,819	8,300	7,837
28	15	98 620	46 139,751	1 254 924,540	27,198	26,736	78	65	56 093	6 759,686	53 221,851	7,873	7,411
29	16	98 563	44 878,901	1 208 784,789	26,934	26,472	79	66	53 155	6 234,203	46 462,165	7,453	6,990
30	17	98 502	43 650,634	1 163 905,888	26,664	26,201	80	67	50 083	5 716,673	40 227,962	7,037	6,574
31	18	98 437	42 454,428	1 120 255,255	26,387	25,924	81	68	46 847	5 204,140	34 511,289	6,632	6,169
32	19	98 365	41 287,774	1 077 800,826	26,105	25,642	82	69	43 484	4 701,350	29 307,150	6,234	5,771
33	20	98 289	40 151,600	1 036 513,052	25,815	25,352	83	70	39 999	4 208,815	24 605,800	5,846	5,383
34	21	98 204	39 043,195	996 361,452	25,519	25,057	84	71	36 377	3 725,224	20 396,985	5,475	5,013
35	22	98 118	37 965,092	957 318,257	25,216	24,753	85	72	32 661	3 255,152	16 671,761	5,122	4,659
36	23	98 027	36 914,904	919 353,165	24,905	24,442	86	73	28 894	2 802,648	13 416,609	4,787	4,324
37	24	97 925	35 889,315	882 438,261	24,588	24,125	87	74	25 152	2 374,440	10 613,961	4,470	4,007
38	25	97 811	34 888,199	846 548,946	24,265	23,802	88	75	21 508	1 976,096	8 239,521	4,170	3,707
39	26	97 693	33 913,358	811 660,747	23,933	23,471	89	76	17 983	1 607,995	6 263,425	3,895	3,432
40	27	97 563	32 961,715	777 747,390	23,595	23,133	90	77	14 680	1 277,510	4 655,430	3,644	3,181
41	28	97 421	32 033,107	744 785,675	23,250	22,788	91	78	11 701	991,006	3 377,920	3,409	2,946
42	29	97 257	31 123,136	712 752,567	22,901	22,438	92	79	9 098	749,952	2 386,914	3,183	2,720
43	30	97 095	30 239,845	681 629,431	22,541	22,078	93	80	6 843	548,981	1 636,963	2,982	2,519
44	31	96 913	29 375,264	651 389,586	22,175	21,712	94	81	4 985	389,191	1 087,982	2,795	2,333
45	32	96 714	28 530,306	622 014,322	21,802	21,339	95	82	3 492	265,366	698,791	2,633	2,170
46	33	96 500	27 705,229	593 484,016	21,421	20,959	96	83	2 360	174,523	433,425	2,483	2,021
47	34	96 267	26 898,683	565 778,787	21,034	20,571	97	84	1 528	109,998	258,901	2,354	1,891
48	35	96 006	26 107,757	538 880,104	20,641	20,178	98	85	954	66,856	148,903	2,227	1,764
49	36	95 709	25 330,493	512 772,347	20,243	19,780	99	86	573	39,054	82,048	2,101	1,638
							100	87	325	21,531	42,993	1,997	1,534

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	24 580,149	488 923,419	19,891	19,428
1							51	37	95 076	23 834,044	464 343,270	19,482	19,020
2							52	38	94 688	23 101,485	440 509,226	19,068	18,606
3							53	39	94 257	22 380,947	417 407,741	18,650	18,187
4							54	40	93 771	21 669,512	395 026,794	18,230	17,767
5							55	41	93 242	20 970,641	373 357,282	17,804	17,341
6							56	42	92 644	20 278,446	352 386,641	17,377	16,915
7							57	43	91 983	19 594,889	332 108,196	16,949	16,486
8							58	44	91 251	18 918,671	312 513,307	16,519	16,056
9							59	45	90 460	18 252,836	293 594,636	16,085	15,622
10							60	46	89 578	17 591,009	275 341,801	15,652	15,190
11							61	47	88 617	16 936,553	257 750,792	15,219	14,756
12							62	48	87 564	16 287,466	240 814,239	14,785	14,322
13							63	49	86 404	15 641,475	224 526,772	14,355	13,892
14	0	99 525	68 075,006	2 056 332,545	30,207	29,744	64	50	85 141	15 000,335	208 885,298	13,925	13,463
15	1	99 225	66 053,291	1 988 257,539	30,101	29,638	65	51	83 783	14 365,999	193 884,962	13,496	13,033
16	2	99 188	64 261,154	1 922 204,248	29,912	29,450	66	52	82 325	13 738,276	179 518,964	13,067	12,604
17	3	99 152	62 518,752	1 857 943,093	29,718	29,255	67	53	80 764	13 116,987	165 780,688	12,639	12,176
18	4	99 116	60 823,212	1 795 424,341	29,519	29,056	68	54	79 107	12 504,044	152 663,702	12,209	11,746
19	5	99 068	59 167,044	1 734 601,129	29,317	28,854	69	55	77 340	11 897,538	140 159,658	11,781	11,318
20	6	99 022	57 556,350	1 675 434,085	29,109	28,647	70	56	75 474	11 299,714	128 262,120	11,351	10,888
21	7	98 973	55 988,710	1 617 877,735	28,896	28,434	71	57	73 525	10 713,378	116 962,405	10,917	10,455
22	8	98 929	54 465,596	1 561 889,025	28,677	28,214	72	58	71 422	10 128,439	106 249,027	10,490	10,027
23	9	98 880	52 981,838	1 507 423,429	28,452	27,989	73	59	69 255	9 558,216	96 120,589	10,056	9,594
24	10	98 833	51 539,426	1 454 441,591	28,220	27,757	74	60	66 947	8 992,343	86 562,372	9,626	9,163
25	11	98 783	50 134,262	1 402 902,165	27,983	27,520	75	61	64 526	8 435,294	77 570,030	9,196	8,733
26	12	98 731	48 767,167	1 352 767,903	27,739	27,276	76	62	61 969	7 884,158	69 134,736	8,769	8,306
27	13	98 682	47 438,050	1 304 000,736	27,488	27,026	77	63	59 283	7 340,592	61 250,578	8,344	7,881
28	14	98 629	46 144,008	1 256 562,685	27,231	26,769	78	64	56 512	6 810,141	53 909,986	7,916	7,453
29	15	98 575	44 884,097	1 210 418,678	26,968	26,505	79	65	53 585	6 284,566	47 099,845	7,495	7,032
30	16	98 515	43 656,215	1 165 534,581	26,698	26,235	80	66	50 525	5 767,180	40 815,280	7,077	6,614
31	17	98 450	42 459,934	1 121 878,366	26,422	25,959	81	67	47 289	5 253,300	35 048,100	6,672	6,209
32	18	98 381	41 294,477	1 079 418,432	26,140	25,677	82	68	43 933	4 749,817	29 794,800	6,273	5,810
33	19	98 305	40 158,201	1 038 123,955	25,851	25,388	83	69	40 466	4 257,979	25 044,983	5,882	5,419
34	20	98 220	39 049,586	997 965,755	25,556	25,094	84	70	36 839	3 772,577	20 787,004	5,510	5,047
35	21	98 135	37 971,539	958 916,168	25,254	24,791	85	71	33 118	3 300,750	17 014,427	5,155	4,692
36	22	98 044	36 921,099	920 944,629	24,944	24,481	86	72	29 332	2 845,177	13 713,677	4,820	4,357
37	23	97 941	35 895,186	884 023,530	24,628	24,165	87	73	25 581	2 414,855	10 868,500	4,501	4,038
38	24	97 827	34 893,931	848 128,344	24,306	23,843	88	74	21 907	2 012,711	8 453,645	4,200	3,737
39	25	97 712	33 919,952	813 234,413	23,975	23,512	89	75	18 352	1 641,012	6 440,934	3,925	3,462
40	26	97 580	32 967,591	779 314,461	23,639	23,176	90	76	15 013	1 306,446	4 799,921	3,674	3,211
41	27	97 442	32 039,828	746 346,870	23,294	22,832	91	77	11 988	1 015,310	3 493,475	3,441	2,978
42	28	97 280	31 130,545	714 307,042	22,946	22,483	92	78	9 353	770,926	2 478,165	3,215	2,752
43	29	97 119	30 247,308	683 176,497	22,586	22,124	93	79	7 061	566,432	1 707,238	3,014	2,551
44	30	96 940	29 383,573	652 929,189	22,221	21,758	94	80	5 167	403,416	1 140,806	2,828	2,365
45	31	96 745	28 539,496	623 545,615	21,849	21,386	95	81	3 639	276,543	737,390	2,666	2,204
46	32	96 532	27 714,538	595 006,119	21,469	21,006	96	82	2 476	183,131	460,847	2,516	2,054
47	33	96 301	26 908,107	567 291,581	21,083	20,620	97	83	1 618	116,424	277,716	2,385	1,923
48	34	96 042	26 117,729	540 383,474	20,690	20,227	98	84	1 019	71,411	161,293	2,259	1,796
49	35	95 754	25 342,326	514 265,745	20,293	19,830	99	85	618	42,161	89,882	2,132	1,669
							100	86	355	23,539	47,720	2,027	1,564

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	24 591,631	490 279,448	19,937	19,474
1							51	36	95 121	23 845,415	465 687,817	19,529	19,067
2							52	37	94 736	23 113,156	441 842,402	19,116	18,654
3							53	38	94 310	22 393,355	418 729,246	18,699	18,236
4							54	39	93 832	21 683,621	396 335,891	18,278	17,815
5							55	40	93 301	20 983,926	374 652,270	17,854	17,391
6							56	41	92 712	20 293,319	353 668,344	17,428	16,965
7							57	42	92 057	19 610,712	333 375,025	17,000	16,537
8							58	43	91 333	18 935,631	313 764,313	16,570	16,107
9							59	44	90 546	18 270,117	294 828,682	16,137	15,674
10							60	45	89 674	17 609,951	276 558,565	15,705	15,242
11							61	46	88 722	16 956,633	258 948,614	15,271	14,808
12							62	47	87 678	16 308,657	241 991,981	14,838	14,375
13							63	48	86 535	15 665,240	225 683,324	14,407	13,944
14							64	49	85 285	15 025,639	210 018,083	13,977	13,514
15	0	99 513	66 244,863	1 990 010,185	30,040	29,577	65	50	83 938	14 392,537	194 992,444	13,548	13,085
16	1	99 210	64 275,450	1 923 765,322	29,930	29,467	66	51	82 497	13 766,863	180 599,907	13,118	12,656
17	2	99 165	62 526,968	1 859 489,872	29,739	29,276	67	52	80 942	13 145,966	166 833,044	12,691	12,228
18	3	99 126	60 829,277	1 796 962,904	29,541	29,078	68	53	79 304	12 535,113	153 687,078	12,261	11,798
19	4	99 077	59 172,491	1 736 133,627	29,340	28,877	69	54	77 553	11 930,398	141 151,965	11,831	11,368
20	5	99 028	57 560,261	1 676 961,136	29,134	28,671	70	55	75 709	11 334,993	129 221,568	11,400	10,937
21	6	98 981	55 992,799	1 619 400,875	28,922	28,459	71	56	73 775	10 749,729	117 886,574	10,966	10,504
22	7	98 933	54 468,190	1 563 408,076	28,703	28,240	72	57	71 692	10 166,627	107 136,845	10,538	10,075
23	8	98 887	52 985,657	1 508 939,886	28,478	28,015	73	58	69 545	9 598,275	96 970,218	10,103	9,640
24	9	98 839	51 542,166	1 455 954,230	28,248	27,785	74	59	67 258	9 034,211	87 371,942	9,671	9,208
25	10	98 788	50 137,049	1 404 412,064	28,011	27,549	75	60	64 859	8 478,763	78 337,731	9,239	8,776
26	11	98 739	48 770,918	1 354 275,015	27,768	27,305	76	61	62 317	7 928,448	69 858,968	8,811	8,348
27	12	98 688	47 441,049	1 305 504,097	27,518	27,056	77	62	59 648	7 385,807	61 930,520	8,385	7,922
28	13	98 637	46 147,655	1 258 063,048	27,262	26,799	78	63	56 896	6 856,492	54 544,713	7,955	7,492
29	14	98 584	44 888,238	1 211 915,393	26,999	26,536	79	64	53 985	6 331,474	47 688,221	7,532	7,069
30	15	98 526	43 661,269	1 167 027,155	26,729	26,266	80	65	50 934	5 813,770	41 356,747	7,114	6,651
31	16	98 463	42 465,362	1 123 365,886	26,454	25,991	81	66	47 707	5 299,713	35 542,977	6,707	6,244
32	17	98 394	41 299,832	1 080 900,523	26,172	25,709	82	67	44 348	4 794,686	30 243,264	6,308	5,845
33	18	98 321	40 164,720	1 039 600,692	25,883	25,421	83	68	40 884	4 301,875	25 448,579	5,916	5,453
34	19	98 236	39 056,006	999 435,972	25,590	25,127	84	69	37 270	3 816,645	21 146,704	5,541	5,078
35	20	98 151	37 977,756	960 379,966	25,288	24,825	85	70	33 539	3 342,707	17 330,059	5,184	4,722
36	21	98 061	36 927,369	922 402,210	24,979	24,516	86	71	29 743	2 885,033	13 987,352	4,848	4,385
37	22	97 957	35 901,210	885 474,841	24,664	24,201	87	72	25 969	2 451,500	11 102,319	4,529	4,066
38	23	97 843	34 899,639	849 573,632	24,343	23,881	88	73	22 280	2 046,969	8 650,819	4,226	3,763
39	24	97 728	33 925,525	814 673,993	24,014	23,551	89	74	18 693	1 671,419	6 603,850	3,951	3,488
40	25	97 599	32 974,002	780 748,468	23,678	23,215	90	75	15 321	1 333,272	4 932,431	3,699	3,237
41	26	97 459	32 045,539	747 774,466	23,335	22,872	91	76	12 259	1 038,308	3 599,159	3,466	3,004
42	27	97 300	31 137,076	715 728,926	22,986	22,524	92	77	9 582	789,834	2 560,852	3,242	2,779
43	28	97 142	30 254,509	684 591,850	22,628	22,165	93	78	7 258	582,274	1 771,018	3,042	2,579
44	29	96 964	29 390,826	654 337,342	22,263	21,800	94	79	5 331	416,240	1 188,744	2,856	2,393
45	30	96 772	28 547,569	624 946,516	21,891	21,429	95	80	3 772	286,651	772,504	2,695	2,232
46	31	96 563	27 723,465	596 398,947	21,512	21,050	96	81	2 581	190,844	485,853	2,546	2,083
47	32	96 333	26 917,149	568 675,482	21,127	20,664	97	82	1 697	122,166	295,009	2,415	1,952
48	33	96 076	26 126,879	541 758,333	20,736	20,273	98	83	1 079	75,583	172,843	2,287	1,824
49	34	95 790	25 352,006	515 631,453	20,339	19,876	99	84	661	45,034	97,261	2,160	1,697
							100	85	383	25,411	52,227	2,055	1,592

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	24 601,024	491 519,153	19,980	19,517
1							51	35	95 166	23 856,554	466 918,129	19,572	19,109
2							52	36	94 781	23 124,183	443 061,575	19,160	18,697
3							53	37	94 357	22 404,668	419 937,392	18,743	18,280
4							54	38	93 884	21 695,643	397 532,724	18,323	17,860
5							55	39	93 362	20 997,588	375 837,082	17,899	17,436
6							56	40	92 771	20 306,176	354 839,494	17,474	17,012
7							57	41	92 125	19 625,096	334 533,318	17,046	16,583
8							58	42	91 406	18 950,922	314 908,222	16,617	16,154
9							59	43	90 627	18 286,496	295 957,300	16,184	15,722
10							60	44	89 759	17 626,624	277 670,804	15,753	15,290
11							61	45	88 818	16 974,892	260 044,181	15,319	14,857
12							62	46	87 782	16 327,993	243 069,289	14,887	14,424
13							63	47	86 648	15 685,622	226 741,296	14,455	13,993
14							64	48	85 414	15 048,469	211 055,674	14,025	13,562
15							65	49	84 079	14 416,816	196 007,205	13,596	13,133
16	0	99 497	64 461,866	1 925 381,385	29,869	29,406	66	50	82 649	13 792,294	181 590,389	13,166	12,703
17	1	99 187	62 540,878	1 860 919,519	29,755	29,292	67	51	81 111	13 173,320	167 798,095	12,738	12,275
18	2	99 139	60 837,271	1 798 378,641	29,560	29,098	68	52	79 479	12 562,807	154 624,774	12,308	11,845
19	3	99 087	59 178,391	1 737 541,370	29,361	28,898	69	53	77 746	11 960,042	142 061,968	11,878	11,415
20	4	99 037	57 565,560	1 678 362,979	29,156	28,693	70	54	75 918	11 366,299	130 101,926	11,446	10,983
21	5	98 987	55 996,603	1 620 797,419	28,945	28,482	71	55	74 005	10 783,291	118 735,627	11,011	10,548
22	6	98 941	54 472,167	1 564 800,816	28,727	28,264	72	56	71 935	10 201,123	107 952,336	10,582	10,120
23	7	98 892	52 988,180	1 510 328,649	28,503	28,040	73	57	69 807	9 634,465	97 751,213	10,146	9,683
24	8	98 846	51 545,880	1 457 340,468	28,273	27,810	74	58	67 540	9 072,074	88 116,747	9,713	9,250
25	9	98 793	50 139,714	1 405 794,588	28,038	27,575	75	59	65 161	8 518,241	79 044,673	9,279	8,817
26	10	98 744	48 773,629	1 355 654,874	27,795	27,332	76	60	62 638	7 969,305	70 526,432	8,850	8,387
27	11	98 695	47 444,697	1 306 881,244	27,545	27,083	77	61	59 983	7 427,297	62 557,127	8,423	7,960
28	12	98 643	46 150,572	1 259 436,547	27,290	26,827	78	62	57 247	6 898,725	55 129,830	7,991	7,528
29	13	98 592	44 891,786	1 213 285,975	27,027	26,564	79	63	54 352	6 374,567	48 231,105	7,566	7,103
30	14	98 535	43 665,298	1 168 394,189	26,758	26,295	80	64	51 314	5 857,164	41 856,538	7,146	6,683
31	15	98 474	42 470,279	1 124 728,891	26,483	26,020	81	65	48 092	5 342,527	35 999,373	6,738	6,275
32	16	98 406	41 305,112	1 082 258,612	26,202	25,739	82	66	44 739	4 837,047	30 656,847	6,338	5,875
33	17	98 333	40 169,929	1 040 953,500	25,914	25,451	83	67	41 270	4 342,512	25 819,799	5,946	5,483
34	18	98 252	39 062,346	1 000 783,572	25,620	25,157	84	68	37 654	3 855,991	21 477,287	5,570	5,107
35	19	98 167	37 983,999	961 721,225	25,319	24,856	85	69	33 931	3 381,754	17 621,296	5,211	4,748
36	20	98 077	36 933,414	923 737,226	25,011	24,548	86	70	30 121	2 921,705	14 239,542	4,874	4,411
37	21	97 974	35 907,307	886 803,812	24,697	24,234	87	71	26 333	2 485,840	11 317,837	4,553	4,090
38	22	97 860	34 905,495	850 896,506	24,377	23,914	88	72	22 618	2 078,032	8 831,997	4,250	3,787
39	23	97 744	33 931,075	815 991,010	24,048	23,586	89	73	19 011	1 699,868	6 753,965	3,973	3,510
40	24	97 615	32 979,420	782 059,936	23,714	23,251	90	74	15 605	1 357,976	5 054,097	3,722	3,259
41	25	97 478	32 051,771	749 080,516	23,371	22,908	91	75	12 511	1 059,627	3 696,121	3,488	3,025
42	26	97 318	31 142,627	717 028,745	23,024	22,561	92	76	9 799	807,724	2 636,494	3,264	2,801
43	27	97 163	30 260,856	685 886,119	22,666	22,203	93	77	7 436	596,555	1 828,770	3,066	2,603
44	28	96 987	29 397,822	655 625,263	22,302	21,839	94	78	5 480	427,881	1 232,215	2,880	2,417
45	29	96 796	28 554,615	626 227,440	21,931	21,468	95	79	3 892	295,763	804,334	2,720	2,257
46	30	96 591	27 731,307	597 672,825	21,552	21,089	96	80	2 675	197,819	508,571	2,571	2,108
47	31	96 364	26 925,819	569 941,518	21,167	20,704	97	81	1 769	127,311	310,752	2,441	1,978
48	32	96 108	26 135,658	543 015,699	20,777	20,314	98	82	1 132	79,311	183,440	2,313	1,850
49	33	95 824	25 360,888	516 880,040	20,381	19,918	99	83	699	47,665	104,130	2,185	1,722
							100	84	409	27,143	56,465	2,080	1,617

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	24 609,643	492 652,157	20,019	19,556
1							51	34	95 202	23 865,666	468 042,514	19,612	19,149
2							52	35	94 825	23 134,985	444 176,848	19,199	18,737
3							53	36	94 402	22 415,357	421 041,863	18,784	18,321
4							54	37	93 931	21 706,603	398 626,506	18,364	17,901
5							55	38	93 414	21 009,229	376 919,903	17,941	17,478
6							56	39	92 831	20 319,397	355 910,673	17,516	17,053
7							57	40	92 183	19 637,529	335 591,277	17,089	16,626
8							58	41	91 473	18 964,822	315 953,748	16,660	16,197
9							59	42	90 700	18 301,262	296 988,926	16,228	15,765
10							60	43	89 840	17 642,426	278 687,664	15,796	15,334
11							61	44	88 902	16 990,963	261 045,238	15,364	14,901
12							62	45	87 877	16 345,575	244 054,275	14,931	14,468
13							63	46	86 750	15 704,219	227 708,700	14,500	14,037
14							64	47	85 525	15 068,048	212 004,481	14,070	13,607
15							65	48	84 207	14 438,721	196 936,433	13,639	13,177
16							66	49	82 788	13 815,560	182 497,712	13,210	12,747
17	0	99 475	62 722,263	1 862 409,940	29,693	29,230	67	50	81 260	13 197,656	168 682,152	12,781	12,318
18	1	99 161	60 850,805	1 799 687,677	29,575	29,113	68	51	79 644	12 588,948	155 484,496	12,351	11,888
19	2	99 100	59 186,168	1 738 836,872	29,379	28,916	69	52	77 918	11 986,465	142 895,548	11,921	11,459
20	3	99 047	57 571,300	1 679 650,704	29,175	28,712	70	53	76 107	11 394,541	130 909,083	11,489	11,026
21	4	98 997	56 001,758	1 622 079,403	28,965	28,502	71	54	74 209	10 813,073	119 514,542	11,053	10,590
22	5	98 947	54 475,869	1 566 077,645	28,748	28,285	72	55	72 160	10 232,972	108 701,469	10,623	10,160
23	6	98 899	52 992,050	1 511 601,777	28,525	28,062	73	56	70 044	9 667,156	98 468,497	10,186	9,723
24	7	98 850	51 548,336	1 458 609,727	28,296	27,833	74	57	67 795	9 106,280	88 801,341	9,752	9,289
25	8	98 800	50 143,328	1 407 061,392	28,061	27,598	75	58	65 434	8 553,941	79 695,061	9,317	8,854
26	9	98 750	48 776,222	1 356 918,064	27,819	27,356	76	59	62 930	8 006,410	71 141,120	8,886	8,423
27	10	98 701	47 447,335	1 308 141,842	27,570	27,108	77	60	60 293	7 465,572	63 134,710	8,457	7,994
28	11	98 651	46 154,121	1 260 694,507	27,315	26,852	78	61	57 568	6 937,479	55 669,138	8,024	7,562
29	12	98 598	44 894,624	1 214 540,386	27,053	26,590	79	62	54 687	6 413,832	48 731,658	7,598	7,135
30	13	98 543	43 668,749	1 169 645,762	26,785	26,322	80	63	51 663	5 897,029	42 317,826	7,176	6,713
31	14	98 483	42 474,197	1 125 977,013	26,510	26,047	81	64	48 451	5 382,404	36 420,797	6,767	6,304
32	15	98 418	41 309,895	1 083 502,816	26,229	25,766	82	65	45 101	4 876,123	31 038,393	6,365	5,903
33	16	98 346	40 175,065	1 042 192,921	25,941	25,478	83	66	41 634	4 380,879	26 162,270	5,972	5,509
34	17	98 265	39 067,412	1 002 017,857	25,648	25,186	84	67	38 010	3 892,416	21 781,391	5,596	5,133
35	18	98 183	37 990,166	962 950,445	25,347	24,885	85	68	34 281	3 416,617	17 888,975	5,236	4,773
36	19	98 093	36 939,486	924 960,279	25,040	24,577	86	69	30 473	2 955,834	14 472,358	4,896	4,433
37	20	97 990	35 913,185	888 020,794	24,727	24,264	87	70	26 667	2 517,439	11 516,524	4,575	4,112
38	21	97 876	34 911,423	852 107,609	24,408	23,945	88	71	22 935	2 107,141	8 999,086	4,271	3,808
39	22	97 760	33 936,769	817 196,186	24,080	23,617	89	72	19 299	1 725,663	6 891,945	3,994	3,531
40	23	97 631	32 984,814	783 259,417	23,746	23,283	90	73	15 870	1 381,090	5 166,282	3,741	3,278
41	24	97 494	32 057,037	750 274,603	23,404	22,942	91	74	12 743	1 079,262	3 785,192	3,507	3,044
42	25	97 337	31 148,683	718 217,566	23,058	22,595	92	75	10 000	824,309	2 705,930	3,283	2,820
43	26	97 180	30 266,251	687 068,883	22,701	22,238	93	76	7 605	610,067	1 881,621	3,084	2,621
44	27	97 008	29 403,990	656 802,633	22,337	21,874	94	77	5 615	438,375	1 271,554	2,901	2,438
45	28	96 819	28 561,413	627 398,643	21,967	21,504	95	78	4 001	304,035	833,179	2,740	2,278
46	29	96 614	27 738,152	598 837,230	21,589	21,126	96	79	2 760	204,108	529,144	2,592	2,130
47	30	96 391	26 933,436	571 099,078	21,204	20,741	97	80	1 834	131,965	325,037	2,463	2,000
48	31	96 139	26 144,077	544 165,643	20,814	20,351	98	81	1 180	82,651	193,072	2,336	1,873
49	32	95 856	25 369,409	518 021,566	20,419	19,956	99	82	734	50,016	110,421	2,208	1,745
							100	83	433	28,729	60,405	2,103	1,640

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	32	95 575	24 617,912	493 687,645	20,054	19,591
							51	33	95 236	23 874,027	469 069,733	19,648	19,185
							52	34	94 862	23 143,821	445 195,706	19,236	18,773
							53	35	94 446	22 425,828	422 051,885	18,820	18,357
							54	36	93 976	21 716,959	399 626,056	18,402	17,939
							55	37	93 461	21 019,843	377 909,097	17,979	17,516
							56	38	92 883	20 330,662	356 889,254	17,554	17,091
							57	39	92 243	19 650,314	336 558,592	17,127	16,665
							58	40	91 531	18 976,837	316 908,278	16,700	16,237
							59	41	90 767	18 314,686	297 931,441	16,267	15,805
							60	42	89 912	17 656,672	279 616,756	15,836	15,374
							61	43	88 981	17 006,195	261 960,084	15,404	14,941
							62	44	87 960	16 361,050	244 953,888	14,972	14,509
							63	45	86 844	15 721,129	228 592,838	14,540	14,078
							64	46	85 627	15 085,913	212 871,709	14,111	13,648
							65	47	84 316	14 457,507	197 785,796	13,680	13,218
							66	48	82 914	13 836,552	183 328,289	13,250	12,787
							67	49	81 398	13 219,919	169 491,737	12,821	12,358
18	0	99 448	61 027,288	1 801 062,505	29,512	29,050	68	50	79 791	12 612,203	156 271,819	12,391	11,928
19	1	99 122	59 199,335	1 740 035,216	29,393	28,930	69	51	78 080	12 011,407	143 659,615	11,960	11,497
20	2	99 060	57 578,866	1 680 835,882	29,192	28,729	70	52	76 275	11 419,715	131 648,208	11,528	11,065
21	3	99 006	56 007,342	1 623 257,015	28,983	28,520	71	53	74 394	10 839,941	120 228,493	11,091	10,628
22	4	98 957	54 480,884	1 567 249,673	28,767	28,304	72	54	72 359	10 261,235	109 388,553	10,660	10,198
23	5	98 906	52 995,650	1 512 768,790	28,545	28,082	73	55	70 263	9 697,337	99 127,318	10,222	9,759
24	6	98 858	51 552,100	1 459 773,139	28,316	27,854	74	56	68 025	9 137,178	89 429,981	9,787	9,325
25	7	98 805	50 145,716	1 408 221,040	28,083	27,620	75	57	65 681	8 586,193	80 292,802	9,351	8,889
26	8	98 757	48 779,737	1 358 075,324	27,841	27,378	76	58	63 194	8 039,966	71 706,609	8,919	8,456
27	9	98 706	47 449,857	1 309 295,586	27,593	27,130	77	59	60 573	7 500,332	63 666,643	8,489	8,026
28	10	98 657	46 156,687	1 261 845,729	27,338	26,875	78	60	57 865	6 973,230	56 166,311	8,055	7,592
29	11	98 605	44 898,077	1 215 689,042	27,077	26,614	79	61	54 994	6 449,862	49 193,082	7,627	7,164
30	12	98 549	43 671,509	1 170 790,966	26,809	26,346	80	62	51 981	5 933,353	42 743,219	7,204	6,741
31	13	98 491	42 477,555	1 127 119,456	26,534	26,072	81	63	48 781	5 419,037	36 809,866	6,793	6,330
32	14	98 427	41 313,706	1 084 641,902	26,254	25,791	82	64	45 437	4 912,519	31 390,829	6,390	5,927
33	15	98 357	40 179,716	1 043 328,196	25,967	25,504	83	65	41 971	4 416,269	26 478,310	5,996	5,533
34	16	98 277	39 072,407	1 003 148,480	25,674	25,211	84	66	38 345	3 926,806	22 062,041	5,618	5,155
35	17	98 195	37 995,092	964 076,073	25,374	24,911	85	67	34 605	3 448,891	18 135,235	5,258	4,795
36	18	98 109	36 945,483	926 080,981	25,066	24,603	86	68	30 787	2 986,306	14 686,343	4,918	4,455
37	19	98 006	35 919,089	889 135,499	24,754	24,291	87	69	26 979	2 546,845	11 700,037	4,594	4,131
38	20	97 892	34 917,138	853 216,410	24,435	23,973	88	70	23 226	2 133,925	9 153,192	4,289	3,827
39	21	97 777	33 942,532	818 299,271	24,108	23,646	89	71	19 570	1 749,836	7 019,267	4,011	3,549
40	22	97 647	32 990,350	784 356,739	23,775	23,313	90	72	16 111	1 402,048	5 269,430	3,758	3,296
41	23	97 510	32 062,281	751 366,390	23,435	22,972	91	73	12 960	1 097,632	3 867,383	3,523	3,061
42	24	97 353	31 153,800	719 304,109	23,089	22,626	92	74	10 186	839,583	2 769,751	3,299	2,836
43	25	97 199	30 272,136	688 150,309	22,732	22,269	93	75	7 761	622,593	1 930,168	3,100	2,637
44	26	97 025	29 409,232	657 878,173	22,370	21,907	94	76	5 742	448,305	1 307,575	2,917	2,454
45	27	96 840	28 567,405	628 468,942	22,000	21,537	95	77	4 099	311,491	859,270	2,759	2,296
46	28	96 637	27 744,755	599 901,537	21,622	21,159	96	78	2 837	209,816	547,779	2,611	2,148
47	29	96 415	26 940,083	572 156,782	21,238	20,775	97	79	1 892	136,160	337,963	2,482	2,019
48	30	96 167	26 151,472	545 216,699	20,848	20,386	98	80	1 223	85,672	201,803	2,356	1,893
49	31	95 887	25 377,581	519 065,226	20,454	19,991	99	81	765	52,122	116,131	2,228	1,765
							100	82	454	30,145	64,009	2,123	1,661

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	24 625,842	494 634,017	20,086	19,623
1							51	32	95 268	23 882,050	470 008,175	19,680	19,218
2							52	33	94 895	23 151,930	446 126,125	19,270	18,807
3							53	34	94 482	22 434,394	422 974,196	18,854	18,391
4							54	35	94 020	21 727,104	400 539,802	18,435	17,972
5							55	36	93 506	21 029,871	378 812,698	18,013	17,550
6							56	37	92 929	20 340,933	357 782,827	17,589	17,126
7							57	38	92 294	19 661,209	337 441,894	17,163	16,700
8							58	39	91 591	18 989,192	317 780,685	16,735	16,272
9							59	40	90 824	18 326,289	298 791,493	16,304	15,841
10							60	41	89 978	17 669,623	280 465,205	15,873	15,410
11							61	42	89 053	17 019,928	262 795,582	15,440	14,978
12							62	43	88 039	16 375,718	245 775,654	15,009	14,546
13							63	44	86 926	15 736,013	229 399,936	14,578	14,115
14							64	45	85 719	15 102,158	213 663,923	14,148	13,685
15							65	46	84 416	14 474,647	198 561,765	13,718	13,255
16							66	47	83 022	13 854,554	184 087,118	13,287	12,824
17							67	48	81 521	13 240,005	170 232,564	12,857	12,395
18							68	49	79 926	12 633,479	156 992,558	12,427	11,964
19	0	99 410	59 371,028	1 741 303,667	29,329	28,866	69	50	78 224	12 033,595	144 359,079	11,996	11,534
20	1	99 082	57 591,675	1 681 932,639	29,204	28,742	70	51	76 434	11 443,478	132 325,484	11,563	11,101
21	2	99 019	56 014,703	1 624 340,964	28,998	28,536	71	52	74 558	10 863,889	120 882,006	11,127	10,664
22	3	98 966	54 486,316	1 568 326,261	28,784	28,321	72	53	72 539	10 286,731	110 018,117	10,695	10,232
23	4	98 915	53 000,529	1 513 839,945	28,563	28,100	73	54	70 457	9 724,120	99 731,386	10,256	9,793
24	5	98 864	51 555,603	1 460 839,416	28,335	27,872	74	55	68 237	9 165,706	90 007,266	9,820	9,357
25	6	98 812	50 149,378	1 409 283,814	28,102	27,639	75	56	65 904	8 615,327	80 841,560	9,383	8,921
26	7	98 762	48 782,061	1 359 134,436	27,861	27,399	76	57	63 432	8 070,280	72 226,233	8,950	8,487
27	8	98 713	47 453,277	1 310 352,375	27,614	27,151	77	58	60 827	7 531,766	64 155,953	8,518	8,055
28	9	98 662	46 159,140	1 262 899,098	27,360	26,897	78	59	58 135	7 005,697	56 624,187	8,083	7,620
29	10	98 611	44 900,573	1 216 739,958	27,099	26,636	79	60	55 277	6 483,100	49 618,490	7,654	7,191
30	11	98 557	43 674,868	1 171 839,385	26,831	26,368	80	61	52 273	5 966,684	43 135,390	7,229	6,767
31	12	98 497	42 480,239	1 128 164,517	26,557	26,095	81	62	49 081	5 452,417	37 168,706	6,817	6,354
32	13	98 434	41 316,971	1 085 684,278	26,277	25,814	82	63	45 747	4 945,954	31 716,289	6,413	5,950
33	14	98 367	40 183,423	1 044 367,306	25,990	25,527	83	64	42 284	4 449,233	26 770,335	6,017	5,554
34	15	98 288	39 076,931	1 004 183,883	25,698	25,235	84	65	38 655	3 958,529	22 321,102	5,639	5,176
35	16	98 208	37 999,950	965 106,952	25,398	24,935	85	66	34 910	3 479,363	18 362,574	5,278	4,815
36	17	98 121	36 950,273	927 107,003	25,091	24,628	86	67	31 078	3 014,516	14 883,211	4,937	4,474
37	18	98 022	35 924,920	890 156,729	24,778	24,315	87	68	27 257	2 573,101	11 868,695	4,613	4,150
38	19	97 908	34 922,879	854 231,809	24,461	23,998	88	69	23 498	2 158,852	9 295,594	4,306	3,843
39	20	97 793	33 948,089	819 308,931	24,134	23,671	89	70	19 818	1 772,079	7 136,742	4,027	3,565
40	21	97 664	32 995,952	785 360,842	23,802	23,339	90	71	16 337	1 421,688	5 364,663	3,773	3,311
41	22	97 526	32 067,661	752 364,890	23,462	22,999	91	72	13 157	1 114,288	3 942,975	3,539	3,076
42	23	97 369	31 158,896	720 297,229	23,117	22,654	92	73	10 359	853,873	2 828,687	3,313	2,850
43	24	97 215	30 277,109	689 138,332	22,761	22,298	93	74	7 905	634,130	1 974,814	3,114	2,651
44	25	97 044	29 414,950	658 861,223	22,399	21,936	94	75	5 860	457,510	1 340,685	2,930	2,468
45	26	96 857	28 572,497	629 446,273	22,030	21,567	95	76	4 192	318,547	883,175	2,773	2,310
46	27	96 658	27 750,575	600 873,775	21,653	21,190	96	77	2 907	214,962	564,628	2,627	2,164
47	28	96 438	26 946,496	573 123,200	21,269	20,806	97	78	1 945	139,968	349,666	2,498	2,035
48	29	96 190	26 157,927	546 176,703	20,880	20,417	98	79	1 262	88,395	209,698	2,372	1,909
49	30	95 914	25 384,760	520 018,776	20,485	20,023	99	80	793	54,027	121,303	2,245	1,782
							100	81	474	31,415	67,276	2,142	1,679

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	24 632,808	495 498,321	20,115	19,653
1							51	31	95 298	23 889,742	470 865,513	19,710	19,247
2							52	32	94 927	23 159,709	446 975,771	19,300	18,837
3							53	33	94 516	22 442,254	423 816,062	18,885	18,422
4							54	34	94 056	21 735,402	401 373,808	18,466	18,004
5							55	35	93 549	21 039,696	379 638,406	18,044	17,581
6							56	36	92 974	20 350,637	358 598,710	17,621	17,158
7							57	37	92 341	19 671,141	338 248,073	17,195	16,732
8							58	38	91 642	18 999,720	318 576,932	16,767	16,305
9							59	39	90 884	18 338,220	299 577,212	16,336	15,873
10							60	40	90 035	17 680,817	281 238,992	15,906	15,444
11							61	41	89 118	17 032,412	263 558,175	15,474	15,011
12							62	42	88 110	16 388,941	246 525,763	15,042	14,579
13							63	43	87 004	15 750,120	230 136,822	14,612	14,149
14							64	44	85 800	15 116,456	214 386,701	14,182	13,720
15							65	45	84 507	14 490,234	199 270,246	13,752	13,289
16							66	46	83 120	13 870,980	184 780,012	13,321	12,859
17							67	47	81 627	13 257,231	170 909,032	12,892	12,429
18							68	48	80 047	12 652,675	157 651,800	12,460	11,997
19							69	49	78 356	12 053,895	144 999,126	12,029	11,566
20	0	99 370	57 758,706	1 683 103,202	29,140	28,677	70	50	76 575	11 464,617	132 945,231	11,596	11,133
21	1	99 041	56 027,164	1 625 344,496	29,010	28,547	71	51	74 713	10 886,495	121 480,614	11,159	10,696
22	2	98 979	54 493,477	1 569 317,332	28,798	28,335	72	52	72 699	10 309,457	110 594,118	10,727	10,265
23	3	98 925	53 005,814	1 514 823,855	28,578	28,116	73	53	70 632	9 748,282	100 284,661	10,287	9,825
24	4	98 873	51 560,349	1 461 818,042	28,352	27,889	74	54	68 426	9 191,020	90 536,379	9,851	9,388
25	5	98 819	50 152,785	1 410 257,693	28,119	27,656	75	55	66 109	8 642,225	81 345,359	9,413	8,950
26	6	98 769	48 785,623	1 360 104,907	27,879	27,416	76	56	63 647	8 097,663	72 703,134	8,978	8,515
27	7	98 718	47 455,537	1 311 319,284	27,633	27,170	77	57	61 057	7 560,164	64 605,471	8,546	8,083
28	8	98 669	46 162,467	1 263 863,747	27,379	26,916	78	58	58 378	7 035,059	57 045,307	8,109	7,646
29	9	98 616	44 902,959	1 217 701,280	27,119	26,656	79	59	55 535	6 513,286	50 010,248	7,678	7,215
30	10	98 562	43 677,296	1 172 798,321	26,851	26,389	80	60	52 543	5 997,432	43 496,962	7,253	6,790
31	11	98 505	42 483,507	1 129 121,025	26,578	26,115	81	61	49 357	5 483,046	37 499,531	6,839	6,376
32	12	98 441	41 319,583	1 086 637,518	26,298	25,836	82	62	46 029	4 976,420	32 016,485	6,434	5,971
33	13	98 374	40 186,599	1 045 317,935	26,012	25,549	83	63	42 572	4 479,515	27 040,065	6,036	5,574
34	14	98 298	39 080,536	1 005 131,336	25,719	25,257	84	64	38 944	3 988,075	22 560,550	5,657	5,194
35	15	98 219	38 004,350	966 050,800	25,419	24,957	85	65	35 192	3 507,471	18 572,475	5,295	4,832
36	16	98 134	36 954,998	928 046,451	25,113	24,650	86	66	31 353	3 041,150	15 065,004	4,954	4,491
37	17	98 035	35 929,579	891 091,453	24,801	24,338	87	67	27 514	2 597,408	12 023,855	4,629	4,166
38	18	97 924	34 928,548	855 161,874	24,483	24,020	88	68	23 740	2 181,108	9 426,447	4,322	3,859
39	19	97 809	33 953,670	820 233,326	24,157	23,695	89	69	20 050	1 792,779	7 245,339	4,041	3,579
40	20	97 680	33 001,354	786 279,657	23,826	23,363	90	70	16 545	1 439,759	5 452,560	3,787	3,324
41	21	97 543	32 073,107	753 278,303	23,486	23,023	91	71	13 341	1 129,897	4 012,801	3,551	3,089
42	22	97 385	31 164,125	721 205,196	23,142	22,679	92	72	10 516	866,831	2 882,904	3,326	2,863
43	23	97 231	30 282,062	690 041,071	22,787	22,324	93	73	8 039	644,923	2 016,074	3,126	2,663
44	24	97 060	29 419,783	659 759,008	22,426	21,963	94	74	5 969	465,987	1 371,151	2,942	2,480
45	25	96 876	28 578,053	630 339,225	22,057	21,594	95	75	4 278	325,088	905,164	2,784	2,322
46	26	96 675	27 755,523	601 761,172	21,681	21,218	96	76	2 973	219,831	580,076	2,639	2,176
47	27	96 458	26 952,150	574 005,649	21,297	20,834	97	77	1 992	143,400	360,245	2,512	2,049
48	28	96 213	26 164,154	547 053,500	20,909	20,446	98	78	1 297	90,867	216,845	2,386	1,924
49	29	95 938	25 391,025	520 889,346	20,515	20,052	99	79	818	55,745	125,977	2,260	1,797
							100	80	491	32,563	70,233	2,157	1,694

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	24 638,888	496 287,050	20,142	19,680
1							51	30	95 325	23 896,500	471 648,163	19,737	19,274
2							52	31	94 957	23 167,169	447 751,663	19,327	18,864
3							53	32	94 547	22 449,795	424 584,494	18,913	18,450
4							54	33	94 089	21 743,017	402 134,699	18,495	18,032
5							55	34	93 585	21 047,731	380 391,682	18,073	17,610
6							56	35	93 017	20 360,144	359 343,950	17,649	17,187
7							57	36	92 385	19 680,526	338 983,806	17,224	16,762
8							58	37	91 688	19 009,318	319 303,280	16,797	16,334
9							59	38	90 934	18 348,387	300 293,962	16,366	15,903
10							60	39	90 094	17 692,329	281 945,575	15,936	15,473
11							61	40	89 175	17 043,202	264 253,246	15,505	15,042
12							62	41	88 174	16 400,962	247 210,044	15,073	14,610
13							63	42	87 074	15 762,839	230 809,082	14,643	14,180
14							64	43	85 877	15 130,008	215 046,243	14,213	13,750
15							65	44	84 587	14 503,952	199 916,235	13,784	13,321
16							66	45	83 210	13 885,917	185 412,283	13,353	12,890
17							67	46	81 724	13 272,949	171 526,366	12,923	12,460
18							68	47	80 151	12 669,136	158 253,417	12,491	12,028
19							69	48	78 475	12 072,210	145 584,281	12,059	11,597
20							70	49	76 704	11 483,957	133 512,071	11,626	11,163
21	0	99 329	56 189,657	1 626 424,984	28,945	28,482	71	50	74 851	10 906,606	122 028,114	11,188	10,726
22	1	99 001	54 505,599	1 570 235,327	28,809	28,346	72	51	72 850	10 330,910	111 121,508	10,756	10,293
23	2	98 938	53 012,780	1 515 729,728	28,592	28,129	73	52	70 788	9 769,819	100 790,599	10,317	9,854
24	3	98 883	51 565,490	1 462 716,948	28,366	27,903	74	53	68 596	9 213,857	91 020,780	9,879	9,416
25	4	98 828	50 157,402	1 411 151,458	28,134	27,672	75	54	66 292	8 666,094	81 806,922	9,440	8,977
26	5	98 775	48 788,938	1 360 994,056	27,896	27,433	76	55	63 846	8 122,945	73 140,829	9,004	8,541
27	6	98 725	47 459,002	1 312 205,118	27,649	27,186	77	56	61 264	7 585,817	65 017,884	8,571	8,108
28	7	98 674	46 164,666	1 264 746,115	27,396	26,934	78	57	58 598	7 061,584	57 432,068	8,133	7,670
29	8	98 623	44 906,196	1 218 581,449	27,136	26,673	79	58	55 767	6 540,583	50 370,484	7,701	7,238
30	9	98 568	43 679,618	1 173 675,254	26,870	26,407	80	59	52 787	6 025,356	43 829,900	7,274	6,811
31	10	98 510	42 485,869	1 129 995,636	26,597	26,134	81	60	49 612	5 511,301	37 804,544	6,859	6,397
32	11	98 448	41 322,761	1 087 509,768	26,317	25,855	82	61	46 287	5 004,375	32 293,243	6,453	5,990
33	12	98 381	40 189,139	1 046 187,007	26,032	25,569	83	62	42 834	4 507,107	27 288,868	6,055	5,592
34	13	98 305	39 083,625	1 005 997,868	25,740	25,277	84	63	39 209	4 015,219	22 781,761	5,674	5,211
35	14	98 228	38 007,856	966 914,243	25,440	24,977	85	64	35 455	3 533,651	18 766,542	5,311	4,848
36	15	98 145	36 959,277	928 906,387	25,133	24,670	86	65	31 606	3 065,717	15 232,891	4,969	4,506
37	16	98 047	35 934,172	891 947,111	24,822	24,359	87	66	27 757	2 620,356	12 167,174	4,643	4,181
38	17	97 937	34 933,077	856 012,938	24,504	24,042	88	67	23 964	2 201,711	9 546,818	4,336	3,873
39	18	97 825	33 959,182	821 079,861	24,178	23,716	89	68	20 256	1 811,261	7 345,107	4,055	3,592
40	19	97 696	33 006,779	787 120,679	23,847	23,384	90	69	16 738	1 456,577	5 533,846	3,799	3,336
41	20	97 559	32 078,358	754 113,900	23,508	23,046	91	70	13 510	1 144,259	4 077,268	3,563	3,100
42	21	97 401	31 169,418	722 035,542	23,165	22,702	92	71	10 664	878,973	2 933,009	3,337	2,874
43	22	97 247	30 287,144	690 866,125	22,811	22,348	93	72	8 161	654,710	2 054,036	3,137	2,675
44	23	97 076	29 424,596	660 578,981	22,450	21,987	94	73	6 070	473,919	1 399,326	2,953	2,490
45	24	96 892	28 582,749	631 154,385	22,082	21,619	95	74	4 358	331,111	925,408	2,795	2,332
46	25	96 694	27 760,920	602 571,637	21,706	21,243	96	75	3 034	224,345	594,297	2,649	2,186
47	26	96 475	26 956,954	574 810,717	21,323	20,860	97	76	2 038	146,649	369,952	2,523	2,060
48	27	96 233	26 169,643	547 853,762	20,935	20,472	98	77	1 329	93,096	223,303	2,399	1,936
49	28	95 961	25 397,069	521 684,120	20,541	20,078	99	78	841	57,304	130,207	2,272	1,809
							100	79	506	33,598	72,904	2,170	1,707

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	28	95 679	24 644,753	497 006,791	20,167	19,704
1							51	29	95 349	23 902,398	472 362,038	19,762	19,299
2							52	30	94 984	23 173,722	448 459,640	19,352	18,889
3							53	31	94 578	22 457,026	425 285,918	18,938	18,475
4							54	32	94 121	21 750,324	402 828,892	18,521	18,058
5							55	33	93 618	21 055,105	381 078,568	18,099	17,636
6							56	34	93 053	20 367,920	360 023,463	17,676	17,213
7							57	35	92 428	19 689,720	339 655,543	17,250	16,788
8							58	36	91 732	19 018,388	319 965,823	16,824	16,361
9							59	37	90 980	18 357,657	300 947,435	16,394	15,931
10							60	38	90 144	17 702,137	282 589,779	15,964	15,501
11							61	39	89 233	17 054,298	264 887,641	15,532	15,069
12							62	40	88 230	16 411,353	247 833,343	15,101	14,639
13							63	41	87 138	15 774,400	231 421,990	14,671	14,208
14							64	42	85 946	15 142,225	215 647,589	14,241	13,779
15							65	43	84 663	14 516,955	200 505,364	13,812	13,349
16							66	44	83 289	13 899,063	185 988,409	13,381	12,919
17							67	45	81 812	13 287,242	172 089,346	12,951	12,489
18							68	46	80 246	12 684,157	158 802,105	12,520	12,057
19							69	47	78 577	12 087,916	146 117,948	12,088	11,625
20							70	48	76 821	11 501,406	134 030,031	11,653	11,191
21							71	49	74 978	10 925,004	122 528,625	11,215	10,753
22	0	99 289	54 663,680	1 571 232,943	28,744	28,281	72	50	72 985	10 349,994	111 603,621	10,783	10,320
23	1	98 960	53 024,573	1 516 569,264	28,601	28,138	73	51	70 935	9 790,148	101 253,627	10,342	9,880
24	2	98 896	51 572,267	1 463 544,690	28,379	27,916	74	52	68 747	9 234,214	91 463,479	9,905	9,442
25	3	98 838	50 162,404	1 411 972,424	28,148	27,685	75	53	66 457	8 687,626	82 229,265	9,465	9,002
26	4	98 785	48 793,429	1 361 810,020	27,910	27,447	76	54	64 022	8 145,379	73 541,639	9,029	8,566
27	5	98 732	47 462,227	1 313 016,591	27,664	27,202	77	55	61 455	7 609,500	65 396,260	8,594	8,131
28	6	98 681	46 168,037	1 265 554,364	27,412	26,949	78	56	58 797	7 085,544	57 786,759	8,156	7,693
29	7	98 628	44 908,335	1 219 386,327	27,153	26,690	79	57	55 978	6 565,244	50 701,215	7,723	7,260
30	8	98 575	43 682,766	1 174 477,992	26,887	26,424	80	58	53 008	6 050,609	44 135,971	7,294	6,832
31	9	98 515	42 488,127	1 130 795,226	26,614	26,152	81	59	49 843	5 536,962	38 085,362	6,878	6,416
32	10	98 454	41 325,058	1 088 307,099	26,335	25,872	82	60	46 526	5 030,164	32 548,400	6,471	6,008
33	11	98 388	40 192,230	1 046 982,041	26,049	25,587	83	61	43 075	4 532,426	27 518,236	6,071	5,609
34	12	98 312	39 086,095	1 006 789,811	25,758	25,295	84	62	39 450	4 039,951	22 985,810	5,690	5,227
35	13	98 236	38 010,860	967 703,716	25,459	24,996	85	63	35 696	3 557,701	18 945,859	5,325	4,862
36	14	98 154	36 962,686	929 692,856	25,152	24,689	86	64	31 842	3 088,600	15 388,158	4,982	4,519
37	15	98 059	35 938,333	892 730,170	24,841	24,378	87	65	27 982	2 641,524	12 299,558	4,656	4,193
38	16	97 949	34 937,544	856 791,837	24,524	24,061	88	66	24 176	2 221,164	9 658,033	4,348	3,885
39	17	97 837	33 963,585	821 854,293	24,198	23,735	89	67	20 448	1 828,371	7 436,869	4,067	3,605
40	18	97 712	33 012,138	787 890,707	23,867	23,404	90	68	16 910	1 471,593	5 608,499	3,811	3,348
41	19	97 575	32 083,631	754 878,570	23,528	23,066	91	69	13 668	1 157,626	4 136,905	3,574	3,111
42	20	97 417	31 174,520	722 794,939	23,185	22,723	92	70	10 799	890,146	2 979,280	3,347	2,884
43	21	97 264	30 292,287	691 620,418	22,832	22,369	93	71	8 276	663,881	2 089,134	3,147	2,684
44	22	97 092	29 429,533	661 328,131	22,472	22,009	94	72	6 162	481,110	1 425,253	2,962	2,500
45	23	96 908	28 587,424	631 898,598	22,104	21,641	95	73	4 432	336,747	944,143	2,804	2,341
46	24	96 710	27 765,481	603 311,173	21,729	21,266	96	74	3 090	228,502	607,396	2,658	2,195
47	25	96 494	26 962,196	575 545,693	21,346	20,884	97	75	2 079	149,660	378,894	2,532	2,069
48	26	96 251	26 174,308	548 583,496	20,959	20,496	98	76	1 359	95,205	229,234	2,408	1,945
49	27	95 981	25 402,397	522 409,188	20,565	20,103	99	77	861	58,709	134,030	2,283	1,820
							100	78	521	34,538	75,321	2,181	1,718

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	24 649,923	497 663,102	20,189	19,726
1							51	28	95 371	23 908,088	473 013,179	19,785	19,322
2							52	29	95 008	23 179,442	449 105,091	19,375	18,912
3							53	30	94 605	22 463,378	425 925,649	18,961	18,498
4							54	31	94 151	21 757,330	403 462,271	18,544	18,081
5							55	32	93 649	21 062,180	381 704,942	18,123	17,660
6							56	33	93 085	20 375,056	360 642,761	17,700	17,237
7							57	34	92 463	19 697,240	340 267,705	17,275	16,812
8							58	35	91 775	19 027,272	320 570,465	16,848	16,385
9							59	36	91 023	18 366,415	301 543,193	16,418	15,955
10							60	37	90 189	17 711,080	283 176,778	15,989	15,526
11							61	38	89 282	17 063,754	265 465,698	15,557	15,094
12							62	39	88 288	16 422,038	248 401,944	15,126	14,663
13							63	40	87 193	15 784,394	231 979,906	14,697	14,234
14							64	41	86 009	15 153,332	216 195,512	14,267	13,804
15							65	42	84 732	14 528,678	201 042,181	13,838	13,375
16							66	43	83 363	13 911,524	186 513,503	13,407	12,944
17							67	44	81 890	13 299,821	172 601,979	12,978	12,515
18							68	45	80 333	12 697,815	159 302,158	12,546	12,083
19							69	46	78 671	12 102,248	146 604,343	12,114	11,651
20							70	47	76 921	11 516,370	134 502,095	11,679	11,216
21							71	48	75 092	10 941,604	122 985,725	11,240	10,777
22							72	49	73 108	10 367,453	112 044,121	10,807	10,344
23	0	99 247	53 178,358	1 517 490,642	28,536	28,073	73	50	71 066	9 808,234	101 676,668	10,366	9,904
24	1	98 918	51 583,740	1 464 312,284	28,387	27,924	74	51	68 890	9 253,428	91 868,434	9,928	9,465
25	2	98 851	50 168,996	1 412 728,544	28,159	27,697	75	52	66 603	8 706,820	82 615,006	9,489	9,026
26	3	98 794	48 798,295	1 362 559,548	27,922	27,459	76	53	64 181	8 165,618	73 908,186	9,051	8,588
27	4	98 741	47 466,597	1 313 761,254	27,678	27,215	77	54	61 625	7 630,517	65 742,568	8,616	8,153
28	5	98 688	46 171,174	1 266 294,657	27,426	26,963	78	55	58 981	7 107,666	58 112,051	8,176	7,713
29	6	98 635	44 911,614	1 220 123,483	27,167	26,704	79	56	56 168	6 587,520	51 004,385	7,743	7,280
30	7	98 579	43 684,846	1 175 211,869	26,902	26,439	80	57	53 208	6 073,422	44 416,864	7,313	6,850
31	8	98 523	42 491,189	1 131 527,023	26,630	26,167	81	58	50 051	5 560,168	38 343,442	6,896	6,433
32	9	98 459	41 327,255	1 089 035,834	26,352	25,889	82	59	46 742	5 053,584	32 783,274	6,487	6,024
33	10	98 394	40 194,465	1 047 708,579	26,066	25,603	83	60	43 297	4 555,783	27 729,690	6,087	5,624
34	11	98 319	39 089,101	1 007 514,115	25,775	25,312	84	61	39 672	4 062,646	23 173,907	5,704	5,241
35	12	98 242	38 013,262	968 425,013	25,476	25,013	85	62	35 916	3 579,615	19 111,261	5,339	4,876
36	13	98 162	36 965,608	930 411,751	25,170	24,707	86	63	32 059	3 109,622	15 531,646	4,995	4,532
37	14	98 068	35 941,649	893 446,143	24,858	24,395	87	64	28 191	2 661,241	12 422,024	4,668	4,205
38	15	97 961	34 941,589	857 504,494	24,541	24,078	88	65	24 371	2 239,107	9 760,783	4,359	3,896
39	16	97 850	33 967,928	822 562,905	24,216	23,753	89	66	20 628	1 844,525	7 521,676	4,078	3,615
40	17	97 724	33 016,418	788 594,977	23,885	23,422	90	67	17 070	1 485,494	5 677,151	3,822	3,359
41	18	97 591	32 088,840	755 578,559	23,546	23,084	91	68	13 809	1 169,560	4 191,657	3,584	3,121
42	19	97 433	31 179,645	723 489,719	23,204	22,741	92	69	10 925	900,544	3 022,097	3,356	2,893
43	20	97 280	30 297,247	692 310,074	22,851	22,388	93	70	8 381	672,320	2 121,553	3,156	2,693
44	21	97 109	29 434,531	662 012,828	22,491	22,028	94	71	6 249	487,850	1 449,233	2,971	2,508
45	22	96 924	28 592,221	632 578,296	22,124	21,661	95	72	4 499	341,857	961,384	2,812	2,349
46	23	96 725	27 770,023	603 986,075	21,750	21,287	96	73	3 142	232,391	619,527	2,666	2,203
47	24	96 510	26 966,626	576 216,052	21,368	20,905	97	74	2 118	152,433	387,136	2,540	2,077
48	25	96 269	26 179,398	549 249,426	20,980	20,517	98	75	1 387	97,160	234,703	2,416	1,953
49	26	95 998	25 406,926	523 070,028	20,588	20,125	99	76	881	60,039	137,543	2,291	1,828
							100	77	533	35,385	77,504	2,190	1,727

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	24 654,317	498 260,975	20,210	19,747
1							51	27	95 391	23 913,104	473 606,657	19,805	19,342
2							52	28	95 030	23 184,960	449 693,554	19,396	18,933
3							53	29	94 628	22 468,923	426 508,594	18,982	18,519
4							54	30	94 178	21 763,484	404 039,671	18,565	18,102
5							55	31	93 679	21 068,965	382 276,187	18,144	17,681
6							56	32	93 117	20 381,903	361 207,222	17,722	17,259
7							57	33	92 496	19 704,141	340 825,320	17,297	16,834
8							58	34	91 810	19 034,539	321 121,179	16,870	16,408
9							59	35	91 066	18 374,995	302 086,639	16,440	15,977
10							60	36	90 232	17 719,530	283 711,645	16,011	15,548
11							61	37	89 328	17 072,374	265 992,115	15,580	15,117
12							62	38	88 337	16 431,142	248 919,741	15,149	14,686
13							63	39	87 250	15 794,671	232 488,598	14,719	14,257
14							64	40	86 064	15 162,932	216 693,928	14,291	13,828
15							65	41	84 794	14 539,334	201 530,996	13,861	13,398
16							66	42	83 431	13 922,757	186 991,662	13,431	12,968
17							67	43	81 963	13 311,745	173 068,904	13,001	12,538
18							68	44	80 409	12 709,837	159 757,160	12,570	12,107
19							69	45	78 755	12 115,280	147 047,323	12,137	11,675
20							70	46	77 012	11 530,024	134 932,043	11,703	11,240
21							71	47	75 189	10 955,839	123 402,020	11,264	10,801
22							72	48	73 219	10 383,206	112 446,180	10,830	10,367
23							73	49	71 186	9 824,779	102 062,974	10,388	9,926
24	0	99 205	51 733,346	1 465 163,543	28,321	27,859	74	50	69 018	9 270,522	92 238,195	9,950	9,487
25	1	98 873	50 180,157	1 413 430,198	28,167	27,704	75	51	66 742	8 724,937	82 967,673	9,509	9,046
26	2	98 807	48 804,708	1 363 250,041	27,933	27,470	76	52	64 323	8 183,659	74 242,735	9,072	8,609
27	3	98 751	47 471,329	1 314 445,333	27,689	27,226	77	53	61 778	7 649,477	66 059,077	8,636	8,173
28	4	98 697	46 175,425	1 266 974,004	27,438	26,975	78	54	59 144	7 127,297	58 409,600	8,195	7,732
29	5	98 642	44 914,665	1 220 798,579	27,180	26,718	79	55	56 343	6 608,087	51 282,304	7,761	7,298
30	6	98 586	43 688,036	1 175 883,914	26,915	26,453	80	56	53 389	6 094,030	44 674,216	7,331	6,868
31	7	98 527	42 493,213	1 132 195,877	26,644	26,181	81	57	50 240	5 581,132	38 580,187	6,913	6,450
32	8	98 466	41 330,233	1 089 702,664	26,366	25,903	82	58	46 938	5 074,764	32 999,054	6,503	6,040
33	9	98 399	40 196,601	1 048 372,431	26,081	25,618	83	59	43 498	4 576,995	27 924,290	6,101	5,638
34	10	98 325	39 091,274	1 008 175,830	25,790	25,327	84	60	39 876	4 083,582	23 347,295	5,717	5,255
35	11	98 250	38 016,186	969 084,555	25,491	25,029	85	61	36 118	3 599,724	19 263,714	5,351	4,889
36	12	98 168	36 967,944	931 068,369	25,186	24,723	86	62	32 256	3 128,776	15 663,989	5,006	4,544
37	13	98 075	35 944,490	894 100,425	24,874	24,412	87	63	28 382	2 679,354	12 535,214	4,678	4,216
38	14	97 970	34 944,813	858 155,935	24,557	24,095	88	64	24 553	2 255,820	9 855,860	4,369	3,906
39	15	97 861	33 971,861	823 211,123	24,232	23,769	89	65	20 795	1 859,425	7 600,039	4,087	3,624
40	16	97 737	33 020,640	789 239,262	23,901	23,439	90	66	17 221	1 498,619	5 740,614	3,831	3,368
41	17	97 603	32 093,001	756 218,622	23,563	23,101	91	67	13 940	1 180,608	4 241,995	3,593	3,130
42	18	97 449	31 184,707	724 125,622	23,221	22,758	92	68	11 038	909,828	3 061,387	3,365	2,902
43	19	97 296	30 302,227	692 940,914	22,868	22,405	93	69	8 479	680,173	2 151,559	3,163	2,700
44	20	97 124	29 439,350	662 638,687	22,509	22,046	94	70	6 328	494,051	1 471,386	2,978	2,515
45	21	96 940	28 597,077	633 199,337	22,142	21,679	95	71	4 562	346,646	977,336	2,819	2,357
46	22	96 742	27 774,683	604 602,260	21,768	21,305	96	72	3 190	235,918	630,690	2,673	2,211
47	23	96 526	26 971,037	576 827,577	21,387	20,924	97	73	2 154	155,027	394,772	2,546	2,084
48	24	96 285	26 183,699	549 856,540	21,000	20,537	98	74	1 413	98,960	239,745	2,423	1,960
49	25	96 017	25 411,866	523 672,841	20,607	20,145	99	75	899	61,272	140,785	2,298	1,835
							100	76	545	36,187	79,513	2,197	1,734

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	24 659,111	498 806,134	20,228	19,765
1							51	26	95 408	23 917,367	474 147,023	19,824	19,362
2							52	27	95 050	23 189,824	450 229,656	19,415	18,952
3							53	28	94 650	22 474,271	427 039,832	19,001	18,538
4							54	29	94 201	21 768,856	404 565,561	18,585	18,122
5							55	30	93 706	21 074,924	382 796,705	18,164	17,701
6							56	31	93 147	20 388,468	361 721,781	17,741	17,279
7							57	32	92 527	19 710,762	341 333,313	17,317	16,854
8							58	33	91 842	19 041,208	321 622,551	16,891	16,428
9							59	34	91 101	18 382,013	302 581,343	16,461	15,998
10							60	35	90 274	17 727,808	284 199,330	16,031	15,568
11							61	36	89 370	17 080,519	266 471,522	15,601	15,138
12							62	37	88 381	16 439,443	249 391,003	15,170	14,707
13							63	38	87 298	15 803,428	232 951,560	14,741	14,278
14							64	39	86 120	15 172,804	217 148,133	14,312	13,849
15							65	40	84 847	14 548,545	201 975,329	13,883	13,420
16							66	41	83 492	13 932,969	187 426,784	13,452	12,989
17							67	42	82 029	13 322,494	173 493,814	13,023	12,560
18							68	43	80 481	12 721,231	160 171,321	12,591	12,128
19							69	44	78 830	12 126,750	147 450,089	12,159	11,696
20							70	45	77 095	11 542,439	135 323,339	11,724	11,261
21							71	46	75 278	10 968,829	123 780,900	11,285	10,822
22							72	47	73 314	10 396,715	112 812,071	10,851	10,388
23							73	48	71 294	9 839,707	102 415,356	10,408	9,946
24							74	49	69 134	9 286,161	92 575,649	9,969	9,506
25	0	99 160	50 325,692	1 414 216,980	28,101	27,638	75	50	66 865	8 741,055	83 289,488	9,529	9,066
26	1	98 829	48 815,565	1 363 891,288	27,940	27,477	76	51	64 457	8 200,687	74 548,433	9,091	8,628
27	2	98 764	47 477,568	1 315 075,723	27,699	27,236	77	52	61 914	7 666,376	66 347,746	8,654	8,192
28	3	98 706	46 180,029	1 267 598,155	27,449	26,986	78	53	59 291	7 145,006	58 681,370	8,213	7,750
29	4	98 651	44 918,800	1 221 418,126	27,192	26,729	79	54	56 499	6 626,338	51 536,363	7,778	7,315
30	5	98 593	43 691,005	1 176 499,325	26,928	26,465	80	55	53 556	6 113,056	44 910,025	7,347	6,884
31	6	98 534	42 496,316	1 132 808,321	26,657	26,194	81	56	50 411	5 600,069	38 796,970	6,928	6,465
32	7	98 471	41 332,202	1 090 312,005	26,379	25,916	82	57	47 115	5 093,898	33 196,900	6,517	6,054
33	8	98 406	40 199,498	1 048 979,803	26,094	25,632	83	58	43 681	4 596,177	28 103,002	6,114	5,652
34	9	98 330	39 093,352	1 008 780,305	25,804	25,342	84	59	40 062	4 102,595	23 506,825	5,730	5,267
35	10	98 255	38 018,300	969 686,952	25,506	25,043	85	60	36 304	3 618,274	19 404,229	5,363	4,900
36	11	98 176	36 970,788	931 668,653	25,200	24,737	86	61	32 437	3 146,352	15 785,955	5,017	4,554
37	12	98 082	35 946,762	894 697,865	24,890	24,427	87	62	28 557	2 695,858	12 639,603	4,689	4,226
38	13	97 978	34 947,575	858 751,104	24,573	24,110	88	63	24 720	2 271,174	9 943,745	4,378	3,915
39	14	97 870	33 974,995	823 803,529	24,247	23,785	89	64	20 950	1 873,304	7 672,572	4,096	3,633
40	15	97 748	33 024,463	789 828,534	23,916	23,454	90	65	17 360	1 510,726	5 799,267	3,839	3,376
41	16	97 616	32 097,104	756 804,071	23,579	23,116	91	66	14 063	1 191,039	4 288,542	3,601	3,138
42	17	97 462	31 188,751	724 706,967	23,236	22,773	92	67	11 142	918,422	3 097,503	3,373	2,910
43	18	97 311	30 307,147	693 518,216	22,883	22,420	93	68	8 566	687,185	2 179,081	3,171	2,708
44	19	97 140	29 444,190	663 211,069	22,524	22,062	94	69	6 402	499,822	1 491,896	2,985	2,522
45	20	96 956	28 601,759	633 766,880	22,158	21,695	95	70	4 620	351,052	992,074	2,826	2,363
46	21	96 758	27 779,400	605 165,121	21,785	21,322	96	71	3 235	239,222	641,022	2,680	2,217
47	22	96 542	26 975,563	577 385,721	21,404	20,941	97	72	2 187	157,380	401,800	2,553	2,090
48	23	96 301	26 187,982	550 410,158	21,018	20,555	98	73	1 437	100,644	244,420	2,429	1,966
49	24	96 032	25 416,041	524 222,176	20,626	20,163	99	74	915	62,407	143,776	2,304	1,841
							100	75	557	36,930	81,368	2,203	1,741

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	3 000 686,289	30,007	29,544	50	50	94 198	21 487,343	387 067,826	18,014	17,551
1	1	99 373	96 478,829	2 900 686,289	30,066	29,602	51	51	93 723	20 756,119	365 580,484	17,613	17,150
2	2	99 327	93 625,301	2 804 207,460	29,951	29,488	52	52	93 193	20 037,776	344 824,364	17,209	16,745
3	3	99 301	90 874,316	2 710 582,159	29,828	29,365	53	53	92 616	19 333,700	324 786,588	16,799	16,336
4	4	99 279	88 208,238	2 619 707,843	29,699	29,236	54	54	91 970	18 639,539	305 452,888	16,387	15,924
5	5	99 259	85 621,412	2 531 499,605	29,566	29,103	55	55	91 257	17 956,412	286 813,350	15,973	15,510
6	6	99 243	83 114,382	2 445 878,193	29,428	28,965	56	56	90 456	17 280,319	268 856,938	15,559	15,095
7	7	99 227	80 680,418	2 362 763,810	29,285	28,822	57	57	89 579	16 614,373	251 576,619	15,142	14,679
8	8	99 212	78 319,160	2 282 083,393	29,138	28,675	58	58	88 612	15 956,262	234 962,246	14,725	14,262
9	9	99 198	76 026,749	2 203 764,233	28,987	28,523	59	59	87 560	15 307,706	219 005,984	14,307	13,844
10	10	99 184	73 802,530	2 127 737,484	28,830	28,367	60	60	86 397	14 664,428	203 698,278	13,891	13,427
11	11	99 172	71 643,623	2 053 934,954	28,669	28,206	61	61	85 133	14 028,987	189 033,851	13,475	13,011
12	12	99 157	69 546,759	1 982 291,331	28,503	28,040	62	62	83 760	13 400,816	175 004,864	13,059	12,596
13	13	99 142	67 510,881	1 912 744,572	28,332	27,869	63	63	82 269	12 778,872	161 604,047	12,646	12,183
14	14	99 125	65 533,274	1 845 233,691	28,157	27,694	64	64	80 655	12 163,162	148 825,176	12,236	11,773
15	15	99 104	63 610,809	1 779 700,417	27,978	27,515	65	65	78 926	11 555,744	136 662,014	11,826	11,363
16	16	99 077	61 741,320	1 716 089,608	27,795	27,332	66	66	77 091	10 958,405	125 106,270	11,416	10,953
17	17	99 041	59 921,660	1 654 348,288	27,609	27,145	67	67	75 132	10 368,885	114 147,864	11,009	10,545
18	18	99 002	58 153,317	1 594 426,628	27,418	26,954	68	68	73 083	9 792,365	103 778,980	10,598	10,135
19	19	98 948	56 428,576	1 536 273,311	27,225	26,762	69	69	70 917	9 225,339	93 986,615	10,188	9,725
20	20	98 892	54 753,917	1 479 844,735	27,027	26,564	70	70	68 620	8 666,574	84 761,275	9,780	9,317
21	21	98 835	53 128,509	1 425 090,819	26,823	26,360	71	71	66 234	8 121,503	76 094,702	9,370	8,906
22	22	98 778	51 551,460	1 371 962,309	26,613	26,150	72	72	63 690	7 582,111	67 973,198	8,965	8,502
23	23	98 720	50 020,585	1 320 410,849	26,397	25,934	73	73	61 089	7 060,650	60 391,087	8,553	8,090
24	24	98 662	48 535,329	1 270 390,264	26,175	25,711	74	74	58 335	6 545,951	53 330,438	8,147	7,684
25	25	98 601	47 092,357	1 221 854,935	25,946	25,483	75	75	55 488	6 045,101	46 784,486	7,739	7,276
26	26	98 538	45 691,656	1 174 762,578	25,711	25,247	76	76	52 510	5 554,040	40 739,385	7,335	6,872
27	27	98 477	44 333,379	1 129 070,923	25,468	25,005	77	77	49 424	5 075,385	35 185,346	6,933	6,469
28	28	98 412	43 013,734	1 084 737,543	25,218	24,755	78	78	46 298	4 615,956	30 109,960	6,523	6,060
29	29	98 343	41 731,657	1 041 723,809	24,962	24,499	79	79	43 025	4 164,619	25 494,004	6,122	5,658
30	30	98 271	40 486,191	999 992,152	24,700	24,236	80	80	39 636	3 724,879	21 329,385	5,726	5,263
31	31	98 191	39 275,114	959 505,961	24,430	23,967	81	81	36 105	3 294,240	17 604,506	5,344	4,881
32	32	98 103	38 097,034	920 230,847	24,155	23,692	82	82	32 491	2 878,134	14 310,267	4,972	4,509
33	33	98 010	36 952,399	882 133,813	23,872	23,409	83	83	28 815	2 478,155	11 432,132	4,613	4,150
34	34	97 907	35 838,407	845 181,414	23,583	23,120	84	84	25 074	2 093,597	8 953,978	4,277	3,814
35	35	97 801	34 756,843	809 343,007	23,286	22,823	85	85	21 372	1 732,495	6 860,381	3,960	3,497
36	36	97 682	33 703,286	774 586,165	22,983	22,519	86	86	17 779	1 399,295	5 127,885	3,665	3,201
37	37	97 549	32 677,150	740 882,879	22,673	22,210	87	87	14 398	1 100,184	3 728,590	3,389	2,926
38	38	97 402	31 677,738	708 205,728	22,357	21,893	88	88	11 298	838,126	2 628,406	3,136	2,673
39	39	97 249	30 706,812	676 527,991	22,032	21,569	89	89	8 548	615,648	1 790,280	2,908	2,445
40	40	97 074	29 758,642	645 821,178	21,702	21,239	90	90	6 217	434,709	1 174,631	2,702	2,239
41	41	96 892	28 837,860	616 062,536	21,363	20,900	91	91	4 330	293,946	739,922	2,517	2,054
42	42	96 681	27 936,813	587 224,676	21,020	20,557	92	92	2 887	190,262	445,976	2,344	1,881
43	43	96 466	27 062,898	559 287,864	20,666	20,203	93	93	1 819	116,412	255,714	2,197	1,733
44	44	96 226	26 209,262	532 224,966	20,307	19,844	94	94	1 086	67,462	139,303	2,065	1,602
45	45	95 968	25 377,740	506 015,704	19,939	19,476	95	95	611	36,847	71,840	1,950	1,486
46	46	95 685	24 565,825	480 637,964	19,565	19,102	96	96	323	18,917	34,993	1,850	1,387
47	47	95 375	23 772,934	456 072,140	19,185	18,721	97	97	160	9,073	16,076	1,772	1,309
48	48	95 029	22 996,783	432 299,206	18,798	18,335	98	98	75	4,144	7,004	1,690	1,227
49	49	94 635	22 234,596	409 302,422	18,408	17,945	99	99	33	1,775	2,860	1,611	1,148
							100	100	13	0,701	1,084	1,547	1,084

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	2 995 698,136	30,044	29,581	50	51	94 025	21 447,722	383 023,275	17,858	17,395
1	2	99 351	96 457,371	2 895 987,323	30,023	29,560	51	52	93 528	20 713,019	361 575,553	17,456	16,993
2	3	99 314	93 612,998	2 799 529,952	29,905	29,442	52	53	92 988	19 993,604	340 862,533	17,049	16,585
3	4	99 291	90 865,256	2 705 916,953	29,779	29,316	53	54	92 387	19 285,780	320 868,929	16,638	16,174
4	5	99 270	88 200,118	2 615 051,697	29,649	29,186	54	55	91 717	18 588,200	301 583,149	16,224	15,761
5	6	99 252	85 615,595	2 526 851,579	29,514	29,051	55	56	90 973	17 900,525	282 994,949	15,809	15,346
6	7	99 236	83 108,314	2 441 235,985	29,374	28,911	56	57	90 150	17 221,884	265 094,424	15,393	14,930
7	8	99 222	80 676,575	2 358 127,671	29,229	28,766	57	58	89 242	16 551,965	247 872,540	14,975	14,512
8	9	99 205	78 313,516	2 277 451,096	29,081	28,618	58	59	88 242	15 889,667	231 320,575	14,558	14,095
9	10	99 192	76 022,708	2 199 137,580	28,927	28,464	59	60	87 154	15 236,763	215 430,908	14,139	13,676
10	11	99 179	73 798,427	2 123 114,872	28,769	28,306	60	61	85 954	14 589,246	200 194,146	13,722	13,259
11	12	99 164	71 638,113	2 049 316,445	28,607	28,143	61	62	84 657	13 950,618	185 604,900	13,304	12,841
12	13	99 151	69 542,364	1 977 678,332	28,438	27,975	62	63	83 248	13 318,778	171 654,282	12,888	12,425
13	14	99 134	67 505,545	1 908 135,968	28,266	27,803	63	64	81 713	12 692,484	158 335,504	12,475	12,012
14	15	99 116	65 527,228	1 840 630,423	28,090	27,626	64	65	80 057	12 073,048	145 643,020	12,063	11,600
15	16	99 092	63 603,445	1 775 103,194	27,909	27,446	65	66	78 293	11 463,140	133 569,972	11,652	11,189
16	17	99 064	61 733,427	1 711 499,750	27,724	27,261	66	67	76 416	10 862,434	122 106,832	11,241	10,778
17	18	99 029	59 913,891	1 649 766,323	27,536	27,072	67	68	74 429	10 271,853	111 244,398	10,830	10,367
18	19	98 986	58 143,877	1 589 852,432	27,343	26,880	68	69	72 338	9 692,444	100 972,545	10,418	9,954
19	20	98 932	56 419,301	1 531 708,555	27,149	26,685	69	70	70 098	9 118,821	91 280,101	10,010	9,547
20	21	98 875	54 744,955	1 475 289,254	26,948	26,485	70	71	67 759	8 557,793	82 161,280	9,601	9,138
21	22	98 818	53 119,488	1 420 544,299	26,742	26,279	71	72	65 319	8 009,309	73 603,487	9,190	8,727
22	23	98 761	51 542,811	1 367 424,811	26,530	26,067	72	73	62 738	7 468,774	65 594,178	8,782	8,319
23	24	98 704	50 012,404	1 315 882,000	26,311	25,848	73	74	60 066	6 942,482	58 125,403	8,372	7,909
24	25	98 646	48 527,356	1 265 869,596	26,086	25,622	74	75	57 274	6 426,867	51 182,921	7,964	7,501
25	26	98 582	47 083,201	1 217 342,240	25,855	25,392	75	76	54 371	5 923,473	44 756,055	7,556	7,092
26	27	98 521	45 683,512	1 170 259,039	25,617	25,153	76	77	51 346	5 431,024	38 832,581	7,150	6,687
27	28	98 457	44 324,081	1 124 575,528	25,372	24,908	77	78	48 241	4 953,888	33 401,557	6,742	6,279
28	29	98 389	43 003,497	1 080 251,447	25,120	24,657	78	79	45 039	4 490,368	28 447,668	6,335	5,872
29	30	98 319	41 721,359	1 037 247,950	24,861	24,398	79	80	41 699	4 036,314	23 957,300	5,935	5,472
30	31	98 243	40 474,742	995 526,590	24,596	24,133	80	81	38 238	3 593,534	19 920,987	5,544	5,080
31	32	98 159	39 262,467	955 051,848	24,325	23,862	81	82	34 646	3 161,102	16 327,453	5,165	4,702
32	33	98 070	38 084,237	915 789,381	24,046	23,583	82	83	30 964	2 742,855	13 166,351	4,800	4,337
33	34	97 976	36 939,457	877 705,144	23,761	23,297	83	84	27 224	2 341,371	10 423,495	4,452	3,989
34	35	97 870	35 824,724	840 765,687	23,469	23,006	84	85	23 474	1 960,051	8 082,125	4,123	3,660
35	36	97 755	34 740,613	804 940,963	23,170	22,707	85	86	19 797	1 604,821	6 122,074	3,815	3,352
36	37	97 635	33 687,214	770 200,350	22,863	22,400	86	87	16 263	1 279,966	4 517,253	3,529	3,066
37	38	97 499	32 660,651	736 513,135	22,550	22,087	87	88	12 971	991,162	3 237,287	3,266	2,803
38	39	97 348	31 660,185	703 852,485	22,231	21,768	88	89	10 018	743,163	2 246,126	3,022	2,559
39	40	97 186	30 686,833	672 192,300	21,905	21,442	89	90	7 447	536,349	1 502,962	2,807	2,339
40	41	97 012	29 739,801	641 505,467	21,571	21,107	90	91	5 302	370,756	966,614	2,602	2,144
41	42	96 821	28 816,723	611 765,666	21,230	20,766	91	92	3 611	245,172	595,858	2,430	1,967
42	43	96 603	27 914,272	582 948,942	20,884	20,420	92	93	2 344	154,503	350,686	2,270	1,807
43	44	96 380	27 038,657	555 034,670	20,527	20,064	93	94	1 438	92,028	196,182	2,132	1,669
44	45	96 135	26 184,472	527 996,013	20,164	19,701	94	95	837	51,983	104,154	2,004	1,540
45	46	95 865	25 350,442	501 811,541	19,795	19,332	95	96	456	27,479	52,172	1,899	1,435
46	47	95 572	24 536,734	476 461,099	19,418	18,955	96	97	233	13,633	24,693	1,811	1,348
47	48	95 251	23 742,044	451 924,365	19,035	18,572	97	98	113	6,399	11,060	1,728	1,265
48	49	94 884	22 961,895	428 182,321	18,648	18,184	98	99	51	2,822	4,661	1,652	1,189
49	50	94 476	22 197,151	405 220,426	18,256	17,792	99	100	22	1,166	1,839	1,578	1,114

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	2 990 630,127	30,000	29,536	50	52	93 830	21 403,186	378 671,010	17,692	17,229
1	3	99 338	96 444,697	2 890 941,491	29,975	29,512	51	53	93 322	20 667,359	357 267,824	17,287	16,823
2	4	99 304	93 603,665	2 794 496,795	29,855	29,391	52	54	92 757	19 944,049	336 600,465	16,877	16,414
3	5	99 282	90 856,892	2 700 893,130	29,727	29,264	53	55	92 132	19 232,661	316 656,416	16,465	16,001
4	6	99 263	88 194,125	2 610 036,238	29,594	29,131	54	56	91 431	18 530,347	297 423,755	16,051	15,587
5	7	99 245	85 609,343	2 521 842,112	29,458	28,994	55	57	90 665	17 839,992	278 893,408	15,633	15,170
6	8	99 231	83 104,355	2 436 232,769	29,315	28,852	56	58	89 811	17 157,194	261 053,416	15,215	14,752
7	9	99 215	80 670,761	2 353 128,414	29,170	28,706	57	59	88 870	16 482,884	243 896,222	14,797	14,334
8	10	99 200	78 309,353	2 272 457,653	29,019	28,556	58	60	87 833	15 816,027	227 413,338	14,379	13,915
9	11	99 187	76 018,482	2 194 148,300	28,863	28,400	59	61	86 708	15 158,647	211 597,311	13,959	13,496
10	12	99 171	73 792,752	2 118 129,818	28,704	28,241	60	62	85 474	14 507,748	196 438,665	13,540	13,077
11	13	99 158	71 633,586	2 044 337,066	28,539	28,076	61	63	84 139	13 865,214	181 930,917	13,121	12,658
12	14	99 143	69 536,868	1 972 703,481	28,369	27,906	62	64	82 685	13 228,740	168 065,703	12,705	12,241
13	15	99 125	67 499,318	1 903 166,613	28,195	27,732	63	65	81 108	12 598,448	154 836,963	12,290	11,827
14	16	99 104	65 519,642	1 835 667,295	28,017	27,554	64	66	79 415	11 976,298	142 238,515	11,877	11,413
15	17	99 079	63 595,314	1 770 147,653	27,835	27,371	65	67	77 607	11 362,748	130 262,217	11,464	11,001
16	18	99 051	61 725,423	1 706 552,340	27,647	27,184	66	68	75 701	10 760,784	118 899,468	11,049	10,586
17	19	99 012	59 904,166	1 644 826,917	27,458	26,994	67	69	73 670	10 167,040	108 138,684	10,636	10,173
18	20	98 970	58 134,320	1 584 922,751	27,263	26,800	68	70	71 502	9 580,532	97 971,644	10,226	9,763
19	21	98 915	56 410,066	1 526 788,431	27,066	26,603	69	71	69 218	9 004,363	88 391,112	9,816	9,353
20	22	98 859	54 735,659	1 470 378,365	26,863	26,400	70	72	66 823	8 439,571	79 386,749	9,406	8,943
21	23	98 801	53 110,576	1 415 642,706	26,655	26,191	71	73	64 342	7 889,587	70 947,177	8,993	8,529
22	24	98 745	51 534,381	1 362 532,129	26,439	25,976	72	74	61 688	7 343,777	63 057,591	8,587	8,123
23	25	98 688	50 004,188	1 310 997,749	26,218	25,755	73	75	58 974	6 816,184	55 713,814	8,174	7,711
24	26	98 627	48 517,922	1 260 993,561	25,990	25,527	74	76	56 121	6 297,558	48 897,630	7,765	7,301
25	27	98 564	47 074,809	1 212 475,639	25,756	25,293	75	77	53 167	5 792,276	42 600,072	7,355	6,891
26	28	98 500	45 673,930	1 165 400,830	25,516	25,052	76	78	50 117	5 301,014	36 807,796	6,944	6,480
27	29	98 433	44 313,532	1 119 726,900	25,268	24,805	77	79	46 928	4 819,105	31 506,782	6,538	6,075
28	30	98 365	42 992,885	1 075 413,368	25,014	24,551	78	80	43 651	4 352,027	26 687,677	6,132	5,669
29	31	98 291	41 709,561	1 032 420,483	24,753	24,289	79	81	40 229	3 893,987	22 335,650	5,736	5,273
30	32	98 211	40 461,709	990 710,922	24,485	24,022	80	82	36 693	3 448,300	18 441,663	5,348	4,885
31	33	98 126	39 249,279	950 249,213	24,211	23,747	81	83	33 018	3 012,523	14 993,363	4,977	4,514
32	34	98 036	38 070,899	910 999,934	23,929	23,466	82	84	29 255	2 591,461	11 980,840	4,623	4,160
33	35	97 938	36 925,354	872 929,035	23,640	23,177	83	85	25 488	2 192,019	9 389,378	4,283	3,820
34	36	97 824	35 807,996	836 003,681	23,347	22,884	84	86	21 744	1 815,607	7 197,359	3,964	3,501
35	37	97 709	34 724,047	800 195,685	23,044	22,581	85	87	18 108	1 467,965	5 381,752	3,666	3,203
36	38	97 586	33 670,205	765 471,638	22,734	22,271	86	88	14 651	1 153,128	3 913,787	3,394	2,931
37	39	97 445	32 642,553	731 801,433	22,419	21,955	87	89	11 502	878,859	2 760,660	3,141	2,678
38	40	97 285	31 639,585	699 158,880	22,098	21,634	88	90	8 727	647,439	1 881,801	2,907	2,443
39	41	97 124	30 667,404	667 519,295	21,766	21,303	89	91	6 351	457,443	1 234,362	2,698	2,235
40	42	96 941	29 718,003	636 851,891	21,430	20,967	90	92	4 422	309,237	776,919	2,512	2,049
41	43	96 743	28 793,473	607 133,888	21,086	20,623	91	93	2 933	199,093	467,682	2,349	1,886
42	44	96 516	27 889,269	578 340,415	20,737	20,274	92	94	1 853	122,141	268,589	2,199	1,736
43	45	96 289	27 013,083	550 451,146	20,377	19,914	93	95	1 108	70,912	146,448	2,065	1,602
44	46	96 032	26 156,306	523 438,063	20,012	19,549	94	96	624	38,766	75,536	1,949	1,485
45	47	95 752	25 320,422	497 281,757	19,640	19,176	95	97	328	19,803	36,770	1,857	1,394
46	48	95 447	24 504,852	471 961,334	19,260	18,797	96	98	164	9,615	16,967	1,765	1,301
47	49	95 106	23 706,025	447 456,482	18,875	18,412	97	99	77	4,357	7,352	1,687	1,224
48	50	94 725	22 923,225	423 750,458	18,486	18,022	98	100	34	1,853	2,994	1,616	1,152
49	51	94 302	22 156,222	400 827,232	18,091	17,628							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	2 985 198,376	29,949	29,486	50	53	93 623	21 356,004	374 000,447	17,513	17,049
1	4	99 328	96 435,081	2 885 522,840	29,922	29,459	51	54	93 091	20 616,133	352 644,442	17,105	16,642
2	5	99 295	93 595,049	2 789 087,759	29,800	29,336	52	55	92 502	19 889,117	332 028,309	16,694	16,231
3	6	99 275	90 850,719	2 695 492,710	29,669	29,206	53	56	91 846	19 172,802	312 139,192	16,280	15,817
4	7	99 256	88 187,686	2 604 641,992	29,535	29,072	54	57	91 122	18 467,685	292 966,390	15,864	15,401
5	8	99 240	85 605,266	2 516 454,306	29,396	28,933	55	58	90 325	17 772,980	274 498,705	15,445	14,981
6	9	99 224	83 098,366	2 430 849,040	29,253	28,789	56	59	89 436	17 085,587	256 725,725	15,026	14,563
7	10	99 210	80 666,473	2 347 750,674	29,104	28,641	57	60	88 458	16 406,495	239 640,138	14,606	14,143
8	11	99 194	78 305,000	2 267 084,201	28,952	28,489	58	61	87 382	15 734,941	223 233,643	14,187	13,724
9	12	99 179	76 012,636	2 188 779,201	28,795	28,332	59	62	86 223	15 073,968	207 498,702	13,765	13,302
10	13	99 165	73 788,088	2 112 766,565	28,633	28,170	60	63	84 951	14 418,932	192 424,734	13,345	12,882
11	14	99 150	71 627,924	2 038 978,477	28,466	28,003	61	64	83 570	13 771,483	178 005,802	12,926	12,462
12	15	99 134	69 530,453	1 967 350,553	28,295	27,832	62	65	82 072	13 130,731	164 234,319	12,508	12,044
13	16	99 114	67 491,503	1 897 820,101	28,119	27,656	63	66	80 458	12 497,488	151 103,588	12,091	11,627
14	17	99 092	65 511,266	1 830 328,597	27,939	27,476	64	67	78 720	11 871,413	138 606,100	11,676	11,212
15	18	99 067	63 587,068	1 764 817,331	27,754	27,291	65	68	76 881	11 256,417	126 734,688	11,259	10,796
16	19	99 035	61 715,404	1 701 230,263	27,566	27,103	66	69	74 928	10 650,982	115 478,271	10,842	10,379
17	20	98 996	59 894,320	1 639 514,859	27,373	26,910	67	70	72 819	10 049,648	104 827,290	10,431	9,968
18	21	98 954	58 124,805	1 579 620,540	27,176	26,713	68	71	70 605	9 460,280	94 777,642	10,018	9,555
19	22	98 899	56 400,488	1 521 495,735	26,977	26,513	69	72	68 262	8 879,973	85 317,362	9,608	9,145
20	23	98 842	54 726,476	1 465 095,247	26,771	26,308	70	73	65 824	8 313,418	76 437,389	9,194	8,731
21	24	98 785	53 101,889	1 410 368,772	26,560	26,096	71	74	63 266	7 757,546	68 123,972	8,782	8,318
22	25	98 729	51 525,915	1 357 266,882	26,341	25,878	72	75	60 566	7 210,178	60 366,426	8,372	7,909
23	26	98 668	49 994,467	1 305 740,967	26,118	25,654	73	76	57 787	6 679,042	53 156,248	7,959	7,495
24	27	98 609	48 509,274	1 255 746,501	25,887	25,424	74	77	54 878	6 158,075	46 477,205	7,547	7,084
25	28	98 544	47 064,935	1 207 237,227	25,650	25,187	75	78	51 894	5 653,617	40 319,131	7,132	6,668
26	29	98 477	45 663,060	1 160 172,291	25,407	24,944	76	79	48 754	5 156,787	34 665,513	6,722	6,259
27	30	98 409	44 302,597	1 114 509,232	25,157	24,694	77	80	45 482	4 670,637	29 508,726	6,318	5,855
28	31	98 337	42 980,728	1 070 206,635	24,900	24,436	78	81	42 112	4 198,568	24 838,090	5,916	5,453
29	32	98 260	41 696,131	1 027 225,907	24,636	24,173	79	82	38 603	3 736,611	20 639,522	5,524	5,060
30	33	98 178	40 448,118	985 529,777	24,365	23,902	80	83	34 968	3 286,222	16 902,911	5,144	4,680
31	34	98 092	39 235,532	945 081,659	24,087	23,624	81	84	31 195	2 846,244	13 616,689	4,784	4,321
32	35	97 998	38 056,363	905 846,127	23,803	23,340	82	85	27 389	2 426,157	10 770,445	4,439	3,976
33	36	97 893	36 908,112	867 789,763	23,512	23,049	83	86	23 610	2 030,481	8 344,288	4,110	3,646
34	37	97 777	35 790,921	830 881,651	23,215	22,752	84	87	19 890	1 660,775	6 313,807	3,802	3,338
35	38	97 659	34 706,514	795 090,730	22,909	22,446	85	88	16 314	1 322,497	4 653,032	3,518	3,055
36	39	97 532	33 651,548	760 384,216	22,596	22,133	86	89	12 991	1 022,474	3 330,535	3,257	2,794
37	40	97 382	32 621,314	726 732,669	22,278	21,815	87	90	10 020	765,657	2 308,061	3,014	2,551
38	41	97 223	31 619,553	694 111,354	21,952	21,489	88	91	7 443	552,190	1 542,405	2,793	2,330
39	42	97 053	30 644,927	662 491,801	21,618	21,155	89	92	5 297	381,540	990,215	2,595	2,132
40	43	96 863	29 694,025	631 846,874	21,279	20,815	90	93	3 591	251,117	608,675	2,424	1,961
41	44	96 657	28 767,682	602 152,849	20,932	20,468	91	94	2 318	157,391	357,558	2,272	1,809
42	45	96 425	27 862,890	573 385,166	20,579	20,116	92	95	1 428	94,115	200,166	2,127	1,664
43	46	96 185	26 984,026	545 522,276	20,216	19,753	93	96	826	52,882	106,051	2,005	1,542
44	47	95 918	26 125,332	518 538,250	19,848	19,385	94	97	450	27,938	53,169	1,903	1,440
45	48	95 627	25 287,522	492 412,918	19,473	19,009	95	98	232	13,967	25,231	1,807	1,343
46	49	95 303	24 467,675	467 125,396	19,092	18,628	96	99	112	6,548	11,265	1,720	1,257
47	50	94 946	23 666,102	442 657,721	18,704	18,241	97	100	50	2,862	4,717	1,648	1,185
48	51	94 550	22 880,957	418 991,619	18,312	17,849							
49	52	94 106	22 110,215	396 110,661	17,915	17,452							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	2 979 377,569	29,894	29,431	50	54	93 391	21 303,072	368 999,783	17,321	16,858
1	5	99 319	96 426,204	2 879 711,970	29,864	29,401	51	55	92 834	20 559,351	347 696,712	16,912	16,449
2	6	99 288	93 588,690	2 783 285,766	29,740	29,276	52	56	92 214	19 827,215	327 137,361	16,499	16,036
3	7	99 268	90 844,085	2 689 697,077	29,608	29,145	53	57	91 535	19 107,967	307 310,146	16,083	15,620
4	8	99 251	88 183,486	2 598 852,992	29,471	29,008	54	58	90 780	18 398,315	288 202,178	15,665	15,201
5	9	99 233	85 599,096	2 510 669,506	29,331	28,867	55	59	89 948	17 698,803	269 803,864	15,244	14,781
6	10	99 219	83 093,949	2 425 070,410	29,185	28,721	56	60	89 022	17 006,404	252 105,060	14,824	14,361
7	11	99 204	80 661,989	2 341 976,460	29,034	28,571	57	61	88 005	16 322,382	235 098,656	14,403	13,940
8	12	99 187	78 298,978	2 261 314,472	28,881	28,417	58	62	86 894	15 647,043	218 776,274	13,982	13,519
9	13	99 173	76 007,832	2 183 015,494	28,721	28,258	59	63	85 695	14 981,686	203 129,231	13,559	13,095
10	14	99 157	73 782,256	2 107 007,662	28,557	28,094	60	64	84 376	14 321,458	188 147,545	13,137	12,674
11	15	99 141	71 621,316	2 033 225,406	28,389	27,925	61	65	82 951	13 669,452	173 826,087	12,716	12,253
12	16	99 122	69 522,403	1 961 604,090	28,215	27,752	62	66	81 415	13 025,506	160 156,635	12,296	11,832
13	17	99 101	67 482,875	1 892 081,687	28,038	27,575	63	67	79 753	12 388,038	147 131,129	11,877	11,414
14	18	99 079	65 502,773	1 824 598,812	27,855	27,392	64	68	77 983	11 760,321	134 743,091	11,457	10,994
15	19	99 050	63 576,747	1 759 096,039	27,669	27,206	65	69	76 097	11 141,556	122 982,771	11,038	10,575
16	20	99 019	61 705,260	1 695 519,293	27,478	27,014	66	70	74 063	10 528,002	111 841,214	10,623	10,160
17	21	98 980	59 884,516	1 633 814,033	27,283	26,820	67	71	71 905	9 923,507	101 313,212	10,209	9,746
18	22	98 937	58 114,935	1 573 929,517	27,083	26,620	68	72	69 630	9 329,591	91 389,705	9,796	9,332
19	23	98 882	56 391,025	1 515 814,582	26,880	26,417	69	73	67 242	8 747,236	82 060,114	9,381	8,918
20	24	98 826	54 717,525	1 459 423,557	26,672	26,209	70	74	64 723	8 174,284	73 312,879	8,969	8,505
21	25	98 769	53 093,166	1 404 706,032	26,457	25,994	71	75	62 115	7 616,420	65 138,595	8,552	8,089
22	26	98 710	51 515,898	1 351 612,866	26,237	25,774	72	76	59 347	7 065,109	57 522,175	8,142	7,679
23	27	98 651	49 985,556	1 300 096,968	26,009	25,546	73	77	56 507	6 531,109	50 457,066	7,726	7,262
24	28	98 589	48 499,099	1 250 111,412	25,776	25,313	74	78	53 564	6 010,660	43 925,956	7,308	6,845
25	29	98 520	47 053,734	1 201 612,313	25,537	25,074	75	79	50 482	5 499,797	37 915,296	6,894	6,431
26	30	98 452	45 651,792	1 154 558,579	25,291	24,827	76	80	47 252	4 997,915	32 415,499	6,486	6,023
27	31	98 381	44 290,069	1 108 906,787	25,037	24,574	77	81	43 879	4 505,943	27 417,585	6,085	5,622
28	32	98 305	42 966,888	1 064 616,719	24,778	24,314	78	82	40 410	4 028,882	22 911,642	5,687	5,224
29	33	98 227	41 682,124	1 021 649,831	24,511	24,047	79	83	36 788	3 560,981	18 882,761	5,303	4,839
30	34	98 144	40 433,952	979 967,706	24,236	23,773	80	84	33 038	3 104,836	15 321,779	4,935	4,472
31	35	98 055	39 220,553	939 533,755	23,955	23,492	81	85	29 205	2 664,688	12 216,943	4,585	4,122
32	36	97 953	38 038,593	900 313,202	23,668	23,205	82	86	25 370	2 247,364	9 552,255	4,250	3,787
33	37	97 846	36 890,512	862 274,609	23,374	22,911	83	87	21 596	1 857,325	7 304,891	3,933	3,470
34	38	97 728	35 772,849	825 384,096	23,073	22,610	84	88	17 919	1 496,201	5 447,566	3,641	3,178
35	39	97 605	34 687,283	789 611,248	22,764	22,300	85	89	14 466	1 172,653	3 951,365	3,370	2,906
36	40	97 468	33 629,652	754 923,965	22,448	21,985	86	90	11 318	890,773	2 778,712	3,119	2,656
37	41	97 320	32 600,661	721 294,312	22,125	21,662	87	91	8 546	653,015	1 887,940	2,891	2,428
38	42	97 152	31 596,378	688 693,652	21,797	21,333	88	92	6 208	460,566	1 234,924	2,681	2,218
39	43	96 975	30 620,201	657 097,273	21,460	20,996	89	93	4 302	309,831	774,358	2,499	2,036
40	44	96 776	29 667,428	626 477,072	21,117	20,653	90	94	2 839	198,519	464,527	2,340	1,877
41	45	96 565	28 740,473	596 809,644	20,765	20,302	91	95	1 786	121,277	266,008	2,193	1,730
42	46	96 321	27 832,919	568 069,172	20,410	19,947	92	96	1 065	70,186	144,732	2,062	1,599
43	47	96 071	26 952,072	540 236,252	20,044	19,581	93	97	596	38,111	74,546	1,956	1,493
44	48	95 793	26 091,385	513 284,180	19,673	19,209	94	98	317	19,704	36,434	1,849	1,386
45	49	95 482	25 249,158	487 192,795	19,295	18,832	95	99	158	9,511	16,731	1,759	1,296
46	50	95 142	24 426,470	461 943,637	18,912	18,448	96	100	73	4,300	7,220	1,679	1,216
47	51	94 771	23 622,464	437 517,167	18,521	18,058							
48	52	94 354	22 833,445	413 894,703	18,127	17,663							
49	53	93 898	22 061,474	391 061,258	17,726	17,263							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	2 973 149,212	29,834	29,371	50	55	93 133	21 244,397	363 661,571	17,118	16,655
1	6	99 312	96 419,652	2 873 492,787	29,802	29,339	51	56	92 545	20 495,362	342 417,174	16,707	16,244
2	7	99 281	93 581,856	2 777 073,135	29,675	29,212	52	57	91 902	19 760,167	321 921,811	16,291	15,828
3	8	99 263	90 839,758	2 683 491,279	29,541	29,078	53	58	91 191	19 036,192	302 161,644	15,873	15,410
4	9	99 244	88 177,130	2 592 651,521	29,403	28,940	54	59	90 401	18 321,528	283 125,452	15,453	14,990
5	10	99 228	85 594,547	2 504 474,390	29,260	28,797	55	60	89 531	17 616,779	264 803,924	15,031	14,568
6	11	99 213	83 089,330	2 418 879,843	29,112	28,649	56	61	88 566	16 919,216	247 187,145	14,610	14,147
7	12	99 196	80 655,785	2 335 790,513	28,960	28,497	57	62	87 513	16 231,202	230 267,929	14,187	13,724
8	13	99 181	78 294,029	2 255 134,728	28,803	28,340	58	63	86 362	15 551,253	214 036,727	13,763	13,300
9	14	99 165	76 001,824	2 176 840,699	28,642	28,179	59	64	85 116	14 880,407	198 485,474	13,339	12,875
10	15	99 148	73 775,450	2 100 838,875	28,476	28,013	60	65	83 751	14 215,353	183 605,067	12,916	12,453
11	16	99 129	71 613,024	2 027 063,425	28,306	27,843	61	66	82 286	13 559,910	169 389,714	12,492	12,029
12	17	99 110	69 513,515	1 955 450,401	28,131	27,667	62	67	80 702	12 911,431	155 829,804	12,069	11,606
13	18	99 088	67 474,126	1 885 936,885	27,951	27,487	63	68	79 007	12 272,111	142 918,373	11,646	11,183
14	19	99 063	65 492,140	1 818 462,759	27,766	27,303	64	69	77 188	11 640,319	130 646,262	11,224	10,760
15	20	99 034	63 566,297	1 752 970,619	27,577	27,114	65	70	75 218	11 012,913	119 005,943	10,806	10,343
16	21	99 003	61 695,159	1 689 404,323	27,383	26,920	66	71	73 134	10 395,857	107 993,030	10,388	9,925
17	22	98 963	59 874,348	1 627 709,163	27,185	26,722	67	72	70 912	9 786,419	97 597,173	9,973	9,509
18	23	98 920	58 105,185	1 567 834,815	26,983	26,519	68	73	68 589	9 190,133	87 810,754	9,555	9,092
19	24	98 866	56 381,802	1 509 729,630	26,777	26,314	69	74	66 116	8 600,842	78 620,621	9,141	8,678
20	25	98 810	54 708,536	1 453 347,829	26,565	26,102	70	75	63 545	8 025,576	70 019,780	8,725	8,261
21	26	98 750	53 082,844	1 398 639,293	26,348	25,885	71	76	60 865	7 463,178	61 994,203	8,307	7,843
22	27	98 692	51 506,716	1 345 556,448	26,124	25,661	72	77	58 033	6 908,625	54 531,025	7,893	7,430
23	28	98 630	49 975,071	1 294 049,733	25,894	25,431	73	78	55 155	6 374,765	47 622,400	7,470	7,007
24	29	98 565	48 487,557	1 244 074,661	25,658	25,194	74	79	52 107	5 847,125	41 247,635	7,054	6,591
25	30	98 496	47 042,123	1 195 587,104	25,415	24,952	75	80	48 927	5 330,357	35 400,510	6,641	6,178
26	31	98 424	45 638,882	1 148 544,981	25,166	24,703	76	81	45 586	4 821,681	30 070,153	6,236	5,773
27	32	98 349	44 275,807	1 102 906,099	24,910	24,447	77	82	42 105	4 323,834	25 248,473	5,839	5,376
28	33	98 272	42 952,455	1 058 630,292	24,647	24,183	78	83	38 511	3 839,515	20 924,639	5,450	4,987
29	34	98 192	41 667,526	1 015 677,837	24,376	23,913	79	84	34 758	3 364,430	17 085,124	5,078	4,615
30	35	98 106	40 418,514	974 010,311	24,098	23,635	80	85	30 931	2 906,785	13 720,694	4,720	4,257
31	36	98 009	39 202,239	933 591,797	23,815	23,352	81	86	27 053	2 468,317	10 813,909	4,381	3,918
32	37	97 906	38 020,454	894 389,558	23,524	23,061	82	87	23 207	2 055,713	8 345,592	4,060	3,596
33	38	97 797	36 871,885	856 369,103	23,226	22,762	83	88	19 456	1 673,274	6 289,880	3,759	3,296
34	39	97 674	35 753,027	819 497,218	22,921	22,458	84	89	15 889	1 326,675	4 616,606	3,480	3,017
35	40	97 542	34 664,714	783 744,191	22,609	22,146	85	90	12 602	1 021,608	3 289,931	3,220	2,757
36	41	97 406	33 608,361	749 079,478	22,288	21,825	86	91	9 653	759,725	2 268,323	2,986	2,522
37	42	97 249	32 576,766	715 471,117	21,963	21,499	87	92	7 128	544,662	1 508,598	2,770	2,307
38	43	97 074	31 570,884	682 894,351	21,631	21,167	88	93	5 041	374,004	963,936	2,577	2,114
39	44	96 888	30 592,775	651 323,466	21,290	20,827	89	94	3 401	244,934	589,932	2,409	1,945
40	45	96 685	29 639,367	620 730,692	20,943	20,480	90	95	2 188	152,967	344,998	2,255	1,792
41	46	96 461	28 709,558	591 091,324	20,589	20,125	91	96	1 332	90,442	192,030	2,123	1,660
42	47	96 207	27 799,960	562 381,767	20,230	19,766	92	97	767	50,582	101,589	2,008	1,545
43	48	95 946	26 917,051	534 581,807	19,860	19,397	93	98	420	26,878	51,007	1,898	1,434
44	49	95 648	26 051,802	507 664,756	19,487	19,024	94	99	216	13,418	24,128	1,798	1,335
45	50	95 321	25 206,637	481 612,954	19,107	18,643	95	100	104	6,246	10,710	1,715	1,251
46	51	94 967	24 381,430	456 406,317	18,719	18,256							
47	52	94 574	23 573,412	432 024,887	18,327	17,864							
48	53	94 146	22 783,110	408 451,475	17,928	17,465							
49	54	93 666	22 006,793	385 668,364	17,525	17,062							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	2 966 498,228	29,769	29,306	50	56	92 844	21 178,277	357 979,637	16,903	16,440
1	7	99 305	96 412,612	2 866 848,575	29,735	29,272	51	57	92 232	20 426,056	336 801,360	16,489	16,026
2	8	99 276	93 577,399	2 770 435,963	29,606	29,143	52	58	91 557	19 685,943	316 375,305	16,071	15,608
3	9	99 256	90 833,212	2 676 858,564	29,470	29,007	53	59	90 811	18 956,743	296 689,362	15,651	15,188
4	10	99 239	88 172,444	2 586 025,352	29,329	28,866	54	60	89 982	18 236,618	277 732,619	15,229	14,766
5	11	99 222	85 589,788	2 497 852,908	29,184	28,721	55	61	89 072	17 526,461	259 496,001	14,806	14,343
6	12	99 205	83 082,940	2 412 263,120	29,034	28,571	56	62	88 071	16 824,702	241 969,540	14,382	13,919
7	13	99 190	80 650,688	2 329 180,180	28,880	28,417	57	63	86 977	16 131,836	225 144,838	13,957	13,493
8	14	99 173	78 287,841	2 248 529,492	28,721	28,258	58	64	85 779	15 446,124	209 013,002	13,532	13,069
9	15	99 156	75 994,813	2 170 241,651	28,558	28,095	59	65	84 485	14 770,161	193 566,879	13,105	12,642
10	16	99 137	73 766,908	2 094 246,838	28,390	27,927	60	66	83 080	14 101,436	178 796,718	12,679	12,216
11	17	99 117	71 603,869	2 020 479,929	28,217	27,754	61	67	81 566	13 441,155	164 695,282	12,253	11,790
12	18	99 097	69 504,503	1 948 876,060	28,040	27,576	62	68	79 946	12 790,607	151 254,127	11,825	11,362
13	19	99 072	67 463,173	1 879 371,557	27,858	27,395	63	69	78 201	12 146,887	138 463,520	11,399	10,936
14	20	99 046	65 481,375	1 811 908,384	27,671	27,207	64	70	76 296	11 505,916	126 316,633	10,978	10,515
15	21	99 018	63 555,892	1 746 427,009	27,479	27,015	65	71	74 274	10 874,681	114 810,717	10,558	10,094
16	22	98 986	61 684,684	1 682 871,117	27,282	26,819	66	72	72 123	10 252,244	103 936,035	10,138	9,675
17	23	98 947	59 864,302	1 621 186,433	27,081	26,618	67	73	69 852	9 640,133	93 683,792	9,718	9,255
18	24	98 904	58 095,681	1 561 322,130	26,875	26,412	68	74	67 441	9 036,326	84 043,659	9,301	8,837
19	25	98 850	56 372,540	1 503 226,449	26,666	26,203	69	75	64 914	8 444,374	75 007,333	8,883	8,419
20	26	98 790	54 697,900	1 446 853,909	26,452	25,989	70	76	62 267	7 864,102	66 562,959	8,464	8,001
21	27	98 732	53 073,383	1 392 156,009	26,231	25,768	71	77	59 517	7 297,877	58 698,857	8,043	7,580
22	28	98 671	51 495,912	1 339 082,626	26,004	25,540	72	78	56 643	6 743,244	51 400,980	7,623	7,159
23	29	98 607	49 963,178	1 287 586,714	25,771	25,307	73	79	53 654	6 201,323	44 657,736	7,201	6,738
24	30	98 541	48 475,592	1 237 623,536	25,531	25,068	74	80	50 502	5 666,985	38 456,413	6,786	6,323
25	31	98 468	47 028,820	1 189 147,945	25,286	24,822	75	81	47 202	5 142,400	32 789,428	6,376	5,913
26	32	98 393	45 624,186	1 142 119,124	25,033	24,570	76	82	43 743	4 626,811	27 647,028	5,975	5,512
27	33	98 316	44 260,934	1 096 494,938	24,773	24,310	77	83	40 126	4 120,604	23 020,217	5,587	5,123
28	34	98 238	42 937,412	1 052 234,004	24,506	24,043	78	84	36 385	3 627,590	18 899,613	5,210	4,747
29	35	98 155	41 651,618	1 009 296,592	24,232	23,769	79	85	32 541	3 149,820	15 272,023	4,849	4,385
30	36	98 061	40 399,641	967 644,974	23,952	23,489	80	86	28 651	2 692,573	12 122,203	4,502	4,039
31	37	97 962	39 183,545	927 245,333	23,664	23,201	81	87	24 746	2 257,823	9 429,631	4,176	3,713
32	38	97 856	38 001,257	888 061,788	23,369	22,906	82	88	20 907	1 852,002	7 171,808	3,872	3,409
33	39	97 742	36 851,454	850 060,531	23,067	22,604	83	89	17 252	1 483,685	5 319,806	3,586	3,122
34	40	97 610	35 729,764	813 209,077	22,760	22,297	84	90	13 842	1 155,791	3 836,121	3,319	2,856
35	41	97 480	34 642,766	777 479,313	22,443	21,980	85	91	10 748	871,312	2 680,330	3,076	2,613
36	42	97 335	33 583,728	742 836,546	22,119	21,656	86	92	8 051	633,665	1 809,018	2,855	2,392
37	43	97 171	32 550,482	709 252,818	21,789	21,326	87	93	5 788	442,295	1 175,353	2,657	2,194
38	44	96 987	31 542,607	676 702,337	21,454	20,990	88	94	3 985	295,666	733,058	2,479	2,016
39	45	96 797	30 563,838	645 159,730	21,109	20,645	89	95	2 620	188,733	437,392	2,318	1,854
40	46	96 581	29 607,486	614 595,892	20,758	20,295	90	96	1 631	114,075	248,659	2,180	1,717
41	47	96 347	28 675,560	584 988,406	20,400	19,937	91	97	960	65,180	134,584	2,065	1,602
42	48	96 082	27 763,837	556 312,846	20,037	19,574	92	98	541	35,674	69,404	1,946	1,482
43	49	95 801	26 876,215	528 549,009	19,666	19,203	93	99	286	18,304	33,731	1,843	1,380
44	50	95 487	26 007,929	501 672,794	19,289	18,826	94	100	142	8,812	15,427	1,751	1,287
45	51	95 146	25 160,158	475 664,865	18,905	18,442							
46	52	94 770	24 330,802	450 504,707	18,516	18,053							
47	53	94 366	23 521,446	426 173,904	18,119	17,655							
48	54	93 912	22 726,641	402 652,458	17,717	17,254							
49	55	93 408	21 946,181	379 925,817	17,312	16,848							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	2 959 408,835	29,700	29,237	50	57	92 530	21 106,660	351 950,837	16,675	16,212
1	8	99 300	96 408,020	2 859 766,458	29,663	29,200	51	58	91 886	20 349,329	330 844,176	16,258	15,795
2	9	99 269	93 570,655	2 763 358,437	29,532	29,069	52	59	91 175	19 603,782	310 494,847	15,839	15,375
3	10	99 251	90 828,384	2 669 787,782	29,394	28,931	53	60	90 390	18 868,889	290 891,065	15,416	14,953
4	11	99 233	88 167,542	2 578 959,399	29,251	28,787	54	61	89 520	18 143,122	272 022,176	14,993	14,530
5	12	99 214	85 583,206	2 490 791,857	29,104	28,641	55	62	88 575	17 428,555	253 879,054	14,567	14,104
6	13	99 199	83 077,689	2 405 208,651	28,951	28,488	56	63	87 532	16 721,703	236 450,499	14,140	13,677
7	14	99 182	80 644,314	2 322 130,961	28,795	28,332	57	64	86 389	16 022,782	219 728,797	13,714	13,250
8	15	99 164	78 280,619	2 241 486,648	28,634	28,171	58	65	85 143	15 331,687	203 706,015	13,287	12,823
9	16	99 145	75 986,015	2 163 206,029	28,468	28,005	59	66	83 808	14 651,798	188 374,329	12,857	12,394
10	17	99 124	73 757,478	2 087 220,014	28,298	27,835	60	67	82 352	13 977,939	173 722,531	12,428	11,965
11	18	99 104	71 594,586	2 013 462,536	28,123	27,660	61	68	80 802	13 315,374	159 744,593	11,997	11,534
12	19	99 081	69 493,221	1 941 867,950	27,943	27,480	62	69	79 131	12 660,092	146 429,219	11,566	11,103
13	20	99 056	67 452,085	1 872 374,729	27,759	27,295	63	70	77 298	12 006,636	133 769,127	11,141	10,678
14	21	99 030	65 470,657	1 804 922,645	27,568	27,105	64	71	75 339	11 361,497	121 762,491	10,717	10,254
15	22	99 001	63 545,101	1 739 451,987	27,374	26,910	65	72	73 248	10 724,453	110 400,995	10,294	9,831
16	23	98 969	61 674,335	1 675 906,887	27,173	26,710	66	73	71 045	10 098,994	99 676,541	9,870	9,407
17	24	98 930	59 854,511	1 614 232,552	26,969	26,506	67	74	68 683	9 478,795	89 577,547	9,450	8,987
18	25	98 888	58 086,138	1 554 378,041	26,760	26,297	68	75	66 214	8 871,936	80 098,752	9,028	8,565
19	26	98 830	56 361,580	1 496 291,904	26,548	26,085	69	76	63 608	8 274,473	71 226,816	8,608	8,145
20	27	98 773	54 688,151	1 439 930,323	26,330	25,867	70	77	60 887	7 689,921	62 952,343	8,186	7,723
21	28	98 711	53 062,251	1 385 242,173	26,106	25,643	71	78	58 092	7 123,177	55 262,421	7,758	7,295
22	29	98 648	51 483,657	1 332 179,922	25,876	25,413	72	79	55 102	6 559,777	48 139,244	7,339	6,875
23	30	98 582	49 950,849	1 280 696,265	25,639	25,176	73	80	52 001	6 010,271	41 579,467	6,918	6,455
24	31	98 513	48 461,884	1 230 745,416	25,396	24,933	74	81	48 721	5 467,158	35 569,196	6,506	6,043
25	32	98 436	47 013,677	1 182 283,533	25,148	24,684	75	82	45 294	4 934,569	30 102,038	6,100	5,637
26	33	98 360	45 608,861	1 135 269,856	24,891	24,428	76	83	41 687	4 409,340	25 167,469	5,708	5,245
27	34	98 282	44 245,433	1 089 660,995	24,628	24,164	77	84	37 911	3 893,164	20 758,129	5,332	4,869
28	35	98 200	42 921,018	1 045 415,562	24,357	23,894	78	85	34 064	3 396,193	16 864,966	4,966	4,503
29	36	98 109	41 632,169	1 002 494,544	24,080	23,617	79	86	30 143	2 917,698	13 468,773	4,616	4,153
30	37	98 014	40 380,376	960 862,374	23,795	23,332	80	87	26 208	2 462,954	10 551,075	4,284	3,821
31	38	97 913	39 163,760	920 481,998	23,503	23,040	81	88	22 294	2 034,084	8 088,121	3,976	3,513
32	39	97 802	37 980,200	881 318,238	23,205	22,741	82	89	18 538	1 642,163	6 054,036	3,687	3,223
33	40	97 679	36 827,477	843 338,038	22,900	22,436	83	90	15 030	1 292,577	4 411,874	3,413	2,950
34	41	97 549	35 707,143	806 510,561	22,587	22,124	84	91	11 806	985,755	3 119,296	3,164	2,701
35	42	97 409	34 617,375	770 803,418	22,266	21,803	85	92	8 965	726,737	2 133,542	2,936	2,473
36	43	97 256	33 556,631	736 186,043	21,939	21,475	86	93	6 538	514,570	1 406,805	2,734	2,271
37	44	97 084	32 521,326	702 629,413	21,605	21,142	87	94	4 576	349,652	892,235	2,552	2,089
38	45	96 895	31 512,772	670 108,086	21,265	20,801	88	95	3 071	227,823	542,583	2,382	1,918
39	46	96 692	30 530,962	638 595,314	20,916	20,453	89	96	1 954	140,747	314,759	2,236	1,773
40	47	96 466	29 572,425	608 064,352	20,562	20,099	90	97	1 176	82,212	174,012	2,117	1,653
41	48	96 222	28 638,300	578 491,927	20,200	19,737	91	98	677	45,969	91,800	1,997	1,534
42	49	95 936	27 721,717	549 853,627	19,835	19,372	92	99	369	24,293	45,831	1,887	1,423
43	50	95 639	26 830,954	522 131,911	19,460	18,997	93	100	188	12,021	21,538	1,792	1,329
44	51	95 311	25 959,973	495 300,957	19,079	18,616							
45	52	94 948	25 107,913	469 340,984	18,693	18,230							
46	53	94 561	24 277,167	444 233,071	18,298	17,835							
47	54	94 132	23 463,147	419 955,904	17,899	17,435							
48	55	93 654	22 664,045	396 492,758	17,494	17,031							
49	56	93 117	21 877,876	373 828,713	17,087	16,624							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	2 951 869,119	29,626	29,163	50	58	92 182	21 027,378	345 571,272	16,434	15,971
1	9	99 293	96 401,072	2 852 231,487	29,587	29,124	51	59	91 502	20 264,400	324 543,894	16,015	15,552
2	10	99 264	93 565,682	2 755 830,415	29,453	28,990	52	60	90 752	19 512,929	304 279,494	15,594	15,131
3	11	99 245	90 823,334	2 662 264,733	29,313	28,849	53	61	89 926	18 772,152	284 766,566	15,170	14,706
4	12	99 226	88 160,762	2 571 441,399	29,168	28,704	54	62	89 020	18 041,771	265 994,414	14,743	14,280
5	13	99 208	85 577,798	2 483 280,638	29,018	28,555	55	63	88 032	17 321,859	247 952,642	14,314	13,851
6	14	99 191	83 071,123	2 397 702,840	28,863	28,400	56	64	86 940	16 608,661	230 630,784	13,886	13,423
7	15	99 173	80 636,874	2 314 631,717	28,704	28,241	57	65	85 749	15 904,072	214 022,123	13,457	12,994
8	16	99 152	78 271,556	2 233 994,843	28,542	28,078	58	66	84 461	15 208,823	198 118,051	13,027	12,563
9	17	99 132	75 976,301	2 155 723,287	28,374	27,910	59	67	83 074	14 523,481	182 909,228	12,594	12,131
10	18	99 111	73 747,915	2 079 746,986	28,201	27,738	60	68	81 582	13 847,134	168 385,747	12,160	11,697
11	19	99 088	71 582,964	2 005 999,071	28,023	27,560	61	69	79 978	13 179,504	154 538,613	11,726	11,262
12	20	99 064	69 481,267	1 934 416,106	27,841	27,377	62	70	78 217	12 513,915	141 359,109	11,296	10,833
13	21	99 039	67 441,044	1 864 934,308	27,653	27,190	63	71	76 327	11 855,931	128 845,194	10,868	10,404
14	22	99 013	65 459,540	1 797 493,264	27,460	26,996	64	72	74 298	11 204,543	116 989,263	10,441	9,978
15	23	98 985	63 534,439	1 732 033,723	27,261	26,798	65	73	72 153	10 564,145	105 784,720	10,014	9,550
16	24	98 953	61 664,247	1 668 499,284	27,058	26,595	66	74	69 856	9 929,977	95 220,575	9,589	9,126
17	25	98 914	59 844,679	1 606 835,037	26,850	26,387	67	75	67 433	9 306,356	85 290,598	9,165	8,702
18	26	98 869	58 074,845	1 546 990,358	26,638	26,175	68	76	64 882	8 693,433	75 984,242	8,740	8,277
19	27	98 813	56 351,534	1 488 915,513	26,422	25,959	69	77	62 199	8 091,204	67 290,809	8,317	7,853
20	28	98 752	54 676,680	1 432 563,979	26,201	25,737	70	78	59 430	7 505,837	59 199,605	7,887	7,424
21	29	98 688	53 049,623	1 377 887,299	25,974	25,510	71	79	56 512	6 929,374	51 693,769	7,460	6,997
22	30	98 624	51 470,952	1 324 837,676	25,740	25,276	72	80	53 405	6 357,681	44 764,395	7,041	6,578
23	31	98 554	49 936,723	1 273 366,724	25,500	25,036	73	81	50 167	5 798,339	38 406,715	6,624	6,161
24	32	98 481	48 446,279	1 223 430,001	25,253	24,790	74	82	46 752	5 246,201	32 608,375	6,216	5,752
25	33	98 403	46 997,885	1 174 983,722	25,001	24,538	75	83	43 165	4 702,633	27 362,174	5,818	5,355
26	34	98 325	45 592,887	1 127 985,837	24,740	24,277	76	84	39 386	4 165,963	22 659,541	5,439	4,976
27	35	98 244	44 228,540	1 082 392,950	24,473	24,010	77	85	35 493	3 644,826	18 493,578	5,074	4,611
28	36	98 154	42 900,977	1 038 164,410	24,199	23,736	78	86	31 554	3 145,915	14 848,752	4,720	4,257
29	37	98 062	41 612,317	995 263,433	23,918	23,454	79	87	27 572	2 668,881	11 702,837	4,385	3,922
30	38	97 964	40 359,987	953 651,116	23,629	23,165	80	88	23 611	2 218,888	9 033,956	4,071	3,608
31	39	97 858	39 142,059	913 291,129	23,333	22,870	81	89	19 768	1 803,614	6 815,068	3,779	3,315
32	40	97 739	37 955,488	874 149,070	23,031	22,568	82	90	16 150	1 430,642	5 011,453	3,503	3,040
33	41	97 617	36 804,160	836 193,582	22,720	22,257	83	91	12 818	1 102,417	3 580,811	3,248	2,785
34	42	97 477	35 680,971	799 389,421	22,404	21,941	84	92	9 847	822,190	2 478,394	3,014	2,551
35	43	97 330	34 589,444	763 708,450	22,079	21,616	85	93	7 280	590,150	1 656,204	2,806	2,343
36	44	97 169	33 526,574	729 119,006	21,747	21,284	86	94	5 169	406,789	1 066,055	2,621	2,157
37	45	96 992	32 490,566	695 592,432	21,409	20,946	87	95	3 526	269,422	659,266	2,447	1,984
38	46	96 791	31 478,875	663 101,866	21,065	20,602	88	96	2 290	169,899	389,843	2,295	1,831
39	47	96 578	30 494,808	631 622,991	20,712	20,249	89	97	1 408	101,434	219,945	2,168	1,705
40	48	96 341	29 533,999	601 128,183	20,354	19,891	90	98	829	57,981	118,510	2,044	1,581
41	49	96 076	28 594,852	571 594,184	19,989	19,526	91	99	461	31,304	60,529	1,934	1,470
42	50	95 775	27 675,031	542 999,331	19,621	19,157	92	100	242	15,954	29,226	1,832	1,369
43	51	95 463	26 781,480	515 324,300	19,242	18,779							
44	52	95 113	25 906,067	488 542,820	18,858	18,395							
45	53	94 739	25 052,564	462 636,753	18,467	18,003							
46	54	94 326	24 216,994	437 584,188	18,069	17,606							
47	55	93 872	23 398,523	413 367,194	17,666	17,203							
48	56	93 362	22 593,506	389 968,672	17,260	16,797							
49	57	92 802	21 803,894	367 375,166	16,849	16,386							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	2 943 864,891	29,548	29,085	50	59	91 797	20 939,618	338 840,401	16,182	15,719
1	10	99 288	96 395,948	2 844 234,441	29,506	29,043	51	60	91 078	20 170,485	317 900,783	15,761	15,297
2	11	99 258	93 560,480	2 747 838,492	29,370	28,906	52	61	90 287	19 412,890	297 730,297	15,337	14,874
3	12	99 237	90 816,350	2 654 278,012	29,227	28,764	53	62	89 424	18 667,287	278 317,408	14,909	14,446
4	13	99 219	88 155,190	2 563 461,662	29,079	28,616	54	63	88 475	17 931,321	259 650,120	14,480	14,017
5	14	99 200	85 571,033	2 475 306,472	28,927	28,464	55	64	87 437	17 204,760	241 718,799	14,050	13,586
6	15	99 182	83 063,460	2 389 735,439	28,770	28,307	56	65	86 296	16 485,611	224 514,040	13,619	13,156
7	16	99 162	80 627,539	2 306 671,979	28,609	28,146	57	66	85 062	15 776,622	208 028,429	13,186	12,723
8	17	99 139	78 261,550	2 226 044,441	28,444	27,980	58	67	83 721	15 075,628	192 251,807	12,752	12,289
9	18	99 119	75 966,450	2 147 782,891	28,273	27,810	59	68	82 297	14 387,571	177 176,179	12,315	11,851
10	19	99 095	73 735,944	2 071 816,440	28,098	27,635	60	69	80 749	13 705,838	162 788,609	11,877	11,414
11	20	99 071	71 571,199	1 998 080,496	27,917	27,454	61	70	79 054	13 027,330	149 082,770	11,444	10,981
12	21	99 048	69 470,425	1 926 509,297	27,731	27,268	62	71	77 235	12 356,843	136 055,441	11,011	10,547
13	22	99 023	67 429,593	1 857 038,872	27,540	27,077	63	72	75 273	11 692,148	123 698,598	10,580	10,116
14	23	98 997	65 448,558	1 789 609,279	27,344	26,881	64	73	73 187	11 037,059	112 006,450	10,148	9,685
15	24	98 968	63 524,048	1 724 160,722	27,142	26,679	65	74	70 945	10 387,343	100 969,391	9,720	9,257
16	25	98 937	61 654,118	1 660 636,674	26,935	26,472	66	75	68 585	9 749,330	90 582,048	9,291	8,828
17	26	98 895	59 833,044	1 598 982,556	26,724	26,261	67	76	66 076	9 119,112	80 832,719	8,864	8,401
18	27	98 851	58 064,494	1 539 149,512	26,508	26,044	68	77	63 445	8 500,884	71 713,607	8,436	7,973
19	28	98 792	56 339,715	1 481 085,019	26,288	25,825	69	78	60 710	7 897,513	63 212,723	8,004	7,541
20	29	98 729	54 663,668	1 424 745,304	26,064	25,601	70	79	57 813	7 301,622	55 315,210	7,576	7,113
21	30	98 664	53 036,532	1 370 081,636	25,833	25,370	71	80	54 770	6 715,891	48 013,588	7,149	6,686
22	31	98 596	51 456,397	1 317 045,104	25,595	25,132	72	81	51 522	6 133,499	41 297,698	6,733	6,270
23	32	98 523	49 920,643	1 265 588,707	25,352	24,889	73	82	48 140	5 563,998	35 164,198	6,320	5,857
24	33	98 448	48 430,005	1 215 668,064	25,102	24,638	74	83	44 554	4 999,618	29 600,201	5,920	5,457
25	34	98 369	46 981,425	1 167 238,059	24,845	24,381	75	84	40 783	4 443,067	24 600,583	5,537	5,074
26	35	98 288	45 575,480	1 120 256,634	24,580	24,117	76	85	36 874	3 900,224	20 157,516	5,168	4,705
27	36	98 198	44 207,889	1 074 681,154	24,310	23,846	77	86	32 877	3 376,225	16 257,291	4,815	4,352
28	37	98 108	42 880,519	1 030 473,265	24,031	23,568	78	87	28 863	2 877,636	12 881,066	4,476	4,013
29	38	98 013	41 591,305	987 592,746	23,745	23,282	79	88	24 840	2 404,409	10 003,430	4,160	3,697
30	39	97 910	40 337,623	946 001,441	23,452	22,989	80	89	20 936	1 967,479	7 599,021	3,862	3,399
31	40	97 795	39 116,591	905 663,817	23,153	22,690	81	90	17 222	1 571,298	5 631,542	3,584	3,121
32	41	97 677	37 931,457	866 547,226	22,845	22,382	82	91	13 774	1 220,170	4 060,244	3,328	2,864
33	42	97 545	36 777,185	828 615,768	22,531	22,067	83	92	10 692	919,495	2 840,074	3,089	2,626
34	43	97 398	35 652,182	791 838,583	22,210	21,747	84	93	7 996	667,663	1 920,579	2,877	2,413
35	44	97 243	34 558,463	756 186,401	21,881	21,418	85	94	5 755	466,538	1 252,916	2,686	2,222
36	45	97 077	33 494,863	721 627,938	21,544	21,081	86	95	3 983	313,449	786,379	2,509	2,046
37	46	96 887	32 455,617	688 133,076	21,202	20,739	87	96	2 629	200,921	472,930	2,354	1,891
38	47	96 676	31 441,598	655 677,458	20,854	20,391	88	97	1 650	122,444	272,009	2,222	1,758
39	48	96 452	30 455,184	624 235,860	20,497	20,034	89	98	993	71,538	149,566	2,091	1,628
40	49	96 195	29 489,193	593 780,677	20,136	19,672	90	99	565	39,484	78,028	1,976	1,513
41	50	95 914	28 546,697	564 291,484	19,767	19,304	91	100	303	20,559	38,544	1,875	1,412
42	51	95 598	27 624,001	535 744,787	19,394	18,931							
43	52	95 265	26 725,868	508 120,785	19,012	18,549							
44	53	94 903	25 848,959	481 394,917	18,623	18,160							
45	54	94 504	24 990,470	455 545,958	18,229	17,766							
46	55	94 066	24 150,294	430 555,488	17,828	17,365							
47	56	93 580	23 325,698	406 405,195	17,423	16,960							
48	57	93 046	22 517,104	383 079,497	17,013	16,550							
49	58	92 454	21 721,992	360 562,393	16,599	16,136							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	2 935 387,719	29,464	29,001	50	60	91 372	20 842,574	331 759,571	15,917	15,454
1	11	99 282	96 390,590	2 835 762,564	29,419	28,956	51	61	90 611	20 067,075	310 916,996	15,494	15,031
2	12	99 251	93 553,285	2 739 371,974	29,281	28,818	52	62	89 783	19 304,446	290 849,921	15,066	14,603
3	13	99 231	90 810,610	2 645 818,689	29,136	28,672	53	63	88 877	18 553,008	271 545,475	14,636	14,173
4	14	99 212	88 148,222	2 555 008,079	28,985	28,522	54	64	87 877	17 810,102	252 992,468	14,205	13,742
5	15	99 191	85 563,140	2 466 859,857	28,831	28,368	55	65	86 789	17 077,293	235 182,366	13,772	13,308
6	16	99 171	83 053,843	2 381 296,717	28,672	28,208	56	66	85 604	16 353,500	218 105,072	13,337	12,874
7	17	99 149	80 617,231	2 298 242,874	28,508	28,045	57	67	84 317	15 638,454	201 751,572	12,901	12,438
8	18	99 127	78 251,403	2 217 625,643	28,340	27,877	58	68	82 938	14 934,551	186 113,119	12,462	11,999
9	19	99 103	75 954,119	2 139 374,240	28,167	27,703	59	69	81 457	14 240,760	171 178,568	12,020	11,557
10	20	99 079	73 723,825	2 063 420,120	27,989	27,525	60	70	79 817	13 547,587	156 937,807	11,584	11,121
11	21	99 055	71 559,484	1 989 696,296	27,805	27,342	61	71	78 062	12 863,814	143 390,221	11,147	10,684
12	22	99 031	69 458,630	1 918 136,812	27,616	27,152	62	72	76 168	12 186,140	130 526,407	10,711	10,248
13	23	99 006	67 418,279	1 848 678,183	27,421	26,958	63	73	74 148	11 517,374	118 340,267	10,275	9,812
14	24	98 981	65 437,853	1 781 259,903	27,221	26,757	64	74	71 962	10 852,342	106 822,893	9,843	9,380
15	25	98 952	63 513,612	1 715 822,050	27,015	26,552	65	75	69 655	10 198,375	95 970,551	9,410	8,947
16	26	98 918	61 642,131	1 652 308,437	26,805	26,342	66	76	67 205	9 553,173	85 772,175	8,978	8,515
17	27	98 877	59 822,379	1 590 666,306	26,590	26,127	67	77	64 613	8 917,134	76 219,002	8,547	8,084
18	28	98 830	58 052,315	1 530 843,927	26,370	25,907	68	78	61 926	8 297,386	67 301,868	8,111	7,648
19	29	98 769	56 326,307	1 472 791,612	26,147	25,684	69	79	59 058	7 682,641	59 004,482	7,680	7,217
20	30	98 704	54 650,178	1 416 465,305	25,919	25,456	70	80	56 032	7 076,670	51 321,840	7,252	6,789
21	31	98 636	53 021,534	1 361 815,127	25,684	25,221	71	81	52 839	6 479,078	44 245,170	6,829	6,366
22	32	98 564	51 439,828	1 308 793,593	25,443	24,980	72	82	49 439	5 885,612	37 766,092	6,417	5,953
23	33	98 490	49 903,875	1 257 353,765	25,196	24,732	73	83	45 877	5 302,477	31 880,480	6,012	5,549
24	34	98 414	48 413,044	1 207 449,890	24,941	24,477	74	84	42 095	4 723,660	26 578,002	5,627	5,163
25	35	98 331	46 963,487	1 159 036,847	24,680	24,216	75	85	38 181	4 159,653	21 854,343	5,254	4,791
26	36	98 242	45 554,199	1 112 073,359	24,412	23,949	76	86	34 156	3 612,802	17 694,690	4,898	4,435
27	37	98 152	44 186,808	1 066 519,160	24,137	23,673	77	87	30 074	3 088,306	14 081,888	4,560	4,097
28	38	98 058	42 858,868	1 022 332,352	23,853	23,390	78	88	26 003	2 592,477	10 993,582	4,241	3,777
29	39	97 958	41 568,259	979 473,485	23,563	23,100	79	89	22 025	2 131,979	8 401,105	3,941	3,477
30	40	97 846	40 311,378	937 905,226	23,267	22,803	80	90	18 239	1 714,056	6 269,125	3,657	3,194
31	41	97 733	39 091,826	897 593,848	22,961	22,498	81	91	14 688	1 340,133	4 555,069	3,399	2,936
32	42	97 605	37 903,656	858 502,022	22,650	22,186	82	92	11 489	1 017,710	3 214,937	3,159	2,696
33	43	97 467	36 747,511	820 598,366	22,331	21,867	83	93	8 682	746,680	2 197,227	2,943	2,479
34	44	97 311	35 620,249	783 850,855	22,006	21,543	84	94	6 321	527,815	1 450,547	2,748	2,285
35	45	97 151	34 525,775	748 230,606	21,672	21,208	85	95	4 435	359,487	922,732	2,567	2,104
36	46	96 973	33 458,834	713 704,831	21,331	20,868	86	96	2 970	233,753	563,245	2,410	1,946
37	47	96 773	32 417,184	680 245,997	20,984	20,521	87	97	1 895	144,801	329,491	2,275	1,812
38	48	96 550	31 400,744	647 828,813	20,631	20,168	88	98	1 164	86,355	184,690	2,139	1,676
39	49	96 306	30 408,980	616 428,069	20,271	19,808	89	99	676	48,715	98,336	2,019	1,555
40	50	96 033	29 439,531	586 019,090	19,906	19,443	90	100	371	25,931	49,620	1,914	1,450
41	51	95 737	28 494,060	556 579,558	19,533	19,070							
42	52	95 400	27 566,640	528 085,499	19,157	18,693							
43	53	95 055	26 666,953	500 518,859	18,769	18,306							
44	54	94 668	25 784,890	473 851,906	18,377	17,914							
45	55	94 244	24 921,639	448 067,015	17,979	17,516							
46	56	93 774	24 075,129	423 145,376	17,576	17,113							
47	57	93 264	23 246,820	399 070,247	17,167	16,703							
48	58	92 697	22 432,523	375 823,428	16,754	16,290							
49	59	92 068	21 631,334	353 390,904	16,337	15,874							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	2 926 425,339	29,376	28,913	50	61	90 903	20 735,719	324 331,898	15,641	15,178
1	12	99 275	96 383,177	2 826 805,722	29,329	28,866	51	62	90 105	19 954,977	303 596,179	15,214	14,751
2	13	99 244	93 547,372	2 730 422,545	29,188	28,724	52	63	89 233	19 186,266	283 641,203	14,784	14,320
3	14	99 223	90 803,433	2 636 875,173	29,039	28,576	53	64	88 276	18 427,586	264 454,937	14,351	13,888
4	15	99 202	88 140,091	2 546 071,740	28,887	28,423	54	65	87 226	17 678,150	246 027,351	13,917	13,454
5	16	99 180	85 553,234	2 457 931,650	28,730	28,267	55	66	86 094	16 940,441	228 349,201	13,480	13,016
6	17	99 158	83 043,226	2 372 378,416	28,568	28,105	56	67	84 855	16 210,280	211 408,760	13,042	12,578
7	18	99 136	80 606,779	2 289 335,190	28,401	27,938	57	68	83 528	15 492,110	195 198,480	12,600	12,137
8	19	99 110	78 238,702	2 208 728,411	28,231	27,767	58	69	82 091	14 782,159	179 706,370	12,157	11,694
9	20	99 087	75 941,635	2 130 489,710	28,054	27,591	59	70	80 517	14 076,332	164 924,210	11,716	11,253
10	21	99 062	73 711,757	2 054 548,075	27,873	27,410	60	71	78 815	13 377,540	150 847,878	11,276	10,813
11	22	99 038	71 547,333	1 980 836,318	27,686	27,222	61	72	76 984	12 686,107	137 470,337	10,836	10,373
12	23	99 015	69 446,976	1 909 288,984	27,493	27,030	62	73	75 030	12 003,982	124 784,231	10,395	9,932
13	24	98 990	67 407,253	1 839 842,009	27,294	26,831	63	74	72 907	11 324,619	112 780,248	9,959	9,496
14	25	98 964	65 427,104	1 772 434,756	27,090	26,627	64	75	70 653	10 654,915	101 455,629	9,522	9,059
15	26	98 933	63 501,264	1 707 007,652	26,881	26,418	65	76	68 253	9 993,184	90 800,714	9,086	8,623
16	27	98 900	61 631,144	1 643 506,388	26,667	26,204	66	77	65 717	9 341,582	80 807,530	8,650	8,187
17	28	98 857	59 809,832	1 581 875,244	26,448	25,985	67	78	63 066	8 703,672	71 465,948	8,211	7,748
18	29	98 807	58 038,499	1 522 065,412	26,225	25,762	68	79	60 241	8 071,635	62 762,276	7,776	7,312
19	30	98 744	56 312,407	1 464 026,913	25,998	25,535	69	80	57 239	7 445,952	54 690,641	7,345	6,882
20	31	98 676	54 634,724	1 407 714,505	25,766	25,303	70	81	54 056	6 827,136	47 244,690	6,920	6,457
21	32	98 604	53 004,461	1 353 079,781	25,528	25,064	71	82	50 704	6 217,225	40 417,553	6,501	6,038
22	33	98 531	51 422,549	1 300 075,320	25,282	24,819	72	83	47 115	5 608,975	34 200,329	6,097	5,634
23	34	98 455	49 886,397	1 248 652,772	25,030	24,567	73	84	43 345	5 009,802	28 591,354	5,707	5,244
24	35	98 376	48 394,560	1 198 766,375	24,771	24,307	74	85	39 410	4 422,347	23 581,551	5,332	4,869
25	36	98 285	46 941,558	1 150 371,815	24,506	24,043	75	86	35 367	3 853,112	19 159,205	4,972	4,509
26	37	98 195	45 532,476	1 103 430,256	24,234	23,771	76	87	31 244	3 304,708	15 306,092	4,632	4,168
27	38	98 102	44 164,496	1 057 897,780	23,954	23,490	77	88	27 094	2 782,271	12 001,385	4,314	3,850
28	39	98 004	42 835,119	1 013 733,284	23,666	23,203	78	89	23 056	2 298,739	9 219,114	4,011	3,547
29	40	97 895	41 541,213	970 898,164	23,372	22,909	79	90	19 188	1 857,367	6 920,375	3,726	3,263
30	41	97 784	40 285,856	929 356,952	23,069	22,606	80	91	15 556	1 461,889	5 063,007	3,463	3,000
31	42	97 661	39 063,174	889 071,096	22,760	22,297	81	92	12 251	1 117,767	3 601,118	3,222	2,758
32	43	97 526	37 873,073	850 007,922	22,444	21,980	82	93	9 330	826,435	2 483,351	3,005	2,542
33	44	97 379	36 714,597	812 134,849	22,120	21,657	83	94	6 864	590,281	1 656,916	2,807	2,344
34	45	97 219	35 586,557	775 420,252	21,790	21,326	84	95	4 871	406,704	1 066,635	2,623	2,159
35	46	97 046	34 488,637	739 833,695	21,452	20,988	85	96	3 307	268,086	659,930	2,462	1,998
36	47	96 858	33 419,212	705 345,058	21,106	20,643	86	97	2 140	168,463	391,844	2,326	1,863
37	48	96 647	32 375,062	671 925,845	20,754	20,291	87	98	1 336	102,122	223,381	2,187	1,724
38	49	96 404	31 353,105	639 550,783	20,398	19,935	88	99	793	58,805	121,259	2,062	1,599
39	50	96 144	30 357,769	608 197,678	20,034	19,571	89	100	444	31,994	62,453	1,952	1,489
40	51	95 856	29 385,248	577 839,909	19,664	19,201							
41	52	95 538	28 434,892	548 454,661	19,288	18,825							
42	53	95 189	27 505,872	520 019,770	18,906	18,443							
43	54	94 819	26 600,857	492 513,898	18,515	18,052							
44	55	94 407	25 713,872	465 913,041	18,119	17,656							
45	56	93 950	24 844,073	440 199,169	17,718	17,255							
46	57	93 457	23 993,717	415 355,096	17,311	16,848							
47	58	92 913	23 159,498	391 361,379	16,899	16,435							
48	59	92 310	22 338,900	368 201,882	16,483	16,019							
49	60	91 641	21 531,084	345 862,982	16,063	15,600							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	2 916 968,019	29,283	28,820	50	62	90 396	20 619,885	316 561,868	15,352	14,889
1	13	99 268	96 377,086	2 817 356,063	29,233	28,769	51	63	89 554	19 832,814	295 941,983	14,922	14,459
2	14	99 237	93 539,978	2 720 978,978	29,089	28,626	52	64	88 630	19 056,563	276 109,169	14,489	14,026
3	15	99 214	90 795,056	2 627 438,999	28,938	28,475	53	65	87 622	18 291,060	257 052,606	14,053	13,590
4	16	99 191	88 129,886	2 536 643,943	28,783	28,320	54	66	86 527	17 536,483	238 761,546	13,615	13,152
5	17	99 167	85 542,297	2 448 514,057	28,623	28,160	55	67	85 340	16 792,081	221 225,063	13,174	12,711
6	18	99 145	83 032,459	2 362 971,760	28,458	27,995	56	68	84 060	16 058,585	204 432,983	12,730	12,267
7	19	99 120	80 593,695	2 279 939,301	28,289	27,826	57	69	82 676	15 334,029	188 374,398	12,285	11,822
8	20	99 094	78 225,842	2 199 345,607	28,115	27,652	58	70	81 143	14 611,480	173 040,368	11,843	11,380
9	21	99 070	75 929,205	2 121 119,765	27,935	27,472	59	71	79 506	13 899,650	158 428,888	11,398	10,935
10	22	99 046	73 699,241	2 045 190,560	27,750	27,287	60	72	77 726	13 192,736	144 529,238	10,955	10,492
11	23	99 022	71 535,329	1 971 491,319	27,560	27,096	61	73	75 833	12 496,476	131 336,502	10,510	10,047
12	24	98 999	69 435,617	1 899 955,990	27,363	26,900	62	74	73 774	11 803,083	118 840,026	10,069	9,605
13	25	98 974	67 396,180	1 830 520,373	27,161	26,697	63	75	71 581	11 118,600	107 036,943	9,627	9,164
14	26	98 945	65 414,384	1 763 124,193	26,953	26,490	64	76	69 232	10 440,538	95 918,342	9,187	8,724
15	27	98 915	63 489,946	1 697 709,809	26,740	26,277	65	77	66 742	9 771,847	85 477,804	8,747	8,284
16	28	98 879	61 618,217	1 634 219,863	26,522	26,058	66	78	64 144	9 117,959	75 705,957	8,303	7,840
17	29	98 833	59 795,598	1 572 601,646	26,300	25,836	67	79	61 350	8 466,867	66 587,998	7,865	7,401
18	30	98 782	58 024,177	1 512 806,048	26,072	25,609	68	80	58 385	7 822,961	58 121,131	7,430	6,966
19	31	98 716	56 296,483	1 454 781,871	25,841	25,378	69	81	55 220	7 183,396	50 298,170	7,002	6,539
20	32	98 645	54 617,132	1 398 485,388	25,605	25,142	70	82	51 871	6 551,216	43 114,774	6,581	6,118
21	33	98 571	52 986,656	1 343 868,256	25,362	24,899	71	83	48 320	5 925,001	36 563,559	6,171	5,708
22	34	98 496	51 404,539	1 290 881,600	25,112	24,649	72	84	44 515	5 299,383	30 638,558	5,782	5,318
23	35	98 418	49 867,351	1 239 477,061	24,855	24,392	73	85	40 580	4 690,237	25 339,175	5,403	4,939
24	36	98 330	48 371,963	1 189 609,710	24,593	24,130	74	86	36 506	4 096,448	20 648,938	5,041	4,577
25	37	98 238	46 919,174	1 141 237,748	24,323	23,860	75	87	32 351	3 524,524	16 552,491	4,696	4,233
26	38	98 145	45 509,486	1 094 318,574	24,046	23,583	76	88	28 148	2 977,229	13 027,966	4,376	3,913
27	39	98 048	44 140,024	1 048 809,088	23,761	23,298	77	89	24 024	2 467,028	10 050,738	4,074	3,611
28	40	97 940	42 807,249	1 004 669,064	23,470	23,006	78	90	20 087	2 002,647	7 583,709	3,787	3,324
29	41	97 833	41 514,912	961 861,815	23,169	22,706	79	91	16 365	1 584,117	5 581,062	3,523	3,060
30	42	97 713	40 256,328	920 346,903	22,862	22,399	80	92	12 975	1 219,320	3 996,945	3,278	2,815
31	43	97 582	39 031,655	880 090,575	22,548	22,085	81	93	9 948	907,687	2 777,625	3,060	2,597
32	44	97 439	37 839,151	841 058,919	22,227	21,764	82	94	7 375	653,331	1 869,937	2,862	2,399
33	45	97 287	36 679,870	803 219,769	21,898	21,435	83	95	5 289	454,837	1 216,606	2,675	2,212
34	46	97 115	35 548,278	766 539,898	21,563	21,100	84	96	3 632	303,298	761,769	2,512	2,048
35	47	96 931	34 447,796	730 991,620	21,220	20,757	85	97	2 383	193,206	458,470	2,373	1,910
36	48	96 732	33 375,788	696 543,824	20,870	20,407	86	98	1 510	118,810	265,264	2,233	1,769
37	49	96 500	32 325,945	663 168,036	20,515	20,052	87	99	910	69,543	146,454	2,106	1,643
38	50	96 242	31 300,305	630 842,090	20,155	19,691	88	100	521	38,620	76,911	1,991	1,528
39	51	95 967	30 301,792	599 541,785	19,786	19,322							
40	52	95 657	29 324,229	569 239,993	19,412	18,949							
41	53	95 328	28 372,209	539 915,764	19,030	18,567							
42	54	94 954	27 437,696	511 543,555	18,644	18,181							
43	55	94 558	26 527,591	484 105,859	18,249	17,786							
44	56	94 113	25 633,840	457 578,268	17,851	17,387							
45	57	93 633	24 760,061	431 944,428	17,445	16,982							
46	58	93 106	23 903,589	407 184,366	17,034	16,571							
47	59	92 526	23 062,840	383 280,777	16,619	16,156							
48	60	91 882	22 235,371	360 217,937	16,200	15,737							
49	61	91 171	21 420,698	337 982,566	15,778	15,315							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	2 907 008,233	29,185	28,722	50	63	89 842	20 493,652	308 453,807	15,051	14,588
1	14	99 261	96 369,468	2 807 402,573	29,132	28,668	51	64	88 948	19 698,741	287 960,155	14,618	14,155
2	15	99 227	93 531,349	2 711 033,105	28,985	28,522	52	65	87 973	18 915,377	268 261,415	14,182	13,719
3	16	99 203	90 784,544	2 617 501,755	28,832	28,369	53	66	86 920	18 144,481	249 346,038	13,742	13,279
4	17	99 178	88 118,620	2 526 717,211	28,674	28,211	54	67	85 769	17 382,903	231 201,557	13,301	12,837
5	18	99 154	85 531,206	2 438 598,591	28,511	28,048	55	68	84 541	16 634,942	213 818,654	12,854	12,390
6	19	99 129	83 018,981	2 353 067,385	28,344	27,881	56	69	83 203	15 894,724	197 183,713	12,406	11,942
7	20	99 104	80 580,448	2 270 048,404	28,171	27,708	57	70	81 721	15 156,978	181 288,989	11,961	11,498
8	21	99 078	78 213,037	2 189 467,956	27,994	27,530	58	71	80 125	14 428,080	166 132,011	11,514	11,051
9	22	99 054	75 916,312	2 111 254,919	27,810	27,347	59	72	78 408	13 707,633	151 703,931	11,067	10,604
10	23	99 029	73 686,876	2 035 338,607	27,621	27,158	60	73	76 565	12 995,533	137 996,298	10,619	10,156
11	24	99 005	71 523,629	1 961 651,730	27,427	26,963	61	74	74 564	12 287,334	125 000,765	10,173	9,710
12	25	98 982	69 424,211	1 890 128,102	27,226	26,763	62	75	72 432	11 588,360	112 713,430	9,726	9,263
13	26	98 954	67 383,077	1 820 703,891	27,020	26,557	63	76	70 140	10 894,894	101 125,070	9,282	8,819
14	27	98 927	65 402,724	1 753 320,814	26,808	26,345	64	77	67 698	10 209,293	90 230,176	8,838	8,375
15	28	98 895	63 476,629	1 687 918,089	26,591	26,128	65	78	65 144	9 537,924	80 020,883	8,390	7,927
16	29	98 856	61 603,553	1 624 441,460	26,369	25,906	66	79	62 399	8 869,882	70 482,959	7,946	7,483
17	30	98 809	59 780,842	1 562 837,907	26,143	25,680	67	80	59 460	8 206,016	61 613,077	7,508	7,045
18	31	98 754	58 007,769	1 503 057,065	25,911	25,448	68	81	56 326	7 547,111	53 407,061	7,076	6,613
19	32	98 684	56 278,355	1 445 049,296	25,677	25,214	69	82	52 989	6 893,077	45 859,949	6,653	6,190
20	33	98 611	54 598,785	1 388 770,941	25,436	24,973	70	83	49 433	6 243,293	38 966,872	6,241	5,778
21	34	98 536	52 968,099	1 334 172,156	25,188	24,725	71	84	45 653	5 597,965	32 723,579	5,846	5,382
22	35	98 459	51 384,913	1 281 204,057	24,933	24,470	72	85	41 675	4 961,346	27 125,613	5,467	5,004
23	36	98 372	49 844,066	1 229 819,144	24,673	24,210	73	86	37 590	4 344,596	22 164,268	5,102	4,638
24	37	98 283	48 348,896	1 179 975,078	24,405	23,942	74	87	33 393	3 747,109	17 819,672	4,756	4,292
25	38	98 189	46 895,483	1 131 626,182	24,131	23,668	75	88	29 145	3 175,263	14 072,563	4,432	3,969
26	39	98 091	45 484,268	1 084 730,699	23,848	23,385	76	89	24 958	2 639,897	10 897,301	4,128	3,665
27	40	97 984	44 111,305	1 039 246,430	23,560	23,096	77	90	20 929	2 149,260	8 257,404	3,842	3,379
28	41	97 878	42 780,146	995 135,125	23,262	22,798	78	91	17 132	1 708,024	6 108,144	3,576	3,113
29	42	97 761	41 484,484	952 354,979	22,957	22,494	79	92	13 650	1 321,267	4 400,121	3,330	2,867
30	43	97 634	40 223,847	910 870,495	22,645	22,182	80	93	10 536	990,154	3 078,853	3,109	2,646
31	44	97 495	38 996,695	870 646,648	22,326	21,863	81	94	7 865	717,564	2 088,699	2,911	2,448
32	45	97 347	37 803,360	831 649,953	21,999	21,536	82	95	5 683	503,420	1 371,135	2,724	2,260
33	46	97 183	36 640,415	793 846,592	21,666	21,203	83	96	3 944	339,193	867,715	2,558	2,095
34	47	97 000	35 506,182	757 206,177	21,326	20,863	84	97	2 618	218,583	528,521	2,418	1,955
35	48	96 805	34 403,036	721 699,995	20,978	20,515	85	98	1 681	136,261	309,938	2,275	1,811
36	49	96 586	33 325,154	687 296,959	20,624	20,161	86	99	1 028	80,907	173,677	2,147	1,683
37	50	96 338	32 271,506	653 971,805	20,265	19,801	87	100	598	45,672	92,770	2,031	1,568
38	51	96 064	31 242,590	621 700,299	19,899	19,436							
39	52	95 767	30 238,871	590 457,709	19,526	19,063							
40	53	95 446	29 259,586	560 218,838	19,147	18,683							
41	54	95 091	28 301,886	530 959,252	18,761	18,297							
42	55	94 692	27 362,125	502 657,366	18,371	17,907							
43	56	94 264	26 445,027	475 295,241	17,973	17,510							
44	57	93 795	25 547,157	448 850,214	17,569	17,106							
45	58	93 281	24 667,055	423 303,057	17,161	16,697							
46	59	92 717	23 803,826	398 636,002	16,747	16,283							
47	60	92 097	22 955,956	374 832,176	16,328	15,865							
48	61	91 411	22 121,374	351 876,220	15,907	15,443							
49	62	90 662	21 301,038	329 754,845	15,481	15,017							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	2 896 535,048	29,082	28,619	50	64	89 235	20 355,111	300 014,073	14,739	14,276
1	15	99 251	96 360,578	2 796 937,260	29,026	28,563	51	65	88 289	19 552,797	279 658,962	14,303	13,840
2	16	99 216	93 520,521	2 700 576,682	28,877	28,414	52	66	87 268	18 763,795	260 106,166	13,862	13,399
3	17	99 190	90 772,939	2 607 056,161	28,721	28,257	53	67	86 158	17 985,576	241 342,371	13,419	12,955
4	18	99 165	88 107,195	2 516 283,222	28,559	28,096	54	68	84 967	17 220,235	223 356,795	12,971	12,507
5	19	99 138	85 517,322	2 428 176,027	28,394	27,931	55	69	83 679	16 465,199	206 136,560	12,520	12,056
6	20	99 113	83 005,335	2 342 658,705	28,223	27,760	56	70	82 242	15 711,199	189 671,361	12,072	11,609
7	21	99 088	80 567,258	2 259 653,370	28,047	27,584	57	71	80 695	14 966,731	173 960,163	11,623	11,160
8	22	99 061	78 199,757	2 179 086,111	27,866	27,402	58	72	79 018	14 228,764	158 993,432	11,174	10,711
9	23	99 037	75 903,575	2 100 886,354	27,678	27,215	59	73	77 236	13 502,733	144 764,668	10,721	10,258
10	24	99 013	73 674,824	2 024 982,779	27,485	27,022	60	74	75 283	12 778,039	131 261,935	10,272	9,809
11	25	98 989	71 511,880	1 951 307,955	27,286	26,823	61	75	73 207	12 063,802	118 483,896	9,821	9,358
12	26	98 963	69 410,714	1 879 796,075	27,082	26,619	62	76	70 975	11 355,203	106 420,094	9,372	8,909
13	27	98 937	67 371,067	1 810 385,361	26,872	26,409	63	77	68 587	10 653,585	95 064,892	8,923	8,460
14	28	98 907	65 389,006	1 743 014,295	26,656	26,193	64	78	66 078	9 964,898	84 411,307	8,471	8,008
15	29	98 871	63 461,522	1 677 625,289	26,435	25,972	65	79	63 371	9 278,421	74 446,408	8,024	7,560
16	30	98 831	61 588,351	1 614 163,766	26,209	25,746	66	80	60 476	8 596,615	65 167,987	7,581	7,117
17	31	98 781	59 763,937	1 552 575,415	25,978	25,515	67	81	57 364	7 916,660	56 571,372	7,146	6,683
18	32	98 723	57 989,090	1 492 811,478	25,743	25,280	68	82	54 050	7 242,093	48 654,712	6,718	6,255
19	33	98 651	56 259,451	1 434 822,388	25,504	25,040	69	83	50 498	6 569,087	41 412,619	6,304	5,841
20	34	98 577	54 579,663	1 378 562,937	25,258	24,795	70	84	46 705	5 898,690	34 843,533	5,907	5,444
21	35	98 499	52 947,876	1 323 983,274	25,005	24,542	71	85	42 741	5 240,882	28 944,843	5,523	5,060
22	36	98 413	51 360,920	1 271 035,398	24,747	24,284	72	86	38 604	4 595,726	23 703,961	5,158	4,695
23	37	98 325	49 820,297	1 219 674,478	24,481	24,018	73	87	34 384	3 974,095	19 108,235	4,808	4,345
24	38	98 234	48 324,483	1 169 854,181	24,208	23,745	74	88	30 084	3 375,790	15 134,140	4,483	4,020
25	39	98 134	46 869,498	1 121 529,698	23,929	23,466	75	89	25 843	2 815,493	11 758,350	4,176	3,713
26	40	98 027	45 454,674	1 074 660,200	23,642	23,179	76	90	21 744	2 299,861	8 942,858	3,888	3,425
27	41	97 922	44 083,377	1 029 205,525	23,347	22,884	77	91	17 850	1 833,067	6 642,996	3,624	3,161
28	42	97 806	42 748,791	985 122,149	23,044	22,581	78	92	14 289	1 424,614	4 809,929	3,376	2,913
29	43	97 682	41 451,012	942 373,358	22,735	22,271	79	93	11 085	1 072,941	3 385,315	3,155	2,692
30	44	97 546	40 187,819	900 922,346	22,418	21,955	80	94	8 329	782,758	2 312,374	2,954	2,491
31	45	97 403	38 959,810	860 734,526	22,093	21,630	81	95	6 060	552,915	1 529,617	2,766	2,303
32	46	97 242	37 762,697	821 774,716	21,762	21,298	82	96	4 238	375,424	976,702	2,602	2,138
33	47	97 068	36 597,026	784 012,020	21,423	20,960	83	97	2 842	244,452	601,278	2,460	1,996
34	48	96 873	35 460,047	747 414,994	21,078	20,614	84	98	1 846	154,158	356,826	2,315	1,851
35	49	96 659	34 350,843	711 954,947	20,726	20,263	85	99	1 145	92,790	202,668	2,184	1,721
36	50	96 423	33 269,032	677 604,104	20,367	19,904	86	100	675	53,135	109,878	2,068	1,605
37	51	96 160	32 212,001	644 335,072	20,003	19,540							
38	52	95 865	31 177,715	612 123,071	19,633	19,170							
39	53	95 556	30 172,211	580 945,357	19,254	18,791							
40	54	95 209	29 187,064	550 773,145	18,870	18,407							
41	55	94 830	28 223,935	521 586,082	18,480	18,017							
42	56	94 397	27 276,964	493 362,147	18,087	17,624							
43	57	93 945	26 355,601	466 085,183	17,684	17,221							
44	58	93 443	25 451,195	439 729,582	17,277	16,814							
45	59	92 892	24 564,105	414 278,387	16,865	16,402							
46	60	92 287	23 693,508	389 714,282	16,448	15,985							
47	61	91 625	22 838,265	366 020,774	16,027	15,563							
48	62	90 900	21 997,800	343 182,508	15,601	15,138							
49	63	90 107	21 170,635	321 184,708	15,171	14,708							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	2 885 540,522	28,975	28,511	50	65	88 574	20 204,304	291 251,493	14,415	13,952
1	16	99 240	96 349,422	2 785 951,922	28,915	28,452	51	66	87 582	19 396,106	271 047,189	13,974	13,511
2	17	99 203	93 508,565	2 689 602,500	28,763	28,300	52	67	86 504	18 599,466	251 651,082	13,530	13,067
3	18	99 177	90 761,170	2 596 093,934	28,604	28,140	53	68	85 352	17 817,268	233 051,616	13,080	12,617
4	19	99 149	88 092,893	2 505 332,765	28,440	27,976	54	69	84 100	17 044,520	215 234,349	12,628	12,165
5	20	99 122	85 503,266	2 417 239,871	28,271	27,808	55	70	82 712	16 275,087	198 189,829	12,177	11,714
6	21	99 096	82 991,749	2 331 736,605	28,096	27,633	56	71	81 210	15 513,995	181 914,742	11,726	11,263
7	22	99 071	80 553,578	2 248 744,856	27,916	27,453	57	72	79 581	14 759,973	166 400,746	11,274	10,811
8	23	99 044	78 186,637	2 168 191,278	27,731	27,268	58	73	77 837	14 016,074	151 640,773	10,819	10,356
9	24	99 021	75 891,160	2 090 004,641	27,540	27,076	59	74	75 943	13 276,750	137 624,699	10,366	9,903
10	25	98 997	73 662,722	2 014 113,481	27,342	26,879	60	75	73 914	12 545,579	124 347,949	9,912	9,448
11	26	98 970	71 497,977	1 940 450,759	27,140	26,677	61	76	71 734	11 821,078	111 802,369	9,458	8,995
12	27	98 945	69 398,342	1 868 952,782	26,931	26,468	62	77	69 403	11 103,698	99 981,291	9,004	8,541
13	28	98 916	67 356,936	1 799 554,440	26,717	26,253	63	78	66 945	10 398,555	88 877,593	8,547	8,084
14	29	98 883	65 373,444	1 732 197,504	26,497	26,034	64	79	64 280	9 693,778	78 479,038	8,096	7,633
15	30	98 847	63 445,862	1 666 824,060	26,272	25,808	65	80	61 419	8 992,568	68 785,260	7,649	7,186
16	31	98 803	61 570,935	1 603 378,198	26,041	25,578	66	81	58 344	8 293,486	59 792,692	7,210	6,746
17	32	98 749	59 744,693	1 541 807,263	25,807	25,343	67	82	55 045	7 596,706	51 499,206	6,779	6,316
18	33	98 689	57 969,611	1 482 062,570	25,566	25,103	68	83	51 509	6 901,698	43 902,500	6,361	5,898
19	34	98 617	56 239,747	1 424 092,959	25,322	24,859	69	84	47 711	6 206,500	37 000,802	5,962	5,498
20	35	98 539	54 558,825	1 367 853,212	25,071	24,608	70	85	43 726	5 522,424	30 794,302	5,576	5,113
21	36	98 453	52 923,152	1 313 294,386	24,815	24,352	71	86	39 591	4 854,662	25 271,878	5,206	4,742
22	37	98 366	51 336,428	1 260 371,234	24,551	24,088	72	87	35 312	4 203,809	20 417,216	4,857	4,394
23	38	98 275	49 795,141	1 209 034,806	24,280	23,817	73	88	30 977	3 580,283	16 213,407	4,529	4,065
24	39	98 179	48 297,706	1 159 239,665	24,002	23,539	74	89	26 675	2 993,299	12 633,124	4,220	3,757
25	40	98 070	46 839,002	1 110 941,958	23,718	23,255	75	90	22 514	2 452,840	9 639,825	3,930	3,467
26	41	97 965	45 425,896	1 064 102,956	23,425	22,962	76	91	18 545	1 961,513	7 186,986	3,664	3,201
27	42	97 850	44 051,066	1 018 677,060	23,125	22,662	77	92	14 888	1 528,910	5 225,473	3,418	2,955
28	43	97 727	42 714,299	974 625,994	22,817	22,354	78	93	11 603	1 156,864	3 696,563	3,195	2,732
29	44	97 595	41 413,885	931 911,695	22,502	22,039	79	94	8 763	848,204	2 539,699	2,994	2,531
30	45	97 454	40 149,807	890 497,810	22,179	21,716	80	95	6 418	603,149	1 691,495	2,804	2,341
31	46	97 298	38 917,902	850 348,003	21,850	21,387	81	96	4 519	412,334	1 088,346	2,639	2,176
32	47	97 127	37 717,979	811 430,101	21,513	21,050	82	97	3 054	270,563	676,012	2,499	2,035
33	48	96 941	36 549,473	773 712,122	21,169	20,706	83	98	2 005	172,402	405,449	2,352	1,889
34	49	96 727	35 406,250	737 162,649	20,820	20,357	84	99	1 257	104,978	233,047	2,220	1,757
35	50	96 496	34 292,994	701 756,399	20,464	20,000	85	100	752	60,940	128,069	2,102	1,638
36	51	96 245	33 207,687	667 463,405	20,100	19,636							
37	52	95 960	32 145,113	634 255,718	19,731	19,268							
38	53	95 653	31 108,986	602 110,606	19,355	18,892							
39	54	95 319	30 097,427	571 001,620	18,972	18,509							
40	55	94 947	29 106,675	540 904,193	18,584	18,120							
41	56	94 534	28 136,092	511 797,518	18,190	17,727							
42	57	94 078	27 184,724	483 661,427	17,792	17,328							
43	58	93 592	26 256,602	456 476,702	17,385	16,922							
44	59	93 053	25 344,972	430 220,101	16,975	16,511							
45	60	92 461	24 450,264	404 875,128	16,559	16,096							
46	61	91 814	23 572,036	380 424,865	16,139	15,676							
47	62	91 113	22 710,687	356 852,829	15,713	15,250							
48	63	90 344	21 863,132	334 142,142	15,283	14,820							
49	64	89 498	21 027,518	312 279,010	14,851	14,388							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	2 874 016,401	28,862	28,399	50	66	87 864	20 042,393	282 175,334	14,079	13,616
1	17	99 227	96 337,105	2 774 439,331	28,799	28,336	51	67	86 815	19 226,240	262 132,941	13,634	13,171
2	18	99 190	93 496,442	2 678 102,226	28,644	28,181	52	68	85 694	18 425,413	242 906,702	13,183	12,720
3	19	99 161	90 746,437	2 584 605,785	28,482	28,018	53	69	84 481	17 635,461	224 481,288	12,729	12,266
4	20	99 133	88 078,414	2 493 859,347	28,314	27,851	54	70	83 129	16 847,719	206 845,827	12,277	11,814
5	21	99 105	85 489,271	2 405 780,934	28,141	27,678	55	71	81 674	16 070,806	189 998,108	11,823	11,359
6	22	99 080	82 977,657	2 320 291,663	27,963	27,500	56	72	80 088	15 299,677	173 927,302	11,368	10,905
7	23	99 054	80 540,063	2 237 314,006	27,779	27,316	57	73	78 391	14 539,343	158 627,625	10,910	10,447
8	24	99 028	78 173,849	2 156 773,943	27,589	27,126	58	74	76 534	13 781,500	144 088,282	10,455	9,992
9	25	99 004	75 878,694	2 078 600,094	27,394	26,931	59	75	74 561	13 035,218	130 306,782	9,997	9,533
10	26	98 977	73 648,400	2 002 721,400	27,193	26,730	60	76	72 426	12 293,163	117 271,564	9,540	9,076
11	27	98 952	71 485,233	1 929 072,999	26,986	26,522	61	77	70 146	11 559,255	104 978,402	9,082	8,619
12	28	98 925	69 383,786	1 857 587,766	26,773	26,309	62	78	67 741	10 837,893	93 419,146	8,620	8,156
13	29	98 892	67 340,905	1 788 203,980	26,554	26,091	63	79	65 124	10 115,637	82 581,253	8,164	7,700
14	30	98 859	65 357,312	1 720 863,075	26,330	25,867	64	80	62 300	9 395,129	72 465,617	7,713	7,250
15	31	98 819	63 427,921	1 655 505,762	26,101	25,637	65	81	59 253	8 675,476	63 070,488	7,270	6,807
16	32	98 771	61 551,109	1 592 077,841	25,866	25,403	66	82	55 986	7 958,302	54 395,012	6,835	6,372
17	33	98 716	59 724,624	1 530 526,733	25,626	25,163	67	83	52 458	7 239,643	46 436,710	6,414	5,951
18	34	98 655	57 949,309	1 470 802,109	25,381	24,918	68	84	48 666	6 520,753	39 197,066	6,011	5,548
19	35	98 579	56 218,275	1 412 852,800	25,132	24,668	69	85	44 667	5 810,600	32 676,314	5,624	5,160
20	36	98 493	54 533,350	1 356 634,525	24,877	24,414	70	86	40 503	5 115,456	26 865,714	5,252	4,789
21	37	98 406	52 897,916	1 302 101,175	24,615	24,152	71	87	36 215	4 440,664	21 750,258	4,898	4,435
22	38	98 316	51 310,507	1 249 203,259	24,346	23,883	72	88	31 813	3 787,233	17 309,594	4,571	4,107
23	39	98 221	49 767,550	1 197 892,753	24,070	23,607	73	89	27 467	3 174,623	13 522,361	4,260	3,796
24	40	98 115	48 266,281	1 148 125,203	23,787	23,324	74	90	23 239	2 607,744	10 347,738	3,968	3,505
25	41	98 008	46 809,347	1 099 858,922	23,497	23,033	75	91	19 202	2 091,985	7 739,995	3,700	3,237
26	42	97 893	45 392,601	1 053 049,574	23,199	22,735	76	92	15 468	1 636,042	5 648,010	3,452	2,989
27	43	97 771	44 015,524	1 007 656,973	22,893	22,430	77	93	12 090	1 241,557	4 011,967	3,231	2,768
28	44	97 640	42 676,040	963 641,450	22,580	22,117	78	94	9 173	914,549	2 770,410	3,029	2,566
29	45	97 502	41 374,713	920 965,410	22,259	21,796	79	95	6 752	653,578	1 855,861	2,840	2,376
30	46	97 349	40 106,620	879 590,697	21,931	21,468	80	96	4 786	449,796	1 202,283	2,673	2,210
31	47	97 183	38 871,816	839 484,077	21,596	21,133	81	97	3 257	297,164	752,487	2,532	2,069
32	48	97 001	37 668,969	800 612,260	21,254	20,791	82	98	2 154	190,817	455,323	2,386	1,923
33	49	96 794	36 494,023	762 943,291	20,906	20,443	83	99	1 365	117,402	264,506	2,253	1,790
34	50	96 564	35 346,623	726 449,268	20,552	20,089	84	100	826	68,944	147,104	2,134	1,670
35	51	96 318	34 229,761	691 102,645	20,190	19,727							
36	52	96 045	33 138,731	656 872,884	19,822	19,359							
37	53	95 749	32 074,251	623 734,153	19,447	18,983							
38	54	95 416	31 031,880	591 659,901	19,066	18,603							
39	55	95 057	30 014,531	560 628,022	18,679	18,215							
40	56	94 652	29 016,084	530 613,491	18,287	17,824							
41	57	94 215	28 040,947	501 597,407	17,888	17,425							
42	58	93 725	27 082,611	473 556,461	17,486	17,022							
43	59	93 201	26 147,018	446 473,850	17,076	16,612							
44	60	92 622	25 227,512	420 326,832	16,661	16,198							
45	61	91 987	24 324,912	395 099,320	16,243	15,779							
46	62	91 301	23 440,358	370 774,408	15,818	15,355							
47	63	90 555	22 571,654	347 334,050	15,388	14,925							
48	64	89 733	21 715,333	324 762,396	14,955	14,492							
49	65	88 835	20 871,729	303 047,064	14,519	14,056							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	2 861 955,377	28,745	28,282	50	67	87 094	19 866,866	272 794,095	13,731	13,268
1	18	99 214	96 324,614	2 762 391,037	28,678	28,215	51	68	86 002	19 046,322	252 927,228	13,280	12,816
2	19	99 174	93 481,265	2 666 066,423	28,520	28,057	52	69	84 820	18 237,401	233 880,906	12,824	12,361
3	20	99 145	90 731,521	2 572 585,157	28,354	27,891	53	70	83 506	17 431,837	215 643,505	12,371	11,907
4	21	99 117	88 063,997	2 481 853,636	28,182	27,719	54	71	82 085	16 636,250	198 211,669	11,914	11,451
5	22	99 089	85 474,755	2 393 789,639	28,006	27,543	55	72	80 546	15 848,796	181 575,418	11,457	10,994
6	23	99 063	82 963,735	2 308 314,884	27,823	27,360	56	73	78 891	15 070,979	165 726,622	10,996	10,533
7	24	99 038	80 526,890	2 225 351,149	27,635	27,172	57	74	77 079	14 296,012	150 655,643	10,538	10,075
8	25	99 012	78 161,007	2 144 824,258	27,441	26,978	58	75	75 142	13 530,785	136 359,631	10,078	9,615
9	26	98 985	75 863,942	2 066 663,251	27,242	26,778	59	76	73 061	12 772,950	122 828,846	9,616	9,153
10	27	98 960	73 635,273	1 990 799,309	27,036	26,573	60	77	70 822	12 020,883	110 055,896	9,155	8,692
11	28	98 932	71 470,239	1 917 164,036	26,825	26,361	61	78	68 466	11 282,545	98 035,013	8,689	8,226
12	29	98 901	69 367,274	1 845 693,797	26,608	26,144	62	79	65 898	10 543,021	86 752,468	8,228	7,765
13	30	98 868	67 324,288	1 776 326,523	26,385	25,921	63	80	63 117	9 803,990	76 209,447	7,773	7,310
14	31	98 831	65 338,830	1 709 002,235	26,156	25,693	64	81	60 103	9 063,842	66 405,457	7,326	6,863
15	32	98 787	63 407,497	1 643 663,405	25,922	25,459	65	82	56 859	8 324,855	57 341,614	6,888	6,425
16	33	98 738	61 530,433	1 580 255,908	25,683	25,219	66	83	53 354	7 584,244	49 016,760	6,463	6,000
17	34	98 681	59 703,707	1 518 725,475	25,438	24,974	67	84	49 562	6 840,045	41 432,516	6,057	5,594
18	35	98 617	57 927,184	1 459 021,768	25,187	24,724	68	85	45 562	6 104,807	34 592,471	5,666	5,203
19	36	98 533	56 192,025	1 401 094,584	24,934	24,471	69	86	41 376	5 382,395	28 487,665	5,293	4,830
20	37	98 446	54 507,345	1 344 902,559	24,674	24,211	70	87	37 049	4 679,217	23 105,269	4,938	4,475
21	38	98 356	52 871,206	1 290 395,214	24,406	23,943	71	88	32 626	4 000,617	18 426,052	4,606	4,143
22	39	98 262	51 282,075	1 237 524,008	24,132	23,668	72	89	28 208	3 358,125	14 425,435	4,296	3,832
23	40	98 157	49 735,168	1 186 241,933	23,851	23,388	73	90	23 929	2 765,712	11 067,310	4,002	3,538
24	41	98 053	48 235,723	1 136 506,765	23,562	23,098	74	91	19 820	2 224,100	8 301,599	3,733	3,269
25	42	97 937	46 775,039	1 088 271,042	23,266	22,803	75	92	16 016	1 744,866	6 077,499	3,483	3,020
26	43	97 814	45 355,976	1 041 496,003	22,963	22,499	76	93	12 561	1 328,555	4 332,633	3,261	2,798
27	44	97 684	43 976,099	996 140,027	22,652	22,189	77	94	9 558	981,502	3 004,078	3,061	2,597
28	45	97 547	42 635,675	952 163,928	22,333	21,869	78	95	7 068	704,700	2 022,576	2,870	2,407
29	46	97 397	41 330,208	909 528,253	22,006	21,543	79	96	5 035	487,403	1 317,876	2,704	2,241
30	47	97 234	40 059,126	868 198,045	21,673	21,210	80	97	3 449	324,162	830,473	2,562	2,099
31	48	97 056	38 821,307	828 138,919	21,332	20,869	81	98	2 297	209,578	506,310	2,416	1,953
32	49	96 854	37 611,821	789 317,612	20,986	20,523	82	99	1 467	129,942	296,733	2,284	1,820
33	50	96 631	36 432,565	751 705,790	20,633	20,170	83	100	897	77,103	166,791	2,163	1,700
34	51	96 386	35 281,448	715 273,225	20,273	19,810							
35	52	96 118	34 158,683	679 991,778	19,907	19,444							
36	53	95 834	33 065,679	645 833,095	19,532	19,069							
37	54	95 512	31 994,753	612 767,416	19,152	18,689							
38	55	95 154	30 946,409	580 772,663	18,767	18,304							
39	56	94 761	29 921,114	549 826,254	18,376	17,913							
40	57	94 331	28 917,963	519 905,140	17,979	17,515							
41	58	93 861	27 935,617	490 987,176	17,576	17,112							
42	59	93 334	26 969,579	463 051,559	17,169	16,706							
43	60	92 770	26 025,840	436 081,980	16,756	16,293							
44	61	92 147	25 098,175	410 056,140	16,338	15,875							
45	62	91 473	24 189,029	384 957,964	15,915	15,451							
46	63	90 742	23 296,858	360 768,936	15,486	15,023							
47	64	89 943	22 419,065	337 472,078	15,053	14,590							
48	65	89 068	21 554,448	315 053,012	14,617	14,153							
49	66	88 123	20 704,469	293 498,564	14,176	13,712							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	2 849 348,838	28,622	28,159	50	68	86 279	19 680,954	263 119,224	13,369	12,906
1	19	99 198	96 308,979	2 749 797,406	28,552	28,089	51	69	85 125	18 851,974	243 438,271	12,913	12,450
2	20	99 158	93 465,900	2 653 488,427	28,390	27,927	52	70	83 841	18 026,826	224 586,297	12,458	11,995
3	21	99 129	90 716,670	2 560 022,527	28,220	27,757	53	71	82 458	17 213,036	206 559,470	12,000	11,537
4	22	99 100	88 049,044	2 469 305,857	28,045	27,581	54	72	80 951	16 406,429	189 346,434	11,541	11,078
5	23	99 072	85 460,414	2 381 256,813	27,864	27,401	55	73	79 342	15 611,890	172 940,005	11,077	10,614
6	24	99 047	82 950,166	2 295 796,399	27,677	27,214	56	74	77 570	14 818,751	157 328,115	10,617	10,154
7	25	99 022	80 513,662	2 212 846,233	27,484	27,021	57	75	75 677	14 035,937	142 509,364	10,153	9,690
8	26	98 993	78 145,812	2 132 332,571	27,287	26,823	58	76	73 630	13 258,546	128 473,427	9,690	9,227
9	27	98 968	75 850,420	2 054 186,759	27,082	26,619	59	77	71 443	12 490,044	115 214,881	9,225	8,761
10	28	98 939	73 619,829	1 978 336,339	26,872	26,409	60	78	69 127	11 733,122	102 724,837	8,755	8,292
11	29	98 908	71 453,230	1 904 716,510	26,657	26,194	61	79	66 604	10 975,575	90 991,715	8,290	7,827
12	30	98 877	69 350,156	1 833 263,280	26,435	25,972	62	80	63 868	10 218,208	80 016,140	7,831	7,368
13	31	98 840	67 305,250	1 763 913,124	26,208	25,744	63	81	60 892	9 458,287	69 797,932	7,380	6,916
14	32	98 799	65 317,791	1 696 607,874	25,975	25,511	64	82	57 674	8 697,524	60 339,646	6,938	6,474
15	33	98 754	63 386,198	1 631 290,083	25,736	25,273	65	83	54 186	7 933,567	51 642,121	6,509	6,046
16	34	98 704	61 508,884	1 567 903,886	25,491	25,027	66	84	50 409	7 165,625	43 708,554	6,100	5,637
17	35	98 643	59 680,913	1 506 395,002	25,241	24,778	67	85	46 401	6 403,732	36 542,929	5,707	5,243
18	36	98 571	57 900,135	1 446 714,090	24,986	24,523	68	86	42 204	5 654,921	30 139,197	5,330	4,867
19	37	98 486	56 165,229	1 388 813,954	24,727	24,264	69	87	37 847	4 923,392	24 484,276	4,973	4,510
20	38	98 397	54 479,822	1 332 648,725	24,461	23,998	70	88	33 378	4 215,531	19 560,884	4,640	4,177
21	39	98 302	52 841,910	1 278 168,903	24,189	23,725	71	89	28 930	3 547,331	15 345,352	4,326	3,863
22	40	98 198	51 248,709	1 225 326,993	23,909	23,446	72	90	24 575	2 925,577	11 798,021	4,033	3,569
23	41	98 095	49 703,680	1 174 078,284	23,622	23,158	73	91	20 409	2 358,828	8 872,444	3,761	3,298
24	42	97 981	48 200,369	1 124 374,605	23,327	22,864	74	92	16 532	1 855,059	6 513,616	3,511	3,048
25	43	97 858	46 737,298	1 076 174,236	23,026	22,563	75	93	13 006	1 416,926	4 658,557	3,288	2,825
26	44	97 727	45 315,351	1 029 436,938	22,717	22,254	76	94	9 930	1 050,278	3 241,631	3,086	2,623
27	45	97 591	43 934,504	984 121,587	22,400	21,937	77	95	7 365	756,290	2 191,354	2,898	2,434
28	46	97 442	42 589,813	940 187,083	22,075	21,612	78	96	5 271	525,527	1 435,063	2,731	2,267
29	47	97 282	41 281,265	897 597,269	21,743	21,280	79	97	3 629	351,265	909,536	2,589	2,126
30	48	97 108	40 007,074	856 316,004	21,404	20,941	80	98	2 433	228,619	558,271	2,442	1,979
31	49	96 909	38 762,411	816 308,929	21,059	20,596	81	99	1 564	142,717	329,652	2,310	1,847
32	50	96 690	37 548,480	777 546,518	20,708	20,245	82	100	963	85,339	186,935	2,191	1,727
33	51	96 453	36 365,387	739 998,038	20,349	19,886							
34	52	96 185	35 208,186	703 632,651	19,985	19,522							
35	53	95 906	34 083,382	668 424,465	19,611	19,148							
36	54	95 596	32 983,724	634 341,083	19,232	18,769							
37	55	95 249	31 906,630	601 357,359	18,847	18,384							
38	56	94 857	30 850,092	569 450,729	18,459	17,995							
39	57	94 441	29 819,933	538 600,636	18,062	17,599							
40	58	93 977	28 809,339	508 780,703	17,660	17,197							
41	59	93 469	27 819,026	479 971,364	17,253	16,790							
42	60	92 901	26 844,590	452 152,339	16,843	16,380							
43	61	92 294	25 892,411	425 307,749	16,426	15,963							
44	62	91 632	24 957,972	399 415,338	16,004	15,540							
45	63	90 913	24 040,945	374 457,366	15,576	15,113							
46	64	90 129	23 139,367	350 416,420	15,144	14,681							
47	65	89 277	22 252,967	327 277,053	14,707	14,244							
48	66	88 355	21 381,718	305 024,086	14,266	13,802							
49	67	87 351	20 523,145	283 642,369	13,821	13,357							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	2 836 186,911	28,494	28,031	50	69	85 399	19 480,130	253 159,264	12,996	12,533
1	20	99 182	96 293,149	2 736 651,638	28,420	27,957	51	70	84 142	18 634,304	233 679,134	12,540	12,077
2	21	99 142	93 450,601	2 640 358,490	28,254	27,791	52	71	82 788	17 800,558	215 044,831	12,081	11,618
3	22	99 112	90 701,267	2 546 907,888	28,080	27,617	53	72	81 318	16 975,247	197 244,273	11,620	11,156
4	23	99 083	88 034,271	2 456 206,621	27,901	27,437	54	73	79 741	16 161,187	180 269,026	11,154	10,691
5	24	99 056	85 446,436	2 368 172,350	27,715	27,252	55	74	78 014	15 350,608	164 107,838	10,691	10,227
6	25	99 031	82 936,540	2 282 725,913	27,524	27,061	56	75	76 159	14 549,166	148 757,230	10,224	9,761
7	26	99 002	80 498,009	2 199 789,374	27,327	26,864	57	76	74 154	13 753,534	134 208,064	9,758	9,295
8	27	98 975	78 131,883	2 119 291,365	27,125	26,661	58	77	71 999	12 964,885	120 454,530	9,291	8,828
9	28	98 947	75 834,511	2 041 159,482	26,916	26,453	59	78	69 733	12 191,052	107 489,644	8,817	8,354
10	29	98 915	73 602,308	1 965 324,971	26,702	26,239	60	79	67 246	11 413,894	95 298,593	8,349	7,886
11	30	98 884	71 435,598	1 891 722,663	26,482	26,018	61	80	64 552	10 637,435	83 884,699	7,886	7,423
12	31	98 849	69 330,271	1 820 287,065	26,255	25,792	62	81	61 616	9 857,898	73 247,264	7,430	6,967
13	32	98 808	67 283,577	1 750 956,520	26,024	25,560	63	82	58 431	9 076,027	63 389,366	6,984	6,521
14	33	98 766	65 295,850	1 683 672,943	25,785	25,322	64	83	54 963	8 288,721	54 313,338	6,553	6,089
15	34	98 719	63 363,998	1 618 377,093	25,541	25,078	65	84	51 195	7 495,667	46 024,618	6,140	5,677
16	35	98 666	61 485,400	1 555 013,095	25,291	24,828	66	85	47 194	6 708,544	38 528,950	5,743	5,280
17	36	98 597	59 653,045	1 493 527,695	25,037	24,574	67	86	42 982	5 931,817	31 820,406	5,364	4,901
18	37	98 524	57 872,525	1 433 874,650	24,776	24,313	68	87	38 605	5 172,678	25 888,590	5,005	4,542
19	38	98 436	56 136,870	1 376 002,124	24,512	24,048	69	88	34 097	4 435,510	20 715,912	4,670	4,207
20	39	98 342	54 449,635	1 319 865,255	24,240	23,777	70	89	29 596	3 737,895	16 280,402	4,356	3,892
21	40	98 238	52 807,528	1 265 415,620	23,963	23,500	71	90	25 203	3 090,413	12 542,507	4,059	3,595
22	41	98 136	51 216,262	1 212 608,092	23,676	23,213	72	91	20 960	2 495,175	9 452,095	3,788	3,325
23	42	98 023	49 667,250	1 161 391,830	23,383	22,920	73	92	17 022	1 967,432	6 956,920	3,536	3,073
24	43	97 902	48 161,478	1 111 724,580	23,083	22,620	74	93	13 424	1 506,409	4 989,487	3,312	2,849
25	44	97 770	46 695,436	1 063 563,102	22,777	22,313	75	94	10 282	1 120,138	3 483,079	3,110	2,646
26	45	97 634	45 272,489	1 016 867,666	22,461	21,998	76	95	7 651	809,285	2 362,941	2,920	2,457
27	46	97 486	43 887,246	971 595,177	22,138	21,675	77	96	5 492	564,001	1 553,656	2,755	2,291
28	47	97 327	42 539,379	927 707,931	21,808	21,345	78	97	3 799	378,741	989,655	2,613	2,150
29	48	97 156	41 227,626	885 168,553	21,470	21,007	79	98	2 559	247,733	610,915	2,466	2,003
30	49	96 960	39 946,379	843 940,927	21,127	20,664	80	99	1 657	155,684	363,182	2,333	1,870
31	50	96 746	38 697,133	803 994,547	20,777	20,313	81	100	1 027	93,729	207,498	2,214	1,751
32	51	96 512	37 479,245	765 297,415	20,419	19,956							
33	52	96 253	36 289,874	727 818,170	20,056	19,592							
34	53	95 973	35 130,572	691 528,296	19,685	19,221							
35	54	95 668	33 998,904	656 397,724	19,306	18,843							
36	55	95 333	32 892,877	622 398,820	18,922	18,459							
37	56	94 952	31 807,325	589 505,942	18,534	18,070							
38	57	94 537	30 745,770	557 698,618	18,139	17,676							
39	58	94 086	29 707,921	526 952,848	17,738	17,275							
40	59	93 585	28 689,101	497 244,927	17,332	16,869							
41	60	93 036	27 690,099	468 555,826	16,921	16,458							
42	61	92 425	26 706,963	440 865,726	16,508	16,044							
43	62	91 778	25 747,771	414 158,764	16,085	15,622							
44	63	91 071	24 805,182	388 410,993	15,658	15,195							
45	64	90 299	23 878,424	363 605,811	15,227	14,764							
46	65	89 461	22 967,932	339 727,387	14,791	14,328							
47	66	88 561	22 074,638	316 759,454	14,349	13,886							
48	67	87 581	21 194,462	294 684,816	13,904	13,441							
49	68	86 534	20 331,090	273 490,354	13,452	12,989							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	2 822 462,642	28,361	27,898	50	70	84 413	19 255,206	242 927,736	12,616	12,153
1	21	99 166	96 277,387	2 722 943,730	28,282	27,819	51	71	83 086	18 400,410	223 672,530	12,156	11,693
2	22	99 125	93 434,734	2 626 666,342	28,112	27,649	52	72	81 645	17 554,652	205 272,119	11,693	11,230
3	23	99 095	90 686,049	2 533 231,608	27,934	27,471	53	73	80 103	16 721,503	187 717,467	11,226	10,763
4	24	99 067	88 019,873	2 442 545,559	27,750	27,287	54	74	78 407	15 890,713	170 995,964	10,761	10,298
5	25	99 040	85 432,400	2 354 525,687	27,560	27,097	55	75	76 595	15 071,348	155 105,251	10,291	9,828
6	26	99 011	82 920,416	2 269 093,286	27,365	26,901	56	76	74 627	14 256,437	140 033,903	9,823	9,359
7	27	98 985	80 483,661	2 186 172,871	27,163	26,700	57	77	72 512	13 448,910	125 777,466	9,352	8,889
8	28	98 954	78 115,495	2 105 689,210	26,956	26,493	58	78	70 276	12 654,526	112 328,556	8,877	8,413
9	29	98 923	75 816,463	2 027 573,714	26,743	26,280	59	79	67 836	11 859,364	99 674,030	8,405	7,941
10	30	98 891	73 584,145	1 951 757,252	26,524	26,061	60	80	65 174	11 062,250	87 814,666	7,938	7,475
11	31	98 856	71 415,397	1 878 173,106	26,299	25,836	61	81	62 276	10 262,343	76 752,416	7,479	7,016
12	32	98 817	69 308,220	1 806 757,710	26,068	25,605	62	82	59 126	9 459,488	66 490,073	7,029	6,566
13	33	98 775	67 260,976	1 737 449,489	25,831	25,368	63	83	55 684	8 649,433	57 030,585	6,594	6,130
14	34	98 731	65 272,982	1 670 188,513	25,588	25,125	64	84	51 929	7 831,218	48 381,152	6,178	5,715
15	35	98 681	63 339,806	1 604 915,531	25,338	24,875	65	85	47 930	7 017,534	40 549,934	5,778	5,315
16	36	98 620	61 456,690	1 541 575,725	25,084	24,621	66	86	43 716	6 214,166	33 532,400	5,396	4,933
17	37	98 550	59 624,599	1 480 119,035	24,824	24,361	67	87	39 316	5 425,960	27 318,234	5,035	4,572
18	38	98 474	57 843,304	1 420 494,436	24,558	24,094	68	88	34 780	4 660,092	21 892,274	4,698	4,235
19	39	98 382	56 105,764	1 362 651,132	24,287	23,824	69	89	30 233	3 932,949	17 232,181	4,381	3,918
20	40	98 278	54 414,207	1 306 545,368	24,011	23,548	70	90	25 784	3 256,431	13 299,233	4,084	3,621
21	41	98 175	52 774,094	1 252 131,161	23,726	23,263	71	91	21 496	2 635,760	10 042,802	3,810	3,347
22	42	98 064	51 178,723	1 199 357,067	23,435	22,971	72	92	17 482	2 081,155	7 407,042	3,559	3,096
23	43	97 944	49 627,176	1 148 178,344	23,136	22,673	73	93	13 823	1 597,662	5 325,887	3,334	2,870
24	44	97 815	48 118,340	1 098 551,168	22,830	22,367	74	94	10 613	1 190,878	3 728,225	3,131	2,667
25	45	97 677	46 651,269	1 050 432,828	22,517	22,053	75	95	7 922	863,115	2 537,347	2,940	2,477
26	46	97 529	45 223,791	1 003 781,559	22,196	21,733	76	96	5 706	603,521	1 674,232	2,774	2,311
27	47	97 371	43 835,275	958 557,768	21,867	21,404	77	97	3 958	406,468	1 070,711	2,634	2,171
28	48	97 201	42 484,105	914 722,493	21,531	21,068	78	98	2 679	267,110	664,243	2,487	2,024
29	49	97 008	41 165,079	872 238,388	21,189	20,726	79	99	1 743	168,700	397,132	2,354	1,891
30	50	96 797	39 879,107	831 073,309	20,840	20,377	80	100	1 088	102,245	228,432	2,234	1,771
31	51	96 568	38 625,779	791 194,202	20,484	20,020							
32	52	96 312	37 401,419	752 568,423	20,121	19,658							
33	53	96 041	36 209,876	715 167,004	19,751	19,287							
34	54	95 736	35 043,498	678 957,128	19,375	18,911							
35	55	95 405	33 905,262	643 913,630	18,992	18,528							
36	56	95 036	32 790,502	610 008,368	18,603	18,140							
37	57	94 631	31 699,765	577 217,866	18,209	17,746							
38	58	94 181	30 630,280	545 518,101	17,810	17,347							
39	59	93 693	29 583,933	514 887,821	17,404	16,941							
40	60	93 151	28 556,142	485 303,888	16,995	16,532							
41	61	92 559	27 548,137	456 747,746	16,580	16,117							
42	62	91 908	26 557,773	429 199,608	16,161	15,698							
43	63	91 217	25 590,145	402 641,835	15,734	15,271							
44	64	90 455	24 637,494	377 051,690	15,304	14,841							
45	65	89 630	23 701,514	352 414,196	14,869	14,406							
46	66	88 744	22 783,874	328 712,682	14,427	13,964							
47	67	87 786	21 881,314	305 928,808	13,981	13,518							
48	68	86 761	20 996,125	284 047,494	13,529	13,065							
49	69	85 651	20 123,633	263 051,369	13,072	12,609							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	2 808 165,770	28,222	27,759	50	71	83 353	19 013,520	232 448,126	12,225	11,762
1	22	99 149	96 261,040	2 708 663,147	28,139	27,676	51	72	81 938	18 146,218	213 434,607	11,762	11,299
2	23	99 108	93 419,058	2 612 402,107	27,964	27,501	52	73	80 424	17 292,247	195 288,389	11,293	10,830
3	24	99 079	90 671,217	2 518 983,050	27,782	27,318	53	74	78 762	16 441,651	177 996,142	10,826	10,363
4	25	99 051	88 005,414	2 428 311,833	27,593	27,130	54	75	76 980	15 601,627	161 554,491	10,355	9,892
5	26	99 020	85 415,791	2 340 306,419	27,399	26,936	55	76	75 054	14 768,113	145 952,863	9,883	9,420
6	27	98 994	82 905,636	2 254 890,628	27,198	26,735	56	77	72 974	13 940,674	131 184,750	9,410	8,947
7	28	98 964	80 466,780	2 171 984,992	26,992	26,529	57	78	70 776	13 126,964	117 244,076	8,932	8,468
8	29	98 931	78 096,904	2 091 518,213	26,781	26,318	58	79	68 364	12 310,228	104 117,113	8,458	7,995
9	30	98 899	75 797,754	2 013 421,308	26,563	26,100	59	80	65 746	11 493,996	91 806,885	7,987	7,524
10	31	98 863	73 563,337	1 937 623,554	26,340	25,876	60	81	62 876	10 672,178	80 312,888	7,525	7,062
11	32	98 824	71 392,401	1 864 060,217	26,110	25,647	61	82	59 759	9 847,588	69 640,710	7,072	6,609
12	33	98 784	69 284,939	1 792 667,817	25,874	25,411	62	83	56 347	9 014,871	59 793,123	6,633	6,169
13	34	98 740	67 237,419	1 723 382,878	25,631	25,168	63	84	52 611	8 172,020	50 778,252	6,214	5,750
14	35	98 694	65 248,061	1 656 145,458	25,382	24,919	64	85	48 617	7 331,680	42 606,232	5,811	5,348
15	36	98 635	63 310,230	1 590 897,397	25,129	24,665	65	86	44 398	6 500,385	35 274,552	5,427	4,963
16	37	98 573	61 427,384	1 527 587,167	24,868	24,405	66	87	39 988	5 684,231	28 774,166	5,062	4,599
17	38	98 501	59 594,493	1 466 159,783	24,602	24,139	67	88	35 420	4 888,276	23 089,935	4,724	4,260
18	39	98 420	57 811,252	1 406 565,290	24,330	23,867	68	89	30 839	4 132,085	18 201,659	4,405	3,942
19	40	98 318	56 069,259	1 348 754,038	24,055	23,592	69	90	26 339	3 426,361	14 069,574	4,106	3,643
20	41	98 216	54 379,756	1 292 684,779	23,771	23,308	70	91	21 991	2 777,354	10 643,213	3,832	3,369
21	42	98 103	52 735,414	1 238 305,023	23,481	23,018	71	92	17 929	2 198,413	7 865,859	3,578	3,115
22	43	97 985	51 137,429	1 185 569,609	23,184	22,721	72	93	14 196	1 690,011	5 667,446	3,353	2,890
23	44	97 856	49 582,725	1 134 432,179	22,880	22,416	73	94	10 928	1 263,017	3 977,435	3,149	2,686
24	45	97 722	48 072,827	1 084 849,454	22,567	22,104	74	95	8 177	917,623	2 714,418	2,958	2,495
25	46	97 572	46 601,088	1 036 776,627	22,248	21,785	75	96	5 908	643,665	1 796,794	2,792	2,328
26	47	97 414	45 170,238	990 175,539	21,921	21,458	76	97	4 112	434,950	1 153,129	2,651	2,188
27	48	97 244	43 778,317	945 005,301	21,586	21,123	77	98	2 792	286,666	718,180	2,505	2,042
28	49	97 053	42 419,651	901 226,984	21,246	20,782	78	99	1 824	181,896	431,514	2,372	1,909
29	50	96 845	41 095,754	858 807,333	20,898	20,434	79	100	1 145	110,793	249,618	2,253	1,790
30	51	96 619	39 805,574	817 711,579	20,543	20,079							
31	52	96 367	38 545,573	777 906,005	20,181	19,718							
32	53	96 099	37 318,970	739 360,432	19,812	19,349							
33	54	95 803	36 120,127	702 041,462	19,436	18,973							
34	55	95 472	34 946,979	665 921,335	19,055	18,592							
35	56	95 108	33 799,736	630 974,356	18,668	18,205							
36	57	94 715	32 679,618	597 174,620	18,274	17,810							
37	58	94 276	31 580,692	564 495,002	17,875	17,411							
38	59	93 788	30 502,442	532 914,310	17,471	17,008							
39	60	93 259	29 446,827	502 411,868	17,062	16,598							
40	61	92 674	28 409,741	472 965,041	16,648	16,185							
41	62	92 042	27 394,249	444 555,300	16,228	15,765							
42	63	91 346	26 395,188	417 161,052	15,804	15,341							
43	64	90 600	25 417,151	390 765,864	15,374	14,911							
44	65	89 785	24 454,960	365 348,712	14,940	14,476							
45	66	88 911	23 511,577	340 893,752	14,499	14,036							
46	67	87 967	22 584,339	317 382,175	14,053	13,590							
47	68	86 964	21 676,550	294 797,837	13,600	13,137							
48	69	85 876	20 781,881	273 121,287	13,142	12,679							
49	70	84 662	19 891,279	252 339,405	12,686	12,223							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	2 793 285,486	28,077	27,614	50	72	82 202	18 750,858	221 737,137	11,825	11,362
1	23	99 132	96 244,889	2 693 799,758	27,989	27,526	51	73	80 713	17 874,970	202 986,280	11,356	10,893
2	24	99 092	93 403,778	2 597 554,869	27,810	27,347	52	74	79 078	17 002,843	185 111,310	10,887	10,424
3	25	99 063	90 656,322	2 504 151,091	27,622	27,159	53	75	77 329	16 142,543	168 108,466	10,414	9,951
4	26	99 032	87 988,304	2 413 494,769	27,430	26,966	54	76	75 432	15 287,723	151 965,924	9,940	9,477
5	27	99 003	85 400,566	2 325 506,465	27,231	26,767	55	77	73 391	14 441,017	136 678,201	9,465	9,001
6	28	98 973	82 888,247	2 240 105,898	27,026	26,562	56	78	71 227	13 606,956	122 237,184	8,983	8,520
7	29	98 940	80 447,630	2 157 217,651	26,815	26,352	57	79	68 850	12 769,812	108 630,228	8,507	8,044
8	30	98 906	78 077,633	2 076 770,022	26,599	26,136	58	80	66 257	11 930,970	95 860,416	8,035	7,571
9	31	98 871	75 776,319	1 998 692,389	26,376	25,913	59	81	63 427	11 088,700	83 929,447	7,569	7,106
10	32	98 831	73 539,649	1 922 916,070	26,148	25,685	60	82	60 335	10 240,859	72 840,746	7,113	6,650
11	33	98 791	71 368,420	1 849 376,420	25,913	25,450	61	83	56 950	9 384,729	62 599,887	6,670	6,207
12	34	98 749	69 260,674	1 778 008,001	25,671	25,208	62	84	53 236	8 517,287	53 215,159	6,248	5,785
13	35	98 703	67 211,749	1 708 747,327	25,423	24,960	63	85	49 255	7 650,743	44 697,871	5,842	5,379
14	36	98 647	65 217,594	1 641 535,579	25,170	24,707	64	86	45 034	6 791,381	37 047,128	5,455	4,992
15	37	98 588	63 280,041	1 576 317,984	24,910	24,447	65	87	40 611	5 946,042	30 255,747	5,088	4,625
16	38	98 523	61 396,367	1 513 037,944	24,644	24,181	66	88	36 025	5 120,954	24 309,705	4,747	4,284
17	39	98 446	59 561,471	1 451 641,577	24,372	23,909	67	89	31 407	4 334,415	19 188,751	4,427	3,964
18	40	98 356	57 773,638	1 392 080,105	24,095	23,632	68	90	26 867	3 599,847	14 854,337	4,126	3,663
19	41	98 256	56 033,760	1 334 306,468	23,813	23,349	69	91	22 464	2 922,285	11 254,490	3,851	3,388
20	42	98 144	54 339,899	1 278 272,708	23,524	23,060	70	92	18 342	2 316,513	8 332,205	3,597	3,134
21	43	98 024	52 692,864	1 223 932,809	23,228	22,764	71	93	14 559	1 785,231	6 015,693	3,370	2,906
22	44	97 897	51 091,626	1 171 239,945	22,924	22,461	72	94	11 223	1 336,023	4 230,462	3,166	2,703
23	45	97 763	49 535,827	1 120 148,319	22,613	22,150	73	95	8 420	973,210	2 894,438	2,974	2,511
24	46	97 617	48 021,117	1 070 612,492	22,295	21,831	74	96	6 098	684,314	1 921,229	2,808	2,344
25	47	97 457	46 545,903	1 022 591,375	21,970	21,506	75	97	4 258	463,881	1 236,914	2,666	2,203
26	48	97 287	45 111,545	976 045,471	21,636	21,173	76	98	2 900	306,753	773,033	2,520	2,057
27	49	97 097	43 711,900	930 933,926	21,297	20,834	77	99	1 901	195,212	466,281	2,389	1,925
28	50	96 890	42 348,214	887 222,026	20,951	20,487	78	100	1 198	119,459	271,068	2,269	1,806
29	51	96 666	41 019,978	844 873,812	20,597	20,133							
30	52	96 418	39 722,917	803 853,834	20,237	19,773							
31	53	96 155	38 460,602	764 130,917	19,868	19,405							
32	54	95 861	37 226,472	725 670,315	19,493	19,030							
33	55	95 539	36 020,642	688 443,842	19,112	18,649							
34	56	95 175	34 838,210	652 423,200	18,727	18,264							
35	57	94 786	33 685,439	617 584,990	18,334	17,871							
36	58	94 359	32 556,864	583 899,551	17,935	17,472							
37	59	93 882	31 448,888	551 342,687	17,531	17,068							
38	60	93 354	30 361,080	519 893,799	17,124	16,660							
39	61	92 781	29 295,859	489 532,719	16,710	16,247							
40	62	92 156	28 251,039	460 236,860	16,291	15,828							
41	63	91 478	27 226,543	431 985,822	15,866	15,403							
42	64	90 728	26 216,752	404 759,279	15,439	14,976							
43	65	89 929	25 228,841	378 542,527	15,004	14,541							
44	66	89 066	24 258,985	353 313,686	14,564	14,101							
45	67	88 133	23 305,668	329 054,701	14,119	13,656							
46	68	87 144	22 372,996	305 749,032	13,666	13,203							
47	69	86 077	21 455,363	283 376,036	13,208	12,744							
48	70	84 884	20 541,928	261 920,673	12,751	12,287							
49	71	83 599	19 641,608	241 378,746	12,289	11,826							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	2 777 811,401	27,926	27,463	50	73	80 973	18 470,572	210 816,394	11,414	10,950
1	24	99 116	96 229,148	2 678 342,366	27,833	27,370	51	74	79 362	17 575,814	192 345,822	10,944	10,481
2	25	99 076	93 388,435	2 582 113,218	27,649	27,186	52	75	77 640	16 693,526	174 770,009	10,469	10,006
3	26	99 043	90 638,697	2 488 724,783	27,458	26,994	53	76	75 774	15 817,755	158 076,483	9,994	9,530
4	27	99 014	87 972,621	2 398 086,086	27,259	26,796	54	77	73 761	14 949,118	142 258,728	9,516	9,053
5	28	98 982	85 382,654	2 310 113,465	27,056	26,593	55	78	71 635	14 095,321	127 309,611	9,032	8,569
6	29	98 949	82 868,520	2 224 730,811	26,847	26,383	56	79	69 289	13 236,745	113 214,289	8,553	8,090
7	30	98 916	80 427,778	2 141 862,291	26,631	26,168	57	80	66 729	12 376,395	99 977,544	8,078	7,615
8	31	98 878	78 052,554	2 061 434,513	26,410	25,947	58	81	63 921	11 510,266	87 601,150	7,611	7,147
9	32	98 839	75 751,919	1 983 378,959	26,183	25,719	59	82	60 864	10 640,547	76 090,884	7,151	6,688
10	33	98 798	73 514,947	1 907 627,040	25,949	25,486	60	83	57 499	9 759,515	65 450,336	6,706	6,243
11	34	98 756	71 343,424	1 834 112,093	25,708	25,245	61	84	53 806	8 866,730	55 690,821	6,281	5,818
12	35	98 711	69 234,230	1 762 768,669	25,461	24,998	62	85	49 841	7 973,986	46 824,091	5,872	5,409
13	36	98 657	67 180,365	1 693 534,439	25,209	24,746	63	86	45 625	7 086,931	38 850,104	5,482	5,019
14	37	98 600	65 186,495	1 626 354,074	24,949	24,486	64	87	41 194	6 212,222	31 763,173	5,113	4,650
15	38	98 538	63 248,088	1 561 167,579	24,683	24,220	65	88	36 587	5 356,820	25 550,951	4,770	4,307
16	39	98 469	61 362,347	1 497 919,491	24,411	23,948	66	89	31 943	4 540,729	20 194,131	4,447	3,984
17	40	98 382	59 522,718	1 436 557,143	24,135	23,671	67	90	27 361	3 776,115	15 653,402	4,145	3,682
18	41	98 293	57 737,060	1 377 034,426	23,850	23,387	68	91	22 914	3 070,248	11 877,286	3,869	3,405
19	42	98 184	55 992,690	1 319 297,366	23,562	23,099	69	92	18 737	2 437,395	8 807,038	3,613	3,150
20	43	98 065	54 296,055	1 263 304,676	23,267	22,804	70	93	14 894	1 881,134	6 369,643	3,386	2,923
21	44	97 936	52 645,667	1 209 008,621	22,965	22,502	71	94	11 510	1 411,299	4 488,509	3,180	2,717
22	45	97 804	51 043,301	1 156 362,954	22,655	22,191	72	95	8 648	1 029,464	3 077,211	2,989	2,526
23	46	97 658	49 482,543	1 105 319,653	22,338	21,874	73	96	6 279	725,768	2 047,747	2,821	2,358
24	47	97 501	47 964,251	1 055 837,110	22,013	21,550	74	97	4 395	493,177	1 321,979	2,681	2,217
25	48	97 330	46 485,423	1 007 872,858	21,681	21,218	75	98	3 003	327,157	828,803	2,533	2,070
26	49	97 140	45 043,106	961 387,435	21,344	20,880	76	99	1 975	208,891	501,646	2,401	1,938
27	50	96 933	43 638,286	916 344,329	20,999	20,535	77	100	1 248	128,205	292,755	2,283	1,820
28	51	96 711	42 270,128	872 706,043	20,646	20,183							
29	52	96 466	40 934,800	830 435,915	20,287	19,824							
30	53	96 205	39 635,351	789 501,115	19,919	19,456							
31	54	95 916	38 365,274	749 865,764	19,545	19,082							
32	55	95 597	37 123,940	711 500,489	19,166	18,702							
33	56	95 241	35 908,532	674 376,549	18,780	18,317							
34	57	94 853	34 720,402	638 468,017	18,389	17,926							
35	58	94 430	33 558,907	603 747,615	17,991	17,527							
36	59	93 965	32 420,986	570 188,708	17,587	17,124							
37	60	93 447	31 303,139	537 767,723	17,179	16,716							
38	61	92 875	30 205,425	506 464,584	16,767	16,304							
39	62	92 262	29 132,207	476 259,159	16,348	15,885							
40	63	91 592	28 078,088	447 126,953	15,924	15,461							
41	64	90 860	27 042,487	419 048,864	15,496	15,033							
42	65	90 056	26 022,517	392 006,378	15,064	14,601							
43	66	89 208	25 026,665	365 983,860	14,624	14,161							
44	67	88 286	24 046,531	340 957,196	14,179	13,716							
45	68	87 308	23 087,575	316 910,665	13,726	13,263							
46	69	86 255	22 144,702	293 823,089	13,268	12,805							
47	70	85 083	21 207,633	271 678,387	12,810	12,347							
48	71	83 819	20 284,090	250 470,754	12,348	11,885							
49	72	82 444	19 370,270	230 186,664	11,884	11,420							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	2 761 732,028	27,769	27,306	50	74	79 618	18 161,447	199 704,787	10,996	10,533
1	25	99 100	96 213,340	2 662 279,261	27,671	27,207	51	75	77 918	17 256,072	181 543,340	10,521	10,057
2	26	99 057	93 370,279	2 566 065,921	27,483	27,019	52	76	76 078	16 357,652	164 287,267	10,043	9,580
3	27	99 026	90 622,542	2 472 695,642	27,286	26,822	53	77	74 095	15 467,410	147 929,615	9,564	9,101
4	28	98 993	87 954,169	2 382 073,100	27,083	26,620	54	78	71 995	14 591,259	132 462,205	9,078	8,615
5	29	98 958	85 362,334	2 294 118,931	26,875	26,412	55	79	69 686	13 711,823	117 870,946	8,596	8,133
6	30	98 925	82 848,071	2 208 756,597	26,660	26,197	56	80	67 155	12 828,942	104 159,122	8,119	7,656
7	31	98 888	80 405,034	2 125 908,526	26,440	25,977	57	81	64 376	11 939,984	91 330,180	7,649	7,186
8	32	98 847	78 030,419	2 045 503,492	26,214	25,751	58	82	61 338	11 045,075	79 390,196	7,188	6,725
9	33	98 806	75 726,473	1 967 473,073	25,981	25,518	59	83	58 003	10 140,417	68 345,121	6,740	6,277
10	34	98 763	73 489,200	1 891 746,599	25,742	25,279	60	84	54 325	9 220,830	58 204,704	6,312	5,849
11	35	98 718	71 316,186	1 818 257,400	25,496	25,032	61	85	50 374	8 301,139	48 983,873	5,901	5,438
12	36	98 665	69 201,902	1 746 941,214	25,244	24,781	62	86	46 168	7 386,354	40 682,734	5,508	5,045
13	37	98 610	67 148,330	1 677 739,312	24,986	24,522	63	87	41 734	6 482,568	33 296,381	5,136	4,673
14	38	98 551	65 153,580	1 610 590,982	24,720	24,257	64	88	37 111	5 596,624	26 813,812	4,791	4,328
15	39	98 484	63 213,042	1 545 437,402	24,448	23,985	65	89	32 442	4 749,871	21 217,189	4,467	4,004
16	40	98 404	61 322,422	1 482 224,360	24,171	23,708	66	90	27 829	3 955,855	16 467,318	4,163	3,700
17	41	98 320	59 485,032	1 420 901,938	23,887	23,423	67	91	23 336	3 220,584	12 511,463	3,885	3,422
18	42	98 221	57 694,742	1 361 416,906	23,597	23,134	68	92	19 112	2 560,807	9 290,879	3,628	3,165
19	43	98 104	55 947,512	1 303 722,164	23,303	22,839	69	93	15 215	1 979,297	6 730,071	3,400	2,937
20	44	97 977	54 247,422	1 247 774,652	23,002	22,538	70	94	11 775	1 487,114	4 750,774	3,195	2,731
21	45	97 844	52 595,873	1 193 527,230	22,692	22,229	71	95	8 869	1 087,467	3 263,660	3,001	2,538
22	46	97 699	50 988,395	1 140 931,357	22,376	21,913	72	96	6 449	767,719	2 176,193	2,835	2,371
23	47	97 542	49 423,947	1 089 942,962	22,053	21,590	73	97	4 525	523,051	1 408,474	2,693	2,230
24	48	97 375	47 901,928	1 040 519,015	21,722	21,259	74	98	3 100	347,817	885,423	2,546	2,082
25	49	97 182	46 414,900	992 617,087	21,386	20,923	75	99	2 045	222,786	537,606	2,413	1,950
26	50	96 976	44 967,250	946 202,187	21,042	20,579	76	100	1 297	137,188	314,820	2,295	1,832
27	51	96 755	43 557,822	901 234,937	20,691	20,227							
28	52	96 510	42 182,354	857 677,115	20,333	19,869							
29	53	96 253	40 844,562	815 494,761	19,966	19,503							
30	54	95 967	39 537,112	774 650,199	19,593	19,130							
31	55	95 652	38 259,606	735 113,087	19,214	18,751							
32	56	95 300	37 008,397	696 853,481	18,830	18,366							
33	57	94 919	35 787,104	659 845,085	18,438	17,975							
34	58	94 497	34 589,982	624 057,980	18,042	17,578							
35	59	94 036	33 418,846	589 467,998	17,639	17,176							
36	60	93 530	32 270,732	556 049,152	17,231	16,768							
37	61	92 968	31 142,654	523 778,420	16,819	16,355							
38	62	92 356	30 036,691	492 635,767	16,401	15,938							
39	63	91 698	28 953,862	462 599,075	15,977	15,514							
40	64	90 973	27 888,275	433 645,213	15,549	15,086							
41	65	90 187	26 842,134	405 756,938	15,116	14,653							
42	66	89 334	25 813,981	378 914,804	14,679	14,215							
43	67	88 427	24 807,487	353 100,823	14,234	13,770							
44	68	87 460	23 821,505	328 293,336	13,781	13,318							
45	69	86 417	22 851,990	304 471,831	13,324	12,860							
46	70	85 259	21 889,013	281 619,841	12,866	12,403							
47	71	84 015	20 941,440	259 730,827	12,403	11,939							
48	72	82 661	20 003,876	238 789,387	11,937	11,474							
49	73	81 212	19 080,725	218 785,512	11,466	11,003							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	2 745 035,344	27,606	27,143	50	75	78 170	17 831,052	188 433,421	10,568	10,104
1	26	99 080	96 194,635	2 645 598,914	27,503	27,039	51	76	76 351	16 908,880	170 602,369	10,090	9,626
2	27	99 039	93 353,636	2 549 404,279	27,309	26,846	52	77	74 393	15 995,349	153 693,488	9,609	9,145
3	28	99 005	90 603,534	2 456 050,643	27,108	26,644	53	78	72 322	15 097,145	137 698,139	9,121	8,658
4	29	98 970	87 933,237	2 365 447,109	26,900	26,437	54	79	70 036	14 194,268	122 600,994	8,637	8,174
5	30	98 934	85 341,269	2 277 513,872	26,687	26,224	55	80	67 539	13 289,384	108 406,727	8,157	7,694
6	31	98 897	82 824,643	2 192 172,602	26,468	26,004	56	81	64 787	12 376,574	95 117,343	7,685	7,222
7	32	98 856	80 379,143	2 109 347,959	26,242	25,779	57	82	61 774	11 457,426	82 740,769	7,222	6,758
8	33	98 813	78 004,208	2 028 968,816	26,011	25,548	58	83	58 455	10 525,931	71 283,342	6,772	6,309
9	34	98 771	75 699,952	1 950 964,608	25,772	25,309	59	84	54 802	9 580,708	60 757,411	6,342	5,878
10	35	98 726	73 461,142	1 875 264,656	25,527	25,064	60	85	50 860	8 632,652	51 176,703	5,928	5,465
11	36	98 672	71 282,886	1 801 803,514	25,277	24,814	61	86	46 662	7 689,397	42 544,051	5,533	5,070
12	37	98 618	69 168,903	1 730 520,628	25,019	24,556	62	87	42 231	6 756,456	34 854,654	5,159	4,695
13	38	98 560	67 114,424	1 661 351,725	24,754	24,291	63	88	37 599	5 840,180	28 098,197	4,811	4,348
14	39	98 496	65 117,478	1 594 237,301	24,482	24,019	64	89	32 907	4 962,503	22 258,018	4,485	4,022
15	40	98 420	63 171,913	1 529 119,823	24,206	23,742	65	90	28 263	4 138,058	17 295,514	4,180	3,716
16	41	98 342	61 283,597	1 465 947,910	23,921	23,457	66	91	23 735	3 373,881	13 157,456	3,900	3,437
17	42	98 248	59 441,433	1 404 664,313	23,631	23,168	67	92	19 464	2 686,199	9 783,575	3,642	3,179
18	43	98 142	57 648,190	1 345 222,880	23,335	22,872	68	93	15 520	2 079,514	7 097,376	3,413	2,950
19	44	98 016	55 897,401	1 287 574,690	23,035	22,571	69	94	12 028	1 564,716	5 017,862	3,207	2,744
20	45	97 884	54 196,112	1 231 677,289	22,726	22,263	70	95	9 073	1 145,886	3 453,146	3,014	2,550
21	46	97 739	52 539,297	1 177 481,177	22,411	21,948	71	96	6 614	810,975	2 307,260	2,845	2,382
22	47	97 583	50 928,016	1 124 941,880	22,089	21,626	72	97	4 648	553,285	1 496,286	2,704	2,241
23	48	97 416	49 359,727	1 074 013,865	21,759	21,296	73	98	3 192	368,887	943,000	2,556	2,093
24	49	97 227	47 829,256	1 024 654,138	21,423	20,960	74	99	2 111	236,855	574,113	2,424	1,961
25	50	97 019	46 336,734	976 824,882	21,081	20,618	75	100	1 343	146,313	337,258	2,305	1,842
26	51	96 797	44 884,335	930 488,148	20,731	20,268							
27	52	96 554	43 467,374	885 603,813	20,374	19,911							
28	53	96 297	42 089,366	842 136,439	20,008	19,545							
29	54	96 014	40 743,326	800 047,073	19,636	19,173							
30	55	95 703	39 428,216	759 303,747	19,258	18,795							
31	56	95 354	38 140,527	719 875,531	18,874	18,411							
32	57	94 977	36 883,249	681 735,004	18,484	18,020							
33	58	94 563	35 652,678	644 851,755	18,087	17,624							
34	59	94 102	34 445,618	609 199,077	17,686	17,223							
35	60	93 600	33 263,968	574 753,459	17,279	16,815							
36	61	93 050	32 105,286	541 489,491	16,866	16,403							
37	62	92 449	30 968,685	509 384,205	16,448	15,985							
38	63	91 791	29 852,809	478 415,520	16,026	15,563							
39	64	91 078	28 758,128	448 562,711	15,598	15,135							
40	65	90 299	27 681,656	419 804,582	15,165	14,702							
41	66	89 464	26 627,030	392 122,926	14,726	14,263							
42	67	88 552	25 587,908	365 495,896	14,284	13,821							
43	68	87 599	24 575,340	339 907,988	13,831	13,368							
44	69	86 567	23 578,431	315 332,648	13,374	12,911							
45	70	85 419	22 588,135	291 754,217	12,916	12,453							
46	71	84 189	21 614,267	269 166,082	12,453	11,990							
47	72	82 854	20 652,145	247 551,815	11,987	11,524							
48	73	81 425	19 704,860	226 899,670	11,515	11,052							
49	74	79 853	18 761,389	207 194,810	11,044	10,580							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	21 523,590	390 817,767	18,158	17,694
1	0	99 661	96 758,643	2 905 314,430	30,026	29,563	51	50	93 896	20 794,462	369 294,177	17,759	17,296
2	1	99 349	93 646,129	2 808 555,787	29,991	29,528	52	51	93 387	20 079,471	348 499,715	17,356	16,893
3	2	99 314	90 886,259	2 714 909,658	29,872	29,408	53	52	92 821	19 376,414	328 420,243	16,949	16,486
4	3	99 289	88 217,033	2 624 023,399	29,745	29,282	54	53	92 198	18 685,853	309 043,830	16,539	16,076
5	4	99 268	85 629,294	2 535 806,366	29,614	29,151	55	54	91 509	18 006,005	290 357,977	16,126	15,662
6	5	99 250	83 120,030	2 450 177,072	29,478	29,014	56	55	90 738	17 334,270	272 351,972	15,712	15,249
7	6	99 234	80 686,309	2 367 057,042	29,337	28,873	57	56	89 883	16 670,747	255 017,702	15,297	14,834
8	7	99 217	78 322,890	2 286 370,733	29,192	28,728	58	57	88 946	16 016,424	238 346,955	14,881	14,418
9	8	99 205	76 032,228	2 208 047,842	29,041	28,578	59	58	87 927	15 371,861	222 330,531	14,463	14,000
10	9	99 190	73 806,453	2 132 015,614	28,887	28,423	60	59	86 799	14 732,706	206 958,670	14,048	13,584
11	10	99 177	71 647,606	2 058 209,161	28,727	28,264	61	60	85 572	14 101,282	192 225,964	13,632	13,169
12	11	99 165	69 552,108	1 986 561,555	28,562	28,099	62	61	84 231	13 476,096	178 124,682	13,218	12,755
13	12	99 148	67 515,148	1 917 009,447	28,394	27,931	63	62	82 776	12 857,585	164 648,586	12,806	12,342
14	13	99 133	65 538,454	1 849 494,299	28,220	27,757	64	63	81 204	12 245,947	151 791,001	12,395	11,932
15	14	99 113	63 616,678	1 783 955,845	28,042	27,579	65	64	79 515	11 641,997	139 545,054	11,986	11,523
16	15	99 088	61 748,469	1 720 339,168	27,860	27,397	66	65	77 714	11 046,932	127 903,057	11,578	11,115
17	16	99 054	59 929,322	1 658 590,699	27,676	27,213	67	66	75 796	10 460,495	116 856,125	11,171	10,708
18	17	99 015	58 160,857	1 598 661,377	27,487	27,024	68	67	73 774	9 884,867	106 395,630	10,763	10,300
19	18	98 964	56 437,737	1 540 500,520	27,296	26,832	69	68	71 648	9 320,445	96 510,763	10,355	9,892
20	19	98 908	54 762,918	1 484 062,783	27,100	26,637	70	69	69 422	8 767,809	87 190,318	9,944	9,481
21	20	98 851	53 137,207	1 429 299,865	26,898	26,435	71	70	67 076	8 224,738	78 422,509	9,535	9,072
22	21	98 795	51 560,215	1 376 162,658	26,690	26,227	72	71	64 582	7 688,321	70 197,770	9,130	8,667
23	22	98 737	50 028,979	1 324 602,443	26,477	26,013	73	72	62 016	7 167,793	62 509,449	8,721	8,258
24	23	98 678	48 543,269	1 274 573,465	26,256	25,793	74	73	59 328	6 657,369	55 341,656	8,313	7,850
25	24	98 617	47 100,094	1 226 030,196	26,030	25,567	75	74	56 516	6 157,112	48 684,286	7,907	7,444
26	25	98 557	45 700,541	1 178 930,102	25,797	25,334	76	75	53 588	5 668,082	42 527,175	7,503	7,040
27	26	98 495	44 341,283	1 133 229,562	25,557	25,094	77	76	50 543	5 190,345	36 859,093	7,101	6,638
28	27	98 433	43 022,918	1 088 888,279	25,310	24,846	78	77	47 434	4 729,165	31 668,748	6,706	6,233
29	28	98 367	41 741,591	1 045 865,521	25,056	24,592	79	78	44 228	4 281,097	26 939,583	6,293	5,829
30	29	98 295	40 496,184	1 004 123,930	24,796	24,332	80	79	40 896	3 843,284	22 658,486	5,896	5,432
31	30	98 219	39 286,223	963 627,746	24,528	24,065	81	80	37 425	3 414,645	18 815,202	5,510	5,047
32	31	98 135	38 109,305	924 341,522	24,255	23,792	82	81	33 859	2 999,354	15 400,557	5,135	4,671
33	32	98 043	36 964,816	886 232,217	23,975	23,512	83	82	30 236	2 600,378	12 401,203	4,769	4,306
34	33	97 941	35 850,963	849 267,401	23,689	23,226	84	83	26 539	2 215,906	9 800,824	4,423	3,960
35	34	97 838	34 770,118	813 416,438	23,394	22,931	85	84	22 828	1 850,538	7 584,918	4,099	3,636
36	35	97 727	33 719,031	778 646,321	23,092	22,629	86	85	19 194	1 510,618	5 734,381	3,796	3,333
37	36	97 595	32 692,740	744 927,290	22,786	22,322	87	86	15 740	1 202,753	4 223,762	3,512	3,049
38	37	97 451	31 693,741	712 234,550	22,472	22,009	88	87	12 540	930,316	3 021,009	3,247	2,784
39	38	97 303	30 723,837	680 540,809	22,150	21,687	89	88	9 640	694,317	2 090,694	3,011	2,548
40	39	97 137	29 778,017	649 816,972	21,822	21,359	90	89	7 136	498,981	1 396,377	2,798	2,335
41	40	96 954	28 856,130	620 038,955	21,487	21,024	91	90	5 077	344,650	897,396	2,604	2,141
42	41	96 752	27 957,304	591 182,826	21,146	20,683	92	91	3 461	228,112	552,746	2,423	1,960
43	42	96 544	27 084,751	563 225,522	20,795	20,332	93	92	2 240	143,354	324,633	2,265	1,801
44	43	96 312	26 232,758	536 140,771	20,438	19,975	94	93	1 374	85,337	181,279	2,124	1,661
45	44	96 059	25 401,766	509 908,013	20,074	19,610	95	94	793	47,820	95,942	2,006	1,543
46	45	95 788	24 592,278	484 506,247	19,702	19,238	96	95	433	25,367	48,122	1,897	1,434
47	46	95 488	23 801,119	459 913,969	19,323	18,860	97	96	221	12,589	22,756	1,808	1,344
48	47	95 152	23 026,704	436 112,850	18,939	18,476	98	97	106	5,876	10,167	1,730	1,267
49	48	94 779	22 268,380	413 086,146	18,550	18,087	99	98	49	2,607	4,291	1,646	1,183
							100	99	21	1,067	1,684	1,578	1,115

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	21 556,293	394 286,781	18,291	17,828
1							51	49	94 054	20 829,541	372 730,488	17,894	17,431
2	0	99 637	93 917,727	2 812 844,005	29,950	29,487	52	50	93 560	20 116,564	351 900,947	17,493	17,030
3	1	99 336	90 906,478	2 718 926,278	29,909	29,446	53	51	93 014	19 416,733	331 784,383	17,088	16,624
4	2	99 302	88 228,627	2 628 019,800	29,786	29,323	54	52	92 402	18 727,135	312 367,650	16,680	16,217
5	3	99 278	85 637,833	2 539 791,173	29,657	29,194	55	53	91 737	18 050,745	293 640,515	16,268	15,804
6	4	99 259	83 127,682	2 454 153,341	29,523	29,059	56	54	90 989	17 382,145	275 589,770	15,855	15,392
7	5	99 241	80 691,792	2 371 025,659	29,384	28,921	57	55	90 163	16 722,794	258 207,625	15,440	14,977
8	6	99 224	78 328,610	2 290 333,867	29,240	28,777	58	56	89 247	16 070,769	241 484,830	15,026	14,563
9	7	99 210	76 035,850	2 212 005,258	29,092	28,628	59	57	88 259	15 429,820	225 414,061	14,609	14,146
10	8	99 197	73 811,772	2 135 969,408	28,938	28,475	60	58	87 163	14 794,452	209 984,241	14,193	13,730
11	9	99 182	71 651,414	2 062 157,635	28,780	28,317	61	59	85 970	14 166,938	195 189,790	13,778	13,315
12	10	99 170	69 555,975	1 990 506,221	28,617	28,154	62	60	84 665	13 545,542	181 022,852	13,364	12,901
13	11	99 156	67 520,341	1 920 950,246	28,450	27,987	63	61	83 241	12 929,813	167 477,310	12,953	12,490
14	12	99 139	65 542,596	1 853 429,906	28,278	27,815	64	62	81 704	12 321,378	154 547,497	12,543	12,080
15	13	99 121	63 621,706	1 787 887,310	28,102	27,639	65	63	80 056	11 721,235	142 226,120	12,134	11,671
16	14	99 097	61 754,165	1 724 265,603	27,921	27,458	66	64	78 294	11 129,387	130 504,885	11,726	11,263
17	15	99 066	59 936,261	1 662 511,438	27,738	27,275	67	65	76 408	10 545,000	119 375,497	11,321	10,857
18	16	99 028	58 168,293	1 602 575,177	27,551	27,087	68	66	74 426	9 972,201	108 830,498	10,913	10,450
19	17	98 977	56 445,055	1 544 406,884	27,361	26,898	69	67	72 325	9 408,489	98 858,297	10,507	10,044
20	18	98 924	54 771,809	1 487 961,829	27,167	26,703	70	68	70 138	8 858,198	89 449,808	10,098	9,635
21	19	98 867	53 145,942	1 433 190,020	26,967	26,504	71	69	67 859	8 320,813	80 591,610	9,686	9,222
22	20	98 811	51 568,656	1 380 044,078	26,761	26,298	72	70	65 403	7 786,050	72 270,797	9,282	8,819
23	21	98 753	50 037,475	1 328 475,422	26,550	26,086	73	71	62 885	7 268,199	64 484,747	8,872	8,409
24	22	98 695	48 551,414	1 278 437,947	26,332	25,868	74	72	60 228	6 758,393	57 216,547	8,466	8,003
25	23	98 633	47 107,799	1 229 886,533	26,108	25,645	75	73	57 478	6 261,911	50 458,154	8,058	7,595
26	24	98 574	45 708,049	1 182 778,734	25,877	25,414	76	74	54 581	5 773,107	44 196,243	7,656	7,192
27	25	98 514	44 349,905	1 137 070,685	25,639	25,175	77	75	51 581	5 296,919	38 423,136	7,254	6,791
28	26	98 451	43 030,428	1 092 720,780	25,394	24,931	78	76	48 508	4 836,283	33 126,217	6,850	6,386
29	27	98 387	41 750,348	1 049 690,352	25,142	24,679	79	77	45 313	4 386,093	28 289,934	6,450	5,987
30	28	98 318	40 505,824	1 007 940,004	24,884	24,421	80	78	42 040	3 950,775	23 903,841	6,050	5,587
31	29	98 243	39 295,920	967 434,180	24,619	24,156	81	79	38 615	3 523,189	19 953,066	5,663	5,200
32	30	98 162	38 120,085	928 138,260	24,348	23,885	82	80	35 097	3 108,982	16 429,877	5,285	4,821
33	31	98 075	36 976,723	890 018,175	24,070	23,606	83	81	31 510	2 709,900	13 320,896	4,916	4,452
34	32	97 974	35 863,010	853 041,452	23,786	23,323	84	82	27 848	2 325,195	10 610,996	4,563	4,100
35	33	97 873	34 782,299	817 178,443	23,494	23,031	85	83	24 161	1 958,647	8 285,801	4,230	3,767
36	34	97 764	33 731,909	782 396,143	23,195	22,731	86	84	20 501	1 613,543	6 327,154	3,921	3,458
37	35	97 641	32 708,013	748 664,234	22,889	22,426	87	85	16 993	1 298,440	4 713,611	3,630	3,167
38	36	97 498	31 708,861	715 956,221	22,579	22,116	88	86	13 709	1 017,048	3 415,171	3,358	2,895
39	37	97 352	30 739,358	684 247,360	22,260	21,796	89	87	10 700	770,688	2 398,123	3,112	2,648
40	38	97 191	29 794,526	653 508,002	21,934	21,471	90	88	8 047	562,742	1 627,434	2,892	2,429
41	39	97 017	28 874,917	623 713,476	21,601	21,137	91	89	5 827	395,606	1 064,692	2,691	2,228
42	40	96 813	27 975,016	594 838,559	21,263	20,800	92	90	4 058	267,460	669,086	2,502	2,038
43	41	96 615	27 104,617	566 863,543	20,914	20,451	93	91	2 686	171,873	401,626	2,337	1,874
44	42	96 390	26 253,941	539 758,926	20,559	20,096	94	92	1 691	105,088	229,753	2,186	1,723
45	43	96 145	25 424,539	513 504,985	20,197	19,734	95	93	1 003	60,490	124,665	2,061	1,598
46	44	95 879	24 615,560	488 080,446	19,828	19,365	96	94	562	32,920	64,175	1,949	1,486
47	45	95 590	23 826,748	463 464,885	19,451	18,988	97	95	297	16,881	31,255	1,851	1,388
48	46	95 265	23 054,004	439 638,137	19,070	18,607	98	96	148	8,153	14,374	1,763	1,300
49	47	94 902	22 297,352	416 584,133	18,683	18,220	99	97	69	3,696	6,221	1,683	1,220
							100	98	30	1,567	2,525	1,611	1,147

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	21 584,339	397 487,974	18,416	17,952
1							51	48	94 197	20 861,189	375 903,635	18,019	17,556
2							52	49	93 718	20 150,499	355 042,445	17,620	17,156
3	0	99 624	91 170,130	2 722 894,144	29,866	29,403	53	50	93 186	19 452,601	334 891,946	17,216	16,753
4	1	99 324	88 248,254	2 631 724,013	29,822	29,359	54	51	92 594	18 766,103	315 439,345	16,809	16,346
5	2	99 291	85 649,087	2 543 475,759	29,696	29,233	55	52	91 939	18 090,625	296 673,242	16,399	15,936
6	3	99 269	83 135,971	2 457 826,672	29,564	29,101	56	53	91 215	17 425,335	278 582,617	15,987	15,524
7	4	99 250	80 699,220	2 374 690,702	29,426	28,963	57	54	90 412	16 768,981	261 157,282	15,574	15,111
8	5	99 231	78 333,932	2 293 991,481	29,285	28,822	58	55	89 526	16 120,943	244 388,301	15,160	14,696
9	6	99 217	76 041,402	2 215 657,550	29,138	28,674	59	56	88 558	15 482,174	228 267,358	14,744	14,281
10	7	99 202	73 815,288	2 139 616,148	28,986	28,523	60	57	87 492	14 850,233	212 785,183	14,329	13,866
11	8	99 189	71 656,578	2 065 800,860	28,829	28,366	61	58	86 330	14 226,312	197 934,950	13,913	13,450
12	9	99 175	69 559,672	1 994 144,281	28,668	28,205	62	59	85 059	13 608,610	183 708,638	13,499	13,036
13	10	99 161	67 524,094	1 924 584,609	28,502	28,039	63	60	83 670	12 996,443	170 100,027	13,088	12,625
14	11	99 147	65 547,637	1 857 060,515	28,331	27,868	64	61	82 163	12 390,594	157 103,584	12,679	12,216
15	12	99 127	63 625,727	1 791 512,878	28,157	27,694	65	62	80 549	11 793,433	144 712,991	12,271	11,807
16	13	99 105	61 759,047	1 727 887,150	27,978	27,515	66	63	78 827	11 205,136	132 919,557	11,862	11,399
17	14	99 075	59 941,790	1 666 128,104	27,796	27,333	67	64	76 979	10 623,708	121 714,421	11,457	10,994
18	15	99 039	58 175,029	1 606 186,313	27,610	27,146	68	65	75 027	10 052,761	111 090,712	11,051	10,588
19	16	98 989	56 452,272	1 548 011,285	27,422	26,958	69	66	72 964	9 491,614	101 037,952	10,645	10,182
20	17	98 937	54 778,911	1 491 559,013	27,229	26,765	70	67	70 800	8 941,876	91 546,338	10,238	9,775
21	18	98 883	53 154,571	1 436 780,102	27,030	26,567	71	68	68 559	8 406,594	82 604,462	9,826	9,363
22	19	98 827	51 577,133	1 383 625,531	26,826	26,363	72	69	66 167	7 877,000	74 197,868	9,420	8,956
23	20	98 769	50 045,667	1 332 048,398	26,617	26,153	73	70	63 684	7 360,588	66 320,868	9,010	8,547
24	21	98 712	48 559,660	1 282 002,732	26,401	25,937	74	71	61 072	6 853,065	58 960,280	8,603	8,140
25	22	98 650	47 115,704	1 233 443,072	26,179	25,716	75	72	58 350	6 356,934	52 107,215	8,197	7,734
26	23	98 590	45 715,526	1 186 327,368	25,950	25,487	76	73	55 510	5 871,370	45 750,281	7,792	7,329
27	24	98 530	44 357,191	1 140 611,842	25,714	25,251	77	74	52 537	5 395,067	39 878,911	7,392	6,929
28	25	98 470	43 038,795	1 096 254,651	25,471	25,008	78	75	49 504	4 935,587	34 483,844	6,987	6,524
29	26	98 405	41 757,791	1 053 215,856	25,222	24,759	79	76	46 339	4 485,440	29 548,257	6,588	6,124
30	27	98 339	40 514,322	1 011 458,064	24,965	24,502	80	77	43 071	4 047,669	25 062,817	6,192	5,729
31	28	98 266	39 305,275	970 943,743	24,703	24,239	81	78	39 695	3 621,727	21 015,147	5,803	5,339
32	29	98 187	38 129,494	931 638,468	24,434	23,970	82	79	36 213	3 207,809	17 393,420	5,422	4,959
33	30	98 102	36 987,182	893 508,974	24,157	23,694	83	80	32 661	2 808,948	14 185,611	5,050	4,587
34	31	98 006	35 874,561	856 521,792	23,875	23,412	84	81	29 020	2 423,127	11 376,664	4,695	4,232
35	32	97 905	34 793,987	820 647,231	23,586	23,123	85	82	25 353	2 055,248	8 953,537	4,356	3,893
36	33	97 799	33 743,727	785 853,244	23,289	22,826	86	83	21 699	1 707,807	6 898,289	4,039	3,576
37	34	97 678	32 720,505	752 109,516	22,986	22,523	87	84	18 150	1 386,908	5 190,482	3,742	3,279
38	35	97 543	31 723,674	719 389,011	22,677	22,213	88	85	14 800	1 097,961	3 803,574	3,464	3,001
39	36	97 399	30 754,023	687 665,337	22,360	21,897	89	86	11 698	842,539	2 705,613	3,211	2,748
40	37	97 240	29 809,578	656 911,314	22,037	21,574	90	87	8 933	624,641	1 863,074	2,983	2,519
41	38	97 071	28 890,926	627 101,736	21,706	21,243	91	88	6 572	446,158	1 238,434	2,776	2,313
42	39	96 876	27 993,229	598 210,810	21,370	20,907	92	89	4 658	307,004	792,276	2,581	2,117
43	40	96 676	27 121,789	570 217,581	21,024	20,561	93	90	3 149	201,520	485,272	2,408	1,945
44	41	96 461	26 273,198	543 095,792	20,671	20,208	94	91	2 028	125,994	283,752	2,252	1,789
45	42	96 223	25 445,069	516 822,594	20,311	19,848	95	92	1 235	74,490	157,758	2,118	1,655
46	43	95 965	24 637,628	491 377,525	19,944	19,481	96	93	711	41,643	83,268	2,000	1,536
47	44	95 681	23 849,306	466 739,897	19,570	19,107	97	94	385	21,908	41,625	1,900	1,437
48	45	95 368	23 078,829	442 890,590	19,190	18,727	98	95	198	10,933	19,717	1,804	1,340
49	46	95 015	22 323,788	419 811,761	18,806	18,342	99	96	96	5,129	8,785	1,713	1,250
							100	97	43	2,222	3,656	1,645	1,182

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	21 609,929	400 436,992	18,530	18,067
1							51	47	94 320	20 888,331	378 827,063	18,136	17,673
2							52	48	93 860	20 181,116	357 938,732	17,736	17,273
3							53	49	93 343	19 485,416	337 757,616	17,334	16,871
4	0	99 612	88 504,197	2 635 391,217	29,777	29,314	54	50	92 765	18 800,770	318 272,200	16,929	16,465
5	1	99 313	85 668,141	2 546 887,020	29,730	29,266	55	51	92 131	18 128,268	299 471,430	16,520	16,056
6	2	99 282	83 146,896	2 461 218,879	29,601	29,138	56	52	91 416	17 463,833	281 343,162	16,110	15,647
7	3	99 260	80 707,267	2 378 071,983	29,465	29,002	57	53	90 637	16 810,647	263 879,329	15,697	15,234
8	4	99 240	78 341,143	2 297 364,716	29,325	28,862	58	54	89 773	16 165,467	247 068,681	15,284	14,821
9	5	99 224	76 046,569	2 219 023,573	29,180	28,717	59	55	88 835	15 530,511	230 903,214	14,868	14,404
10	6	99 209	73 820,678	2 142 977,004	29,029	28,566	60	56	87 789	14 900,621	215 372,703	14,454	13,991
11	7	99 194	71 659,991	2 069 156,326	28,875	28,411	61	57	86 656	14 279,952	200 472,082	14,039	13,575
12	8	99 183	69 564,686	1 997 496,334	28,714	28,251	62	58	85 416	13 665,645	186 192,130	13,625	13,162
13	9	99 167	67 527,684	1 927 931,649	28,550	28,087	63	59	84 060	13 056,955	172 526,485	13,213	12,750
14	10	99 152	65 551,281	1 860 403,965	28,381	27,918	64	60	82 586	12 454,445	159 469,530	12,804	12,341
15	11	99 134	63 630,621	1 794 852,684	28,207	27,744	65	61	81 001	11 859,684	147 015,085	12,396	11,933
16	12	99 111	61 762,950	1 731 222,063	28,030	27,567	66	62	79 312	11 274,156	135 155,401	11,988	11,525
17	13	99 082	59 946,528	1 669 459,113	27,849	27,386	67	63	77 503	10 696,016	123 881,245	11,582	11,119
18	14	99 048	58 180,396	1 609 512,585	27,664	27,201	68	64	75 587	10 127,796	113 185,230	11,176	10,712
19	15	99 001	56 458,808	1 551 332,189	27,477	27,014	69	65	73 553	9 568,291	103 057,434	10,771	10,308
20	16	98 949	54 785,915	1 494 873,381	27,286	26,823	70	66	71 426	9 020,878	93 489,143	10,364	9,900
21	17	98 896	53 161,463	1 440 087,466	27,089	26,626	71	67	69 206	8 486,005	84 468,264	9,954	9,491
22	18	98 843	51 585,507	1 386 926,003	26,886	26,423	72	68	66 849	7 958,205	75 982,259	9,548	9,084
23	19	98 786	50 053,894	1 335 340,496	26,678	26,215	73	69	64 428	7 446,568	68 024,054	9,135	8,672
24	20	98 728	48 567,609	1 285 286,602	26,464	26,001	74	70	61 848	6 940,176	60 577,485	8,729	8,265
25	21	98 667	47 123,705	1 236 718,993	26,244	25,781	75	71	59 167	6 445,982	53 637,309	8,321	7,858
26	22	98 606	45 723,198	1 189 595,288	26,017	25,554	76	72	56 352	5 960,467	47 191,327	7,917	7,454
27	23	98 546	44 364,448	1 143 872,091	25,784	25,320	77	73	53 431	5 486,896	41 230,861	7,514	7,051
28	24	98 486	43 045,866	1 099 507,643	25,543	25,079	78	74	50 422	5 027,040	35 743,965	7,110	6,647
29	25	98 424	41 765,911	1 056 461,777	25,295	24,832	79	75	47 290	4 577,540	30 716,925	6,710	6,247
30	26	98 356	40 521,544	1 014 695,866	25,041	24,578	80	76	44 046	4 139,351	26 139,385	6,315	5,852
31	27	98 287	39 313,520	974 174,321	24,780	24,316	81	77	40 668	3 710,552	22 000,033	5,929	5,466
32	28	98 210	38 138,571	934 860,801	24,512	24,049	82	78	37 226	3 297,526	18 289,482	5,546	5,083
33	29	98 127	36 996,311	896 722,230	24,238	23,775	83	79	33 700	2 898,238	14 991,955	5,173	4,710
34	30	98 034	35 884,709	859 725,919	23,958	23,495	84	80	30 081	2 511,693	12 093,718	4,815	4,352
35	31	97 937	34 805,194	823 841,210	23,670	23,207	85	81	26 421	2 141,810	9 582,025	4,474	4,011
36	32	97 832	33 755,066	789 036,015	23,375	22,912	86	82	22 769	1 792,037	7 440,215	4,152	3,689
37	33	97 712	32 731,969	755 280,950	23,075	22,611	87	83	19 211	1 467,932	5 648,178	3,848	3,384
38	34	97 581	31 735,791	722 548,981	22,768	22,304	88	84	15 808	1 172,769	4 180,246	3,564	3,101
39	35	97 444	30 768,390	690 813,190	22,452	21,989	89	85	12 628	909,568	3 007,477	3,306	2,843
40	36	97 286	29 823,800	660 044,800	22,131	21,668	90	86	9 765	682,875	2 097,909	3,072	2,609
41	37	97 120	28 905,521	630 221,000	21,803	21,340	91	87	7 295	495,233	1 415,034	2,857	2,394
42	38	96 930	28 008,749	601 315,479	21,469	21,006	92	88	5 253	346,234	919,801	2,657	2,193
43	39	96 739	27 139,447	573 306,730	21,124	20,661	93	89	3 615	231,315	573,567	2,480	2,016
44	40	96 522	26 289,843	546 167,283	20,775	20,312	94	90	2 378	147,727	342,252	2,317	1,854
45	41	96 294	25 463,733	519 877,440	20,416	19,953	95	91	1 481	89,309	194,525	2,178	1,715
46	42	96 042	24 657,523	494 413,708	20,051	19,588	96	92	876	51,281	105,217	2,052	1,589
47	43	95 767	23 870,687	469 756,184	19,679	19,216	97	93	487	27,712	53,936	1,946	1,483
48	44	95 458	23 100,679	445 885,497	19,302	18,839	98	94	257	14,188	26,223	1,848	1,385
49	45	95 117	22 347,826	422 784,819	18,918	18,455	99	95	128	6,878	12,035	1,750	1,287
							100	96	59	3,084	5,157	1,672	1,209

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	21 633,199	403 149,633	18,636	18,172
1							51	46	94 431	20 913,096	381 516,434	18,243	17,780
2							52	47	93 982	20 207,373	360 603,338	17,845	17,382
3							53	48	93 485	19 515,022	340 395,965	17,443	16,980
4							54	49	92 922	18 832,485	320 880,943	17,039	16,575
5	0	99 601	85 916,601	2 550 273,138	29,683	29,220	55	50	92 301	18 161,757	302 048,457	16,631	16,168
6	1	99 304	83 165,393	2 464 356,538	29,632	29,169	56	51	91 607	17 500,172	283 886,701	16,222	15,759
7	2	99 273	80 717,873	2 381 191,144	29,500	29,037	57	52	90 837	16 847,787	266 386,529	15,811	15,348
8	3	99 250	78 348,955	2 300 473,271	29,362	28,899	58	53	89 996	16 205,634	249 538,742	15,398	14,935
9	4	99 233	76 053,570	2 222 124,316	29,218	28,755	59	54	89 080	15 573,405	233 333,107	14,983	14,520
10	5	99 216	73 825,694	2 146 070,746	29,069	28,606	60	55	88 063	14 947,142	217 759,703	14,569	14,105
11	6	99 201	71 665,224	2 072 245,052	28,916	28,452	61	56	86 950	14 328,405	202 812,561	14,155	13,691
12	7	99 187	69 567,999	2 000 579,828	28,757	28,294	62	57	85 738	13 717,171	188 484,156	13,741	13,278
13	8	99 174	67 532,551	1 931 011,829	28,594	28,131	63	58	84 412	13 111,678	174 766,985	13,329	12,866
14	9	99 157	65 554,766	1 863 479,279	28,426	27,963	64	59	82 971	12 512,434	161 655,308	12,920	12,456
15	10	99 140	63 634,158	1 797 924,513	28,254	27,791	65	60	81 419	11 920,799	149 142,874	12,511	12,048
16	11	99 119	61 767,700	1 734 290,355	28,078	27,614	66	61	79 758	11 337,489	137 222,074	12,103	11,640
17	12	99 089	59 950,317	1 672 522,655	27,898	27,435	67	62	77 980	10 761,899	125 884,586	11,697	11,234
18	13	99 056	58 184,995	1 612 572,337	27,715	27,251	68	63	76 101	10 196,727	115 122,687	11,290	10,827
19	14	99 010	56 464,017	1 554 387,343	27,529	27,066	69	64	74 102	9 639,710	104 925,959	10,885	10,422
20	15	98 961	54 792,258	1 497 923,326	27,338	26,875	70	65	72 003	9 093,753	95 286,249	10,478	10,015
21	16	98 909	53 168,260	1 443 131,068	27,143	26,679	71	66	69 818	8 560,980	86 192,496	10,068	9,605
22	17	98 856	51 592,196	1 389 962,808	26,941	26,478	72	67	67 481	8 033,381	77 631,516	9,664	9,200
23	18	98 802	50 062,020	1 338 370,612	26,734	26,271	73	68	65 092	7 523,336	69 598,135	9,251	8,788
24	19	98 744	48 575,594	1 288 308,592	26,522	26,059	74	69	62 570	7 021,246	62 074,799	8,841	8,378
25	20	98 683	47 131,420	1 239 732,998	26,304	25,841	75	70	59 919	6 527,919	55 053,553	8,434	7,970
26	21	98 623	45 730,963	1 192 601,579	26,079	25,615	76	71	57 141	6 043,961	48 525,634	8,029	7,566
27	22	98 563	44 371,892	1 146 870,616	25,847	25,384	77	72	54 242	5 570,158	42 481,673	7,627	7,163
28	23	98 502	43 052,908	1 102 498,724	25,608	25,145	78	73	51 280	5 112,605	36 911,515	7,220	6,756
29	24	98 440	41 772,773	1 059 445,816	25,362	24,899	79	74	48 167	4 662,359	31 798,911	6,820	6,357
30	25	98 376	40 529,424	1 017 673,043	25,109	24,646	80	75	44 951	4 224,345	27 136,552	6,424	5,961
31	26	98 304	39 320,529	977 143,619	24,851	24,388	81	76	41 589	3 794,598	22 912,207	6,038	5,575
32	27	98 231	38 146,572	937 823,090	24,585	24,122	82	77	38 138	3 378,400	19 117,610	5,659	5,196
33	28	98 150	37 005,118	899 676,519	24,312	23,849	83	78	34 642	2 979,297	15 739,210	5,283	4,820
34	29	98 058	35 893,566	862 671,400	24,034	23,571	84	79	31 037	2 591,534	12 759,913	4,924	4,460
35	30	97 965	34 815,040	826 777,834	23,748	23,284	85	80	27 386	2 220,094	10 168,379	4,580	4,117
36	31	97 863	33 765,939	791 962,795	23,454	22,991	86	81	23 728	1 867,513	7 948,285	4,256	3,793
37	32	97 745	32 742,967	758 196,856	23,156	22,693	87	82	20 158	1 540,331	6 080,772	3,948	3,484
38	33	97 615	31 746,910	725 453,888	22,851	22,388	88	83	16 732	1 241,283	4 540,441	3,658	3,195
39	34	97 482	30 780,142	693 706,979	22,537	22,074	89	84	13 489	971,541	3 299,158	3,396	2,933
40	35	97 332	29 837,732	662 926,837	22,218	21,755	90	85	10 542	737,202	2 327,617	3,157	2,694
41	36	97 166	28 919,311	633 089,105	21,892	21,428	91	86	7 975	541,403	1 590,415	2,938	2,474
42	37	96 979	28 022,899	604 169,794	21,560	21,097	92	87	5 831	384,318	1 049,012	2,730	2,266
43	38	96 793	27 154,493	576 146,895	21,217	20,754	93	88	4 077	260,873	664,694	2,548	2,085
44	39	96 585	26 306,959	548 992,401	20,869	20,405	94	89	2 729	169,568	403,821	2,381	1,918
45	40	96 355	25 479,865	522 685,442	20,514	20,050	95	90	1 736	104,714	234,253	2,237	1,774
46	41	96 113	24 675,609	497 205,577	20,150	19,686	96	91	1 050	61,483	129,540	2,107	1,644
47	42	95 844	23 889,963	472 529,968	19,779	19,316	97	92	600	34,126	68,057	1,994	1,531
48	43	95 543	23 121,388	448 640,006	19,404	18,940	98	93	325	17,947	33,931	1,891	1,427
49	44	95 207	22 368,984	425 518,617	19,023	18,559	99	94	167	8,926	15,983	1,791	1,327
							100	95	79	4,135	7,057	1,707	1,243

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	21 653,681	405 641,004	18,733	18,270
1							51	45	94 533	20 935,616	383 987,323	18,341	17,878
2							52	46	94 094	20 231,331	363 051,707	17,945	17,482
3							53	47	93 607	19 540,413	342 820,377	17,544	17,081
4							54	48	93 063	18 861,100	323 279,964	17,140	16,677
5							55	49	92 456	18 192,394	304 418,865	16,733	16,270
6	0	99 592	83 406,594	2 467 480,817	29,584	29,121	56	50	91 776	17 532,500	286 226,471	16,325	15,862
7	1	99 295	80 735,830	2 384 074,223	29,529	29,066	57	51	91 026	16 882,844	268 693,971	15,915	15,452
8	2	99 263	78 359,251	2 303 338,393	29,395	28,931	58	52	90 195	16 241,437	251 811,126	15,504	15,041
9	3	99 243	76 061,153	2 224 979,141	29,253	28,789	59	53	89 301	15 612,100	235 569,689	15,089	14,626
10	4	99 225	73 832,490	2 148 917,988	29,105	28,642	60	54	88 306	14 988,424	219 957,589	14,675	14,212
11	5	99 208	71 670,094	2 075 085,498	28,953	28,490	61	55	87 221	14 373,139	204 969,164	14,261	13,797
12	6	99 195	69 573,079	2 003 415,404	28,796	28,333	62	56	86 029	13 763,714	190 596,025	13,848	13,384
13	7	99 179	67 535,767	1 933 842,325	28,634	28,171	63	57	84 730	13 161,115	176 832,311	13,436	12,973
14	8	99 165	65 559,490	1 866 306,558	28,467	28,004	64	58	83 318	12 564,874	163 671,196	13,026	12,563
15	9	99 145	63 637,541	1 800 747,068	28,297	27,834	65	59	81 798	11 976,303	151 106,322	12,617	12,154
16	10	99 125	61 771,134	1 737 109,527	28,122	27,658	66	60	80 169	11 395,914	139 130,019	12,209	11,746
17	11	99 096	59 954,928	1 675 338,393	27,943	27,480	67	61	78 418	10 822,355	127 734,106	11,803	11,340
18	12	99 062	58 188,672	1 615 383,465	27,761	27,298	68	62	76 570	10 259,535	116 911,751	11,395	10,932
19	13	99 018	56 468,480	1 557 194,793	27,576	27,113	69	63	74 607	9 705,320	106 652,216	10,989	10,526
20	14	98 970	54 797,313	1 500 726,313	27,387	26,924	70	64	72 540	9 161,630	96 946,896	10,582	10,119
21	15	98 920	53 174,416	1 445 928,999	27,192	26,729	71	65	70 382	8 630,139	87 785,266	10,172	9,709
22	16	98 869	51 598,792	1 392 754,583	26,992	26,529	72	66	68 077	8 104,357	79 155,127	9,767	9,304
23	17	98 815	50 068,511	1 341 155,791	26,786	26,323	73	67	65 707	7 594,404	71 050,769	9,356	8,892
24	18	98 760	48 583,480	1 291 087,280	26,575	26,111	74	68	63 215	7 093,629	63 456,365	8,946	8,482
25	19	98 699	47 139,168	1 242 503,800	26,358	25,895	75	69	60 619	6 604,173	56 362,737	8,534	8,071
26	20	98 639	45 738,449	1 195 364,632	26,135	25,672	76	70	57 868	6 120,787	49 758,564	8,129	7,666
27	21	98 580	44 379,428	1 149 626,183	25,904	25,441	77	71	55 002	5 648,185	43 637,776	7,726	7,263
28	22	98 518	43 060,132	1 105 246,755	25,668	25,204	78	72	52 058	5 190,187	37 989,592	7,320	6,856
29	23	98 456	41 779,607	1 062 186,623	25,424	24,960	79	73	48 986	4 741,716	32 799,405	6,917	6,454
30	24	98 392	40 536,083	1 020 407,017	25,173	24,710	80	74	45 784	4 302,619	28 057,689	6,521	6,058
31	25	98 324	39 328,175	979 870,934	24,915	24,452	81	75	42 443	3 872,513	23 755,070	6,134	5,671
32	26	98 248	38 153,372	940 542,759	24,652	24,188	82	76	39 002	3 454,922	19 882,557	5,755	5,292
33	27	98 171	37 012,882	902 389,387	24,380	23,917	83	77	35 492	3 052,366	16 427,635	5,382	4,919
34	28	98 081	35 902,111	865 376,505	24,104	23,641	84	78	31 905	2 664,015	13 375,269	5,021	4,557
35	29	97 989	34 823,633	829 474,395	23,819	23,356	85	79	28 257	2 290,666	10 711,254	4,676	4,213
36	30	97 891	33 775,490	794 650,762	23,527	23,064	86	80	24 595	1 935,771	8 420,589	4,350	3,887
37	31	97 777	32 753,514	760 875,272	23,230	22,767	87	81	21 007	1 605,206	6 484,818	4,040	3,577
38	32	97 648	31 757,577	728 121,758	22,927	22,464	88	82	17 557	1 302,504	4 879,612	3,746	3,283
39	33	97 516	30 790,926	696 364,180	22,616	22,153	89	83	14 277	1 028,299	3 577,108	3,479	3,015
40	34	97 369	29 849,128	665 573,255	22,298	21,835	90	84	11 261	787,431	2 548,809	3,237	2,774
41	35	97 211	28 932,821	635 724,127	21,972	21,509	91	85	8 609	584,475	1 761,378	3,014	2,550
42	36	97 025	28 036,268	606 791,305	21,643	21,180	92	86	6 374	420,148	1 176,904	2,801	2,338
43	37	96 842	27 168,211	578 755,037	21,303	20,839	93	87	4 525	289,568	756,756	2,613	2,150
44	38	96 638	26 321,544	551 586,826	20,956	20,492	94	88	3 078	191,236	467,188	2,443	1,980
45	39	96 417	25 496,454	525 265,282	20,602	20,138	95	89	1 993	120,196	275,952	2,296	1,833
46	40	96 173	24 691,242	499 768,828	20,241	19,778	96	90	1 231	72,088	155,757	2,161	1,697
47	41	95 914	23 907,486	475 077,586	19,871	19,408	97	91	720	40,915	83,669	2,045	1,582
48	42	95 621	23 140,059	451 170,101	19,497	19,034	98	92	400	22,101	42,753	1,934	1,471
49	43	95 293	22 389,038	428 030,041	19,118	18,655	99	93	211	11,291	20,652	1,829	1,366
							100	94	103	5,367	9,361	1,744	1,281

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	21 673,093	407 927,521	18,822	18,359
1							51	44	94 623	20 955,436	386 254,428	18,432	17,969
2							52	45	94 195	20 253,116	365 298,992	18,037	17,573
3							53	46	93 718	19 563,580	345 045,876	17,637	17,174
4							54	47	93 184	18 885,639	325 482,296	17,234	16,771
5							55	48	92 597	18 220,036	306 596,657	16,827	16,364
6							56	49	91 931	17 562,076	288 376,622	16,420	15,957
7	0	99 583	80 969,985	2 386 955,369	29,480	29,016	57	50	91 195	16 914,032	270 814,546	16,011	15,548
8	1	99 285	78 376,683	2 305 985,384	29,422	28,959	58	51	90 383	16 275,233	253 900,514	15,600	15,137
9	2	99 256	76 071,149	2 227 608,700	29,283	28,820	59	52	89 499	15 646,592	237 625,281	15,187	14,724
10	3	99 235	73 839,852	2 151 537,551	29,138	28,675	60	53	88 525	15 025,667	221 978,689	14,773	14,310
11	4	99 217	71 676,692	2 077 697,699	28,987	28,524	61	54	87 462	14 412,836	206 953,022	14,359	13,896
12	5	99 201	69 577,806	2 006 021,007	28,831	28,368	62	55	86 297	13 806,685	192 540,186	13,945	13,482
13	6	99 186	67 540,699	1 936 443,201	28,671	28,208	63	56	85 018	13 205,771	178 733,500	13,534	13,071
14	7	99 169	65 562,613	1 868 902,502	28,506	28,042	64	57	83 632	12 612,249	165 527,729	13,124	12,661
15	8	99 152	63 642,127	1 803 339,889	28,336	27,872	65	58	82 141	12 026,497	152 915,480	12,715	12,252
16	9	99 130	61 774,418	1 739 697,762	28,162	27,699	66	59	80 542	11 448,973	140 888,983	12,306	11,843
17	10	99 102	59 958,261	1 677 923,344	27,985	27,522	67	60	78 822	10 878,125	129 440,010	11,899	11,436
18	11	99 070	58 193,147	1 617 965,083	27,803	27,340	68	61	77 000	10 317,169	118 561,885	11,492	11,028
19	12	99 024	56 472,049	1 559 771,936	27,620	27,157	69	62	75 066	9 765,101	108 244,716	11,085	10,622
20	13	98 978	54 801,645	1 503 299,887	27,432	26,968	70	63	73 034	9 223,986	98 479,615	10,676	10,213
21	14	98 929	53 179,322	1 448 498,242	27,238	26,775	71	64	70 907	8 694,556	89 255,630	10,266	9,802
22	15	98 880	51 604,767	1 395 318,920	27,039	26,575	72	65	68 627	8 169,828	80 561,074	9,861	9,398
23	16	98 827	50 074,913	1 343 714,154	26,834	26,371	73	66	66 287	7 661,502	72 391,246	9,449	8,985
24	17	98 773	48 589,779	1 293 639,241	26,624	26,160	74	67	63 813	7 160,638	64 729,745	9,040	8,576
25	18	98 715	47 146,821	1 245 049,461	26,408	25,945	75	68	61 244	6 672,256	57 569,107	8,628	8,165
26	19	98 655	45 745,968	1 197 902,641	26,186	25,723	76	69	58 544	6 192,285	50 896,851	8,219	7,756
27	20	98 596	44 386,693	1 152 156,672	25,957	25,494	77	70	55 701	5 719,980	44 704,565	7,816	7,352
28	21	98 535	43 067,445	1 107 769,979	25,722	25,259	78	71	52 787	5 262,891	38 984,585	7,407	6,944
29	22	98 473	41 786,617	1 064 702,534	25,480	25,016	79	72	49 730	4 813,670	33 721,694	7,005	6,542
30	23	98 408	40 542,714	1 022 915,917	25,231	24,767	80	73	46 563	4 375,853	28 908,023	6,606	6,143
31	24	98 340	39 334,636	982 373,203	24,975	24,512	81	74	43 230	3 944,267	24 532,170	6,220	5,756
32	25	98 267	38 160,791	943 038,567	24,712	24,249	82	75	39 803	3 525,863	20 587,903	5,839	5,376
33	26	98 188	37 019,480	904 877,776	24,443	23,980	83	76	36 296	3 121,503	17 062,040	5,466	5,003
34	27	98 102	35 909,643	867 858,296	24,168	23,705	84	77	32 688	2 729,351	13 940,537	5,108	4,644
35	28	98 012	34 831,923	831 948,653	23,885	23,421	85	78	29 047	2 354,732	11 211,186	4,761	4,298
36	29	97 915	33 783,827	797 116,731	23,595	23,131	86	79	25 377	1 997,305	8 856,454	4,434	3,971
37	30	97 804	32 762,779	763 332,904	23,299	22,836	87	80	21 775	1 663,877	6 859,149	4,122	3,659
38	31	97 679	31 767,807	730 570,125	22,997	22,534	88	81	18 297	1 357,362	5 195,272	3,827	3,364
39	32	97 548	30 801,272	698 802,318	22,687	22,224	89	82	14 981	1 079,015	3 837,910	3,557	3,094
40	33	97 403	29 859,586	668 001,046	22,371	21,908	90	83	11 918	833,433	2 758,895	3,310	2,847
41	34	97 248	28 943,872	638 141,461	22,048	21,584	91	84	9 196	624,298	1 925,462	3,084	2,621
42	35	97 070	28 049,366	609 197,589	21,719	21,256	92	85	6 881	453,573	1 301,165	2,869	2,405
43	36	96 888	27 181,173	581 148,223	21,381	20,917	93	86	4 947	316,564	847,592	2,677	2,214
44	37	96 687	26 334,842	553 967,050	21,036	20,572	94	87	3 417	212,271	531,028	2,502	2,038
45	38	96 471	25 510,589	527 632,209	20,683	20,220	95	88	2 247	135,555	318,757	2,352	1,888
46	39	96 236	24 707,317	502 121,619	20,323	19,860	96	89	1 413	82,746	183,203	2,214	1,751
47	40	95 975	23 922,632	477 414,302	19,957	19,493	97	90	844	47,973	100,456	2,094	1,631
48	41	95 691	23 157,032	453 491,670	19,583	19,120	98	91	480	26,498	52,483	1,981	1,517
49	42	95 370	22 407,117	430 334,638	19,205	18,742	99	92	259	13,904	25,985	1,869	1,406
							100	93	130	6,789	12,082	1,780	1,316

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	21 690,594	410 024,108	18,903	18,440
1							51	43	94 707	20 974,223	388 333,514	18,515	18,052
2							52	44	94 284	20 272,291	367 359,291	18,121	17,658
3							53	45	93 819	19 584,646	347 087,000	17,722	17,259
4							54	46	93 295	18 908,030	327 502,354	17,321	16,858
5							55	47	92 717	18 243,741	308 594,324	16,915	16,452
6							56	48	92 070	17 588,760	290 350,583	16,508	16,045
7							57	49	91 348	16 942,564	272 761,823	16,099	15,636
8	0	99 573	78 603,996	2 308 641,378	29,371	28,907	58	50	90 550	16 305,298	255 819,259	15,689	15,226
9	1	99 278	76 088,072	2 230 037,382	29,309	28,845	59	51	89 685	15 679,150	239 513,961	15,276	14,813
10	2	99 248	73 849,556	2 153 949,309	29,167	28,703	60	52	88 721	15 058,863	223 834,811	14,864	14,401
11	3	99 227	71 683,839	2 080 099,753	29,018	28,554	61	53	87 679	14 448,648	208 775,948	14,450	13,986
12	4	99 210	69 584,212	2 008 415,915	28,863	28,400	62	54	86 536	13 844,818	194 327,300	14,036	13,573
13	5	99 193	67 545,288	1 938 831,703	28,704	28,241	63	55	85 283	13 247,001	180 482,482	13,624	13,161
14	6	99 177	65 567,400	1 871 286,415	28,540	28,077	64	56	83 916	12 655,043	167 235,481	13,215	12,752
15	7	99 157	63 645,159	1 805 719,014	28,372	27,908	65	57	82 450	12 071,842	154 580,437	12,805	12,342
16	8	99 137	61 778,920	1 742 073,856	28,199	27,735	66	58	80 880	11 496,957	142 508,595	12,395	11,932
17	9	99 107	59 961,448	1 680 294,986	28,023	27,560	67	59	79 189	10 928,774	131 011,639	11,988	11,525
18	10	99 075	58 196,383	1 620 333,538	27,843	27,379	68	60	77 397	10 370,336	120 082,865	11,579	11,116
19	11	99 032	56 476,392	1 562 137,155	27,660	27,197	69	61	75 488	9 819,957	109 712,529	11,172	10,709
20	12	98 984	54 805,108	1 505 660,763	27,473	27,010	70	62	73 484	9 280,802	99 892,572	10,763	10,300
21	13	98 937	53 183,526	1 450 855,655	27,280	26,817	71	63	71 390	8 753,733	90 611,770	10,351	9,888
22	14	98 889	51 609,528	1 397 672,129	27,082	26,618	72	64	69 139	8 230,808	81 858,038	9,945	9,482
23	15	98 839	50 080,711	1 346 062,602	26,878	26,415	73	65	66 823	7 723,394	73 627,230	9,533	9,070
24	16	98 786	48 595,992	1 295 981,891	26,668	26,205	74	66	64 376	7 223,903	65 903,835	9,123	8,660
25	17	98 728	47 152,934	1 247 385,899	26,454	25,991	75	67	61 823	6 735,285	58 679,932	8,712	8,249
26	18	98 671	45 753,395	1 200 232,964	26,233	25,769	76	68	59 147	6 256,123	51 944,648	8,303	7,840
27	19	98 612	44 393,990	1 154 479,570	26,005	25,542	77	69	56 351	5 786,797	45 688,525	7,895	7,432
28	20	98 551	43 074,496	1 110 085,580	25,771	25,308	78	70	53 458	5 329,789	39 901,728	7,487	7,023
29	21	98 490	41 793,714	1 067 011,084	25,530	25,067	79	71	50 426	4 881,100	34 571,939	7,083	6,620
30	22	98 424	40 549,517	1 025 217,370	25,283	24,820	80	72	47 270	4 442,256	29 690,839	6,684	6,221
31	23	98 356	39 341,071	984 667,853	25,029	24,566	81	73	43 965	4 011,402	25 248,583	6,294	5,831
32	24	98 283	38 167,061	945 326,782	24,768	24,305	82	74	40 541	3 591,194	21 237,181	5,914	5,450
33	25	98 207	37 026,678	907 159,721	24,500	24,037	83	75	37 041	3 185,597	17 645,987	5,539	5,076
34	26	98 119	35 916,044	870 133,043	24,227	23,764	84	76	33 428	2 791,172	14 460,389	5,181	4,718
35	27	98 033	34 839,230	834 216,999	23,945	23,482	85	77	29 760	2 412,483	11 669,217	4,837	4,374
36	28	97 938	33 791,869	799 377,769	23,656	23,193	86	78	26 087	2 053,166	9 256,734	4,509	4,045
37	29	97 828	32 770,866	765 585,900	23,362	22,899	87	79	22 467	1 716,768	7 203,568	4,196	3,733
38	30	97 707	31 776,793	732 815,034	23,061	22,598	88	80	18 965	1 406,974	5 486,800	3,900	3,436
39	31	97 580	30 811,193	701 038,242	22,753	22,289	89	81	15 612	1 124,460	4 079,826	3,628	3,165
40	32	97 436	29 869,619	670 227,048	22,438	21,975	90	82	12 506	874,538	2 955,366	3,379	2,916
41	33	97 283	28 954,012	640 357,429	22,116	21,653	91	83	9 733	660,769	2 080,828	3,149	2,686
42	34	97 107	28 060,079	611 403,417	21,789	21,326	92	84	7 350	484,477	1 420,058	2,931	2,468
43	35	96 933	27 193,871	583 343,338	21,451	20,988	93	85	5 340	341,748	935,581	2,738	2,274
44	36	96 733	26 347,405	556 149,467	21,108	20,645	94	86	3 735	232,061	593,833	2,559	2,096
45	37	96 519	25 523,477	529 802,062	20,757	20,294	95	87	2 494	150,465	361,772	2,404	1,941
46	38	96 289	24 721,016	504 278,585	20,399	19,936	96	88	1 593	93,320	211,308	2,264	1,801
47	39	96 038	23 938,207	479 557,569	20,033	19,570	97	89	968	55,066	117,988	2,143	1,679
48	40	95 751	23 171,702	455 619,362	19,663	19,200	98	90	563	31,069	62,922	2,025	1,562
49	41	95 440	22 423,552	432 447,660	19,285	18,822	99	91	311	16,670	31,853	1,911	1,448
							100	92	161	8,360	15,183	1,816	1,353

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	21 706,504	411 945,235	18,978	18,515
1							51	42	94 784	20 991,160	390 238,732	18,591	18,127
2							52	43	94 369	20 290,465	369 247,572	18,198	17,735
3							53	44	93 907	19 603,188	348 957,107	17,801	17,338
4							54	45	93 395	18 928,390	329 353,920	17,400	16,937
5							55	46	92 827	18 265,371	310 425,529	16,995	16,532
6							56	47	92 190	17 611,644	292 160,159	16,589	16,126
7							57	48	91 487	16 968,307	274 548,515	16,180	15,717
8							58	49	90 703	16 332,804	257 580,207	15,771	15,308
9	0	99 566	76 308,747	2 232 485,350	29,256	28,793	59	50	89 850	15 708,114	241 247,404	15,358	14,895
10	1	99 270	73 865,985	2 156 176,602	29,190	28,727	60	51	88 905	15 090,198	225 539,290	14,946	14,483
11	2	99 240	71 693,259	2 082 310,617	29,045	28,581	61	52	87 873	14 480,570	210 449,092	14,533	14,070
12	3	99 220	69 591,150	2 010 617,358	28,892	28,429	62	53	86 751	13 879,219	195 968,522	14,120	13,656
13	4	99 202	67 551,506	1 941 026,208	28,734	28,271	63	54	85 519	13 283,588	182 089,304	13,708	13,245
14	5	99 183	65 571,856	1 873 474,702	28,571	28,108	64	55	84 178	12 694,554	168 805,716	13,297	12,834
15	6	99 164	63 649,806	1 807 902,846	28,404	27,941	65	56	82 730	12 112,803	156 111,162	12,888	12,425
16	7	99 142	61 781,812	1 744 253,040	28,232	27,769	66	57	81 185	11 540,306	143 988,360	12,478	12,015
17	8	99 114	59 965,770	1 682 471,228	28,057	27,594	67	58	79 521	10 974,577	132 458,054	12,070	11,606
18	9	99 081	58 199,476	1 622 505,458	27,878	27,415	68	59	77 757	10 418,620	121 483,477	11,660	11,197
19	10	99 037	56 479,532	1 564 305,982	27,697	27,234	69	60	75 877	9 870,562	111 064,857	11,252	10,789
20	11	98 992	54 809,323	1 507 826,450	27,510	27,047	70	61	73 897	9 332,937	101 194,295	10,843	10,379
21	12	98 943	53 186,887	1 453 017,127	27,319	26,856	71	62	71 830	8 807,652	91 861,358	10,430	9,966
22	13	98 897	51 613,607	1 399 830,240	27,121	26,658	72	63	69 610	8 286,829	83 053,706	10,022	9,559
23	14	98 848	50 085,331	1 348 216,633	26,918	26,455	73	64	67 322	7 781,043	74 766,877	9,609	9,146
24	15	98 797	48 601,619	1 298 131,301	26,710	26,246	74	65	64 896	7 282,261	66 985,835	9,198	8,735
25	16	98 740	47 158,963	1 249 529,683	26,496	26,033	75	66	62 369	6 794,792	59 703,574	8,787	8,323
26	17	98 684	45 759,328	1 202 370,720	26,276	25,813	76	67	59 706	6 315,220	52 908,782	8,378	7,915
27	18	98 628	44 401,197	1 156 611,392	26,049	25,586	77	68	56 932	5 846,454	46 593,562	7,970	7,506
28	19	98 568	43 081,577	1 112 210,195	25,816	25,353	78	69	54 083	5 392,047	40 747,108	7,557	7,094
29	20	98 506	41 800,556	1 069 128,618	25,577	25,114	79	70	51 067	4 943,146	35 355,061	7,152	6,689
30	21	98 441	40 556,403	1 027 328,062	25,331	24,868	80	71	47 932	4 504,483	30 411,915	6,751	6,288
31	22	98 372	39 347,673	986 771,659	25,078	24,615	81	72	44 633	4 072,274	25 907,433	6,362	5,899
32	23	98 299	38 173,304	947 423,986	24,819	24,356	82	73	41 231	3 652,320	21 835,159	5,978	5,515
33	24	98 223	37 032,762	909 250,682	24,553	24,089	83	74	37 727	3 244,624	18 182,839	5,604	5,141
34	25	98 138	35 923,028	872 217,920	24,280	23,817	84	75	34 115	2 848,484	14 938,215	5,244	4,781
35	26	98 050	34 845,441	836 294,892	24,000	23,537	85	76	30 434	2 467,127	12 089,731	4,900	4,437
36	27	97 959	33 798,958	801 449,451	23,712	23,249	86	77	26 727	2 103,521	9 622,604	4,575	4,111
37	28	97 852	32 778,667	767 650,493	23,419	22,956	87	78	23 096	1 764,783	7 519,083	4,261	3,797
38	29	97 731	31 784,636	734 871,826	23,120	22,657	88	79	19 568	1 451,698	5 754,300	3,964	3,501
39	30	97 607	30 819,909	703 087,190	22,813	22,350	89	80	16 183	1 165,560	4 302,601	3,691	3,228
40	31	97 467	29 879,241	672 267,282	22,499	22,036	90	81	13 033	911,372	3 137,042	3,442	2,979
41	32	97 315	28 963,741	642 388,041	22,179	21,716	91	82	10 213	693,359	2 225,670	3,210	2,747
42	33	97 141	28 069,910	613 424,300	21,853	21,390	92	83	7 780	512,780	1 532,311	2,988	2,525
43	34	96 970	27 204,257	585 354,390	21,517	21,054	93	84	5 704	365,033	1 019,531	2,793	2,330
44	35	96 778	26 359,714	558 150,133	21,174	20,711	94	85	4 032	250,523	654,498	2,613	2,149
45	36	96 566	25 535,654	531 790,419	20,825	20,362	95	86	2 727	164,492	403,976	2,456	1,993
46	37	96 338	24 733,504	506 254,765	20,468	20,005	96	87	1 769	103,585	239,483	2,312	1,849
47	38	96 091	23 951,479	481 521,261	20,104	19,641	97	88	1 092	62,102	135,899	2,188	1,725
48	39	95 814	23 186,789	457 569,782	19,734	19,271	98	89	646	35,662	73,796	2,069	1,606
49	40	95 500	22 437,758	434 382,993	19,359	18,896	99	90	365	19,545	38,134	1,951	1,488
							100	91	193	10,023	18,589	1,855	1,391

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	40	95 220	21 720,255	413 703,920	19,047	18,584
							51	41	94 853	21 006,556	391 983,664	18,660	18,197
							52	42	94 445	20 306,849	370 977,108	18,269	17,805
							53	43	93 992	19 620,762	350 670,259	17,872	17,409
							54	44	93 483	18 946,311	331 049,497	17,473	17,010
							55	45	92 927	18 285,039	312 103,186	17,069	16,606
							56	46	92 299	17 632,524	293 818,147	16,663	16,200
							57	47	91 606	16 990,384	276 185,623	16,255	15,792
							58	48	90 840	16 357,620	259 195,239	15,846	15,382
							59	49	90 002	15 734,612	242 837,619	15,433	14,970
10	0	99 558	74 080,216	2 158 432,694	29,136	28,673	60	50	89 070	15 118,074	227 103,007	15,022	14,559
11	1	99 262	71 709,208	2 084 352,478	29,067	28,604	61	51	88 056	14 510,701	211 984,933	14,609	14,146
12	2	99 233	69 600,296	2 012 643,270	28,917	28,454	62	52	86 942	13 909,882	197 474,231	14,197	13,733
13	3	99 212	67 558,242	1 943 042,975	28,761	28,298	63	53	85 731	13 316,594	183 564,350	13,785	13,321
14	4	99 192	65 577,892	1 875 484,733	28,599	28,136	64	54	84 411	12 729,615	170 247,756	13,374	12,911
15	5	99 171	63 654,131	1 809 906,841	28,433	27,970	65	55	82 989	12 150,620	157 518,141	12,964	12,501
16	6	99 149	61 786,324	1 746 252,710	28,263	27,800	66	56	81 460	11 579,463	145 367,521	12,554	12,091
17	7	99 119	59 968,626	1 684 466,386	28,089	27,626	67	57	79 821	11 015,956	133 788,059	12,145	11,682
18	8	99 088	58 203,671	1 624 497,760	27,911	27,447	68	58	78 083	10 462,286	122 772,103	11,735	11,272
19	9	99 042	56 482,534	1 566 294,089	27,731	27,267	69	59	76 230	9 916,519	112 309,817	11,326	10,862
20	10	98 997	54 812,370	1 509 811,555	27,545	27,082	70	60	74 277	9 381,032	102 393,298	10,915	10,452
21	11	98 951	53 190,978	1 454 999,184	27,354	26,891	71	61	72 233	8 857,130	93 012,266	10,501	10,038
22	12	98 903	51 616,869	1 401 808,207	27,158	26,695	72	62	70 038	8 337,872	84 155,136	10,093	9,630
23	13	98 856	50 089,290	1 350 191,338	26,956	26,492	73	63	67 780	7 834,002	75 817,264	9,678	9,215
24	14	98 806	48 606,103	1 300 102,047	26,748	26,284	74	64	65 381	7 336,616	67 983,262	9,266	8,803
25	15	98 752	47 164,423	1 251 495,945	26,535	26,072	75	65	62 873	6 849,683	60 646,646	8,854	8,391
26	16	98 697	45 765,178	1 204 331,522	26,315	25,852	76	66	60 233	6 371,016	53 796,963	8,444	7,981
27	17	98 641	44 406,955	1 158 566,343	26,090	25,627	77	67	57 470	5 901,681	47 425,947	8,036	7,573
28	18	98 584	43 088,571	1 114 159,389	25,857	25,394	78	68	54 640	5 447,635	41 524,266	7,622	7,159
29	19	98 522	41 807,428	1 071 070,818	25,619	25,156	79	69	51 664	5 000,887	36 076,631	7,214	6,751
30	20	98 457	40 563,043	1 029 263,390	25,374	24,911	80	70	48 541	4 561,741	31 075,743	6,812	6,349
31	21	98 389	39 354,355	988 700,347	25,123	24,660	81	71	45 258	4 129,319	26 514,003	6,421	5,958
32	22	98 316	38 179,710	949 345,992	24,865	24,402	82	72	41 856	3 707,743	22 384,684	6,037	5,574
33	23	98 239	37 038,820	911 166,282	24,600	24,137	83	73	38 369	3 299,851	18 676,942	5,660	5,197
34	24	98 154	35 928,930	874 127,462	24,329	23,866	84	74	34 747	2 901,264	15 377,091	5,300	4,837
35	25	98 069	34 852,217	838 198,532	24,050	23,587	85	75	31 059	2 517,785	12 475,827	4,955	4,492
36	26	97 976	33 804,983	803 346,316	23,764	23,301	86	76	27 332	2 151,167	9 958,042	4,629	4,166
37	27	97 872	32 785,543	769 541,332	23,472	23,009	87	77	23 662	1 808,065	7 806,875	4,318	3,855
38	28	97 754	31 792,202	736 755,789	23,174	22,711	88	78	20 116	1 492,300	5 998,810	4,020	3,557
39	29	97 632	30 827,516	704 963,587	22,868	22,405	89	79	16 697	1 202,610	4 506,510	3,747	3,284
40	30	97 495	29 887,692	674 136,071	22,556	22,092	90	80	13 509	944,683	3 303,900	3,497	3,034
41	31	97 347	28 973,071	644 248,379	22,236	21,773	91	81	10 643	722,561	2 359,217	3,265	2,802
42	32	97 174	28 079,342	615 275,308	21,912	21,449	92	82	8 163	538,071	1 636,656	3,042	2,578
43	33	97 004	27 213,788	587 195,966	21,577	21,114	93	83	6 037	386,358	1 098,585	2,843	2,380
44	34	96 815	26 369,782	559 982,178	21,236	20,773	94	84	4 307	267,592	712,227	2,662	2,198
45	35	96 611	25 547,583	533 612,396	20,887	20,424	95	85	2 944	177,579	444,635	2,504	2,041
46	36	96 384	24 745,304	508 064,813	20,532	20,069	96	86	1 934	113,242	267,056	2,358	1,895
47	37	96 139	23 963,579	483 319,509	20,169	19,706	97	87	1 212	68,933	153,814	2,231	1,768
48	38	95 867	23 199,644	459 355,930	19,800	19,337	98	88	729	40,219	84,881	2,110	1,647
49	39	95 562	22 452,367	436 156,286	19,426	18,963	99	89	419	22,435	44,662	1,991	1,527
							100	90	226	11,752	22,227	1,891	1,428

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	39	95 282	21 734,397	415 314,795	19,109	18,645
0							51	40	94 914	21 019,865	393 580,398	18,724	18,261
1							52	41	94 514	20 321,744	372 560,533	18,333	17,870
2							53	42	94 067	19 636,606	352 238,789	17,938	17,475
3							54	43	93 567	18 963,296	332 602,184	17,539	17,076
4							55	44	93 015	18 302,350	313 638,888	17,137	16,673
5							56	45	92 399	17 651,511	295 336,537	16,732	16,268
6							57	46	91 715	17 010,528	277 685,026	16,324	15,861
7							58	47	90 959	16 378,902	260 674,498	15,915	15,452
8							59	48	90 139	15 758,520	244 295,596	15,502	15,039
9							60	49	89 220	15 143,577	228 537,076	15,091	14,628
10							61	50	88 219	14 537,507	213 393,500	14,679	14,216
11	0	99 550	71 917,184	2 086 431,819	29,012	28,548	62	51	87 123	13 938,826	198 855,993	14,266	13,803
12	1	99 255	69 615,779	2 014 514,636	28,938	28,474	63	52	85 920	13 346,014	184 917,167	13,856	13,392
13	2	99 225	67 567,120	1 944 898,857	28,785	28,321	64	53	84 620	12 761,244	171 571,153	13,445	12,981
14	3	99 202	65 584,431	1 877 331,736	28,625	28,161	65	54	83 218	12 184,178	158 809,909	13,034	12,571
15	4	99 180	63 659,991	1 811 747,305	28,460	27,997	66	55	81 714	11 615,615	146 625,730	12,623	12,160
16	5	99 156	61 790,522	1 748 087,314	28,291	27,827	67	56	80 092	11 053,334	135 010,115	12,214	11,751
17	6	99 126	59 973,005	1 686 296,792	28,118	27,654	68	57	78 378	10 501,733	123 956,781	11,803	11,340
18	7	99 093	58 206,443	1 626 323,787	27,941	27,477	69	58	76 550	9 958,080	113 455,048	11,393	10,930
19	8	99 050	56 486,605	1 568 117,345	27,761	27,298	70	59	74 623	9 424,711	103 496,968	10,981	10,518
20	9	99 003	54 815,284	1 511 630,739	27,577	27,114	71	60	72 605	8 902,773	94 072,258	10,567	10,103
21	10	98 956	53 193,935	1 456 815,455	27,387	26,924	72	61	70 432	8 384,711	85 169,485	10,158	9,694
22	11	98 911	51 620,839	1 403 621,521	27,191	26,728	73	62	68 197	7 882,256	76 784,774	9,741	9,278
23	12	98 862	50 092,456	1 352 000,682	26,990	26,527	74	63	65 826	7 386,551	68 902,518	9,328	8,865
24	13	98 814	48 609,945	1 301 908,226	26,783	26,320	75	64	63 342	6 900,810	61 515,967	8,914	8,451
25	14	98 761	47 168,775	1 253 298,281	26,571	26,107	76	65	60 720	6 422,484	54 615,158	8,504	8,041
26	15	98 708	45 770,477	1 206 129,506	26,352	25,888	77	66	57 978	5 953,823	48 192,674	8,094	7,631
27	16	98 653	44 412,632	1 160 359,029	26,127	25,664	78	67	55 156	5 499,095	42 238,850	7,681	7,218
28	17	98 596	43 094,158	1 115 946,397	25,896	25,432	79	68	52 197	5 052,442	36 739,755	7,272	6,808
29	18	98 538	41 814,215	1 072 852,238	25,658	25,194	80	69	49 108	4 615,027	31 687,313	6,866	6,403
30	19	98 473	40 569,711	1 031 038,023	25,414	24,951	81	70	45 833	4 181,808	27 072,286	6,474	6,011
31	20	98 405	39 360,798	990 468,312	25,164	24,701	82	71	42 443	3 759,681	22 890,478	6,088	5,625
32	21	98 333	38 186,194	951 107,515	24,907	24,444	83	72	38 952	3 349,925	19 130,798	5,711	5,248
33	22	98 256	37 045,035	912 921,321	24,644	24,180	84	73	35 338	2 950,646	15 780,873	5,348	4,885
34	23	98 170	35 934,808	875 876,286	24,374	23,911	85	74	31 634	2 564,437	12 830,227	5,003	4,540
35	24	98 085	34 857,943	839 941,478	24,096	23,633	86	75	27 893	2 195,337	10 265,790	4,676	4,213
36	25	97 995	33 811,557	805 083,535	23,811	23,348	87	76	24 198	1 849,019	8 070,452	4,365	3,901
37	26	97 890	32 791,388	771 271,979	23,521	23,057	88	77	20 609	1 528,900	6 221,433	4,069	3,606
38	27	97 775	31 798,872	738 480,590	23,223	22,760	89	78	17 164	1 236,245	4 692,534	3,796	3,333
39	28	97 655	30 834,854	706 681,719	22,918	22,455	90	79	13 939	974,712	3 456,289	3,546	3,083
40	29	97 519	29 895,069	675 846,864	22,607	22,144	91	80	11 032	748,971	2 481,577	3,313	2,850
41	30	97 374	28 981,266	645 951,795	22,289	21,825	92	81	8 507	560,733	1 732,606	3,090	2,627
42	31	97 205	28 088,386	616 970,529	21,965	21,502	93	82	6 335	405,414	1 171,872	2,891	2,427
43	32	97 037	27 222,933	588 882,142	21,632	21,169	94	83	4 559	283,224	766,459	2,706	2,243
44	33	96 849	26 379,020	561 659,210	21,292	20,829	95	84	3 145	189,678	483,234	2,548	2,084
45	34	96 648	25 557,341	535 280,189	20,944	20,481	96	85	2 087	122,251	293,556	2,401	1,938
46	35	96 429	24 756,864	509 722,849	20,589	20,126	97	86	1 325	75,360	171,305	2,273	1,810
47	36	96 185	23 975,011	484 965,985	20,228	19,765	98	87	809	44,643	95,945	2,149	1,686
48	37	95 915	23 211,364	460 990,973	19,861	19,397	99	88	472	25,302	51,302	2,028	1,564
49	38	95 615	22 464,815	437 779,609	19,487	19,024	100	89	259	13,489	26,001	1,928	1,464

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	21 746,447	416 788,973	19,166	18,703
1							51	39	94 975	21 033,550	395 042,527	18,782	18,318
2							52	40	94 574	20 334,618	374 008,977	18,393	17,929
3							53	41	94 136	19 651,009	353 674,358	17,998	17,535
4							54	42	93 643	18 978,609	334 023,349	17,600	17,137
5							55	43	93 099	18 318,758	315 044,741	17,198	16,735
6							56	44	92 486	17 668,223	296 725,982	16,794	16,331
7							57	45	91 814	17 028,845	279 057,759	16,387	15,924
8							58	46	91 066	16 398,321	262 028,914	15,979	15,516
9							59	47	90 256	15 779,022	245 630,593	15,567	15,104
10							60	48	89 356	15 166,586	229 851,571	15,155	14,692
11							61	49	88 368	14 562,030	214 684,985	14,743	14,280
12	0	99 543	69 817,683	2 016 431,300	28,881	28,418	62	50	87 284	13 964,575	200 122,955	14,331	13,868
13	1	99 247	67 582,152	1 946 613,617	28,804	28,340	63	51	86 099	13 373,785	186 158,379	13,920	13,456
14	2	99 215	65 593,050	1 879 031,465	28,647	28,184	64	52	84 807	12 789,438	172 784,595	13,510	13,047
15	3	99 190	63 666,339	1 813 438,415	28,483	28,020	65	53	83 425	12 214,453	159 995,157	13,099	12,636
16	4	99 165	61 796,211	1 749 772,077	28,315	27,852	66	54	81 940	11 647,696	147 780,704	12,688	12,224
17	5	99 133	59 977,080	1 687 975,866	28,144	27,680	67	55	80 342	11 087,843	136 133,008	12,278	11,814
18	6	99 100	58 210,693	1 627 998,786	27,967	27,504	68	56	78 644	10 537,366	125 045,165	11,867	11,404
19	7	99 054	56 489,296	1 569 788,093	27,789	27,326	69	57	76 838	9 995,627	114 507,799	11,456	10,993
20	8	99 010	54 819,235	1 513 298,797	27,605	27,142	70	58	74 936	9 464,210	104 512,172	11,043	10,580
21	9	98 962	53 196,762	1 458 479,563	27,417	26,953	71	59	72 943	8 944,224	95 047,962	10,627	10,164
22	10	98 916	51 623,709	1 405 282,801	27,222	26,758	72	60	70 795	8 427,919	86 103,738	10,216	9,753
23	11	98 869	50 096,309	1 353 659,092	27,021	26,558	73	61	68 581	7 926,536	77 675,819	9,799	9,336
24	12	98 820	48 613,017	1 303 562,783	26,815	26,352	74	62	66 231	7 432,049	69 749,283	9,385	8,922
25	13	98 769	47 172,503	1 254 949,766	26,603	26,140	75	63	63 773	6 947,778	62 317,234	8,969	8,506
26	14	98 717	45 774,700	1 207 777,263	26,385	25,922	76	64	61 173	6 470,422	55 369,456	8,557	8,094
27	15	98 665	44 417,775	1 162 002,563	26,161	25,698	77	65	58 446	6 001,921	48 899,034	8,147	7,684
28	16	98 609	43 099,668	1 117 584,788	25,930	25,467	78	66	55 644	5 547,680	42 897,114	7,732	7,269
29	17	98 551	41 819,637	1 074 485,120	25,693	25,230	79	67	52 690	5 100,169	37 349,433	7,323	6,860
30	18	98 489	40 576,298	1 032 665,483	25,450	24,987	80	68	49 614	4 662,604	32 249,264	6,917	6,453
31	19	98 421	39 367,268	992 089,186	25,201	24,738	81	69	46 368	4 230,656	27 586,660	6,521	6,057
32	20	98 349	38 192,445	952 721,917	24,945	24,482	82	70	42 982	3 807,471	23 356,004	6,134	5,671
33	21	98 273	37 051,326	914 529,472	24,683	24,220	83	71	39 497	3 396,851	19 548,533	5,755	5,292
34	22	98 187	35 940,838	877 478,146	24,415	23,951	84	72	35 874	2 995,421	16 151,682	5,392	4,929
35	23	98 102	34 863,645	841 537,308	24,138	23,675	85	73	32 173	2 608,086	13 156,261	5,044	4,581
36	24	98 011	33 817,112	806 673,663	23,854	23,391	86	74	28 410	2 236,015	10 548,174	4,717	4,254
37	25	97 909	32 797,764	772 856,551	23,564	23,101	87	75	24 695	1 886,985	8 312,159	4,405	3,942
38	26	97 792	31 804,541	740 058,787	23,269	22,806	88	76	21 076	1 563,530	6 425,174	4,109	3,646
39	27	97 675	30 841,323	708 254,246	22,964	22,501	89	77	17 585	1 266,565	4 861,644	3,838	3,375
40	28	97 542	29 902,186	677 412,923	22,654	22,191	90	78	14 329	1 001,973	3 595,079	3,588	3,125
41	29	97 398	28 988,420	647 510,737	22,337	21,874	91	79	11 383	772,779	2 593,106	3,356	2,892
42	30	97 233	28 096,331	618 522,317	22,014	21,551	92	80	8 818	581,228	1 820,327	3,132	2,669
43	31	97 068	27 231,701	590 425,986	21,682	21,218	93	81	6 602	422,489	1 239,099	2,933	2,470
44	32	96 882	26 387,884	563 194,285	21,343	20,880	94	82	4 783	297,193	816,610	2,748	2,285
45	33	96 681	25 566,295	536 806,400	20,997	20,533	95	83	3 328	200,759	519,417	2,587	2,124
46	34	96 466	24 766,320	511 240,106	20,643	20,179	96	84	2 230	130,580	318,658	2,440	1,977
47	35	96 230	23 986,211	486 473,786	20,281	19,818	97	85	1 431	81,355	188,078	2,312	1,849
48	36	95 961	23 222,438	462 487,575	19,916	19,452	98	86	884	48,805	106,722	2,187	1,723
49	37	95 663	22 476,164	439 265,137	19,544	19,080	99	87	524	28,085	57,917	2,062	1,599
							100	88	292	15,213	29,832	1,961	1,498

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	37	95 383	21 757,433	418 137,639	19,218	18,755
							51	38	95 028	21 045,211	396 380,207	18,835	18,371
							52	39	94 636	20 347,858	375 334,995	18,446	17,983
							53	40	94 196	19 663,458	354 987,138	18,053	17,590
							54	41	93 712	18 992,529	335 323,679	17,656	17,192
							55	42	93 174	18 333,551	316 331,150	17,254	16,791
							56	43	92 569	17 684,062	297 997,599	16,851	16,388
							57	44	91 901	17 044,967	280 313,537	16,446	15,982
							58	45	91 165	16 415,979	263 268,570	16,037	15,574
							59	46	90 363	15 797,730	246 852,591	15,626	15,163
							60	47	89 472	15 186,319	231 054,861	15,215	14,751
							61	48	88 502	14 584,156	215 868,542	14,802	14,338
							62	49	87 431	13 988,132	201 284,386	14,390	13,926
13	0	99 535	67 778,157	1 948 380,625	28,746	28,283	63	50	86 258	13 398,490	187 296,254	13,979	13,516
14	1	99 237	65 607,642	1 880 602,468	28,664	28,201	64	51	84 984	12 816,050	173 897,764	13,569	13,106
15	2	99 203	63 674,706	1 814 994,826	28,504	28,041	65	52	83 609	12 241,438	161 081,714	13,159	12,696
16	3	99 175	61 802,372	1 751 320,120	28,337	27,874	66	53	82 144	11 676,637	148 840,275	12,747	12,284
17	4	99 142	59 982,602	1 689 517,748	28,167	27,704	67	54	80 564	11 118,467	137 163,638	12,337	11,873
18	5	99 107	58 214,648	1 629 535,146	27,992	27,529	68	55	78 889	10 570,265	126 045,172	11,925	11,461
19	6	99 062	56 493,421	1 571 320,498	27,814	27,351	69	56	77 099	10 029,542	115 474,907	11,513	11,050
20	7	99 014	54 821,846	1 514 827,077	27,632	27,169	70	57	75 218	9 499,895	105 445,365	11,100	10,636
21	8	98 969	53 200,596	1 460 005,232	27,443	26,980	71	58	73 249	8 981,710	95 945,470	10,682	10,219
22	9	98 922	51 626,453	1 406 804,635	27,250	26,786	72	59	71 124	8 467,160	86 963,760	10,271	9,807
23	10	98 875	50 099,094	1 355 178,182	27,050	26,587	73	60	68 934	7 967,383	78 496,600	9,852	9,389
24	11	98 828	48 616,756	1 305 079,089	26,844	26,381	74	61	66 603	7 473,799	70 529,217	9,437	8,974
25	12	98 775	47 175,485	1 256 462,333	26,634	26,171	75	62	64 166	6 990,574	63 055,418	9,020	8,557
26	13	98 725	45 778,318	1 209 286,848	26,416	25,953	76	63	61 590	6 514,461	56 064,844	8,606	8,143
27	14	98 674	44 421,873	1 163 508,530	26,192	25,729	77	64	58 882	6 046,720	49 550,384	8,195	7,731
28	15	98 620	43 104,658	1 119 086,657	25,962	25,499	78	65	56 093	5 592,497	43 503,664	7,779	7,316
29	16	98 563	41 824,984	1 075 981,999	25,726	25,263	79	66	53 155	5 145,230	37 911,167	7,368	6,905
30	17	98 502	40 581,559	1 034 157,015	25,483	25,020	80	67	50 083	4 706,649	32 765,937	6,962	6,498
31	18	98 437	39 373,659	993 575,456	25,235	24,771	81	68	46 847	4 274,271	28 059,288	6,565	6,101
32	19	98 365	38 198,724	954 201,797	24,980	24,517	82	69	43 484	3 851,947	23 785,018	6,175	5,712
33	20	98 289	37 057,392	916 003,073	24,718	24,255	83	70	39 999	3 440,029	19 933,071	5,794	5,331
34	21	98 204	35 946,941	878 945,681	24,451	23,988	84	71	36 377	3 037,381	16 493,042	5,430	4,967
35	22	98 118	34 869,495	842 998,739	24,176	23,713	85	72	32 661	2 647,663	13 455,661	5,082	4,619
36	23	98 027	33 822,644	808 129,244	23,893	23,430	86	73	28 894	2 274,074	10 807,997	4,753	4,289
37	24	97 925	32 803,153	774 306,600	23,605	23,141	87	74	25 152	1 921,949	8 533,923	4,440	3,977
38	25	97 811	31 810,725	741 503,447	23,310	22,847	88	75	21 508	1 595,634	6 611,974	4,144	3,681
39	26	97 693	30 846,821	709 692,722	23,007	22,544	89	76	17 983	1 295,253	5 016,340	3,873	3,410
40	27	97 563	29 908,459	678 845,901	22,697	22,234	90	77	14 680	1 026,547	3 721,087	3,625	3,162
41	28	97 421	28 995,320	648 937,442	22,381	21,918	91	78	11 701	794,393	2 694,540	3,392	2,929
42	29	97 257	28 103,266	619 942,122	22,059	21,596	92	79	9 098	599,704	1 900,147	3,168	2,705
43	30	97 095	27 239,404	591 838,855	21,727	21,264	93	80	6 843	437,931	1 300,443	2,970	2,506
44	31	96 913	26 396,384	564 599,451	21,389	20,926	94	81	4 985	309,710	862,512	2,785	2,322
45	32	96 714	25 574,885	538 203,067	21,044	20,581	95	82	3 492	210,661	552,802	2,624	2,161
46	33	96 500	24 774,997	512 628,182	20,691	20,228	96	83	2 360	138,209	342,141	2,476	2,012
47	34	96 267	23 995,373	487 853,185	20,331	19,868	97	84	1 528	86,898	203,932	2,347	1,884
48	35	96 006	23 233,286	463 857,812	19,965	19,502	98	85	954	52,688	117,034	2,221	1,758
49	36	95 709	22 486,887	440 624,526	19,595	19,132	99	86	573	30,703	64,346	2,096	1,633
							100	87	325	16,886	33,643	1,992	1,529

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	21 767,813	419 371,475	19,266	18,802
1							51	37	95 076	21 055,843	397 603,662	18,883	18,420
2							52	38	94 688	20 359,139	376 547,819	18,495	18,032
3							53	39	94 257	19 676,261	356 188,680	18,102	17,639
4							54	40	93 771	19 004,562	336 512,420	17,707	17,244
5							55	41	93 242	18 346,998	317 507,858	17,306	16,842
6							56	42	92 644	17 698,342	299 160,860	16,903	16,440
7							57	43	91 983	17 060,248	281 462,518	16,498	16,035
8							58	44	91 251	16 431,521	264 402,270	16,091	15,628
9							59	45	90 460	15 814,741	247 970,749	15,680	15,216
10							60	46	89 578	15 204,324	232 156,008	15,269	14,806
11							61	47	88 617	14 603,131	216 951,685	14,857	14,393
12							62	48	87 564	14 009,386	202 348,554	14,444	13,981
13							63	49	86 404	13 421,092	188 339,168	14,033	13,570
14	0	99 525	65 797,921	1 882 231,829	28,606	28,143	64	50	85 141	12 839,725	174 918,076	13,623	13,160
15	1	99 225	63 688,871	1 816 433,907	28,520	28,057	65	51	83 783	12 266,911	162 078,350	13,213	12,749
16	2	99 188	61 810,494	1 752 745,037	28,357	27,894	66	52	82 325	11 702,434	149 811,440	12,802	12,339
17	3	99 152	59 988,582	1 690 934,542	28,188	27,724	67	53	80 764	11 146,093	138 109,005	12,391	11,928
18	4	99 116	58 220,008	1 630 945,960	28,013	27,550	68	54	79 107	10 599,459	126 962,912	11,978	11,515
19	5	99 068	56 497,259	1 572 725,952	27,837	27,374	69	55	77 340	10 060,856	116 363,454	11,566	11,103
20	6	99 022	54 825,849	1 516 228,693	27,655	27,192	70	56	75 474	9 532,128	106 302,598	11,152	10,689
21	7	98 973	53 203,130	1 461 402,844	27,468	27,005	71	57	73 525	9 015,575	96 770,470	10,734	10,270
22	8	98 929	51 630,174	1 408 199,714	27,275	26,812	72	58	71 422	8 502,646	87 754,895	10,321	9,858
23	9	98 880	50 101,757	1 356 569,540	27,076	26,613	73	59	69 255	8 004,479	79 252,248	9,901	9,438
24	10	98 833	48 619,459	1 306 467,783	26,871	26,408	74	60	66 947	7 512,313	71 247,769	9,484	9,021
25	11	98 783	47 179,113	1 257 848,325	26,661	26,198	75	61	64 526	7 029,844	63 735,456	9,066	8,603
26	12	98 731	45 781,212	1 210 669,212	26,445	25,981	76	62	61 969	6 554,587	56 705,612	8,651	8,188
27	13	98 682	44 425,384	1 164 888,000	26,221	25,758	77	63	59 283	6 087,875	50 151,025	8,238	7,775
28	14	98 629	43 108,635	1 120 462,616	25,992	25,528	78	64	56 512	5 634,240	44 063,150	7,821	7,357
29	15	98 575	41 829,827	1 077 353,981	25,756	25,292	79	65	53 585	5 186,795	38 428,910	7,409	6,946
30	16	98 515	40 586,748	1 035 524,154	25,514	25,051	80	66	50 525	4 748,233	33 242,114	7,001	6,538
31	17	98 450	39 378,765	994 937,407	25,266	24,803	81	67	47 289	4 314,647	28 493,882	6,604	6,141
32	18	98 381	38 204,925	955 558,642	25,011	24,548	82	68	43 933	3 891,657	24 179,235	6,213	5,750
33	19	98 305	37 063,484	917 353,716	24,751	24,288	83	69	40 466	3 480,213	20 287,578	5,829	5,366
34	20	98 220	35 952,826	880 290,232	24,485	24,021	84	70	36 839	3 075,990	16 807,365	5,464	5,001
35	21	98 135	34 875,417	844 337,406	24,210	23,747	85	71	33 118	2 684,752	13 731,375	5,115	4,651
36	22	98 044	33 828,320	809 461,989	23,929	23,465	86	72	29 332	2 308,583	11 046,623	4,785	4,322
37	23	97 941	32 808,519	775 633,670	23,641	23,178	87	73	25 581	1 954,662	8 738,041	4,470	4,007
38	24	97 827	31 815,952	742 825,151	23,348	22,884	88	74	21 907	1 625,200	6 783,378	4,174	3,711
39	25	97 712	30 852,820	711 009,199	23,045	22,582	89	75	18 352	1 321,849	5 158,178	3,902	3,439
40	26	97 580	29 913,791	680 156,379	22,737	22,274	90	76	15 013	1 049,799	3 836,330	3,654	3,191
41	27	97 442	29 001,403	650 242,589	22,421	21,958	91	77	11 988	813,876	2 786,531	3,424	2,961
42	28	97 280	28 109,956	621 241,185	22,100	21,637	92	78	9 353	616,477	1 972,655	3,200	2,737
43	29	97 119	27 246,128	593 131,229	21,769	21,306	93	79	7 061	451,852	1 356,178	3,001	2,538
44	30	96 940	26 403,851	565 885,102	21,432	20,969	94	80	5 167	321,030	904,327	2,817	2,354
45	31	96 745	25 583,123	539 481,251	21,087	20,624	95	81	3 639	219,533	583,296	2,657	2,194
46	32	96 532	24 783,322	513 898,128	20,736	20,272	96	82	2 476	145,025	363,763	2,508	2,045
47	33	96 301	24 003,779	489 114,806	20,377	19,913	97	83	1 618	91,975	218,738	2,378	1,915
48	34	96 042	23 242,160	465 111,027	20,012	19,548	98	84	1 019	56,278	126,763	2,252	1,789
49	35	95 754	22 497,391	441 868,867	19,641	19,178	99	85	618	33,146	70,485	2,127	1,663
							100	86	355	18,461	37,339	2,023	1,559

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	21 777,982	420 500,631	19,309	18,845
1							51	36	95 121	21 065,888	398 722,649	18,927	18,464
2							52	37	94 736	20 369,424	377 656,761	18,540	18,077
3							53	38	94 310	19 687,169	357 287,337	18,148	17,685
4							54	39	93 832	19 016,935	337 600,167	17,753	17,289
5							55	40	93 301	18 358,622	318 583,232	17,353	16,890
6							56	41	92 712	17 711,324	300 224,611	16,951	16,488
7							57	42	92 057	17 074,024	282 513,287	16,546	16,083
8							58	43	91 333	16 446,252	265 439,263	16,140	15,677
9							59	44	90 546	15 829,714	248 993,012	15,729	15,266
10							60	45	89 674	15 220,696	233 163,298	15,319	14,856
11							61	46	88 722	14 620,444	217 942,602	14,907	14,443
12							62	47	87 678	14 027,613	203 322,158	14,494	14,031
13							63	48	86 535	13 441,484	189 294,545	14,083	13,620
14							64	49	85 285	12 861,385	175 853,061	13,673	13,210
15	0	99 513	63 873,585	1 817 936,658	28,461	27,998	65	50	83 938	12 289,571	162 991,676	13,263	12,799
16	1	99 210	61 824,245	1 754 063,073	28,372	27,909	66	51	82 497	11 726,785	150 702,104	12,851	12,388
17	2	99 165	59 996,466	1 692 238,828	28,206	27,742	67	52	80 942	11 170,718	138 975,319	12,441	11,978
18	3	99 126	58 225,813	1 632 242,362	28,033	27,570	68	53	79 304	10 625,795	127 804,601	12,028	11,565
19	4	99 077	56 502,461	1 574 016,549	27,857	27,394	69	54	77 553	10 088,642	117 178,806	11,615	11,152
20	5	99 028	54 829,574	1 517 514,089	27,677	27,214	70	55	75 709	9 561,888	107 090,163	11,200	10,736
21	6	98 981	53 207,015	1 462 684,515	27,490	27,027	71	56	73 775	9 046,166	97 528,275	10,781	10,318
22	7	98 933	51 632,633	1 409 477,500	27,298	26,835	72	57	71 692	8 534,705	88 482,109	10,367	9,904
23	8	98 887	50 105,368	1 357 844,867	27,100	26,637	73	58	69 545	8 038,027	79 947,404	9,946	9,483
24	9	98 839	48 622,043	1 307 739,499	26,896	26,433	74	59	67 258	7 547,291	71 909,378	9,528	9,065
25	10	98 788	47 181,736	1 259 117,456	26,687	26,223	75	60	64 859	7 066,070	64 362,087	9,109	8,645
26	11	98 739	45 784,733	1 211 935,720	26,470	26,007	76	61	62 317	6 591,408	57 296,017	8,693	8,229
27	12	98 688	44 428,192	1 166 150,988	26,248	25,785	77	62	59 648	6 125,374	50 704,608	8,278	7,815
28	13	98 637	43 112,043	1 121 722,796	26,019	25,556	78	63	56 896	5 672,588	44 579,235	7,859	7,395
29	14	98 584	41 833,686	1 078 610,753	25,783	25,320	79	64	53 985	5 225,510	38 906,647	7,446	6,982
30	15	98 526	40 591,447	1 036 777,067	25,542	25,079	80	65	50 934	4 786,591	33 681,137	7,037	6,573
31	16	98 463	39 383,800	996 185,620	25,294	24,831	81	66	47 707	4 352,767	28 894,546	6,638	6,175
32	17	98 394	38 209,879	956 801,820	25,041	24,577	82	67	44 348	3 928,419	24 541,779	6,247	5,784
33	18	98 321	37 069,501	918 591,941	24,780	24,317	83	68	40 884	3 516,091	20 613,360	5,863	5,399
34	19	98 236	35 958,737	881 522,440	24,515	24,052	84	69	37 270	3 111,921	17 097,269	5,494	5,031
35	20	98 151	34 881,126	845 563,703	24,241	23,778	85	70	33 539	2 718,879	13 985,347	5,144	4,681
36	21	98 061	33 834,064	810 682,577	23,961	23,497	86	71	29 743	2 340,921	11 266,469	4,813	4,350
37	22	97 957	32 814,025	776 848,512	23,674	23,211	87	72	25 969	1 984,324	8 925,547	4,498	4,035
38	23	97 843	31 821,156	744 034,488	23,382	22,919	88	73	22 280	1 652,862	6 941,224	4,200	3,736
39	24	97 728	30 857,889	712 213,332	23,080	22,617	89	74	18 693	1 346,342	5 288,361	3,928	3,465
40	25	97 599	29 919,608	681 355,443	22,773	22,310	90	75	15 321	1 071,354	3 942,020	3,679	3,216
41	26	97 459	29 006,573	651 435,836	22,458	21,995	91	76	12 259	832,310	2 870,665	3,449	2,986
42	27	97 300	28 115,853	622 429,262	22,138	21,675	92	77	9 582	631,596	2 038,355	3,227	2,764
43	28	97 142	27 252,614	594 313,409	21,808	21,344	93	78	7 258	464,489	1 406,759	3,029	2,565
44	29	96 964	26 410,368	567 060,795	21,471	21,008	94	79	5 331	331,235	942,270	2,845	2,381
45	30	96 772	25 590,360	540 650,428	21,127	20,664	95	80	3 772	227,557	611,034	2,685	2,222
46	31	96 563	24 791,305	515 060,068	20,776	20,313	96	81	2 581	151,133	383,477	2,537	2,074
47	32	96 333	24 011,845	490 268,763	20,418	19,955	97	82	1 697	96,511	232,344	2,407	1,944
48	33	96 076	23 250,303	466 256,918	20,054	19,591	98	83	1 079	59,565	135,833	2,280	1,817
49	34	95 790	22 505,984	443 006,615	19,684	19,221	99	84	661	35,404	76,267	2,154	1,691
							100	85	383	19,929	40,863	2,050	1,587

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	21 786,300	421 532,744	19,349	18,885
1							51	35	95 166	21 075,730	399 746,444	18,967	18,504
2							52	36	94 781	20 379,142	378 670,715	18,581	18,118
3							53	37	94 357	19 697,115	358 291,573	18,190	17,727
4							54	38	93 884	19 027,478	338 594,458	17,795	17,332
5							55	39	93 362	18 370,574	319 566,980	17,396	16,932
6							56	40	92 771	17 722,544	301 196,406	16,995	16,532
7							57	41	92 125	17 086,547	283 473,861	16,590	16,127
8							58	42	91 406	16 459,532	266 387,314	16,184	15,721
9							59	43	90 627	15 843,905	249 927,782	15,774	15,311
10							60	44	89 759	15 235,106	234 083,877	15,365	14,902
11							61	45	88 818	14 636,188	218 848,771	14,953	14,489
12							62	46	87 782	14 044,244	204 212,583	14,541	14,077
13							63	47	86 648	13 458,973	190 168,339	14,129	13,666
14							64	48	85 414	12 880,927	176 709,366	13,719	13,255
15							65	49	84 079	12 310,303	163 828,440	13,308	12,845
16	0	99 497	62 003,551	1 755 449,354	28,312	27,849	66	50	82 649	11 748,448	151 518,137	12,897	12,434
17	1	99 187	60 009,813	1 693 445,802	28,219	27,756	67	51	81 111	11 193,962	139 769,689	12,486	12,023
18	2	99 139	58 233,465	1 633 435,989	28,050	27,587	68	52	79 479	10 649,271	128 575,727	12,074	11,610
19	3	99 087	56 508,094	1 575 202,524	27,876	27,412	69	53	77 746	10 113,710	117 926,456	11,660	11,197
20	4	99 037	54 834,622	1 518 694,430	27,696	27,233	70	54	75 918	9 588,297	107 812,746	11,244	10,781
21	5	98 987	53 210,630	1 463 859,808	27,511	27,047	71	55	74 005	9 074,409	98 224,449	10,824	10,361
22	6	98 941	51 636,403	1 410 649,178	27,319	26,856	72	56	71 935	8 563,664	89 150,040	10,410	9,947
23	7	98 892	50 107,754	1 359 012,774	27,122	26,659	73	57	69 807	8 068,334	80 586,376	9,988	9,525
24	8	98 846	48 625,547	1 308 905,020	26,918	26,455	74	58	67 540	7 578,922	72 518,042	9,568	9,105
25	9	98 793	47 184,244	1 260 279,473	26,710	26,247	75	59	65 161	7 098,970	64 939,120	9,148	8,684
26	10	98 744	45 787,278	1 213 095,229	26,494	26,031	76	60	62 638	6 625,375	57 840,150	8,730	8,267
27	11	98 695	44 431,609	1 167 307,951	26,272	25,809	77	61	59 983	6 159,784	51 214,775	8,314	7,851
28	12	98 643	43 114,767	1 122 876,342	26,044	25,581	78	62	57 247	5 707,529	45 054,991	7,894	7,431
29	13	98 592	41 836,993	1 079 761,575	25,809	25,346	79	63	54 352	5 261,076	39 347,463	7,479	7,016
30	14	98 535	40 595,192	1 037 924,582	25,568	25,104	80	64	51 314	4 822,318	34 086,387	7,068	6,605
31	15	98 474	39 388,360	997 329,390	25,320	24,857	81	65	48 092	4 387,931	29 264,068	6,669	6,206
32	16	98 406	38 214,765	957 941,031	25,067	24,604	82	66	44 739	3 963,127	24 876,138	6,277	5,814
33	17	98 333	37 074,308	919 726,266	24,808	24,344	83	67	41 270	3 549,305	20 913,010	5,892	5,429
34	18	98 252	35 964,574	882 651,958	24,542	24,079	84	68	37 654	3 144,003	17 363,706	5,523	5,060
35	19	98 167	34 886,861	846 687,383	24,270	23,806	85	69	33 931	2 750,638	14 219,703	5,170	4,706
36	20	98 077	33 839,603	811 800,523	23,990	23,526	86	70	30 121	2 370,678	11 469,065	4,838	4,375
37	21	97 974	32 819,597	777 960,919	23,704	23,241	87	71	26 333	2 012,120	9 098,387	4,522	4,059
38	22	97 860	31 826,496	745 141,322	23,413	22,949	88	72	22 618	1 677,944	7 086,267	4,223	3,760
39	23	97 744	30 862,936	713 314,826	23,112	22,649	89	73	19 011	1 369,257	5 408,323	3,950	3,487
40	24	97 615	29 924,523	682 451,890	22,806	22,343	90	74	15 605	1 091,206	4 039,065	3,701	3,238
41	25	97 478	29 012,214	652 527,367	22,491	22,028	91	75	12 511	849,400	2 947,859	3,471	3,007
42	26	97 318	28 120,866	623 515,153	22,173	21,709	92	76	9 799	645,902	2 098,459	3,249	2,786
43	27	97 163	27 258,331	595 394,287	21,843	21,379	93	77	7 436	475,881	1 452,557	3,052	2,589
44	28	96 987	26 416,655	568 135,956	21,507	21,044	94	78	5 480	340,499	976,676	2,868	2,405
45	29	96 796	25 596,676	541 719,302	21,164	20,700	95	79	3 892	234,791	636,177	2,710	2,246
46	30	96 591	24 798,317	516 122,625	20,813	20,350	96	80	2 675	156,657	401,386	2,562	2,099
47	31	96 364	24 019,580	491 324,308	20,455	19,992	97	81	1 769	100,576	244,728	2,433	1,970
48	32	96 108	23 258,116	467 304,729	20,092	19,629	98	82	1 132	62,503	144,153	2,306	1,843
49	33	95 824	22 513,869	444 046,613	19,723	19,260	99	83	699	37,473	81,649	2,179	1,716
							100	84	409	21,287	44,177	2,075	1,612

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	21 793,933	422 475,862	19,385	18,922
1							51	34	95 202	21 083,779	400 681,929	19,004	18,541
2							52	35	94 825	20 388,662	379 598,150	18,618	18,155
3							53	36	94 402	19 706,512	359 209,488	18,228	17,765
4							54	37	93 931	19 037,091	339 502,976	17,834	17,371
5							55	38	93 414	18 380,759	320 465,885	17,435	16,972
6							56	39	92 831	17 734,083	302 085,126	17,034	16,571
7							57	40	92 183	17 097,372	284 351,043	16,631	16,168
8							58	41	91 473	16 471,605	267 253,671	16,225	15,762
9							59	42	90 700	15 856,699	250 782,066	15,816	15,352
10							60	43	89 840	15 248,764	234 925,367	15,406	14,943
11							61	44	88 902	14 650,045	219 676,603	14,995	14,532
12							62	45	87 877	14 059,367	205 026,558	14,583	14,120
13							63	46	86 750	13 474,929	190 967,191	14,172	13,709
14							64	47	85 525	12 897,685	177 492,262	13,762	13,298
15							65	48	84 207	12 329,007	164 594,576	13,350	12,887
16							66	49	82 788	11 768,266	152 265,569	12,939	12,475
17	0	99 475	60 183,857	1 694 724,911	28,159	27,696	67	50	81 260	11 214,641	140 497,303	12,528	12,065
18	1	99 161	58 246,420	1 634 541,054	28,063	27,599	68	51	79 644	10 671,430	129 282,661	12,115	11,652
19	2	99 100	56 515,521	1 576 294,634	27,891	27,428	69	52	77 918	10 136,054	118 611,231	11,702	11,239
20	3	99 047	54 840,089	1 519 779,114	27,713	27,250	70	53	76 107	9 612,122	108 475,177	11,285	10,822
21	4	98 997	53 215,529	1 464 939,024	27,528	27,065	71	54	74 209	9 099,471	98 863,055	10,865	10,401
22	5	98 947	51 639,912	1 411 723,495	27,338	26,875	72	55	72 160	8 590,401	89 763,584	10,449	9,986
23	6	98 899	50 111,413	1 360 083,583	27,141	26,678	73	56	70 044	8 095,710	81 173,184	10,027	9,563
24	7	98 850	48 627,863	1 309 972,170	26,939	26,475	74	57	67 795	7 607,498	73 077,474	9,606	9,143
25	8	98 800	47 187,644	1 261 344,307	26,730	26,267	75	58	65 434	7 128,722	65 469,976	9,184	8,721
26	9	98 750	45 789,712	1 214 156,662	26,516	26,053	76	59	62 930	6 656,223	58 341,254	8,765	8,302
27	10	98 701	44 434,079	1 168 366,950	26,294	25,831	77	60	60 293	6 191,526	51 685,030	8,348	7,884
28	11	98 651	43 118,083	1 123 932,871	26,066	25,603	78	61	57 568	5 739,591	45 493,504	7,926	7,463
29	12	98 598	41 839,637	1 080 814,788	25,832	25,369	79	62	54 687	5 293,482	39 753,913	7,510	7,047
30	13	98 543	40 598,401	1 038 975,151	25,592	25,128	80	63	51 663	4 855,140	34 460,431	7,098	6,634
31	14	98 483	39 391,994	998 376,750	25,345	24,881	81	64	48 451	4 420,683	29 605,291	6,697	6,234
32	15	98 418	38 219,190	958 984,757	25,092	24,628	82	65	45 101	3 995,143	25 184,608	6,304	5,841
33	16	98 346	37 079,048	920 765,567	24,833	24,369	83	66	41 634	3 580,663	21 189,465	5,918	5,455
34	17	98 265	35 969,238	883 686,519	24,568	24,105	84	67	38 010	3 173,702	17 608,801	5,548	5,085
35	18	98 183	34 892,524	847 717,281	24,295	23,832	85	68	34 281	2 778,995	14 435,099	5,194	4,731
36	19	98 093	33 845,166	812 824,757	24,016	23,553	86	69	30 473	2 398,370	11 656,104	4,860	4,397
37	20	97 990	32 824,970	778 979,590	23,731	23,268	87	70	26 667	2 037,697	9 257,734	4,543	4,080
38	21	97 876	31 831,901	746 154,620	23,440	22,977	88	71	22 935	1 701,449	7 220,037	4,243	3,780
39	22	97 760	30 868,115	714 322,719	23,141	22,678	89	72	19 299	1 390,036	5 518,589	3,970	3,507
40	23	97 631	29 929,419	683 454,604	22,836	22,372	90	73	15 870	1 109,779	4 128,553	3,720	3,257
41	24	97 494	29 016,980	653 525,185	22,522	22,059	91	74	12 743	865,139	3 018,774	3,489	3,026
42	25	97 337	28 126,334	624 508,205	22,204	21,740	92	75	10 000	659,165	2 153,635	3,267	2,804
43	26	97 180	27 263,190	596 381,871	21,875	21,412	93	76	7 605	486,660	1 494,471	3,071	2,608
44	27	97 008	26 422,197	569 118,681	21,539	21,076	94	77	5 615	348,850	1 007,811	2,889	2,426
45	28	96 819	25 602,770	542 696,484	21,197	20,734	95	78	4 001	241,357	658,960	2,730	2,267
46	29	96 614	24 804,438	517 093,715	20,847	20,384	96	79	2 760	161,637	417,603	2,584	2,120
47	30	96 391	24 026,374	492 289,277	20,490	20,026	97	80	1 834	104,252	255,966	2,455	1,992
48	31	96 139	23 265,607	468 262,903	20,127	19,664	98	81	1 180	65,136	151,714	2,329	1,866
49	32	95 856	22 521,434	444 997,296	19,759	19,296	99	82	734	39,321	86,578	2,202	1,739
							100	83	433	22,531	47,257	2,097	1,634

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	21 801,256	423 337,684	19,418	18,955
1							51	33	95 236	21 091,166	401 536,428	19,038	18,575
2							52	34	94 862	20 396,449	380 445,262	18,653	18,189
3							53	35	94 446	19 715,718	360 048,813	18,262	17,799
4							54	36	93 976	19 046,173	340 333,094	17,869	17,406
5							55	37	93 461	18 390,045	321 286,921	17,471	17,007
6							56	38	92 883	17 743,915	302 896,877	17,070	16,607
7							57	39	92 243	17 108,504	285 152,962	16,667	16,204
8							58	40	91 531	16 482,040	268 044,458	16,263	15,800
9							59	41	90 767	15 868,330	251 562,418	15,853	15,390
10							60	42	89 912	15 261,078	235 694,088	15,444	14,981
11							61	43	88 981	14 663,178	220 433,011	15,033	14,570
12							62	44	87 960	14 072,678	205 769,832	14,622	14,159
13							63	45	86 844	13 489,440	191 697,155	14,211	13,748
14							64	46	85 627	12 912,977	178 207,715	13,801	13,337
15							65	47	84 316	12 345,048	165 294,738	13,390	12,926
16							66	48	82 914	11 786,147	152 949,690	12,977	12,514
17							67	49	81 398	11 233,559	141 163,543	12,566	12,103
18	0	99 448	58 415,349	1 635 721,536	28,002	27,538	68	50	79 791	10 691,144	129 929,984	12,153	11,690
19	1	99 122	56 528,093	1 577 306,186	27,903	27,440	69	51	78 080	10 157,146	119 238,840	11,739	11,276
20	2	99 060	54 847,296	1 520 778,093	27,727	27,264	70	52	76 275	9 633,358	109 081,695	11,323	10,860
21	3	99 006	53 220,835	1 465 930,797	27,544	27,081	71	53	74 394	9 122,081	99 448,337	10,902	10,439
22	4	98 957	51 644,666	1 412 709,961	27,354	26,891	72	54	72 359	8 614,126	90 326,256	10,486	10,023
23	5	98 906	50 114,818	1 361 065,296	27,159	26,696	73	55	70 263	8 120,985	81 712,130	10,062	9,599
24	6	98 858	48 631,414	1 310 950,477	26,957	26,494	74	56	68 025	7 633,311	73 591,144	9,641	9,178
25	7	98 805	47 189,892	1 262 319,063	26,750	26,287	75	57	65 681	7 155,601	65 957,834	9,218	8,754
26	8	98 757	45 793,012	1 215 129,171	26,535	26,072	76	58	63 194	6 684,120	58 802,233	8,797	8,334
27	9	98 706	44 436,441	1 169 336,159	26,315	25,852	77	59	60 573	6 220,354	52 118,113	8,379	7,915
28	10	98 657	43 120,481	1 124 899,718	26,087	25,624	78	60	57 865	5 769,169	45 897,758	7,956	7,492
29	11	98 605	41 842,855	1 081 779,238	25,853	25,390	79	61	54 994	5 323,219	40 128,590	7,538	7,075
30	12	98 549	40 600,967	1 039 936,383	25,614	25,150	80	62	51 981	4 885,046	34 805,371	7,125	6,662
31	13	98 491	39 395,108	999 335,416	25,367	24,904	81	63	48 781	4 450,771	29 920,325	6,723	6,259
32	14	98 427	38 222,716	959 940,309	25,114	24,651	82	64	45 437	4 024,963	25 469,555	6,328	5,865
33	15	98 357	37 083,341	921 717,593	24,855	24,392	83	65	41 971	3 609,590	21 444,591	5,941	5,478
34	16	98 277	35 973,837	884 634,252	24,591	24,128	84	66	38 345	3 201,742	17 835,002	5,570	5,107
35	17	98 195	34 897,049	848 660,415	24,319	23,856	85	67	34 605	2 805,246	14 633,260	5,216	4,753
36	18	98 109	33 850,661	813 763,366	24,040	23,577	86	68	30 787	2 423,095	11 828,013	4,881	4,418
37	19	98 006	32 830,366	779 912,705	23,756	23,293	87	69	26 979	2 061,500	9 404,918	4,562	4,099
38	20	97 892	31 837,112	747 082,339	23,466	23,003	88	70	23 226	1 723,076	7 343,419	4,262	3,799
39	21	97 777	30 873,358	715 245,227	23,167	22,704	89	71	19 570	1 409,507	5 620,342	3,987	3,524
40	22	97 647	29 934,441	684 371,869	22,862	22,399	90	72	16 111	1 126,620	4 210,835	3,738	3,274
41	23	97 510	29 021,727	654 437,428	22,550	22,087	91	73	12 960	879,864	3 084,215	3,505	3,042
42	24	97 353	28 130,955	625 415,701	22,232	21,769	92	74	10 186	671,378	2 204,351	3,283	2,820
43	25	97 199	27 268,492	597 284,746	21,904	21,441	93	75	7 761	496,653	1 532,973	3,087	2,623
44	26	97 025	26 426,907	570 016,255	21,570	21,106	94	76	5 742	356,752	1 036,320	2,905	2,442
45	27	96 840	25 608,141	543 589,348	21,227	20,764	95	77	4 099	247,277	679,568	2,748	2,285
46	28	96 637	24 810,343	517 981,207	20,878	20,414	96	78	2 837	166,158	432,291	2,602	2,138
47	29	96 415	24 032,304	493 170,864	20,521	20,058	97	79	1 892	107,566	266,133	2,474	2,011
48	30	96 167	23 272,188	469 138,560	20,159	19,696	98	80	1 223	67,516	158,567	2,349	1,885
49	31	95 887	22 528,688	445 866,372	19,791	19,328	99	81	765	40,977	91,051	2,222	1,759
							100	82	454	23,642	50,074	2,118	1,655

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	21 808,278	424 125,246	19,448	18,985
1							51	32	95 268	21 098,253	402 316,968	19,069	18,606
2							52	33	94 895	20 403,595	381 218,715	18,684	18,221
3							53	34	94 482	19 723,248	360 815,120	18,294	17,831
4							54	35	94 020	19 055,070	341 091,871	17,900	17,437
5							55	36	93 506	18 398,819	322 036,801	17,503	17,040
6							56	37	92 929	17 752,879	303 637,982	17,104	16,640
7							57	38	92 294	17 117,989	285 885,103	16,701	16,238
8							58	39	91 591	16 492,771	268 767,114	16,296	15,833
9							59	40	90 824	15 878,383	252 274,343	15,888	15,425
10							60	41	89 978	15 272,271	236 395,961	15,479	15,016
11							61	42	89 053	14 675,019	221 123,689	15,068	14,605
12							62	43	88 039	14 085,294	206 448,671	14,657	14,194
13							63	44	86 926	13 502,211	192 363,377	14,247	13,784
14							64	45	85 719	12 926,882	178 861,166	13,836	13,373
15							65	46	84 416	12 359,684	165 934,284	13,425	12,962
16							66	47	83 022	11 801,482	153 574,600	13,013	12,550
17							67	48	81 521	11 250,628	141 773,118	12,601	12,138
18							68	49	79 926	10 709,179	130 522,491	12,188	11,725
19	0	99 410	56 692,039	1 578 395,878	27,842	27,378	69	50	78 224	10 175,909	119 813,312	11,774	11,311
20	1	99 082	54 859,498	1 521 703,838	27,738	27,275	70	51	76 434	9 653,403	109 637,403	11,357	10,894
21	2	99 019	53 227,830	1 466 844,341	27,558	27,095	71	52	74 558	9 142,234	99 984,000	10,936	10,473
22	3	98 966	51 649,815	1 413 616,511	27,369	26,906	72	53	72 539	8 635,530	90 841,766	10,520	10,056
23	4	98 915	50 119,432	1 361 966,696	27,174	26,711	73	54	70 457	8 143,415	82 206,236	10,095	9,632
24	5	98 864	48 634,719	1 311 847,264	26,973	26,510	74	55	68 237	7 657,143	74 062,821	9,672	9,209
25	6	98 812	47 193,338	1 263 212,545	26,767	26,304	75	56	65 904	7 179,880	66 405,679	9,249	8,786
26	7	98 762	45 795,193	1 216 019,207	26,553	26,090	76	57	63 432	6 709,322	59 225,799	8,827	8,364
27	8	98 713	44 439,643	1 170 224,014	26,333	25,870	77	58	60 827	6 246,424	52 516,476	8,407	7,944
28	9	98 662	43 122,773	1 125 784,371	26,106	25,643	78	59	58 135	5 796,030	46 270,052	7,983	7,520
29	10	98 611	41 845,181	1 082 661,598	25,873	25,410	79	60	55 277	5 350,651	40 474,022	7,564	7,101
30	11	98 557	40 604,089	1 040 816,417	25,633	25,170	80	61	52 273	4 912,488	35 123,372	7,150	6,687
31	12	98 497	39 397,597	1 000 212,328	25,388	24,924	81	62	49 081	4 478,186	30 210,884	6,746	6,283
32	13	98 434	38 225,737	960 814,730	25,135	24,672	82	63	45 747	4 052,358	25 732,698	6,350	5,887
33	14	98 367	37 086,763	922 588,994	24,877	24,413	83	64	42 284	3 636,532	21 680,340	5,962	5,499
34	15	98 288	35 978,002	885 502,231	24,612	24,149	84	65	38 655	3 227,607	18 043,808	5,590	5,127
35	16	98 208	34 901,511	849 524,229	24,341	23,877	85	66	34 910	2 830,031	14 816,201	5,235	4,772
36	17	98 121	33 855,050	814 622,718	24,062	23,599	86	67	31 078	2 445,984	11 986,170	4,900	4,437
37	18	98 022	32 835,696	780 767,668	23,778	23,315	87	68	27 257	2 082,752	9 540,185	4,581	4,117
38	19	97 908	31 842,346	747 931,971	23,489	23,025	88	69	23 498	1 743,204	7 457,433	4,278	3,815
39	20	97 793	30 878,412	716 089,626	23,191	22,727	89	70	19 818	1 427,424	5 714,229	4,003	3,540
40	21	97 664	29 939,524	685 211,214	22,887	22,423	90	71	16 337	1 142,401	4 286,806	3,752	3,289
41	22	97 526	29 026,597	655 271,689	22,575	22,112	91	72	13 157	893,216	3 144,404	3,520	3,057
42	23	97 369	28 135,557	626 245,092	22,258	21,795	92	73	10 359	682,806	2 251,188	3,297	2,834
43	24	97 215	27 272,972	598 109,535	21,930	21,467	93	74	7 905	505,855	1 568,382	3,100	2,637
44	25	97 044	26 432,046	570 836,564	21,596	21,133	94	75	5 860	364,077	1 062,527	2,918	2,455
45	26	96 857	25 612,706	544 404,518	21,255	20,792	95	76	4 192	252,878	698,450	2,762	2,299
46	27	96 658	24 815,548	518 791,812	20,906	20,443	96	77	2 907	170,233	445,572	2,617	2,154
47	28	96 438	24 038,025	493 976,265	20,550	20,087	97	78	1 945	110,574	275,339	2,490	2,027
48	29	96 190	23 277,932	469 938,240	20,188	19,725	98	79	1 262	69,663	164,765	2,365	1,902
49	30	95 914	22 535,061	446 660,307	19,821	19,357	99	80	793	42,475	95,102	2,239	1,776
							100	81	474	24,638	52,627	2,136	1,673

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	21 814,447	424 844,424	19,475	19,012
1							51	31	95 298	21 105,049	403 029,977	19,096	18,633
2							52	32	94 927	20 410,451	381 924,928	18,712	18,249
3							53	33	94 516	19 730,158	361 514,477	18,323	17,860
4							54	34	94 056	19 062,348	341 784,318	17,930	17,467
5							55	35	93 549	18 407,414	322 721,970	17,532	17,069
6							56	36	92 974	17 761,349	304 314,556	17,134	16,670
7							57	37	92 341	17 126,637	286 553,208	16,731	16,268
8							58	38	91 642	16 501,915	269 426,571	16,327	15,864
9							59	39	90 884	15 888,721	252 924,656	15,919	15,455
10							60	40	90 035	15 281,947	237 035,936	15,511	15,048
11							61	41	89 118	14 685,783	221 753,989	15,100	14,637
12							62	42	88 110	14 096,668	207 068,206	14,689	14,226
13							63	43	87 004	13 514,315	192 971,538	14,279	13,816
14							64	44	85 800	12 939,120	179 457,223	13,869	13,406
15							65	45	84 507	12 372,993	166 518,103	13,458	12,995
16							66	46	83 120	11 815,474	154 145,110	13,046	12,583
17							67	47	81 627	11 265,265	142 329,636	12,634	12,171
18							68	48	80 047	10 725,450	131 064,371	12,220	11,757
19							69	49	78 356	10 193,075	120 338,920	11,806	11,343
20	0	99 370	55 018,605	1 522 709,961	27,676	27,213	70	50	76 575	9 671,236	110 145,846	11,389	10,926
21	1	99 041	53 239,671	1 467 691,356	27,568	27,104	71	51	74 713	9 161,258	100 474,610	10,967	10,504
22	2	98 979	51 656,603	1 414 451,686	27,382	26,919	72	52	72 699	8 654,609	91 313,352	10,551	10,088
23	3	98 925	50 124,429	1 362 795,082	27,188	26,725	73	53	70 632	8 163,649	82 658,744	10,125	9,662
24	4	98 873	48 639,196	1 312 670,653	26,988	26,525	74	54	68 426	7 678,291	74 495,095	9,702	9,239
25	5	98 819	47 196,544	1 264 031,457	26,782	26,319	75	55	66 109	7 202,296	66 816,804	9,277	8,814
26	6	98 769	45 798,537	1 216 834,913	26,569	26,106	76	56	63 647	6 732,087	59 614,508	8,855	8,392
27	7	98 718	44 441,760	1 171 036,375	26,350	25,887	77	57	61 057	6 269,976	52 882,420	8,434	7,971
28	8	98 669	43 125,881	1 126 594,615	26,123	25,660	78	58	58 378	5 820,322	46 612,444	8,009	7,545
29	9	98 616	41 847,405	1 083 468,735	25,891	25,428	79	59	55 535	5 375,563	40 792,123	7,588	7,125
30	10	98 562	40 606,347	1 041 621,329	25,652	25,188	80	60	52 543	4 937,803	35 416,559	7,173	6,709
31	11	98 505	39 400,627	1 001 014,983	25,406	24,943	81	61	49 357	4 503,342	30 478,756	6,768	6,305
32	12	98 441	38 228,153	961 614,355	25,155	24,691	82	62	46 029	4 077,319	25 975,414	6,371	5,907
33	13	98 374	37 089,694	923 386,202	24,896	24,433	83	63	42 572	3 661,283	21 898,095	5,981	5,518
34	14	98 298	35 981,321	886 296,508	24,632	24,169	84	64	38 944	3 251,698	18 236,812	5,608	5,145
35	15	98 219	34 905,552	850 315,187	24,360	23,897	85	65	35 192	2 852,893	14 985,114	5,253	4,789
36	16	98 134	33 859,379	815 409,635	24,082	23,619	86	66	31 353	2 467,595	12 132,220	4,917	4,453
37	17	98 035	32 839,954	781 550,256	23,799	23,336	87	67	27 514	2 102,426	9 664,625	4,597	4,134
38	18	97 924	31 847,515	748 710,302	23,509	23,046	88	68	23 740	1 761,175	7 562,199	4,294	3,831
39	19	97 809	30 883,488	716 862,787	23,212	22,749	89	69	20 050	1 444,098	5 801,024	4,017	3,554
40	20	97 680	29 944,426	685 979,299	22,908	22,445	90	70	16 545	1 156,923	4 356,926	3,766	3,303
41	21	97 543	29 031,527	656 034,873	22,597	22,134	91	71	13 341	905,728	3 200,004	3,533	3,070
42	22	97 385	28 140,278	627 003,346	22,281	21,818	92	72	10 516	693,167	2 294,275	3,310	2,847
43	23	97 231	27 277,433	598 863,068	21,955	21,491	93	73	8 039	514,465	1 601,108	3,112	2,649
44	24	97 060	26 436,388	571 585,635	21,621	21,158	94	74	5 969	370,823	1 086,643	2,930	2,467
45	25	96 876	25 617,686	545 149,247	21,280	20,817	95	75	4 278	258,070	715,820	2,774	2,311
46	26	96 675	24 819,971	519 531,560	20,932	20,469	96	76	2 973	174,089	457,749	2,629	2,166
47	27	96 458	24 043,068	494 711,589	20,576	20,113	97	77	1 992	113,286	283,660	2,504	2,041
48	28	96 213	23 283,474	470 668,521	20,215	19,751	98	78	1 297	71,611	170,374	2,379	1,916
49	29	95 938	22 540,623	447 385,047	19,848	19,385	99	79	818	43,825	98,763	2,254	1,790
							100	80	491	25,538	54,938	2,151	1,688

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	21 819,831	425 500,628	19,501	19,037
1							51	30	95 325	21 111,019	403 680,796	19,122	18,659
2							52	31	94 957	20 417,026	382 569,778	18,738	18,275
3							53	32	94 547	19 736,788	362 152,752	18,349	17,886
4							54	33	94 089	19 069,027	342 415,964	17,957	17,493
5							55	34	93 585	18 414,444	323 346,937	17,559	17,096
6							56	35	93 017	17 769,646	304 932,493	17,160	16,697
7							57	36	92 385	17 134,808	287 162,847	16,759	16,296
8							58	37	91 688	16 510,251	270 028,039	16,355	15,892
9							59	38	90 934	15 897,530	253 517,788	15,947	15,484
10							60	39	90 094	15 291,896	237 620,258	15,539	15,076
11							61	40	89 175	14 695,087	222 328,362	15,129	14,666
12							62	41	88 174	14 107,007	207 633,275	14,718	14,255
13							63	42	87 074	13 525,228	193 526,268	14,309	13,845
14							64	43	85 877	12 950,720	180 001,040	13,899	13,436
15							65	44	84 587	12 384,707	167 050,320	13,488	13,025
16							66	45	83 210	11 828,197	154 665,612	13,076	12,613
17							67	46	81 724	11 278,621	142 837,416	12,664	12,201
18							68	47	80 151	10 739,405	131 558,794	12,250	11,787
19							69	48	78 475	10 208,562	120 819,390	11,835	11,372
20							70	49	76 704	9 687,550	110 610,827	11,418	10,955
21	0	99 329	53 394,080	1 468 620,558	27,505	27,042	71	50	74 851	9 178,181	100 923,277	10,996	10,533
22	1	99 001	51 668,095	1 415 226,479	27,391	26,927	72	51	72 850	8 672,617	91 745,096	10,579	10,115
23	2	98 938	50 131,017	1 363 558,384	27,200	26,737	73	52	70 788	8 181,685	83 072,479	10,153	9,690
24	3	98 883	48 644,046	1 313 427,367	27,001	26,538	74	53	68 596	7 697,369	74 890,794	9,729	9,266
25	4	98 828	47 200,889	1 264 783,322	26,796	26,333	75	54	66 292	7 222,188	67 193,425	9,304	8,841
26	5	98 775	45 801,649	1 217 582,432	26,584	26,121	76	55	63 846	6 753,105	59 971,236	8,881	8,417
27	6	98 725	44 445,005	1 171 780,783	26,365	25,902	77	56	61 264	6 291,251	53 218,131	8,459	7,996
28	7	98 674	43 127,935	1 127 335,778	26,139	25,676	78	57	58 598	5 842,267	46 926,880	8,032	7,569
29	8	98 623	41 850,421	1 084 207,843	25,907	25,444	79	58	55 767	5 398,093	41 084,613	7,611	7,148
30	9	98 568	40 608,505	1 042 357,422	25,668	25,205	80	59	52 787	4 960,794	35 686,521	7,194	6,730
31	10	98 510	39 402,818	1 001 748,917	25,423	24,960	81	60	49 612	4 526,549	30 725,727	6,788	6,325
32	11	98 448	38 231,093	962 346,099	25,172	24,709	82	61	46 287	4 100,223	26 199,178	6,390	5,926
33	12	98 381	37 092,038	924 115,006	24,914	24,451	83	62	42 834	3 683,835	22 098,954	5,999	5,536
34	13	98 305	35 984,166	887 022,967	24,650	24,187	84	63	39 209	3 273,830	18 415,119	5,625	5,162
35	14	98 228	34 908,772	851 038,802	24,379	23,916	85	64	35 455	2 874,188	15 141,289	5,268	4,805
36	15	98 145	33 863,300	816 130,030	24,101	23,637	86	65	31 606	2 487,529	12 267,102	4,931	4,468
37	16	98 047	32 844,153	782 266,730	23,818	23,354	87	66	27 757	2 121,002	9 779,572	4,611	4,148
38	17	97 937	31 851,645	749 422,578	23,529	23,065	88	67	23 964	1 777,811	7 658,571	4,308	3,845
39	18	97 825	30 888,502	717 570,932	23,231	22,768	89	68	20 256	1 458,985	5 880,759	4,031	3,567
40	19	97 696	29 949,349	686 682,430	22,928	22,465	90	69	16 738	1 170,437	4 421,774	3,778	3,315
41	20	97 559	29 036,279	656 733,082	22,618	22,154	91	70	13 510	917,241	3 251,337	3,545	3,081
42	21	97 401	28 145,057	627 696,803	22,302	21,839	92	71	10 664	702,877	2 334,096	3,321	2,858
43	22	97 247	27 282,011	599 551,746	21,976	21,513	93	72	8 161	522,272	1 631,219	3,123	2,660
44	23	97 076	26 440,713	572 269,735	21,644	21,180	94	73	6 070	377,135	1 108,946	2,940	2,477
45	24	96 892	25 621,895	545 829,022	21,303	20,840	95	74	4 358	262,852	731,812	2,784	2,321
46	25	96 694	24 824,798	520 207,127	20,955	20,492	96	75	3 034	177,663	468,960	2,640	2,176
47	26	96 475	24 047,354	495 382,329	20,600	20,137	97	76	2 038	115,852	291,296	2,514	2,051
48	27	96 233	23 288,358	471 334,975	20,239	19,776	98	77	1 329	73,367	175,444	2,391	1,928
49	28	95 961	22 545,989	448 046,617	19,873	19,409	99	78	841	45,051	102,077	2,266	1,803
							100	79	506	26,350	57,026	2,164	1,701

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	28	95 679	21 825,025	426 099,378	19,523	19,060
1							51	29	95 349	21 116,229	404 274,352	19,145	18,682
2							52	30	94 984	20 422,801	383 158,123	18,761	18,298
3							53	31	94 578	19 743,146	362 735,322	18,373	17,909
4							54	32	94 121	19 075,434	342 992,176	17,981	17,518
5							55	33	93 618	18 420,896	323 916,742	17,584	17,121
6							56	34	93 053	17 776,433	305 495,846	17,185	16,722
7							57	35	92 428	17 142,812	287 719,413	16,784	16,320
8							58	36	91 732	16 518,128	270 576,601	16,381	15,917
9							59	37	90 980	15 905,561	254 058,473	15,973	15,510
10							60	38	90 144	15 300,374	238 152,912	15,565	15,102
11							61	39	89 233	14 704,654	222 852,538	15,155	14,692
12							62	40	88 230	14 115,945	208 147,884	14,746	14,282
13							63	41	87 138	13 535,149	194 031,939	14,335	13,872
14							64	42	85 946	12 961,178	180 496,790	13,926	13,463
15							65	43	84 663	12 395,810	167 535,612	13,516	13,052
16							66	44	83 289	11 839,395	155 139,802	13,104	12,640
17							67	45	81 812	11 290,766	143 300,407	12,692	12,229
18							68	46	80 246	10 752,137	132 009,641	12,278	11,814
19							69	47	78 577	10 221,844	121 257,504	11,863	11,399
20							70	48	76 821	9 702,270	111 035,659	11,444	10,981
21							71	49	74 978	9 193,664	101 333,390	11,022	10,559
22	0	99 289	51 817,946	1 416 084,889	27,328	26,865	72	50	72 985	8 688,638	92 139,726	10,605	10,141
23	1	98 960	50 142,169	1 364 266,943	27,208	26,745	73	51	70 935	8 198,709	83 451,087	10,179	9,715
24	2	98 896	48 650,439	1 314 124,774	27,012	26,548	74	52	68 747	7 714,375	75 252,378	9,755	9,292
25	3	98 838	47 205,596	1 265 474,336	26,808	26,344	75	53	66 457	7 240,134	67 538,003	9,328	8,865
26	4	98 785	45 805,866	1 218 268,740	26,596	26,133	76	54	64 022	6 771,757	60 297,869	8,904	8,441
27	5	98 732	44 448,025	1 172 462,874	26,378	25,915	77	55	61 455	6 310,892	53 526,113	8,482	8,018
28	6	98 681	43 131,084	1 128 014,849	26,153	25,690	78	56	58 797	5 862,090	47 215,220	8,054	7,591
29	7	98 628	41 852,415	1 084 883,765	25,922	25,458	79	57	55 978	5 418,446	41 353,130	7,632	7,169
30	8	98 575	40 611,432	1 043 031,350	25,683	25,220	80	58	53 008	4 981,585	35 934,684	7,214	6,750
31	9	98 515	39 404,912	1 002 419,918	25,439	24,976	81	59	49 843	4 547,625	30 953,100	6,806	6,343
32	10	98 454	38 233,218	963 015,006	25,188	24,725	82	60	46 526	4 121,353	26 405,475	6,407	5,944
33	11	98 388	37 094,891	924 781,788	24,930	24,467	83	61	43 075	3 704,529	22 284,122	6,015	5,552
34	12	98 312	35 986,440	887 686,897	24,667	24,204	84	62	39 450	3 293,996	18 579,593	5,640	5,177
35	13	98 236	34 911,532	851 700,457	24,396	23,933	85	63	35 696	2 893,750	15 285,597	5,282	4,819
36	14	98 154	33 866,424	816 788,925	24,118	23,655	86	64	31 842	2 506,096	12 391,847	4,945	4,481
37	15	98 059	32 847,956	782 922,502	23,835	23,372	87	65	27 982	2 138,136	9 885,751	4,624	4,160
38	16	97 949	31 855,718	750 074,546	23,546	23,083	88	66	24 176	1 793,519	7 747,615	4,320	3,857
39	17	97 837	30 892,507	718 218,828	23,249	22,786	89	67	20 448	1 472,767	5 954,096	4,043	3,580
40	18	97 712	29 954,211	687 326,321	22,946	22,483	90	68	16 910	1 182,503	4 481,329	3,790	3,326
41	19	97 575	29 041,053	657 372,111	22,636	22,173	91	69	13 668	927,956	3 298,825	3,555	3,092
42	20	97 417	28 149,665	628 331,058	22,321	21,858	92	70	10 799	711,812	2 370,870	3,331	2,868
43	21	97 264	27 286,644	600 181,393	21,995	21,532	93	71	8 276	529,588	1 659,058	3,133	2,670
44	22	97 092	26 445,150	572 894,750	21,664	21,200	94	72	6 162	382,858	1 129,470	2,950	2,487
45	23	96 908	25 626,087	546 449,600	21,324	20,861	95	73	4 432	267,326	746,612	2,793	2,330
46	24	96 710	24 828,876	520 823,513	20,977	20,513	96	74	3 090	180,955	479,286	2,649	2,185
47	25	96 494	24 052,030	495 994,637	20,622	20,159	97	75	2 079	118,231	298,331	2,523	2,060
48	26	96 251	23 292,510	471 942,607	20,262	19,798	98	76	1 359	75,029	180,100	2,400	1,937
49	27	95 981	22 550,719	448 650,097	19,895	19,432	99	77	861	46,155	105,070	2,276	1,813
							100	78	521	27,087	58,915	2,175	1,712

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	27	95 699	21 829,604	426 645,307	19,544	19,081
							51	28	95 371	21 121,256	404 815,703	19,166	18,703
							52	29	95 008	20 427,842	383 694,447	18,783	18,320
							53	30	94 605	19 748,730	363 266,605	18,394	17,931
							54	31	94 151	19 081,579	343 517,875	18,003	17,539
							55	32	93 649	18 427,085	324 436,296	17,606	17,143
							56	33	93 085	17 782,661	306 009,210	17,208	16,745
							57	34	92 463	17 149,360	288 226,550	16,807	16,344
							58	35	91 775	16 525,845	271 077,190	16,403	15,940
							59	36	91 023	15 913,149	254 551,345	15,996	15,533
							60	37	90 189	15 308,104	238 638,196	15,589	15,126
							61	38	89 282	14 712,807	223 330,092	15,179	14,716
							62	39	88 288	14 125,135	208 617,286	14,769	14,306
							63	40	87 193	13 543,724	194 492,150	14,360	13,897
							64	41	86 009	12 970,685	180 948,427	13,951	13,487
							65	42	84 732	12 405,820	167 977,742	13,540	13,077
							66	43	83 363	11 850,009	155 571,922	13,128	12,665
							67	44	81 890	11 301,456	143 721,913	12,717	12,254
							68	45	80 333	10 763,715	132 420,458	12,302	11,839
							69	46	78 671	10 233,963	121 656,742	11,888	11,424
							70	47	76 921	9 714,893	111 422,779	11,469	11,006
							71	48	75 092	9 207,633	101 707,886	11,046	10,583
							72	49	73 108	8 703,295	92 500,253	10,628	10,165
						26,682	73	50	71 066	8 213,855	83 796,958	10,202	9,739
						26,556	74	51	68 890	7 730,427	75 583,103	9,777	9,314
						26,354	75	52	66 603	7 256,129	67 852,676	9,351	8,888
						26,144	76	53	64 181	6 788,583	60 596,547	8,926	8,463
						26,390	77	54	61 625	6 328,322	53 807,964	8,503	8,039
						25,927	78	55	58 981	5 880,392	47 479,641	8,074	7,611
						25,935	79	56	56 168	5 436,831	41 599,249	7,651	7,188
						25,697	80	57	53 208	5 000,368	36 162,418	7,232	6,769
						24,989	81	58	50 051	4 566,684	31 162,051	6,824	6,361
						25,203	82	59	46 742	4 140,542	26 595,367	6,423	5,960
						24,945	83	60	43 297	3 723,619	22 454,824	6,030	5,567
						24,682	84	61	39 672	3 312,500	18 731,205	5,655	5,191
						24,412	85	62	35 916	2 911,574	15 418,705	5,296	4,832
						24,134	86	63	32 059	2 523,153	12 507,131	4,957	4,494
						23,851	87	64	28 191	2 154,095	9 983,977	4,635	4,172
						23,562	88	65	24 371	1 808,007	7 829,882	4,331	3,867
						22,802	89	66	20 628	1 485,780	6 021,875	4,053	3,590
						22,963	90	67	17 070	1 193,674	4 536,095	3,800	3,337
						22,652	91	68	13 809	937,522	3 342,422	3,565	3,102
						21,875	92	69	10 925	720,126	2 404,900	3,340	2,876
						22,013	93	70	8 381	536,320	1 684,773	3,141	2,678
						21,681	94	71	6 249	388,221	1 148,453	2,958	2,495
						21,342	95	72	4 499	271,383	760,232	2,801	2,338
						20,996	96	73	3 142	184,035	488,850	2,656	2,193
						20,642	97	74	2 118	120,422	304,814	2,531	2,068
						20,281	98	75	1 387	76,570	184,392	2,408	1,945
						19,916	99	76	881	47,201	107,823	2,284	1,821
						19,453	100	77	533	27,751	60,622	2,184	1,721

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	21 833,496	427 142,567	19,564	19,100
1							51	27	95 391	21 125,687	405 309,071	19,186	18,722
2							52	28	95 030	20 432,705	384 183,384	18,802	18,339
3							53	29	94 628	19 753,605	363 750,680	18,414	17,951
4							54	30	94 178	19 086,976	343 997,075	18,023	17,559
5							55	31	93 679	18 433,021	324 910,099	17,627	17,163
6							56	32	93 117	17 788,636	306 477,078	17,229	16,766
7							57	33	92 496	17 155,368	288 688,442	16,828	16,365
8							58	34	91 810	16 532,157	271 533,074	16,425	15,961
9							59	35	91 066	15 920,583	255 000,917	16,017	15,554
10							60	36	90 232	15 315,407	239 080,334	15,610	15,147
11							61	37	89 328	14 720,239	223 764,927	15,201	14,738
12							62	38	88 337	14 132,966	209 044,687	14,791	14,328
13							63	39	87 250	13 552,541	194 911,721	14,382	13,919
14							64	40	86 064	12 978,902	181 359,180	13,973	13,510
15							65	41	84 794	12 414,919	168 380,278	13,563	13,100
16							66	42	83 431	11 859,578	155 965,359	13,151	12,688
17							67	43	81 963	11 311,588	144 105,781	12,740	12,276
18							68	44	80 409	10 773,906	132 794,193	12,326	11,862
19							69	45	78 755	10 244,983	122 020,287	11,910	11,447
20							70	46	77 012	9 726,411	111 775,304	11,492	11,029
21							71	47	75 189	9 219,613	102 048,893	11,069	10,605
22							72	48	73 219	8 716,519	92 829,280	10,650	10,187
23							73	49	71 186	8 227,711	84 112,761	10,223	9,760
24	0	99 205	48 802,392	1 315 505,937	26,956	26,493	74	50	69 018	7 744,708	75 885,050	9,798	9,335
25	1	98 873	47 222,302	1 266 703,545	26,824	26,361	75	51	66 742	7 271,228	68 140,343	9,371	8,908
26	2	98 807	45 816,453	1 219 481,242	26,617	26,153	76	52	64 323	6 803,581	60 869,115	8,947	8,483
27	3	98 751	44 456,550	1 173 664,789	26,400	25,937	77	53	61 778	6 344,047	54 065,534	8,522	8,059
28	4	98 697	43 137,986	1 129 208,239	26,177	25,713	78	54	59 144	5 896,633	47 721,487	8,093	7,630
29	5	98 642	41 858,315	1 086 070,254	25,946	25,483	79	55	56 343	5 453,805	41 824,854	7,669	7,206
30	6	98 586	40 616,332	1 044 211,939	25,709	25,246	80	56	53 389	5 017,334	36 371,049	7,249	6,786
31	7	98 527	39 409,629	1 003 595,607	25,466	25,003	81	57	50 240	4 583,903	31 353,715	6,840	6,377
32	8	98 466	38 238,006	964 185,978	25,215	24,752	82	58	46 938	4 157,895	26 769,812	6,438	5,975
33	9	98 399	37 098,925	925 947,971	24,959	24,496	83	59	43 498	3 740,957	22 611,917	6,044	5,581
34	10	98 325	35 991,208	888 849,046	24,696	24,233	84	60	39 876	3 329,570	18 870,960	5,668	5,204
35	11	98 250	34 916,423	852 857,838	24,426	23,962	85	61	36 118	2 927,930	15 541,390	5,308	4,845
36	12	98 168	33 871,241	817 941,415	24,149	23,685	86	62	32 256	2 538,695	12 613,460	4,968	4,505
37	13	98 075	32 853,583	784 070,173	23,866	23,402	87	63	28 382	2 168,756	10 074,765	4,645	4,182
38	14	97 970	31 862,345	751 216,590	23,577	23,114	88	64	24 553	1 821,503	7 906,008	4,340	3,877
39	15	97 861	30 900,034	719 354,245	23,280	22,817	89	65	20 795	1 497,782	6 084,506	4,062	3,599
40	16	97 737	29 961,925	688 454,211	22,978	22,514	90	66	17 221	1 204,220	4 586,723	3,809	3,346
41	17	97 603	29 049,534	658 492,286	22,668	22,205	91	67	13 940	946,378	3 382,503	3,574	3,111
42	18	97 449	28 158,863	629 442,752	22,353	21,890	92	68	11 038	727,550	2 436,125	3,348	2,885
43	19	97 296	27 295,597	601 283,889	22,029	21,565	93	69	8 479	542,585	1 708,575	3,149	2,686
44	20	97 124	26 453,971	573 988,292	21,698	21,234	94	70	6 328	393,156	1 165,990	2,966	2,502
45	21	96 940	25 634,740	547 534,321	21,359	20,896	95	71	4 562	275,184	772,834	2,808	2,345
46	22	96 742	24 837,105	521 899,581	21,013	20,550	96	72	3 190	186,828	497,650	2,664	2,200
47	23	96 526	24 059,917	497 062,476	20,659	20,196	97	73	2 154	122,472	310,822	2,538	2,075
48	24	96 285	23 300,867	473 002,559	20,300	19,837	98	74	1 413	77,988	188,351	2,415	1,952
49	25	96 017	22 559,125	449 701,692	19,934	19,471	99	75	899	48,170	110,362	2,291	1,828
							100	76	545	28,380	62,192	2,191	1,728

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	21 837,741	427 595,982	19,581	19,117
1							51	26	95 408	21 129,453	405 758,240	19,203	18,740
2							52	27	95 050	20 436,991	384 628,787	18,820	18,357
3							53	28	94 650	19 758,307	364 191,796	18,432	17,969
4							54	29	94 201	19 091,687	344 433,489	18,041	17,578
5							55	30	93 706	18 438,235	325 341,801	17,645	17,182
6							56	31	93 147	17 794,366	306 903,566	17,247	16,784
7							57	32	92 527	17 161,133	289 109,200	16,847	16,384
8							58	33	91 842	16 537,949	271 948,068	16,444	15,981
9							59	34	91 101	15 926,664	255 410,119	16,037	15,573
10							60	35	90 274	15 322,562	239 483,455	15,629	15,166
11							61	36	89 370	14 727,262	224 160,894	15,221	14,758
12							62	37	88 381	14 140,106	209 433,631	14,811	14,348
13							63	38	87 298	13 560,055	195 293,525	14,402	13,939
14							64	39	86 120	12 987,352	181 733,470	13,993	13,530
15							65	40	84 847	12 422,784	168 746,118	13,584	13,120
16							66	41	83 492	11 868,277	156 323,334	13,172	12,708
17							67	42	82 029	11 320,722	144 455,057	12,760	12,297
18							68	43	80 481	10 783,565	133 134,335	12,346	11,883
19							69	44	78 830	10 254,683	122 350,770	11,931	11,468
20							70	45	77 095	9 736,884	112 096,088	11,513	11,049
21							71	46	75 278	9 230,543	102 359,203	11,089	10,626
22							72	47	73 314	8 727,860	93 128,660	10,670	10,207
23							73	48	71 294	8 240,212	84 400,800	10,243	9,779
24							74	49	69 134	7 757,772	76 160,588	9,817	9,354
25	0	99 160	47 359,259	1 267 381,729	26,761	26,298	75	50	66 865	7 284,660	68 402,816	9,390	8,927
26	1	98 829	45 826,646	1 220 022,469	26,623	26,159	76	51	64 457	6 817,738	61 118,156	8,965	8,501
27	2	98 764	44 462,392	1 174 195,824	26,409	25,946	77	52	61 914	6 358,062	54 300,418	8,540	8,077
28	3	98 706	43 142,287	1 129 733,431	26,186	25,723	78	53	59 291	5 911,285	47 942,355	8,110	7,647
29	4	98 651	41 862,168	1 086 591,145	25,956	25,493	79	54	56 499	5 468,868	42 031,071	7,686	7,222
30	5	98 593	40 619,092	1 044 728,976	25,720	25,257	80	55	53 556	5 032,999	36 562,203	7,264	6,801
31	6	98 534	39 412,507	1 004 109,885	25,477	25,014	81	56	50 411	4 599,456	31 529,204	6,855	6,392
32	7	98 471	38 239,828	964 697,377	25,228	24,764	82	57	47 115	4 173,572	26 929,748	6,452	5,989
33	8	98 406	37 101,599	926 457,550	24,971	24,508	83	58	43 681	3 756,635	22 756,175	6,058	5,594
34	9	98 330	35 993,121	889 355,951	24,709	24,246	84	59	40 062	3 345,073	18 999,540	5,680	5,217
35	10	98 255	34 918,364	853 362,829	24,439	23,976	85	60	36 304	2 943,019	15 654,467	5,319	4,856
36	11	98 176	33 873,846	818 444,465	24,162	23,698	86	61	32 437	2 552,956	12 711,449	4,979	4,516
37	12	98 082	32 855,659	784 570,619	23,879	23,416	87	62	28 557	2 182,115	10 158,492	4,655	4,192
38	13	97 978	31 864,864	751 714,959	23,591	23,127	88	63	24 720	1 833,900	7 976,377	4,349	3,886
39	14	97 870	30 902,885	719 850,095	23,294	22,831	89	64	20 950	1 508,962	6 142,477	4,071	3,607
40	15	97 748	29 965,394	688 947,210	22,991	22,528	90	65	17 360	1 213,948	4 633,515	3,817	3,354
41	16	97 616	29 053,248	658 981,816	22,682	22,219	91	66	14 063	954,740	3 419,567	3,582	3,118
42	17	97 462	28 162,514	629 928,568	22,368	21,904	92	67	11 142	734,423	2 464,827	3,356	2,893
43	18	97 311	27 300,029	601 766,054	22,043	21,579	93	68	8 566	548,179	1 730,405	3,157	2,693
44	19	97 140	26 458,320	574 466,025	21,712	21,249	94	69	6 402	397,748	1 182,226	2,972	2,509
45	20	96 956	25 638,936	548 007,705	21,374	20,911	95	70	4 620	278,682	784,478	2,815	2,352
46	21	96 758	24 841,323	522 368,769	21,028	20,565	96	71	3 235	189,445	505,796	2,670	2,207
47	22	96 542	24 063,954	497 527,446	20,675	20,212	97	72	2 187	124,330	316,351	2,544	2,081
48	23	96 301	23 304,679	473 463,491	20,316	19,853	98	73	1 437	79,316	192,021	2,421	1,958
49	24	96 032	22 562,831	450 158,813	19,951	19,488	99	74	915	49,063	112,705	2,297	1,834
							100	75	557	28,963	63,642	2,197	1,734

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 833 875,927	28,339	27,875	50	50	94 198	19 034,476	333 080,945	17,499	17,035
1	1	99 373	96 245,225	2 733 875,927	28,405	27,942	51	51	93 723	18 342,205	314 046,469	17,122	16,658
2	2	99 327	93 172,459	2 637 630,702	28,309	27,845	52	52	93 193	17 664,529	295 704,263	16,740	16,276
3	3	99 301	90 215,809	2 544 458,244	28,204	27,741	53	53	92 616	17 002,574	278 039,734	16,353	15,889
4	4	99 279	87 357,019	2 454 242,434	28,094	27,631	54	54	91 970	16 352,420	261 037,160	15,963	15,500
5	5	99 259	84 589,841	2 366 885,416	27,981	27,517	55	55	91 257	15 714,971	244 684,740	15,570	15,107
6	6	99 243	81 914,195	2 282 295,575	27,862	27,398	56	56	90 456	15 086,655	228 969,768	15,177	14,713
7	7	99 227	79 322,846	2 200 381,380	27,740	27,276	57	57	89 579	14 470,127	213 883,113	14,781	14,317
8	8	99 212	76 814,876	2 121 058,534	27,613	27,149	58	58	88 612	13 863,302	199 412,987	14,384	13,921
9	9	99 198	74 385,947	2 044 243,657	27,482	27,018	59	59	87 560	13 267,613	185 549,685	13,985	13,522
10	10	99 184	72 034,889	1 969 857,710	27,346	26,882	60	60	86 397	12 679,291	172 282,072	13,588	13,124
11	11	99 172	69 758,374	1 897 822,821	27,206	26,742	61	61	85 133	12 100,501	159 602,780	13,190	12,726
12	12	99 157	67 552,725	1 828 064,447	27,061	26,598	62	62	83 760	11 530,694	147 502,280	12,792	12,329
13	13	99 142	65 416,441	1 760 511,722	26,912	26,449	63	63	82 269	10 968,920	135 971,586	12,396	11,932
14	14	99 125	63 346,433	1 695 095,281	26,759	26,296	64	64	80 655	10 415,138	125 002,666	12,002	11,538
15	15	99 104	61 339,239	1 631 748,848	26,602	26,138	65	65	78 926	9 871,056	114 587,528	11,608	11,145
16	16	99 077	59 392,354	1 570 409,609	26,441	25,978	66	66	77 091	9 338,136	104 716,472	11,214	10,750
17	17	99 041	57 502,355	1 511 017,255	26,277	25,814	67	67	75 132	8 814,386	95 378,336	10,821	10,357
18	18	99 002	55 670,285	1 453 514,900	26,109	25,646	68	68	73 083	8 304,142	86 563,950	10,424	9,961
19	19	98 948	53 888,391	1 397 844,615	25,940	25,476	69	69	70 917	7 804,349	78 259,808	10,028	9,564
20	20	98 892	52 162,510	1 343 956,224	25,765	25,301	70	70	68 620	7 313,899	70 455,459	9,633	9,169
21	21	98 835	50 491,478	1 291 793,714	25,584	25,121	71	71	66 234	6 837,307	63 141,560	9,235	8,771
22	22	98 778	48 874,079	1 241 302,236	25,398	24,934	72	72	63 690	6 367,750	56 304,253	8,842	8,378
23	23	98 720	47 307,887	1 192 428,157	25,206	24,742	73	73	61 089	5 915,448	49 936,503	8,442	7,978
24	24	98 662	45 792,033	1 145 120,271	25,007	24,543	74	74	58 335	5 470,952	44 021,055	8,046	7,583
25	25	98 601	44 323,039	1 099 328,238	24,803	24,339	75	75	55 488	5 040,120	38 550,103	7,649	7,185
26	26	98 538	42 900,581	1 055 005,199	24,592	24,128	76	76	52 510	4 619,484	33 509,983	7,254	6,790
27	27	98 477	41 524,487	1 012 104,618	24,374	23,910	77	77	49 424	4 211,149	28 890,499	6,860	6,397
28	28	98 412	40 190,902	970 580,131	24,149	23,686	78	78	46 298	3 820,679	24 679,349	6,459	5,996
29	29	98 343	38 898,549	930 389,230	23,918	23,455	79	79	43 025	3 438,755	20 858,670	6,066	5,602
30	30	98 271	37 646,261	891 490,681	23,681	23,217	80	80	39 636	3 068,211	17 419,915	5,678	5,214
31	31	98 191	36 431,709	853 844,420	23,437	22,973	81	81	36 105	2 706,920	14 351,704	5,302	4,838
32	32	98 103	35 253,352	817 412,710	23,187	22,723	82	82	32 491	2 359,275	11 644,783	4,936	4,472
33	33	98 010	34 111,362	782 159,358	22,930	22,466	83	83	28 815	2 026,483	9 285,508	4,582	4,118
34	34	97 907	33 002,914	748 047,995	22,666	22,202	84	84	25 074	1 707,870	7 259,025	4,250	3,787
35	35	97 801	31 929,423	715 045,082	22,395	21,931	85	85	21 372	1 409,877	5 551,155	3,937	3,474
36	36	97 682	30 886,604	683 115,659	22,117	21,653	86	86	17 779	1 135,967	4 141,278	3,646	3,182
37	37	97 549	29 873,717	652 229,054	21,833	21,369	87	87	14 398	890,982	3 005,312	3,373	2,909
38	38	97 402	28 889,924	622 355,338	21,542	21,079	88	88	11 298	677,111	2 114,330	3,123	2,659
39	39	97 249	27 936,638	593 465,413	21,243	20,780	89	89	8 548	496,170	1 437,219	2,897	2,433
40	40	97 074	27 008,451	565 528,775	20,939	20,475	90	90	6 217	349,497	941,050	2,693	2,229
41	41	96 892	26 109,393	538 520,324	20,626	20,162	91	91	4 330	235,754	591,552	2,509	2,046
42	42	96 681	25 232,354	512 410,931	20,308	19,844	92	92	2 887	152,227	355,798	2,337	1,874
43	43	96 466	24 383,855	487 178,577	19,980	19,516	93	93	1 819	92,914	203,571	2,191	1,727
44	44	96 226	23 557,544	462 794,723	19,645	19,182	94	94	1 086	53,715	110,657	2,060	1,596
45	45	95 968	22 754,921	439 237,178	19,303	18,839	95	95	611	29,267	56,942	1,946	1,482
46	46	95 685	21 973,585	416 482,257	18,954	18,490	96	96	323	14,989	27,675	1,846	1,383
47	47	95 375	21 212,874	394 508,672	18,598	18,134	97	97	160	7,171	12,685	1,769	1,305
48	48	95 029	20 470,620	373 295,799	18,236	17,772	98	98	75	3,268	5,514	1,687	1,224
49	49	94 635	19 744,234	352 825,179	17,870	17,406	99	99	33	1,396	2,246	1,609	1,145
							100	100	13	0,550	0,850	1,545	1,081

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	2 829 595,355	28,378	27,914	50	51	94 025	18 999,379	329 695,403	17,353	16,889
1	2	99 351	96 223,818	2 729 884,542	28,370	27,907	51	52	93 528	18 304,117	310 696,024	16,974	16,510
2	3	99 314	93 160,215	2 633 660,723	28,270	27,807	52	53	92 988	17 625,589	292 391,907	16,589	16,125
3	4	99 291	90 206,815	2 540 500,508	28,163	27,699	53	54	92 387	16 960,432	274 766,318	16,200	15,737
4	5	99 270	87 348,977	2 450 293,693	28,052	27,588	54	55	91 717	16 307,381	257 805,886	15,809	15,346
5	6	99 252	84 584,094	2 362 944,716	27,936	27,472	55	56	90 973	15 666,060	241 498,505	15,415	14,952
6	7	99 236	81 908,214	2 278 360,622	27,816	27,352	56	57	90 150	15 035,638	225 832,444	15,020	14,556
7	8	99 222	79 319,068	2 196 452,408	27,691	27,228	57	58	89 242	14 415,773	210 796,806	14,623	14,159
8	9	99 205	76 809,340	2 117 133,340	27,563	27,100	58	59	88 242	13 805,443	196 381,033	14,225	13,761
9	10	99 192	74 381,994	2 040 324,000	27,430	26,967	59	60	87 154	13 206,125	182 575,591	13,825	13,361
10	11	99 179	72 030,885	1 965 942,006	27,293	26,829	60	61	85 954	12 614,287	169 369,466	13,427	12,963
11	12	99 164	69 753,009	1 893 911,121	27,152	26,688	61	62	84 657	12 032,905	156 755,179	13,027	12,564
12	13	99 151	67 548,455	1 824 158,113	27,005	26,542	62	63	83 248	11 460,104	144 722,274	12,628	12,165
13	14	99 134	65 411,271	1 756 609,657	26,855	26,391	63	64	81 713	10 894,768	133 262,170	12,232	11,768
14	15	99 116	63 340,589	1 691 198,386	26,700	26,236	64	65	80 057	10 337,974	122 367,402	11,837	11,373
15	16	99 092	61 332,138	1 627 857,797	26,542	26,078	65	66	78 293	9 791,952	112 029,428	11,441	10,977
16	17	99 064	59 384,977	1 566 525,659	26,379	25,916	66	67	76 416	9 256,355	102 237,476	11,045	10,581
17	18	99 029	57 494,900	1 507 140,898	26,213	25,750	67	68	74 429	8 731,901	92 981,121	10,648	10,185
18	19	98 986	55 661,249	1 449 645,998	26,044	25,580	68	69	72 338	8 219,407	84 249,220	10,250	9,786
19	20	98 932	53 879,533	1 393 984,749	25,872	25,409	69	70	70 098	7 714,238	76 029,813	9,856	9,392
20	21	98 875	52 153,972	1 340 105,216	25,695	25,232	70	71	67 759	7 222,096	68 315,575	9,459	8,996
21	22	98 818	50 482,905	1 287 951,245	25,513	25,049	71	72	65 319	6 742,853	61 093,479	9,060	8,597
22	23	98 761	48 865,879	1 237 468,340	25,324	24,860	72	73	62 738	6 272,565	54 350,625	8,665	8,201
23	24	98 704	47 300,149	1 188 602,461	25,129	24,665	73	74	60 066	5 816,447	48 078,060	8,266	7,802
24	25	98 646	45 784,510	1 141 302,312	24,928	24,464	74	75	57 274	5 371,424	42 261,613	7,868	7,404
25	26	98 582	44 314,422	1 095 517,801	24,721	24,258	75	76	54 371	4 938,713	36 890,189	7,470	7,006
26	27	98 521	42 892,934	1 051 203,379	24,508	24,044	76	77	51 346	4 517,168	31 951,476	7,073	6,610
27	28	98 457	41 515,777	1 008 310,445	24,287	23,824	77	78	48 241	4 110,341	27 434,308	6,674	6,211
28	29	98 389	40 181,337	966 794,668	24,061	23,597	78	79	45 039	3 716,728	23 323,967	6,275	5,812
29	30	98 319	38 888,950	926 613,331	23,827	23,364	79	80	41 699	3 332,813	19 607,239	5,883	5,419
30	31	98 243	37 635,615	887 724,381	23,587	23,124	80	81	38 238	2 960,022	16 274,426	5,498	5,034
31	32	98 159	36 419,978	850 088,766	23,341	22,878	81	82	34 646	2 597,519	13 314,405	5,126	4,662
32	33	98 070	35 241,511	813 668,788	23,088	22,625	82	83	30 964	2 248,384	10 716,885	4,766	4,303
33	34	97 976	34 099,416	778 427,277	22,828	22,365	83	84	27 224	1 914,630	8 468,502	4,423	3,959
34	35	97 870	32 990,313	744 327,862	22,562	22,098	84	85	23 474	1 598,929	6 553,872	4,099	3,635
35	36	97 755	31 914,514	711 337,548	22,289	21,825	85	86	19 797	1 305,977	4 954,943	3,794	3,330
36	37	97 635	30 871,876	679 423,034	22,008	21,544	86	87	16 263	1 039,093	3 648,966	3,512	3,048
37	38	97 499	29 858,632	648 551,158	21,721	21,257	87	88	12 971	802,690	2 609,873	3,251	2,788
38	39	97 348	28 873,916	618 692,526	21,427	20,964	88	89	10 018	600,392	1 807,183	3,010	2,546
39	40	97 186	27 918,461	589 818,609	21,126	20,663	89	90	7 447	432,260	1 206,791	2,792	2,328
40	41	97 012	26 991,351	561 900,148	20,818	20,354	90	91	5 302	298,080	774,531	2,598	2,135
41	42	96 821	26 090,256	534 908,797	20,502	20,039	91	92	3 611	196,636	476,451	2,423	1,959
42	43	96 603	25 211,995	508 818,541	20,182	19,718	92	93	2 344	123,617	279,815	2,264	1,800
43	44	96 380	24 362,014	483 606,546	19,851	19,387	93	94	1 438	73,453	156,199	2,127	1,663
44	45	96 135	23 535,262	459 244,532	19,513	19,049	94	95	837	41,390	82,746	1,999	1,536
45	46	95 865	22 730,445	435 709,269	19,169	18,705	95	96	456	21,826	41,357	1,895	1,431
46	47	95 572	21 947,564	412 978,824	18,817	18,353	96	97	233	10,803	19,530	1,808	1,344
47	48	95 251	21 185,310	391 031,260	18,458	17,994	97	98	113	5,058	8,728	1,726	1,262
48	49	94 884	20 439,563	369 845,950	18,095	17,631	98	99	51	2,225	3,670	1,649	1,186
49	50	94 476	19 710,984	349 406,387	17,726	17,263	99	100	22	0,917	1,445	1,575	1,112

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	2 825 287,443	28,341	27,877	50	52	93 830	18 959,926	326 050,073	17,197	16,733
1	3	99 338	96 211,174	2 725 598,807	28,329	27,866	51	53	93 322	18 263,767	307 090,146	16,814	16,351
2	4	99 304	93 150,927	2 629 387,633	28,227	27,764	52	54	92 757	17 581,903	288 826,379	16,427	15,964
3	5	99 282	90 198,511	2 536 236,706	28,118	27,655	53	55	92 132	16 913,718	271 244,476	16,037	15,573
4	6	99 263	87 343,042	2 446 038,195	28,005	27,541	54	56	91 431	16 256,626	254 330,758	15,645	15,181
5	7	99 245	84 577,918	2 358 695,152	27,888	27,424	55	57	90 665	15 613,084	238 074,131	15,248	14,785
6	8	99 231	81 904,313	2 274 117,235	27,766	27,302	56	58	89 811	14 979,160	222 461,047	14,851	14,388
7	9	99 215	79 313,352	2 192 212,922	27,640	27,176	57	59	88 870	14 355,607	207 481,887	14,453	13,989
8	10	99 200	76 805,258	2 112 899,570	27,510	27,046	58	60	87 833	13 741,462	193 126,280	14,054	13,591
9	11	99 187	74 377,859	2 036 094,312	27,375	26,911	59	61	86 708	13 138,420	179 384,818	13,653	13,190
10	12	99 171	72 025,345	1 961 716,454	27,236	26,773	60	62	85 474	12 543,821	166 246,399	13,253	12,790
11	13	99 158	69 748,601	1 889 691,108	27,093	26,629	61	63	84 139	11 959,241	153 702,577	12,852	12,389
12	14	99 143	67 543,116	1 819 942,508	26,945	26,481	62	64	82 685	11 382,632	141 743,337	12,453	11,989
13	15	99 125	65 405,237	1 752 399,391	26,793	26,329	63	65	81 108	10 814,051	130 360,705	12,055	11,591
14	16	99 104	63 333,256	1 686 994,155	26,637	26,173	64	66	79 415	10 255,129	119 546,654	11,657	11,194
15	17	99 079	61 324,297	1 623 660,898	26,477	26,013	65	67	77 607	9 706,196	109 291,526	11,260	10,796
16	18	99 051	59 377,062	1 562 336,601	26,312	25,848	66	68	75 701	9 169,735	99 585,329	10,860	10,397
17	19	99 012	57 485,567	1 502 959,539	26,145	25,681	67	69	73 670	8 642,801	90 415,594	10,461	9,998
18	20	98 970	55 652,100	1 445 473,972	25,973	25,510	68	70	71 502	8 124,503	81 772,793	10,065	9,601
19	21	98 915	53 870,714	1 389 821,872	25,799	25,336	69	71	69 218	7 617,410	73 648,290	9,668	9,205
20	22	98 859	52 145,116	1 335 951,158	25,620	25,156	70	72	66 823	7 122,327	66 030,879	9,271	8,807
21	23	98 801	50 474,435	1 283 806,042	25,435	24,971	71	73	64 342	6 642,062	58 908,553	8,869	8,405
22	24	98 745	48 857,887	1 233 331,607	25,243	24,780	72	74	61 688	6 167,587	52 266,491	8,474	8,011
23	25	98 688	47 292,379	1 184 473,721	25,046	24,582	73	75	58 974	5 710,634	46 098,903	8,072	7,609
24	26	98 627	45 775,609	1 137 181,342	24,843	24,379	74	76	56 121	5 263,351	40 388,270	7,673	7,210
25	27	98 564	44 306,524	1 091 405,733	24,633	24,169	75	77	53 167	4 829,326	35 124,919	7,273	6,810
26	28	98 500	42 883,937	1 047 099,209	24,417	23,953	76	78	50 117	4 409,034	30 295,593	6,871	6,408
27	29	98 433	41 505,897	1 004 215,271	24,195	23,731	77	79	46 928	3 998,509	25 886,558	6,474	6,010
28	30	98 365	40 171,421	962 709,374	23,965	23,501	78	80	43 651	3 602,221	21 888,049	6,076	5,613
29	31	98 291	38 877,953	922 537,953	23,729	23,265	79	81	40 229	3 215,293	18 285,828	5,687	5,224
30	32	98 211	37 623,497	883 660,001	23,487	23,023	80	82	36 693	2 840,391	15 070,535	5,306	4,842
31	33	98 126	36 407,744	846 036,504	23,238	22,774	81	83	33 018	2 475,430	12 230,144	4,941	4,477
32	34	98 036	35 229,168	809 628,759	22,982	22,518	82	84	29 255	2 124,282	9 754,714	4,592	4,128
33	35	97 938	34 086,397	774 399,591	22,719	22,255	83	85	25 488	1 792,500	7 630,432	4,257	3,793
34	36	97 824	32 974,909	740 313,195	22,451	21,987	84	86	21 744	1 481,098	5 837,932	3,942	3,478
35	37	97 709	31 899,295	707 338,286	22,174	21,710	85	87	18 108	1 194,606	4 356,835	3,647	3,183
36	38	97 586	30 856,288	675 438,990	21,890	21,426	86	88	14 651	936,124	3 162,229	3,378	2,914
37	39	97 445	29 842,088	644 582,703	21,600	21,136	87	89	11 502	711,742	2 226,105	3,128	2,664
38	40	97 285	28 855,130	614 740,615	21,304	20,841	88	90	8 727	523,057	1 514,363	2,895	2,432
39	41	97 124	27 900,786	585 885,486	20,999	20,535	89	91	6 351	368,667	991,305	2,689	2,225
40	42	96 941	26 971,568	557 984,700	20,688	20,224	90	92	4 422	248,620	622,638	2,504	2,041
41	43	96 743	26 069,205	531 013,132	20,369	19,906	91	93	2 933	159,679	374,018	2,342	1,879
42	44	96 516	25 189,413	504 943,927	20,046	19,582	92	94	1 853	97,724	214,339	2,193	1,730
43	45	96 289	24 338,971	479 754,514	19,711	19,248	93	95	1 108	56,598	116,615	2,060	1,597
44	46	96 032	23 509,946	455 415,543	19,371	18,908	94	96	624	30,866	60,017	1,944	1,481
45	47	95 752	22 703,528	431 905,596	19,024	18,560	95	97	328	15,730	29,150	1,853	1,390
46	48	95 447	21 919,046	409 202,069	18,669	18,205	96	98	164	7,619	13,421	1,762	1,298
47	49	95 106	21 153,170	387 283,023	18,309	17,845	97	99	77	3,444	5,802	1,685	1,221
48	50	94 725	20 405,142	366 129,853	17,943	17,479	98	100	34	1,461	2,358	1,613	1,150
49	51	94 302	19 674,639	345 724,711	17,572	17,108							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	2 820 670,090	28,299	27,835	50	53	93 623	18 918,131	322 135,525	17,028	16,564
1	4	99 328	96 201,582	2 720 994,554	28,284	27,821	51	54	93 091	18 218,499	303 217,394	16,643	16,180
2	5	99 295	93 142,353	2 624 792,972	28,180	27,717	52	55	92 502	17 533,477	284 998,895	16,255	15,791
3	6	99 275	90 192,383	2 531 650,619	28,069	27,606	53	56	91 846	16 861,077	267 465,417	15,863	15,399
4	7	99 256	87 336,665	2 441 458,236	27,955	27,491	54	57	91 122	16 201,653	250 604,341	15,468	15,004
5	8	99 240	84 573,889	2 354 121,571	27,835	27,371	55	58	90 325	15 554,437	234 402,688	15,070	14,606
6	9	99 224	81 898,410	2 269 547,682	27,712	27,248	56	59	89 436	14 916,643	218 848,251	14,671	14,208
7	10	99 210	79 309,136	2 187 649,272	27,584	27,120	57	60	88 458	14 289,077	203 931,607	14,272	13,808
8	11	99 194	76 800,988	2 108 340,136	27,452	26,988	58	61	87 382	13 671,012	189 561,070	13,872	13,408
9	12	99 179	74 372,139	2 031 539,148	27,316	26,852	59	62	86 223	13 065,026	175 971,519	13,469	13,005
10	13	99 165	72 020,793	1 957 167,009	27,175	26,711	60	63	84 951	12 467,029	162 906,493	13,067	12,603
11	14	99 150	69 743,088	1 885 146,216	27,030	26,566	61	64	83 570	11 878,394	150 439,464	12,665	12,201
12	15	99 134	67 536,886	1 815 403,128	26,880	26,417	62	65	82 072	11 298,300	138 561,070	12,264	11,800
13	16	99 114	65 397,664	1 747 866,242	26,727	26,263	63	66	80 458	10 727,390	127 262,770	11,863	11,400
14	17	99 092	63 325,160	1 682 468,578	26,569	26,105	64	67	78 720	10 165,317	116 535,380	11,464	11,000
15	18	99 067	61 316,346	1 619 143,418	26,406	25,943	65	68	76 881	9 615,367	106 370,063	11,063	10,599
16	19	99 035	59 367,424	1 557 827,072	26,240	25,777	66	69	74 928	9 076,167	96 754,696	10,660	10,197
17	20	98 996	57 476,118	1 498 459,648	26,071	25,607	67	70	72 819	8 543,009	87 678,529	10,263	9,800
18	21	98 954	55 642,991	1 440 983,530	25,897	25,433	68	71	70 605	8 022,526	79 135,520	9,864	9,401
19	22	98 899	53 861,567	1 385 340,539	25,720	25,257	69	72	68 262	7 512,180	71 112,994	9,466	9,003
20	23	98 842	52 136,367	1 331 478,972	25,538	25,075	70	73	65 824	7 015,863	63 600,814	9,065	8,602
21	24	98 785	50 466,179	1 279 342,605	25,350	24,887	71	74	63 266	6 530,900	56 584,951	8,664	8,201
22	25	98 729	48 849,861	1 228 876,426	25,156	24,693	72	75	60 566	6 055,386	50 054,051	8,266	7,802
23	26	98 668	47 283,185	1 180 026,565	24,957	24,493	73	76	57 787	5 595,736	43 998,665	7,863	7,399
24	27	98 609	45 767,424	1 132 743,380	24,750	24,286	74	77	54 878	5 146,774	38 402,930	7,462	6,998
25	28	98 544	44 297,231	1 086 975,930	24,538	24,075	75	78	51 894	4 713,720	33 256,156	7,055	6,592
26	29	98 477	42 873,731	1 042 678,699	24,320	23,856	76	79	48 754	4 289,075	28 542,436	6,655	6,191
27	30	98 409	41 495,655	999 804,968	24,094	23,631	77	80	45 482	3 875,321	24 253,361	6,258	5,795
28	31	98 337	40 160,061	958 309,313	23,862	23,399	78	81	42 112	3 475,202	20 378,039	5,864	5,400
29	32	98 260	38 865,434	918 149,252	23,624	23,160	79	82	38 603	3 085,346	16 902,838	5,478	5,015
30	33	98 178	37 610,859	879 283,818	23,378	22,915	80	83	34 968	2 706,887	13 817,492	5,105	4,641
31	34	98 092	36 394,993	841 672,959	23,126	22,662	81	84	31 195	2 338,797	11 110,605	4,751	4,287
32	35	97 998	35 215,718	805 277,966	22,867	22,403	82	85	27 389	1 988,778	8 771,809	4,411	3,947
33	36	97 893	34 070,480	770 062,248	22,602	22,138	83	86	23 610	1 660,404	6 783,030	4,085	3,622
34	37	97 777	32 959,185	735 991,768	22,330	21,867	84	87	19 890	1 354,792	5 122,627	3,781	3,317
35	38	97 659	31 883,188	703 032,583	22,050	21,587	85	88	16 314	1 076,226	3 767,835	3,501	3,037
36	39	97 532	30 839,190	671 149,395	21,763	21,299	86	89	12 991	830,058	2 691,608	3,243	2,779
37	40	97 382	29 822,671	640 310,205	21,471	21,007	87	90	10 020	620,065	1 861,551	3,002	2,539
38	41	97 223	28 836,861	610 487,534	21,170	20,707	88	91	7 443	446,107	1 241,486	2,783	2,319
39	42	97 053	27 880,336	581 650,673	20,862	20,399	89	92	5 297	307,495	795,379	2,587	2,123
40	43	96 863	26 949,806	553 770,337	20,548	20,085	90	93	3 591	201,893	487,884	2,417	1,953
41	44	96 657	26 045,855	526 820,531	20,227	19,763	91	94	2 318	126,233	285,991	2,266	1,802
42	45	96 425	25 165,587	500 774,676	19,899	19,436	92	95	1 428	75,301	159,758	2,122	1,658
43	46	96 185	24 312,791	475 609,089	19,562	19,098	93	96	826	42,208	84,458	2,001	1,537
44	47	95 918	23 482,106	451 296,298	19,219	18,755	94	97	450	22,245	42,250	1,899	1,436
45	48	95 627	22 674,027	427 814,192	18,868	18,404	95	98	232	11,094	20,005	1,803	1,340
46	49	95 303	21 885,792	405 140,164	18,512	18,048	96	99	112	5,188	8,911	1,718	1,254
47	50	94 946	21 117,547	383 254,372	18,149	17,685	97	100	50	2,262	3,723	1,646	1,182
48	51	94 550	20 367,517	362 136,826	17,780	17,316							
49	52	94 106	19 633,784	341 769,309	17,407	16,944							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	2 815 719,466	28,252	27,788	50	54	93 391	18 871,241	317 941,096	16,848	16,384
1	5	99 319	96 192,726	2 716 053,867	28,236	27,772	51	55	92 834	18 168,320	299 069,856	16,461	15,997
2	6	99 288	93 136,024	2 619 861,141	28,129	27,666	52	56	92 214	17 478,907	280 901,535	16,071	15,607
3	7	99 268	90 185,797	2 526 725,116	28,017	27,553	53	57	91 535	16 804,059	263 422,629	15,676	15,213
4	8	99 251	87 332,505	2 436 539,319	27,900	27,436	54	58	90 780	16 140,795	246 618,569	15,279	14,816
5	9	99 233	84 567,794	2 349 206,814	27,779	27,315	55	59	89 948	15 489,519	230 477,774	14,880	14,416
6	10	99 219	81 894,057	2 264 639,020	27,653	27,190	56	60	89 022	14 847,513	214 988,255	14,480	14,016
7	11	99 204	79 304,727	2 182 744,963	27,524	27,060	57	61	88 005	14 215,819	200 140,742	14,079	13,615
8	12	99 187	76 795,087	2 103 440,235	27,390	26,927	58	62	86 894	13 594,643	185 924,923	13,676	13,213
9	13	99 173	74 367,439	2 026 645,154	27,252	26,788	59	63	85 695	12 985,043	172 330,280	13,271	12,808
10	14	99 157	72 015,101	1 952 277,715	27,109	26,646	60	64	84 376	12 382,750	159 345,237	12,868	12,405
11	15	99 141	69 736,654	1 880 262,614	26,962	26,499	61	65	82 951	11 790,389	146 962,487	12,465	12,001
12	16	99 122	67 529,067	1 810 525,960	26,811	26,347	62	66	81 415	11 207,759	135 172,098	12,061	11,597
13	17	99 101	65 389,304	1 742 996,894	26,656	26,192	63	67	79 753	10 633,442	123 964,339	11,658	11,194
14	18	99 079	63 316,950	1 677 607,590	26,495	26,032	64	68	77 983	10 070,190	113 330,897	11,254	10,790
15	19	99 050	61 306,393	1 614 290,640	26,332	25,868	65	69	76 097	9 517,252	103 260,706	10,850	10,386
16	20	99 019	59 357,666	1 552 984,247	26,163	25,700	66	70	74 063	8 971,371	93 743,455	10,449	9,986
17	21	98 980	57 466,711	1 493 626,581	25,991	25,528	67	71	71 905	8 435,779	84 772,084	10,049	9,585
18	22	98 937	55 633,543	1 436 159,870	25,815	25,351	68	72	69 630	7 911,699	76 336,304	9,649	9,185
19	23	98 882	53 852,530	1 380 526,328	25,635	25,172	69	73	67 242	7 399,888	68 424,605	9,247	8,783
20	24	98 826	52 127,840	1 326 673,798	25,450	24,987	70	74	64 723	6 898,445	61 024,717	8,846	8,383
21	25	98 769	50 457,889	1 274 545,958	25,260	24,796	71	75	62 115	6 412,089	54 126,272	8,441	7,978
22	26	98 710	48 840,364	1 224 088,068	25,063	24,599	72	76	59 347	5 933,551	47 714,182	8,041	7,578
23	27	98 651	47 274,757	1 175 247,705	24,860	24,396	73	77	56 507	5 471,797	41 780,631	7,636	7,172
24	28	98 589	45 757,851	1 127 972,948	24,651	24,187	74	78	53 564	5 023,568	36 308,834	7,228	6,764
25	29	98 520	44 286,688	1 082 215,097	24,437	23,973	75	79	50 482	4 585,471	31 285,266	6,823	6,359
26	30	98 452	42 863,152	1 037 928,409	24,215	23,751	76	80	47 252	4 156,936	26 699,795	6,423	5,959
27	31	98 381	41 483,920	995 065,257	23,987	23,523	77	81	43 879	3 738,672	22 542,859	6,030	5,566
28	32	98 305	40 147,130	953 581,337	23,752	23,289	78	82	40 410	3 334,750	18 804,187	5,639	5,175
29	33	98 227	38 852,379	913 434,207	23,510	23,047	79	83	36 788	2 940,327	15 469,437	5,261	4,798
30	34	98 144	37 597,686	874 581,829	23,262	22,798	80	84	33 038	2 557,478	12 529,109	4,899	4,435
31	35	98 055	36 381,098	836 984,142	23,006	22,542	81	85	29 205	2 189,609	9 971,632	4,554	4,090
32	36	97 953	35 199,274	800 603,044	22,745	22,281	82	86	25 370	1 842,218	7 782,022	4,224	3,761
33	37	97 846	34 054,234	765 403,770	22,476	22,012	83	87	21 596	1 518,807	5 939,804	3,911	3,447
34	38	97 728	32 942,543	731 349,536	22,201	21,737	84	88	17 919	1 220,539	4 420,998	3,622	3,159
35	39	97 605	31 865,522	698 406,994	21,917	21,454	85	89	14 466	954,286	3 200,459	3,354	2,890
36	40	97 468	30 819,124	666 541,472	21,628	21,164	86	90	11 318	723,141	2 246,173	3,106	2,643
37	41	97 320	29 803,789	635 722,348	21,330	20,867	87	91	8 546	528,843	1 523,032	2,880	2,416
38	42	97 152	28 815,725	605 918,558	21,027	20,564	88	92	6 208	372,085	994,189	2,672	2,208
39	43	96 975	27 857,841	577 102,833	20,716	20,252	89	93	4 302	249,702	622,104	2,491	2,028
40	44	96 776	26 925,667	549 244,993	20,399	19,935	90	94	2 839	159,605	372,401	2,333	1,870
41	45	96 565	26 021,219	522 319,325	20,073	19,609	91	95	1 786	97,268	212,797	2,188	1,724
42	46	96 321	25 138,518	496 298,106	19,743	19,279	92	96	1 065	56,155	115,529	2,057	1,594
43	47	96 071	24 284,000	471 159,588	19,402	18,938	93	97	596	30,419	59,374	1,952	1,488
44	48	95 793	23 451,594	446 875,588	19,055	18,592	94	98	317	15,688	28,955	1,846	1,382
45	49	95 482	22 639,628	423 423,994	18,703	18,239	95	99	158	7,554	13,266	1,756	1,292
46	50	95 142	21 848,935	400 784,366	18,343	17,880	96	100	73	3,407	5,712	1,676	1,213
47	51	94 771	21 078,608	378 935,431	17,977	17,514							
48	52	94 354	20 325,223	357 856,823	17,607	17,143							
49	53	93 898	19 590,503	337 531,599	17,229	16,766							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	2 810 418,264	28,201	27,737	50	55	93 133	18 819,264	313 459,827	16,656	16,193
1	6	99 312	96 186,191	2 710 761,840	28,182	27,719	51	56	92 545	18 111,774	294 640,563	16,268	15,804
2	7	99 281	93 129,224	2 614 575,649	28,075	27,611	52	57	91 902	17 419,800	276 528,789	15,874	15,411
3	8	99 263	90 181,502	2 521 446,425	27,960	27,496	53	58	91 191	16 740,938	259 108,989	15,478	15,014
4	9	99 244	87 326,211	2 431 264,923	27,841	27,378	54	59	90 401	16 073,430	242 368,050	15,079	14,615
5	10	99 228	84 563,299	2 343 938,712	27,718	27,255	55	60	89 531	15 417,734	226 294,620	14,678	14,214
6	11	99 213	81 889,504	2 259 375,413	27,591	27,127	56	61	88 566	14 771,392	210 876,887	14,276	13,812
7	12	99 196	79 298,628	2 177 485,908	27,459	26,996	57	62	87 513	14 136,407	196 105,494	13,872	13,409
8	13	99 181	76 790,229	2 098 187,280	27,324	26,860	58	63	86 362	13 511,418	181 969,087	13,468	13,004
9	14	99 165	74 361,561	2 021 397,052	27,183	26,720	59	64	85 116	12 897,262	168 457,669	13,062	12,598
10	15	99 148	72 008,458	1 947 035,491	27,039	26,575	60	65	83 751	12 291,008	155 560,407	12,656	12,193
11	16	99 129	69 728,580	1 875 027,033	26,890	26,427	61	66	82 286	11 695,905	143 269,399	12,250	11,786
12	17	99 110	67 520,434	1 805 298,453	26,737	26,273	62	67	80 702	11 109,604	131 573,494	11,843	11,380
13	18	99 088	65 380,826	1 737 778,019	26,579	26,116	63	68	79 007	10 533,935	120 463,890	11,436	10,972
14	19	99 063	63 306,672	1 672 397,193	26,417	25,954	64	69	77 188	9 967,434	109 929,955	11,029	10,565
15	20	99 034	61 296,317	1 609 090,521	26,251	25,787	65	70	75 218	9 407,363	99 962,521	10,626	10,162
16	21	99 003	59 347,961	1 547 794,205	26,080	25,616	66	71	73 134	8 858,764	90 555,158	10,222	9,758
17	22	98 963	57 456,953	1 488 446,255	25,905	25,442	67	72	70 912	8 319,243	81 696,394	9,820	9,357
18	23	98 920	55 624,209	1 430 989,302	25,726	25,262	68	73	68 589	7 793,436	73 377,150	9,415	8,952
19	24	98 866	53 843,722	1 375 365,093	25,544	25,080	69	74	66 116	7 276,044	65 583,715	9,014	8,550
20	25	98 810	52 119,277	1 321 521,371	25,356	24,892	70	75	63 545	6 772,948	58 307,671	8,609	8,145
21	26	98 750	50 448,079	1 269 402,094	25,163	24,699	71	76	60 865	6 283,078	51 534,723	8,202	7,739
22	27	98 692	48 831,658	1 218 954,015	24,962	24,499	72	77	58 033	5 802,130	45 251,645	7,799	7,336
23	28	98 630	47 264,841	1 170 122,356	24,757	24,293	73	78	55 155	5 340,810	39 449,515	7,386	6,923
24	29	98 565	45 746,961	1 122 857,515	24,545	24,081	74	79	52 107	4 886,890	34 108,704	6,980	6,516
25	30	98 496	44 275,760	1 077 110,554	24,327	23,864	75	80	48 927	4 444,200	29 221,814	6,575	6,112
26	31	98 424	42 851,031	1 032 834,794	24,103	23,639	76	81	45 586	4 010,356	24 777,614	6,178	5,715
27	32	98 349	41 470,562	989 983,764	23,872	23,408	77	82	42 105	3 587,572	20 767,258	5,789	5,325
28	33	98 272	40 133,644	948 513,201	23,634	23,170	78	83	38 511	3 178,009	17 179,686	5,406	4,942
29	34	98 192	38 838,772	908 379,558	23,388	22,925	79	84	34 758	2 778,034	14 001,677	5,040	4,577
30	35	98 106	37 583,332	869 540,786	23,136	22,673	80	85	30 931	2 394,341	11 223,643	4,688	4,224
31	36	98 009	36 364,110	831 957,454	22,879	22,415	81	86	27 053	2 028,249	8 829,302	4,353	3,890
32	37	97 906	35 182,489	795 593,344	22,613	22,150	82	87	23 207	1 685,116	6 801,053	4,036	3,572
33	38	97 797	34 037,039	760 410,855	22,341	21,877	83	88	19 456	1 368,301	5 115,937	3,739	3,275
34	39	97 674	32 924,289	726 373,816	22,062	21,598	84	89	15 889	1 082,247	3 747,636	3,463	2,999
35	40	97 542	31 844,789	693 449,527	21,776	21,312	85	90	12 602	831,368	2 665,389	3,206	2,742
36	41	97 406	30 799,612	661 604,739	21,481	21,017	86	91	9 653	616,755	1 834,021	2,974	2,510
37	42	97 249	29 781,945	630 805,127	21,181	20,717	87	92	7 128	441,093	1 217,266	2,760	2,296
38	43	97 074	28 792,475	601 023,182	20,874	20,411	88	93	5 041	302,153	776,173	2,569	2,105
39	44	96 888	27 832,888	572 230,707	20,560	20,096	89	94	3 401	197,400	474,020	2,401	1,938
40	45	96 685	26 900,200	544 397,819	20,238	19,774	90	95	2 188	122,982	276,620	2,249	1,786
41	46	96 461	25 993,229	517 497,619	19,909	19,445	91	96	1 332	72,537	153,637	2,118	1,654
42	47	96 207	25 108,749	491 504,390	19,575	19,111	92	97	767	40,470	81,100	2,004	1,540
43	48	95 946	24 252,446	466 395,641	19,231	18,767	93	98	420	21,453	40,630	1,894	1,430
44	49	95 648	23 416,016	442 143,195	18,882	18,418	94	99	216	10,683	19,177	1,795	1,331
45	50	95 321	22 601,502	418 727,179	18,527	18,063	95	100	104	4,961	8,493	1,712	1,248
46	51	94 967	21 808,648	396 125,677	18,164	17,700							
47	52	94 574	21 034,838	374 317,029	17,795	17,331							
48	53	94 146	20 280,418	353 282,191	17,420	16,956							
49	54	93 666	19 541,946	333 001,773	17,040	16,577							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	2 804 752,301	28,146	27,683	50	56	92 844	18 760,691	308 685,735	16,454	15,990
1	7	99 305	96 179,168	2 705 102,648	28,126	27,662	51	57	92 232	18 050,527	289 925,044	16,062	15,598
2	8	99 276	93 124,788	2 608 923,480	28,015	27,552	52	58	91 557	17 354,366	271 874,517	15,666	15,202
3	9	99 256	90 175,003	2 515 798,692	27,899	27,435	53	59	90 811	16 671,069	254 520,150	15,267	14,804
4	10	99 239	87 321,570	2 425 623,690	27,778	27,314	54	60	89 982	15 998,938	237 849,082	14,867	14,403
5	11	99 222	84 558,598	2 338 302,120	27,653	27,189	55	61	89 072	15 338,690	221 850,143	14,463	14,000
6	12	99 205	81 883,207	2 253 743,522	27,524	27,060	56	62	88 071	14 688,877	206 511,453	14,059	13,595
7	13	99 190	79 293,617	2 171 860,315	27,390	26,926	57	63	86 977	14 049,865	191 822,576	13,653	13,189
8	14	99 173	76 784,159	2 092 566,698	27,253	26,789	58	64	85 779	13 420,078	177 772,711	13,247	12,783
9	15	99 156	74 354,701	2 015 782,539	27,110	26,647	59	65	84 485	12 801,708	164 352,633	12,838	12,375
10	16	99 137	72 000,121	1 941 427,838	26,964	26,501	60	66	83 080	12 192,512	151 550,924	12,430	11,966
11	17	99 117	69 719,666	1 869 427,717	26,813	26,350	61	67	81 566	11 593,475	139 358,413	12,020	11,557
12	18	99 097	67 511,680	1 799 708,051	26,658	26,194	62	68	79 946	11 005,641	127 764,938	11,609	11,145
13	19	99 072	65 370,213	1 732 196,371	26,498	26,035	63	69	78 201	10 426,447	116 759,297	11,198	10,735
14	20	99 046	63 296,266	1 666 826,158	26,334	25,870	64	70	76 296	9 852,348	106 332,849	10,793	10,329
15	21	99 018	61 286,283	1 603 529,891	26,165	25,701	65	71	74 274	9 289,284	96 480,502	10,386	9,923
16	22	98 986	59 337,873	1 542 243,608	25,991	25,527	66	72	72 123	8 736,385	87 191,218	9,980	9,517
17	23	98 947	57 447,313	1 482 905,735	25,813	25,350	67	73	69 852	8 194,888	78 454,833	9,574	9,110
18	24	98 904	55 615,111	1 425 458,422	25,631	25,167	68	74	67 441	7 663,005	70 259,945	9,169	8,705
19	25	98 850	53 834,877	1 369 843,311	25,445	24,982	69	75	64 914	7 143,677	62 596,941	8,763	8,299
20	26	98 790	52 109,144	1 316 008,434	25,255	24,791	70	76	62 267	6 636,676	55 453,264	8,356	7,892
21	27	98 732	50 439,088	1 263 899,290	25,058	24,594	71	77	59 517	6 143,915	48 816,587	7,946	7,482
22	28	98 671	48 821,416	1 213 460,203	24,855	24,391	72	78	56 643	5 663,236	42 672,672	7,535	7,071
23	29	98 607	47 253,593	1 164 638,786	24,647	24,183	73	79	53 654	5 195,500	37 009,436	7,123	6,660
24	30	98 541	45 735,672	1 117 385,194	24,431	23,968	74	80	50 502	4 736,333	31 813,935	6,717	6,253
25	31	98 468	44 263,239	1 071 649,522	24,211	23,747	75	81	47 202	4 287,491	27 077,603	6,315	5,852
26	32	98 393	42 837,232	1 027 386,282	23,983	23,520	76	82	43 743	3 848,276	22 790,112	5,922	5,459
27	33	98 316	41 456,632	984 549,050	23,749	23,285	77	83	40 126	3 418,948	18 941,835	5,540	5,077
28	34	98 238	40 119,588	943 092,418	23,507	23,043	78	84	36 385	3 002,596	15 522,887	5,170	4,706
29	35	98 155	38 823,943	902 972,830	23,258	22,795	79	85	32 541	2 600,828	12 520,291	4,814	4,350
30	36	98 061	37 565,783	864 148,887	23,004	22,540	80	86	28 651	2 217,893	9 919,462	4,472	4,009
31	37	97 962	36 346,770	826 583,104	22,742	22,278	81	87	24 746	1 855,283	7 701,569	4,151	3,688
32	38	97 856	35 164,724	790 236,334	22,472	22,009	82	88	20 907	1 518,130	5 846,286	3,851	3,387
33	39	97 742	34 018,178	755 071,610	22,196	21,732	83	89	17 252	1 213,267	4 328,156	3,567	3,104
34	40	97 610	32 902,867	721 053,431	21,915	21,451	84	90	13 842	942,847	3 114,889	3,304	2,840
35	41	97 480	31 824,627	688 150,565	21,623	21,160	85	91	10 748	709,059	2 172,043	3,063	2,600
36	42	97 335	30 777,038	656 325,938	21,325	20,862	86	92	8 051	514,418	1 462,983	2,844	2,380
37	43	97 171	29 757,915	625 548,900	21,021	20,558	87	93	5 788	358,191	948,565	2,648	2,185
38	44	96 987	28 766,685	595 790,985	20,711	20,248	88	94	3 985	238,865	590,374	2,472	2,008
39	45	96 797	27 806,563	567 024,299	20,392	19,928	89	95	2 620	152,105	351,509	2,311	1,847
40	46	96 581	26 871,264	539 217,737	20,067	19,603	90	96	1 631	91,714	199,404	2,174	1,711
41	47	96 347	25 962,448	512 346,472	19,734	19,271	91	97	960	52,277	107,690	2,060	1,596
42	48	96 082	25 076,123	486 384,024	19,396	18,933	92	98	541	28,542	55,414	1,941	1,478
43	49	95 801	24 215,652	461 307,901	19,050	18,586	93	99	286	14,609	26,872	1,839	1,376
44	50	95 487	23 376,582	437 092,248	18,698	18,234	94	100	142	7,016	12,263	1,748	1,284
45	51	95 146	22 559,827	413 715,667	18,339	17,875							
46	52	94 770	21 763,362	391 155,840	17,973	17,510							
47	53	94 366	20 988,468	369 392,478	17,600	17,136							
48	54	93 912	20 230,152	348 404,009	17,222	16,758							
49	55	93 408	19 488,123	328 173,858	16,840	16,376							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	2 798 706,395	28,088	27,624	50	57	92 530	18 697,250	303 615,385	16,239	15,775
1	8	99 300	96 174,587	2 699 064,018	28,064	27,601	51	58	91 886	17 982,724	284 918,134	15,844	15,380
2	9	99 269	93 118,077	2 602 889,431	27,953	27,489	52	59	91 175	17 281,937	266 935,410	15,446	14,982
3	10	99 251	90 170,210	2 509 771,354	27,834	27,370	53	60	90 390	16 593,807	249 653,473	15,045	14,581
4	11	99 233	87 316,715	2 419 601,144	27,711	27,247	54	61	89 520	15 916,915	233 059,666	14,642	14,179
5	12	99 214	84 552,095	2 332 284,429	27,584	27,120	55	62	88 575	15 253,005	217 142,751	14,236	13,772
6	13	99 199	81 878,032	2 247 732,334	27,452	26,989	56	63	87 532	14 598,953	201 889,746	13,829	13,365
7	14	99 182	79 287,350	2 165 854,302	27,317	26,853	57	64	86 389	13 954,886	187 290,793	13,421	12,958
8	15	99 164	76 777,076	2 086 566,952	27,177	26,713	58	65	85 143	13 320,651	173 335,908	13,013	12,549
9	16	99 145	74 346,092	2 009 789,877	27,033	26,569	59	66	83 808	12 699,119	160 015,256	12,601	12,137
10	17	99 124	71 990,916	1 935 443,784	26,885	26,421	60	67	82 352	12 085,733	147 316,137	12,189	11,726
11	18	99 104	69 710,627	1 863 452,868	26,731	26,268	61	68	80 802	11 484,984	135 230,404	11,775	11,311
12	19	99 081	67 500,721	1 793 742,241	26,574	26,110	62	69	79 131	10 893,340	123 745,420	11,360	10,896
13	20	99 056	65 359,469	1 726 241,520	26,411	25,948	63	70	77 298	10 306,060	112 852,080	10,950	10,486
14	21	99 030	63 285,906	1 660 882,051	26,244	25,780	64	71	75 339	9 728,683	102 546,020	10,541	10,077
15	22	99 001	61 275,877	1 597 596,145	26,072	25,609	65	72	73 248	9 160,957	92 817,336	10,132	9,668
16	23	98 969	59 327,917	1 536 320,268	25,895	25,432	66	73	71 045	8 605,794	83 656,380	9,721	9,257
17	24	98 930	57 437,917	1 476 992,351	25,715	25,251	67	74	68 683	8 057,738	75 050,585	9,314	8,850
18	25	98 888	55 605,975	1 419 554,434	25,529	25,065	68	75	66 214	7 523,598	66 992,847	8,904	8,441
19	26	98 830	53 824,411	1 363 948,459	25,341	24,877	69	76	63 608	6 999,946	59 469,249	8,496	8,032
20	27	98 773	52 099,856	1 310 124,048	25,146	24,683	70	77	60 887	6 489,682	52 469,303	8,085	7,621
21	28	98 711	50 428,508	1 258 024,191	24,947	24,483	71	78	58 092	5 996,840	45 979,621	7,667	7,204
22	29	98 648	48 809,797	1 207 595,683	24,741	24,277	72	79	55 102	5 509,154	39 982,781	7,258	6,794
23	30	98 582	47 241,932	1 158 785,886	24,529	24,065	73	80	52 001	5 035,435	34 473,627	6,846	6,383
24	31	98 513	45 722,739	1 111 543,954	24,311	23,847	74	81	48 721	4 569,322	29 438,192	6,443	5,979
25	32	98 436	44 248,986	1 065 821,215	24,087	23,623	75	82	45 294	4 114,211	24 868,870	6,045	5,581
26	33	98 360	42 822,843	1 021 572,229	23,856	23,392	76	83	41 687	3 667,399	20 754,659	5,659	5,196
27	34	98 282	41 442,113	978 749,386	23,617	23,154	77	84	37 911	3 230,236	17 087,260	5,290	4,826
28	35	98 200	40 104,271	937 307,273	23,372	22,908	78	85	34 064	2 811,067	13 857,024	4,929	4,466
29	36	98 109	38 805,815	897 203,003	23,120	22,657	79	86	30 143	2 409,164	11 045,957	4,585	4,121
30	37	98 014	37 547,869	858 397,188	22,861	22,398	80	87	26 208	2 028,755	8 636,794	4,257	3,794
31	38	97 913	36 328,417	820 849,319	22,595	22,132	81	88	22 294	1 671,434	6 608,039	3,954	3,490
32	39	97 802	35 145,239	784 520,901	22,322	21,859	82	89	18 538	1 346,120	4 936,605	3,667	3,204
33	40	97 679	33 996,045	749 375,662	22,043	21,579	83	90	15 030	1 056,991	3 590,485	3,397	2,933
34	41	97 549	32 882,035	715 379,617	21,756	21,292	84	91	11 806	804,138	2 533,495	3,151	2,687
35	42	97 409	31 801,301	682 497,582	21,461	20,998	85	92	8 965	591,406	1 729,357	2,924	2,461
36	43	97 256	30 752,205	650 696,281	21,159	20,696	86	93	6 538	417,735	1 137,950	2,724	2,260
37	44	97 084	29 731,261	619 944,076	20,852	20,388	87	94	4 576	283,165	720,215	2,543	2,080
38	45	96 895	28 739,477	590 212,815	20,537	20,073	88	95	3 071	184,056	437,050	2,375	1,911
39	46	96 692	27 776,652	561 473,338	20,214	19,750	89	96	1 954	113,432	252,994	2,230	1,767
40	47	96 466	26 839,444	533 696,686	19,885	19,421	90	97	1 176	66,097	139,562	2,111	1,648
41	48	96 222	25 928,714	506 857,242	19,548	19,084	91	98	677	36,869	73,465	1,993	1,529
42	49	95 936	25 038,080	480 928,529	19,208	18,744	92	99	369	19,436	36,597	1,883	1,419
43	50	95 639	24 174,872	455 890,449	18,858	18,394	93	100	188	9,594	17,160	1,789	1,325
44	51	95 311	23 333,478	431 715,577	18,502	18,038							
45	52	94 948	22 512,981	408 382,099	18,140	17,676							
46	53	94 561	21 715,387	385 869,118	17,769	17,306							
47	54	94 132	20 936,447	364 153,732	17,393	16,930							
48	55	93 654	20 174,432	343 217,285	17,012	16,549							
49	56	93 117	19 427,468	323 042,853	16,628	16,165							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	2 792 268,968	28,024	27,561	50	58	92 182	18 627,018	298 244,536	16,011	15,548
1	9	99 293	96 167,656	2 692 631,336	27,999	27,536	51	59	91 502	17 907,672	279 617,518	15,614	15,151
2	10	99 264	93 113,128	2 596 463,681	27,885	27,421	52	60	90 752	17 201,844	261 709,846	15,214	14,750
3	11	99 245	90 165,197	2 503 350,553	27,764	27,300	53	61	89 926	16 508,734	244 508,002	14,811	14,347
4	12	99 226	87 310,000	2 413 185,356	27,639	27,176	54	62	89 020	15 828,000	227 999,268	14,405	13,941
5	13	99 208	84 546,752	2 325 875,356	27,510	27,046	55	63	88 032	15 159,628	212 171,268	13,996	13,532
6	14	99 191	81 871,560	2 241 328,604	27,376	26,913	56	64	86 940	14 500,261	197 011,640	13,587	13,123
7	15	99 173	79 280,035	2 159 457,044	27,238	26,775	57	65	85 749	13 851,497	182 511,379	13,176	12,713
8	16	99 152	76 768,187	2 080 177,008	27,097	26,633	58	66	84 461	13 213,904	168 659,882	12,764	12,300
9	17	99 132	74 336,588	2 003 408,821	26,951	26,487	59	67	83 074	12 587,904	155 445,978	12,349	11,885
10	18	99 111	71 981,583	1 929 072,233	26,800	26,336	60	68	81 582	11 972,635	142 858,075	11,932	11,468
11	19	99 088	69 699,312	1 857 090,651	26,644	26,181	61	69	79 978	11 367,791	130 885,439	11,514	11,050
12	20	99 064	67 489,626	1 787 391,339	26,484	26,020	62	70	78 217	10 767,562	119 517,648	11,100	10,636
13	21	99 039	65 348,771	1 719 901,713	26,319	25,855	63	71	76 327	10 176,701	108 750,086	10,686	10,223
14	22	99 013	63 275,160	1 654 552,942	26,149	25,685	64	72	74 298	9 594,286	98 573,385	10,274	9,811
15	23	98 985	61 265,596	1 591 277,782	25,973	25,510	65	73	72 153	9 024,020	88 979,098	9,860	9,397
16	24	98 953	59 318,214	1 530 012,186	25,793	25,330	66	74	69 856	8 461,768	79 955,078	9,449	8,985
17	25	98 914	57 428,482	1 470 693,972	25,609	25,146	67	75	67 433	7 911,151	71 493,311	9,037	8,573
18	26	98 869	55 595,164	1 413 265,491	25,421	24,957	68	76	64 882	7 372,224	63 582,160	8,625	8,161
19	27	98 813	53 814,817	1 357 670,326	25,229	24,765	69	77	62 199	6 844,906	56 209,937	8,212	7,748
20	28	98 752	52 088,929	1 303 855,509	25,031	24,568	70	78	59 430	6 334,329	49 365,031	7,793	7,330
21	29	98 688	50 416,507	1 251 766,580	24,829	24,365	71	79	56 512	5 833,681	43 030,702	7,376	6,913
22	30	98 624	48 797,753	1 201 350,074	24,619	24,155	72	80	53 405	5 339,426	37 197,021	6,966	6,503
23	31	98 554	47 228,573	1 152 552,321	24,404	23,940	73	81	50 167	4 857,878	31 857,596	6,558	6,094
24	32	98 481	45 708,016	1 105 323,748	24,182	23,719	74	82	46 752	4 384,652	26 999,717	6,158	5,694
25	33	98 403	44 234,123	1 059 615,733	23,955	23,491	75	83	43 165	3 920,833	22 615,065	5,768	5,304
26	34	98 325	42 807,845	1 015 381,610	23,720	23,256	76	84	39 386	3 464,973	18 694,232	5,395	4,932
27	35	98 244	41 426,290	972 573,764	23,477	23,014	77	85	35 493	3 024,186	15 229,259	5,036	4,572
28	36	98 154	40 085,544	931 147,474	23,229	22,765	78	86	31 554	2 603,909	12 205,073	4,687	4,224
29	37	98 062	38 787,310	891 061,930	22,973	22,509	79	87	27 572	2 203,714	9 601,164	4,357	3,893
30	38	97 964	37 528,910	852 274,620	22,710	22,246	80	88	23 611	1 827,716	7 397,450	4,047	3,584
31	39	97 858	36 308,287	814 745,710	22,440	21,976	81	89	19 768	1 482,054	5 569,735	3,758	3,294
32	40	97 739	35 122,372	778 437,422	22,164	21,700	82	90	16 150	1 172,731	4 087,681	3,486	3,022
33	41	97 617	33 974,521	743 315,050	21,879	21,415	83	91	12 818	901,489	2 914,950	3,233	2,770
34	42	97 477	32 857,934	709 340,529	21,588	21,124	84	92	9 847	670,709	2 013,460	3,002	2,538
35	43	97 330	31 775,642	676 482,595	21,289	20,826	85	93	7 280	480,254	1 342,751	2,796	2,332
36	44	97 169	30 724,661	644 706,953	20,983	20,520	86	94	5 169	330,237	862,497	2,612	2,148
37	45	96 992	29 703,140	613 982,292	20,671	20,207	87	95	3 526	218,191	532,261	2,439	1,976
38	46	96 791	28 708,563	584 279,152	20,352	19,888	88	96	2 290	137,259	314,070	2,288	1,825
39	47	96 578	27 743,759	555 570,590	20,025	19,561	89	97	1 408	81,749	176,811	2,163	1,699
40	48	96 341	26 804,569	527 826,830	19,692	19,228	90	98	829	46,615	95,062	2,039	1,576
41	49	96 076	25 889,377	501 022,261	19,352	18,889	91	99	461	25,107	48,446	1,930	1,466
42	50	95 775	24 995,914	475 132,884	19,008	18,545	92	100	242	12,765	23,340	1,828	1,365
43	51	95 463	24 130,296	450 136,970	18,654	18,191							
44	52	95 113	23 285,025	426 006,674	18,295	17,832							
45	53	94 739	22 463,353	402 721,648	17,928	17,464							
46	54	94 326	21 661,563	380 258,295	17,555	17,091							
47	55	93 872	20 878,782	358 596,732	17,175	16,712							
48	56	93 362	20 111,642	337 717,950	16,792	16,329							
49	57	92 802	19 361,772	317 606,308	16,404	15,940							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	2 785 425,914	27,958	27,494	50	59	91 797	18 549,277	292 571,809	15,773	15,309
1	10	99 288	96 162,544	2 685 795,463	27,930	27,466	51	60	91 078	17 824,680	274 022,533	15,373	14,910
2	11	99 258	93 107,951	2 589 632,918	27,813	27,350	52	61	90 287	17 113,654	256 197,853	14,970	14,507
3	12	99 237	90 158,263	2 496 524,967	27,690	27,227	53	62	89 424	16 416,513	239 084,199	14,564	14,100
4	13	99 219	87 304,483	2 406 366,705	27,563	27,099	54	63	88 475	15 731,102	222 667,686	14,155	13,691
5	14	99 200	84 540,069	2 319 062,222	27,432	26,968	55	64	87 437	15 057,146	206 936,584	13,743	13,280
6	15	99 182	81 864,008	2 234 522,153	27,296	26,832	56	65	86 296	14 392,832	191 879,438	13,332	12,868
7	16	99 162	79 270,857	2 152 658,145	27,156	26,692	57	66	85 062	13 740,495	177 486,606	12,917	12,453
8	17	99 139	76 758,373	2 073 387,288	27,012	26,548	58	67	83 721	13 098,180	163 746,111	12,501	12,038
9	18	99 119	74 326,950	1 996 628,915	26,863	26,399	59	68	82 297	12 470,107	150 647,932	12,081	11,617
10	19	99 095	71 969,899	1 922 301,965	26,710	26,246	60	69	80 749	11 850,467	138 177,825	11,660	11,196
11	20	99 071	69 687,855	1 850 332,066	26,552	26,088	61	70	79 054	11 236,535	126 327,358	11,243	10,779
12	21	99 048	67 478,579	1 780 644,211	26,388	25,925	62	71	77 235	10 632,410	115 090,822	10,825	10,361
13	22	99 023	65 337,675	1 713 165,632	26,220	25,757	63	72	75 273	10 036,115	104 458,412	10,408	9,945
14	23	98 997	63 264,544	1 647 827,957	26,047	25,583	64	73	73 187	9 450,872	94 422,297	9,991	9,527
15	24	98 968	61 255,576	1 584 563,413	25,868	25,404	65	74	70 945	8 872,993	84 971,425	9,576	9,113
16	25	98 937	59 308,463	1 523 307,837	25,684	25,221	66	75	68 585	8 307,830	76 098,432	9,160	8,696
17	26	98 895	57 417,317	1 463 999,368	25,498	25,034	67	76	66 076	7 751,978	67 790,602	8,745	8,281
18	27	98 851	55 585,255	1 406 582,051	25,305	24,841	68	77	63 445	7 208,938	60 038,623	8,328	7,865
19	28	98 792	53 803,530	1 350 996,796	25,110	24,646	69	78	60 710	6 681,049	52 829,686	7,907	7,444
20	29	98 729	52 076,532	1 297 193,266	24,909	24,446	70	79	57 813	6 161,988	46 148,636	7,489	7,026
21	30	98 664	50 404,066	1 245 116,735	24,703	24,239	71	80	54 770	5 653,954	39 986,648	7,072	6,609
22	31	98 596	48 783,953	1 194 712,669	24,490	24,026	72	81	51 522	5 151,150	34 332,694	6,665	6,201
23	32	98 523	47 213,365	1 145 928,716	24,271	23,808	73	82	48 140	4 661,546	29 181,545	6,260	5,796
24	33	98 448	45 692,662	1 098 715,351	24,046	23,582	74	83	44 554	4 178,563	24 519,999	5,868	5,404
25	34	98 369	44 218,631	1 053 022,689	23,814	23,350	75	84	40 783	3 704,420	20 341,436	5,491	5,028
26	35	98 288	42 791,502	1 008 804,058	23,575	23,111	76	85	36 874	3 243,950	16 637,016	5,129	4,665
27	36	98 198	41 406,947	966 012,556	23,330	22,866	77	86	32 877	2 801,322	13 393,066	4,781	4,317
28	37	98 108	40 066,429	924 605,609	23,077	22,613	78	87	28 863	2 381,851	10 591,744	4,447	3,983
29	38	98 013	38 767,725	884 539,180	22,816	22,353	79	88	24 840	1 985,337	8 209,893	4,135	3,672
30	39	97 910	37 508,115	845 771,455	22,549	22,085	80	89	20 936	1 620,628	6 224,556	3,841	3,377
31	40	97 795	36 284,664	808 263,340	22,276	21,812	81	90	17 222	1 291,156	4 603,927	3,566	3,102
32	41	97 677	35 100,135	771 978,676	21,994	21,530	82	91	13 774	1 000,202	3 312,771	3,312	2,848
33	42	97 545	33 949,619	736 878,541	21,705	21,241	83	92	10 692	751,907	2 312,569	3,076	2,612
34	43	97 398	32 831,423	702 928,922	21,410	20,947	84	93	7 996	544,652	1 560,662	2,865	2,402
35	44	97 243	31 747,181	670 097,499	21,107	20,644	85	94	5 755	379,661	1 016,010	2,676	2,212
36	45	97 077	30 695,600	638 350,318	20,796	20,333	86	95	3 983	254,462	636,350	2,501	2,037
37	46	96 887	29 671,189	607 654,718	20,480	20,016	87	96	2 629	162,715	381,888	2,347	1,883
38	47	96 676	28 674,566	577 983,529	20,157	19,693	88	97	1 650	98,921	219,173	2,216	1,752
39	48	96 452	27 707,710	549 308,963	19,825	19,362	89	98	993	57,654	120,252	2,086	1,622
40	49	96 195	26 763,904	521 601,253	19,489	19,025	90	99	565	31,744	62,598	1,972	1,508
41	50	95 914	25 845,778	494 837,349	19,146	18,682	91	100	303	16,489	30,854	1,871	1,408
42	51	95 598	24 949,824	468 991,571	18,797	18,334							
43	52	95 265	24 080,189	444 041,747	18,440	17,977							
44	53	94 903	23 233,695	419 961,558	18,076	17,612							
45	54	94 504	22 407,676	396 727,862	17,705	17,241							
46	55	94 066	21 601,901	374 320,186	17,328	16,864							
47	56	93 580	20 813,799	352 718,285	16,946	16,483							
48	57	93 046	20 043,632	331 904,486	16,559	16,095							
49	58	92 454	19 289,044	311 860,853	16,168	15,704							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	2 778 168,671	27,886	27,423	50	60	91 372	18 463,311	286 597,398	15,523	15,059
1	11	99 282	96 157,198	2 678 543,516	27,856	27,392	51	61	90 611	17 733,296	268 134,088	15,120	14,657
2	12	99 251	93 100,791	2 582 386,317	27,738	27,274	52	62	89 783	17 018,053	250 400,792	14,714	14,250
3	13	99 231	90 152,565	2 489 285,527	27,612	27,148	53	63	88 877	16 316,013	233 382,738	14,304	13,840
4	14	99 212	87 297,582	2 399 132,962	27,482	27,019	54	64	87 877	15 624,757	217 066,725	13,892	13,429
5	15	99 191	84 532,270	2 311 835,379	27,349	26,885	55	65	86 789	14 945,590	201 441,968	13,478	13,015
6	16	99 171	81 854,530	2 227 303,109	27,211	26,747	56	66	85 604	14 277,492	186 496,378	13,062	12,599
7	17	99 149	79 260,723	2 145 448,579	27,068	26,605	57	67	84 317	13 620,159	172 218,886	12,644	12,181
8	18	99 127	76 748,421	2 066 187,856	26,927	26,458	58	68	82 938	12 975,608	158 598,727	12,223	11,759
9	19	99 103	74 314,885	1 989 439,435	26,770	26,307	59	69	81 457	12 342,862	145 623,119	11,798	11,335
10	20	99 079	71 958,069	1 915 124,550	26,614	26,151	60	70	79 817	11 713,638	133 280,257	11,378	10,915
11	21	99 055	69 676,449	1 843 166,481	26,453	25,990	61	71	78 062	11 095,497	121 566,619	10,956	10,493
12	22	99 031	67 467,122	1 773 490,032	26,287	25,823	62	72	76 168	10 485,529	110 471,122	10,536	10,072
13	23	99 006	65 326,712	1 706 022,910	26,115	25,652	63	73	74 148	9 886,096	99 985,593	10,114	9,650
14	24	98 981	63 254,197	1 640 696,198	25,938	25,475	64	74	71 962	9 292,702	90 099,496	9,696	9,232
15	25	98 952	61 245,514	1 577 442,001	25,756	25,292	65	75	69 655	8 711,575	80 806,795	9,276	8,812
16	26	98 918	59 296,939	1 516 196,488	25,570	25,106	66	76	67 205	8 140,677	72 095,220	8,856	8,393
17	27	98 877	57 407,083	1 456 899,549	25,378	24,915	67	77	64 613	7 580,281	63 954,543	8,437	7,973
18	28	98 830	55 573,596	1 399 492,466	25,183	24,719	68	78	61 926	7 036,367	56 374,262	8,012	7,548
19	29	98 769	53 790,725	1 343 918,870	24,984	24,521	69	79	59 058	6 499,275	49 337,895	7,591	7,128
20	30	98 704	52 063,681	1 290 128,145	24,780	24,316	70	80	56 032	5 972,147	42 838,620	7,173	6,709
21	31	98 636	50 389,812	1 238 064,464	24,570	24,106	71	81	52 839	5 454,587	36 866,473	6,759	6,295
22	32	98 564	48 768,245	1 187 674,651	24,353	23,890	72	82	49 439	4 942,964	31 411,886	6,355	5,891
23	33	98 490	47 197,506	1 138 906,407	24,131	23,667	73	83	45 877	4 442,442	26 468,922	5,958	5,495
24	34	98 414	45 676,659	1 091 708,901	23,901	23,437	74	84	42 095	3 947,924	22 026,479	5,579	5,116
25	35	98 331	44 201,748	1 046 032,242	23,665	23,201	75	85	38 181	3 468,122	18 078,556	5,213	4,749
26	36	98 242	42 771,521	1 001 830,493	23,423	22,959	76	86	34 156	3 004,891	14 610,433	4,862	4,399
27	37	98 152	41 387,202	959 058,973	23,173	22,709	77	87	30 074	2 562,430	11 605,543	4,529	4,065
28	38	98 058	40 046,198	917 671,771	22,915	22,452	78	88	26 003	2 145,822	9 043,113	4,214	3,751
29	39	97 958	38 746,244	877 625,573	22,651	22,187	79	89	22 025	1 760,390	6 897,291	3,918	3,454
30	40	97 846	37 483,710	838 879,329	22,380	21,916	80	90	18 239	1 411,881	5 136,900	3,638	3,175
31	41	97 733	36 261,691	801 395,619	22,100	21,637	81	91	14 688	1 101,205	3 725,019	3,383	2,919
32	42	97 605	35 074,409	765 133,928	21,815	21,351	82	92	11 489	834,241	2 623,814	3,145	2,682
33	43	97 467	33 922,227	730 059,519	21,522	21,058	83	93	8 682	610,589	1 789,573	2,931	2,467
34	44	97 311	32 802,016	696 137,292	21,222	20,759	84	94	6 321	430,570	1 178,984	2,738	2,275
35	45	97 151	31 717,153	663 335,276	20,914	20,450	85	95	4 435	292,545	748,414	2,558	2,095
36	46	96 973	30 662,582	631 618,123	20,599	20,135	86	96	2 970	189,764	455,869	2,402	1,939
37	47	96 773	29 636,053	600 955,542	20,278	19,814	87	97	1 895	117,267	266,105	2,269	1,806
38	48	96 550	28 637,307	571 319,488	19,950	19,487	88	98	1 164	69,765	148,839	2,133	1,670
39	49	96 306	27 665,674	542 682,181	19,616	19,152	89	99	676	39,261	79,074	2,014	1,550
40	50	96 033	26 718,832	515 016,507	19,275	18,812	90	100	371	20,848	39,813	1,910	1,446
41	51	95 737	25 798,121	488 297,675	18,928	18,464							
42	52	95 400	24 898,016	462 499,554	18,576	18,112							
43	53	95 055	24 027,106	437 601,539	18,213	17,749							
44	54	94 668	23 176,109	413 574,432	17,845	17,381							
45	55	94 244	22 345,959	390 398,324	17,471	17,007							
46	56	93 774	21 534,668	368 052,364	17,091	16,628							
47	57	93 264	20 743,416	346 517,696	16,705	16,241							
48	58	92 697	19 968,343	325 774,281	16,315	15,851							
49	59	92 068	19 208,540	305 805,938	15,920	15,457							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	2 770 484,659	27,811	27,347	50	61	90 903	18 368,653	280 322,985	15,261	14,797
1	12	99 275	96 149,803	2 670 865,042	27,778	27,315	51	62	90 105	17 634,234	261 954,332	14,855	14,391
2	13	99 244	93 094,907	2 574 715,239	27,657	27,193	52	63	89 233	16 913,870	244 320,097	14,445	13,981
3	14	99 223	90 145,439	2 481 620,332	27,529	27,065	53	64	88 276	16 205,714	227 406,227	14,032	13,569
4	15	99 202	87 289,529	2 391 474,892	27,397	26,933	54	65	87 226	15 508,997	211 200,513	13,618	13,154
5	16	99 180	84 522,484	2 304 185,363	27,261	26,798	55	66	86 094	14 825,821	195 691,517	13,199	12,736
6	17	99 158	81 844,066	2 219 662,879	27,121	26,657	56	67	84 855	14 152,453	180 865,696	12,780	12,316
7	18	99 136	79 250,447	2 137 818,813	26,975	26,512	57	68	83 528	13 492,703	166 713,243	12,356	11,892
8	19	99 110	76 735,963	2 058 568,367	26,827	26,365	58	69	82 091	12 843,205	153 220,540	11,930	11,466
9	20	99 087	74 302,670	1 981 832,404	26,672	26,209	59	70	80 517	12 200,348	140 377,335	11,506	11,042
10	21	99 062	71 946,291	1 907 529,733	26,513	26,050	60	71	78 815	11 566,611	128 176,987	11,082	10,618
11	22	99 038	69 664,618	1 835 583,443	26,349	25,885	61	72	76 984	10 942,218	116 610,376	10,657	10,193
12	23	99 015	67 455,802	1 765 918,825	26,179	25,715	62	73	75 030	10 328,792	105 668,158	10,230	9,767
13	24	98 990	65 316,028	1 698 463,023	26,004	25,540	63	74	72 907	9 720,642	95 339,366	9,808	9,344
14	25	98 964	63 243,806	1 633 146,995	25,823	25,359	64	75	70 653	9 123,648	85 618,723	9,384	8,921
15	26	98 933	61 233,607	1 569 903,189	25,638	25,174	65	76	68 253	8 536,298	76 495,075	8,961	8,498
16	27	98 900	59 286,370	1 508 669,583	25,447	24,984	66	77	65 717	7 960,370	67 958,777	8,537	8,074
17	28	98 857	57 395,042	1 449 383,213	25,253	24,789	67	78	63 066	7 398,821	59 998,407	8,109	7,646
18	29	98 807	55 560,370	1 391 988,171	25,054	24,590	68	79	60 241	6 844,925	52 599,586	7,684	7,221
19	30	98 744	53 777,451	1 336 427,801	24,851	24,387	69	80	57 239	6 299,043	45 754,661	7,264	6,800
20	31	98 676	52 048,958	1 282 650,349	24,643	24,180	70	81	54 056	5 761,560	39 455,618	6,848	6,384
21	32	98 604	50 373,586	1 230 601,391	24,429	23,966	71	82	50 704	5 234,139	33 694,058	6,437	5,974
22	33	98 531	48 751,863	1 180 227,804	24,209	23,745	72	83	47 115	4 710,634	28 459,920	6,042	5,578
23	34	98 455	47 180,976	1 131 475,941	23,982	23,518	73	84	43 345	4 197,238	23 749,286	5,658	5,195
24	35	98 376	45 659,220	1 084 294,966	23,748	23,284	74	85	39 410	3 696,094	19 552,048	5,290	4,826
25	36	98 285	44 181,109	1 038 635,745	23,509	23,045	75	86	35 367	3 212,543	15 855,955	4,936	4,472
26	37	98 195	42 751,125	994 454,636	23,261	22,798	76	87	31 244	2 748,638	12 643,411	4,600	4,136
27	38	98 102	41 366,304	951 703,512	23,007	22,543	77	88	27 094	2 308,506	9 894,773	4,286	3,823
28	39	98 004	40 024,009	910 337,208	22,745	22,281	78	89	23 056	1 902,692	7 586,267	3,987	3,523
29	40	97 895	38 721,033	870 313,199	22,476	22,013	79	90	19 188	1 533,641	5 683,575	3,706	3,242
30	41	97 784	37 459,978	831 592,166	22,199	21,736	80	91	15 556	1 204,169	4 149,934	3,446	2,983
31	42	97 661	36 235,113	794 132,187	21,916	21,452	81	92	12 251	918,484	2 945,764	3,207	2,744
32	43	97 526	35 046,109	757 897,074	21,626	21,162	82	93	9 330	677,449	2 027,280	2,993	2,529
33	44	97 379	33 891,843	722 850,965	21,328	20,865	83	94	6 864	482,696	1 349,832	2,796	2,333
34	45	97 219	32 770,990	688 959,122	21,023	20,560	84	95	4 871	331,773	867,136	2,614	2,150
35	46	97 046	31 683,036	656 188,132	20,711	20,247	85	96	3 307	218,164	535,363	2,454	1,990
36	47	96 858	30 626,271	624 505,096	20,391	19,928	86	97	2 140	136,760	317,199	2,319	1,856
37	48	96 647	29 597,545	593 878,825	20,065	19,602	87	98	1 336	82,703	180,438	2,182	1,718
38	49	96 404	28 593,861	564 281,280	19,734	19,271	88	99	793	47,508	97,735	2,057	1,594
39	50	96 144	27 619,084	535 687,418	19,396	18,932	89	100	444	25,785	50,226	1,948	1,484
40	51	95 856	26 669,565	508 068,335	19,050	18,587							
41	52	95 538	25 744,551	481 398,770	18,699	18,235							
42	53	95 189	24 843,130	455 654,219	18,341	17,878							
43	54	94 819	23 967,553	430 811,089	17,975	17,511							
44	55	94 407	23 112,276	406 843,536	17,603	17,139							
45	56	93 950	22 276,410	383 731,261	17,226	16,762							
46	57	93 457	21 461,847	361 454,851	16,842	16,378							
47	58	92 913	20 665,497	339 993,004	16,452	15,989							
48	59	92 310	19 885,003	319 327,506	16,059	15,595							
49	60	91 641	19 119,518	299 442,503	15,662	15,198							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	2 762 363,673	27,731	27,268	50	62	90 396	18 266,042	273 751,398	14,987	14,523
1	13	99 268	96 143,727	2 662 751,717	27,696	27,232	51	63	89 554	17 526,279	255 485,355	14,577	14,114
2	14	99 237	93 087,549	2 566 607,990	27,572	27,108	52	64	88 630	16 799,530	237 959,076	14,165	13,701
3	15	99 214	90 137,123	2 473 520,442	27,442	26,978	53	65	87 622	16 085,649	221 159,547	13,749	13,285
4	16	99 191	87 279,423	2 383 383,318	27,308	26,844	54	66	86 527	15 384,712	205 073,898	13,330	12,866
5	17	99 167	84 511,679	2 296 103,895	27,169	26,705	55	67	85 340	14 695,980	189 689,186	12,908	12,444
6	18	99 145	81 833,455	2 211 592,216	27,026	26,562	56	68	84 060	14 020,015	174 993,206	12,482	12,018
7	19	99 120	79 237,583	2 129 758,762	26,878	26,415	57	69	82 676	13 355,023	160 973,191	12,053	11,590
8	20	99 094	76 723,350	2 050 521,179	26,726	26,263	58	70	81 143	12 694,914	147 618,167	11,628	11,165
9	21	99 070	74 290,508	1 973 797,829	26,569	26,105	59	71	79 506	12 047,212	134 923,254	11,200	10,736
10	22	99 046	71 934,075	1 899 507,320	26,406	25,943	60	72	77 726	11 406,824	122 876,042	10,772	10,309
11	23	99 022	69 652,930	1 827 573,246	26,238	25,775	61	73	75 833	10 778,655	111 469,217	10,342	9,878
12	24	98 999	67 444,769	1 757 920,316	26,065	25,601	62	74	73 774	10 155,929	100 690,562	9,914	9,451
13	25	98 974	65 305,298	1 690 475,547	25,886	25,422	63	75	71 581	9 543,803	90 534,633	9,486	9,023
14	26	98 945	63 231,510	1 625 170,249	25,702	25,238	64	76	69 232	8 940,080	80 990,830	9,059	8,596
15	27	98 915	61 222,692	1 561 938,739	25,512	25,049	65	77	66 742	8 347,229	72 050,749	8,632	8,168
16	28	98 879	59 273,935	1 500 716,046	25,318	24,855	66	78	64 144	7 769,811	63 703,520	8,199	7,735
17	29	98 833	57 381,382	1 441 442,112	25,120	24,657	67	79	61 350	7 197,518	55 933,709	7,771	7,308
18	30	98 782	55 546,660	1 384 060,729	24,917	24,453	68	80	58 385	6 634,044	48 736,191	7,346	6,883
19	31	98 716	53 762,244	1 328 514,069	24,711	24,247	69	81	55 220	6 076,929	42 102,147	6,928	6,465
20	32	98 645	52 032,198	1 274 751,825	24,499	24,036	70	82	51 871	5 528,705	36 025,218	6,516	6,052
21	33	98 571	50 356,666	1 222 719,627	24,281	23,818	71	83	48 320	4 988,122	30 496,514	6,114	5,650
22	34	98 496	48 734,789	1 172 362,961	24,056	23,592	72	84	44 515	4 450,626	25 508,391	5,731	5,268
23	35	98 418	47 162,962	1 123 628,173	23,824	23,361	73	85	40 580	3 929,505	21 057,765	5,359	4,895
24	36	98 330	45 637,900	1 076 465,210	23,587	23,123	74	86	36 506	3 423,715	17 128,261	5,003	4,539
25	37	98 238	44 160,041	1 030 827,310	23,343	22,879	75	87	32 351	2 938,582	13 704,546	4,664	4,200
26	38	98 145	42 729,538	986 667,269	23,091	22,627	76	88	28 148	2 476,262	10 765,964	4,348	3,884
27	39	98 048	41 343,383	943 937,731	22,832	22,368	77	89	24 024	2 046,943	8 289,701	4,050	3,586
28	40	97 940	39 997,967	902 594,348	22,566	22,102	78	90	20 087	1 657,613	6 242,758	3,766	3,302
29	41	97 833	38 696,518	862 596,381	22,291	21,828	79	91	16 365	1 308,016	4 585,144	3,505	3,042
30	42	97 713	37 432,522	823 899,863	22,010	21,547	80	92	12 975	1 004,364	3 277,128	3,263	2,799
31	43	97 582	36 205,877	786 467,341	21,722	21,258	81	93	9 948	745,859	2 272,764	3,047	2,584
32	44	97 439	35 014,718	750 261,464	21,427	20,963	82	94	7 375	535,551	1 526,906	2,851	2,387
33	45	97 287	33 859,787	715 246,746	21,124	20,660	83	95	5 289	371,938	991,354	2,665	2,202
34	46	97 115	32 735,740	681 386,959	20,815	20,351	84	96	3 632	247,418	619,416	2,504	2,040
35	47	96 931	31 645,517	648 651,219	20,497	20,034	85	97	2 383	157,228	371,998	2,366	1,902
36	48	96 732	30 586,477	617 005,702	20,173	19,709	86	98	1 510	96,452	214,770	2,227	1,763
37	49	96 500	29 552,642	586 419,226	19,843	19,380	87	99	910	56,319	118,318	2,101	1,637
38	50	96 242	28 545,707	556 866,583	19,508	19,044	88	100	521	31,201	61,999	1,987	1,523
39	51	95 967	27 568,157	528 320,876	19,164	18,701							
40	52	95 657	26 614,185	500 752,719	18,815	18,352							
41	53	95 328	25 687,799	474 138,534	18,458	17,994							
42	54	94 954	24 781,555	448 450,735	18,096	17,633							
43	55	94 558	23 901,540	423 669,181	17,726	17,262							
44	56	94 113	23 040,341	399 767,641	17,351	16,887							
45	57	93 633	22 201,080	376 727,299	16,969	16,505							
46	58	93 106	21 381,230	354 526,219	16,581	16,118							
47	59	92 526	20 579,248	333 144,989	16,188	15,725							
48	60	91 882	19 792,847	312 565,741	15,792	15,328							
49	61	91 171	19 021,496	292 772,894	15,392	14,928							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	2 753 797,594	27,647	27,183	50	63	89 842	18 154,219	266 885,272	14,701	14,237
1	14	99 261	96 136,128	2 654 191,933	27,609	27,145	51	64	88 948	17 407,798	248 731,053	14,288	13,825
2	15	99 227	93 078,962	2 558 055,806	27,483	27,019	52	65	87 973	16 675,065	231 323,255	13,872	13,409
3	16	99 203	90 126,688	2 464 976,844	27,350	26,887	53	66	86 920	15 956,743	214 648,190	13,452	12,988
4	17	99 178	87 268,265	2 374 850,156	27,213	26,750	54	67	85 769	15 249,977	198 691,447	13,029	12,565
5	18	99 154	84 500,721	2 287 581,891	27,072	26,608	55	68	84 541	14 558,456	183 441,470	12,600	12,137
6	19	99 129	81 820,171	2 203 081,169	26,926	26,462	56	69	83 203	13 876,955	168 883,014	12,170	11,706
7	20	99 104	79 224,558	2 121 260,998	26,775	26,312	57	70	81 721	13 200,822	155 006,059	11,742	11,279
8	21	99 078	76 710,792	2 042 036,440	26,620	26,156	58	71	80 125	12 535,570	141 805,236	11,312	10,849
9	22	99 054	74 277,894	1 965 325,647	26,459	25,995	59	72	78 408	11 880,786	129 269,666	10,881	10,417
10	23	99 029	71 922,006	1 891 047,753	26,293	25,829	60	73	76 565	11 236,316	117 388,880	10,447	9,984
11	24	99 005	69 641,537	1 819 125,748	26,121	25,658	61	74	74 564	10 598,263	106 152,564	10,016	9,552
12	25	98 982	67 433,690	1 749 484,210	25,944	25,480	62	75	72 432	9 971,171	95 554,301	9,583	9,119
13	26	98 954	65 292,602	1 682 050,520	25,762	25,298	63	76	70 140	9 351,782	85 583,130	9,152	8,688
14	27	98 927	63 220,240	1 616 757,918	25,573	25,110	64	77	67 698	8 742,068	76 231,348	8,720	8,256
15	28	98 895	61 209,851	1 553 537,678	25,381	24,917	65	78	65 144	8 147,410	67 489,280	8,284	7,820
16	29	98 856	59 259,828	1 492 327,827	25,183	24,719	66	79	62 399	7 558,414	59 341,870	7,851	7,387
17	30	98 809	57 367,223	1 433 067,999	24,981	24,517	67	80	59 460	6 975,774	51 783,456	7,423	6,960
18	31	98 754	55 530,952	1 375 700,777	24,774	24,310	68	81	56 326	6 400,117	44 807,682	7,001	6,537
19	32	98 684	53 744,932	1 320 169,824	24,564	24,100	69	82	52 989	5 831,328	38 407,564	6,586	6,123
20	33	98 611	52 014,720	1 266 424,892	24,347	23,884	70	83	49 433	5 268,843	32 576,236	6,183	5,719
21	34	98 536	50 339,029	1 214 410,172	24,125	23,661	71	84	45 653	4 712,798	27 307,393	5,794	5,331
22	35	98 459	48 716,182	1 164 071,143	23,895	23,431	72	85	41 675	4 166,730	22 594,595	5,423	4,959
23	36	98 372	47 140,940	1 115 354,960	23,660	23,196	73	86	37 590	3 639,925	18 427,865	5,063	4,599
24	37	98 283	45 616,137	1 068 214,020	23,417	22,954	74	87	33 393	3 131,745	14 787,941	4,722	4,258
25	38	98 189	44 137,743	1 022 597,883	23,168	22,705	75	88	29 145	2 647,384	11 656,195	4,403	3,939
26	39	98 091	42 705,862	978 460,140	22,912	22,448	76	89	24 958	2 195,692	9 008,811	4,103	3,639
27	40	97 984	41 316,483	935 754,278	22,648	22,185	77	90	20 929	1 783,284	6 813,119	3,821	3,357
28	41	97 878	39 972,643	894 437,795	22,376	21,913	78	91	17 132	1 413,750	5 029,835	3,558	3,094
29	42	97 761	38 668,156	854 465,152	22,097	21,634	79	92	13 650	1 090,980	3 616,085	3,315	2,851
30	43	97 634	37 402,320	815 796,996	21,811	21,348	80	93	10 536	815,598	2 525,105	3,096	2,632
31	44	97 495	36 173,447	778 394,677	21,518	21,055	81	94	7 865	589,632	1 709,507	2,899	2,436
32	45	97 347	34 981,600	742 221,229	21,217	20,754	82	95	5 683	412,665	1 119,875	2,714	2,250
33	46	97 183	33 823,365	707 239,630	20,910	20,446	83	96	3 944	277,372	707,210	2,550	2,086
34	47	97 000	32 696,974	673 416,265	20,596	20,132	84	97	2 618	178,311	429,838	2,411	1,947
35	48	96 805	31 604,398	640 719,290	20,273	19,809	85	98	1 681	110,887	251,527	2,268	1,805
36	49	96 586	30 540,073	609 114,892	19,945	19,481	86	99	1 028	65,681	140,640	2,141	1,678
37	50	96 338	29 502,874	578 574,819	19,611	19,147	87	100	598	36,987	74,959	2,027	1,563
38	51	96 064	28 493,072	549 071,945	19,270	18,807							
39	52	95 767	27 510,911	520 578,873	18,923	18,459							
40	53	95 446	26 555,516	493 067,962	18,567	18,104							
41	54	95 091	25 624,130	466 512,445	18,206	17,742							
42	55	94 692	24 713,299	440 888,316	17,840	17,376							
43	56	94 264	23 827,149	416 175,016	17,466	17,003							
44	57	93 795	22 962,428	392 347,867	17,087	16,623							
45	58	93 281	22 117,687	369 385,439	16,701	16,237							
46	59	92 717	21 291,994	347 267,752	16,310	15,846							
47	60	92 097	20 483,875	325 975,759	15,914	15,450							
48	61	91 411	19 691,373	305 491,884	15,514	15,050							
49	62	90 662	18 915,239	285 800,511	15,110	14,646							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	2 744 774,788	27,559	27,095	50	64	89 235	18 031,493	259 729,008	14,404	13,941
1	15	99 251	96 127,259	2 645 177,000	27,517	27,054	51	65	88 289	17 278,827	241 697,515	13,988	13,524
2	16	99 216	93 068,185	2 549 049,741	27,389	26,925	52	66	87 268	16 541,436	224 418,688	13,567	13,103
3	17	99 190	90 115,166	2 455 981,555	27,254	26,790	53	67	86 158	15 816,998	207 877,252	13,143	12,679
4	18	99 165	87 256,951	2 365 866,389	27,114	26,650	54	68	84 967	15 107,268	192 060,254	12,713	12,249
5	19	99 138	84 487,005	2 278 609,438	26,970	26,506	55	69	83 679	14 409,902	176 952,985	12,280	11,816
6	20	99 113	81 806,723	2 194 122,433	26,821	26,357	56	70	82 242	13 716,728	162 543,083	11,850	11,386
7	21	99 088	79 211,591	2 112 315,710	26,667	26,203	57	71	80 695	13 035,129	148 826,355	11,417	10,954
8	22	99 061	76 697,767	2 033 104,119	26,508	26,048	58	72	79 018	12 362,398	135 791,227	10,984	10,521
9	23	99 037	74 265,432	1 956 406,352	26,343	25,880	59	73	77 236	11 703,193	123 428,829	10,547	10,083
10	24	99 013	71 910,242	1 882 140,920	26,173	25,710	60	74	75 283	11 048,265	111 725,636	10,113	9,649
11	25	98 989	69 630,097	1 810 230,678	25,998	25,534	61	75	73 207	10 405,458	100 677,371	9,675	9,212
12	26	98 963	67 420,580	1 740 600,581	25,817	25,353	62	76	70 975	9 770,551	90 271,913	9,239	8,776
13	27	98 937	65 280,964	1 673 180,001	25,630	25,167	63	77	68 587	9 144,651	80 501,361	8,803	8,339
14	28	98 907	63 206,980	1 607 899,037	25,439	24,975	64	78	66 078	8 532,796	71 356,710	8,363	7,899
15	29	98 871	61 195,284	1 544 692,057	25,242	24,778	65	79	63 371	7 925,739	62 823,914	7,927	7,463
16	30	98 831	59 245,205	1 483 496,773	25,040	24,576	66	80	60 476	7 325,552	54 898,175	7,494	7,030
17	31	98 781	57 351,000	1 424 251,568	24,834	24,370	67	81	57 364	6 729,798	47 572,623	7,069	6,605
18	32	98 723	55 513,071	1 366 900,568	24,623	24,159	68	82	54 050	6 141,455	40 842,826	6,650	6,187
19	33	98 651	53 726,879	1 311 387,497	24,408	23,945	69	83	50 498	5 557,242	34 701,371	6,244	5,781
20	34	98 577	51 996,503	1 257 660,618	24,187	23,724	70	84	46 705	4 978,025	29 144,128	5,855	5,391
21	35	98 499	50 319,810	1 205 664,115	23,960	23,496	71	85	42 741	4 412,178	24 166,104	5,477	5,014
22	36	98 413	48 693,435	1 155 344,305	23,727	23,263	72	86	38 604	3 859,668	19 753,925	5,118	4,654
23	37	98 325	47 118,461	1 106 650,870	23,487	23,023	73	87	34 384	3 329,517	15 894,258	4,774	4,310
24	38	98 234	45 593,104	1 059 532,409	23,239	22,775	74	88	30 084	2 821,406	12 564,740	4,453	3,990
25	39	98 134	44 113,286	1 013 939,305	22,985	22,521	75	89	25 843	2 347,425	9 743,335	4,151	3,687
26	40	98 027	42 678,075	969 826,019	22,724	22,261	76	90	21 744	1 912,873	7 395,910	3,866	3,403
27	41	97 922	41 290,324	927 147,944	22,454	21,991	77	91	17 850	1 520,933	5 483,037	3,605	3,141
28	42	97 806	39 943,346	885 857,620	22,178	21,714	78	92	14 289	1 179,169	3 962,104	3,360	2,896
29	43	97 682	38 636,956	845 914,274	21,894	21,430	79	93	11 085	885,935	2 782,935	3,141	2,678
30	44	97 546	37 368,819	807 277,318	21,603	21,139	80	94	8 329	644,764	1 897,000	2,942	2,479
31	45	97 403	36 139,233	769 908,499	21,304	20,840	81	95	6 060	454,337	1 252,236	2,756	2,293
32	46	97 242	34 943,971	733 769,267	20,998	20,535	82	96	4 238	307,744	797,899	2,593	2,129
33	47	97 068	33 783,312	698 825,295	20,686	20,222	83	97	2 842	199,898	490,155	2,452	1,988
34	48	96 873	32 654,489	665 041,984	20,366	19,902	84	98	1 846	125,756	290,257	2,308	1,844
35	49	96 659	31 556,451	632 387,495	20,040	19,576	85	99	1 145	75,511	164,502	2,179	1,715
36	50	96 423	30 488,642	600 831,044	19,707	19,243	86	100	675	43,136	88,990	2,063	1,599
37	51	96 160	29 448,473	570 342,402	19,367	18,904							
38	52	95 865	28 433,906	540 893,929	19,023	18,559							
39	53	95 556	27 450,266	512 460,023	18,669	18,205							
40	54	95 209	26 489,697	485 009,757	18,309	17,846							
41	55	94 830	25 553,554	458 520,060	17,943	17,480							
42	56	94 397	24 636,382	432 966,507	17,574	17,111							
43	57	93 945	23 746,576	408 330,125	17,195	16,732							
44	58	93 443	22 876,175	384 583,549	16,812	16,348							
45	59	92 892	22 025,377	361 707,374	16,422	15,959							
46	60	92 287	21 193,317	339 681,997	16,028	15,564							
47	61	91 625	20 378,858	318 488,681	15,628	15,165							
48	62	90 900	19 581,373	298 109,823	15,224	14,761							
49	63	90 107	18 799,441	278 528,450	14,816	14,352							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	2 735 286,536	27,466	27,002	50	65	88 574	17 897,902	252 289,169	14,096	13,632
1	16	99 240	96 116,130	2 635 697,936	27,422	26,958	51	66	87 582	17 140,360	234 391,267	13,675	13,211
2	17	99 203	93 056,288	2 539 581,806	27,291	26,827	52	67	86 504	16 396,570	217 250,907	13,250	12,786
3	18	99 177	90 103,483	2 446 525,518	27,152	26,689	53	68	85 352	15 668,983	200 854,337	12,819	12,355
4	19	99 149	87 242,787	2 356 422,036	27,010	26,546	54	69	84 100	14 953,114	185 185,353	12,384	11,921
5	20	99 122	84 473,118	2 269 179,248	26,863	26,399	55	70	82 712	14 243,521	170 232,239	11,952	11,488
6	21	99 096	81 793,332	2 184 706,130	26,710	26,246	56	71	81 210	13 544,559	155 988,718	11,517	11,053
7	22	99 071	79 198,141	2 102 912,798	26,553	26,089	57	72	79 581	12 855,055	142 444,159	11,081	10,617
8	23	99 044	76 684,899	2 023 714,657	26,390	25,926	58	73	77 837	12 177,606	129 589,104	10,642	10,178
9	24	99 021	74 253,285	1 947 029,758	26,221	25,758	59	74	75 943	11 507,328	117 411,498	10,203	9,740
10	25	98 997	71 898,429	1 872 776,473	26,048	25,584	60	75	73 914	10 847,273	105 904,170	9,763	9,300
11	26	98 970	69 616,560	1 800 878,043	25,869	25,405	61	76	71 734	10 196,101	95 056,897	9,323	8,859
12	27	98 945	67 408,563	1 731 261,483	25,683	25,219	62	77	69 403	9 554,145	84 860,796	8,882	8,418
13	28	98 916	65 267,272	1 663 852,920	25,493	25,029	63	78	66 945	8 925,742	75 306,651	8,437	7,973
14	29	98 883	63 191,937	1 598 585,648	25,297	24,834	64	79	64 280	8 300,641	66 380,909	7,997	7,533
15	30	98 847	61 180,183	1 535 393,711	25,096	24,633	65	80	61 419	7 681,560	58 080,268	7,561	7,097
16	31	98 803	59 228,451	1 474 213,528	24,890	24,427	66	81	58 344	7 067,242	50 398,708	7,131	6,668
17	32	98 749	57 332,533	1 414 985,077	24,680	24,217	67	82	55 045	6 457,811	43 331,467	6,710	6,246
18	33	98 689	55 494,424	1 357 652,544	24,465	24,001	68	83	51 509	5 852,792	36 873,656	6,300	5,837
19	34	98 617	53 708,062	1 302 158,121	24,245	23,781	69	84	47 711	5 250,505	31 020,863	5,908	5,445
20	35	98 539	51 976,651	1 248 450,058	24,019	23,556	70	85	43 726	4 660,486	25 770,358	5,530	5,066
21	36	98 453	50 296,314	1 196 473,407	23,788	23,325	71	86	39 591	4 087,028	21 109,871	5,165	4,701
22	37	98 366	48 670,215	1 146 177,093	23,550	23,086	72	87	35 312	3 530,521	17 022,843	4,822	4,358
23	38	98 275	47 094,669	1 097 506,878	23,304	22,841	73	88	30 977	2 999,580	13 492,322	4,498	4,034
24	39	98 179	45 567,841	1 050 412,209	23,052	22,588	74	89	26 675	2 501,729	10 492,742	4,194	3,731
25	40	98 070	44 084,584	1 004 844,368	22,794	22,330	75	90	22 514	2 045,062	7 991,013	3,907	3,444
26	41	97 965	42 651,054	960 759,784	22,526	22,062	76	91	18 545	1 631,457	5 945,951	3,645	3,181
27	42	97 850	41 260,061	918 108,730	22,252	21,788	77	92	14 888	1 268,567	4 314,494	3,401	2,937
28	43	97 727	39 911,117	876 848,669	21,970	21,506	78	93	11 603	957,549	3 045,927	3,181	2,717
29	44	97 595	38 602,349	836 937,552	21,681	21,217	79	94	8 763	700,368	2 088,378	2,982	2,518
30	45	97 454	37 333,474	798 335,203	21,384	20,920	80	95	6 418	496,818	1 388,010	2,794	2,330
31	46	97 298	36 100,359	761 001,729	21,080	20,617	81	96	4 519	338,820	891,192	2,630	2,167
32	47	97 127	34 902,591	724 901,370	20,769	20,306	82	97	3 054	221,787	552,371	2,491	2,027
33	48	96 941	33 739,415	689 998,779	20,451	19,987	83	98	2 005	140,980	330,584	2,345	1,881
34	49	96 727	32 604,949	656 259,364	20,128	19,664	84	99	1 257	85,637	189,604	2,214	1,750
35	50	96 496	31 503,308	623 654,416	19,796	19,333	85	100	752	49,592	103,968	2,096	1,633
36	51	96 245	30 432,424	592 151,108	19,458	18,994							
37	52	95 960	29 387,323	561 718,684	19,114	18,651							
38	53	95 653	28 371,226	532 331,361	18,763	18,299							
39	54	95 319	27 382,228	503 960,135	18,405	17,941							
40	55	94 947	26 416,737	476 577,907	18,041	17,577							
41	56	94 534	25 474,021	450 161,170	17,671	17,208							
42	57	94 078	24 553,072	424 687,149	17,297	16,833							
43	58	93 592	23 657,377	400 134,077	16,914	16,450							
44	59	93 053	22 780,699	376 476,701	16,526	16,063							
45	60	92 461	21 923,301	353 696,001	16,133	15,670							
46	61	91 814	21 084,663	331 772,700	15,735	15,272							
47	62	91 113	20 265,018	310 688,038	15,331	14,868							
48	63	90 344	19 461,498	290 423,020	14,923	14,459							
49	64	89 498	18 672,354	270 961,522	14,511	14,048							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	2 725 323,749	27,369	26,905	50	66	87 864	17 754,473	244 572,694	13,775	13,312
1	17	99 227	96 103,843	2 625 746,678	27,322	26,858	51	67	86 815	16 990,249	226 818,220	13,350	12,886
2	18	99 190	93 044,223	2 529 642,835	27,188	26,724	52	68	85 694	16 243,132	209 827,971	12,918	12,454
3	19	99 161	90 088,857	2 436 598,613	27,047	26,583	53	69	84 481	15 509,098	193 584,839	12,482	12,018
4	20	99 133	87 228,447	2 346 509,756	26,901	26,437	54	70	83 129	14 780,461	178 075,741	12,048	11,584
5	21	99 105	84 459,292	2 259 281,308	26,750	26,286	55	71	81 674	14 064,740	163 295,280	11,610	11,147
6	22	99 080	81 779,444	2 174 822,017	26,594	26,130	56	72	80 088	13 357,448	149 230,541	11,172	10,708
7	23	99 054	79 184,853	2 093 042,573	26,432	25,969	57	73	78 391	12 662,899	135 873,093	10,730	10,266
8	24	99 028	76 672,356	2 013 857,719	26,266	25,802	58	74	76 534	11 973,801	123 210,194	10,290	9,826
9	25	99 004	74 241,088	1 937 185,363	26,093	25,630	59	75	74 561	11 297,985	111 236,393	9,846	9,382
10	26	98 977	71 884,451	1 862 944,275	25,916	25,452	60	76	72 426	10 629,026	99 938,408	9,402	8,939
11	27	98 952	69 604,152	1 791 059,824	25,732	25,268	61	77	70 146	9 970,269	89 309,382	8,958	8,494
12	28	98 925	67 394,424	1 721 455,672	25,543	25,079	62	78	67 741	9 325,434	79 339,112	8,508	8,044
13	29	98 892	65 251,739	1 654 061,248	25,349	24,885	63	79	65 124	8 682,895	70 013,679	8,063	7,600
14	30	98 859	63 176,344	1 588 809,509	25,149	24,685	64	80	62 300	8 044,911	61 330,783	7,624	7,160
15	31	98 819	61 162,882	1 525 633,166	24,944	24,480	65	81	59 253	7 410,696	53 285,872	7,190	6,727
16	32	98 771	59 209,380	1 464 470,284	24,734	24,270	66	82	55 986	6 781,617	45 875,176	6,765	6,301
17	33	98 716	57 313,274	1 405 260,904	24,519	24,055	67	83	52 458	6 154,279	39 093,558	6,352	5,889
18	34	98 655	55 474,988	1 347 947,630	24,298	23,835	68	84	48 666	5 529,742	32 939,280	5,957	5,493
19	35	98 579	53 687,557	1 292 472,642	24,074	23,610	69	85	44 667	4 915,586	27 409,537	5,576	5,112
20	36	98 493	51 952,382	1 238 785,085	23,845	23,381	70	86	40 503	4 317,038	22 493,951	5,211	4,747
21	37	98 406	50 272,330	1 186 832,703	23,608	23,144	71	87	36 215	3 738,493	18 176,913	4,862	4,398
22	38	98 316	48 645,640	1 136 560,374	23,364	22,900	72	88	31 813	3 180,665	14 438,420	4,539	4,076
23	39	98 221	47 068,574	1 087 914,734	23,113	22,650	73	89	27 467	2 659,715	11 257,756	4,233	3,769
24	40	98 115	45 538,192	1 040 846,160	22,857	22,393	74	90	23 239	2 179,491	8 598,040	3,945	3,481
25	41	98 008	44 056,673	995 307,968	22,592	22,128	75	91	19 202	1 744,198	6 418,550	3,680	3,216
26	42	97 893	42 619,794	951 251,295	22,319	21,856	76	92	15 468	1 360,752	4 674,351	3,435	2,971
27	43	97 771	41 226,770	908 631,502	22,040	21,576	77	93	12 090	1 030,145	3 313,599	3,217	2,753
28	44	97 640	39 875,369	867 404,732	21,753	21,289	78	94	9 173	756,982	2 283,454	3,017	2,553
29	45	97 502	38 565,837	827 529,363	21,458	20,994	79	95	6 752	539,664	1 526,471	2,829	2,365
30	46	97 349	37 293,315	788 963,525	21,156	20,692	80	96	4 786	370,501	986,808	2,663	2,200
31	47	97 183	36 057,609	751 670,210	20,846	20,383	81	97	3 257	244,183	616,307	2,524	2,060
32	48	97 001	34 857,240	715 612,601	20,530	20,066	82	98	2 154	156,417	372,123	2,379	1,915
33	49	96 794	33 688,228	680 755,361	20,208	19,744	83	99	1 365	96,004	215,706	2,247	1,783
34	50	96 564	32 550,040	647 067,133	19,879	19,416	84	100	826	56,241	119,702	2,128	1,665
35	51	96 318	31 445,219	614 517,093	19,542	19,079							
36	52	96 045	30 369,231	583 071,874	19,199	18,736							
37	53	95 749	29 322,541	552 702,643	18,849	18,385							
38	54	95 416	28 300,905	523 380,102	18,493	18,030							
39	55	95 057	27 306,810	495 079,197	18,130	17,667							
40	56	94 652	26 334,518	467 772,387	17,763	17,299							
41	57	94 215	25 387,879	441 437,869	17,388	16,924							
42	58	93 725	24 460,844	416 049,990	17,009	16,545							
43	59	93 201	23 558,641	391 589,147	16,622	16,158							
44	60	92 622	22 675,123	368 030,506	16,231	15,767							
45	61	91 987	21 810,904	345 355,383	15,834	15,370							
46	62	91 301	20 966,880	323 544,479	15,431	14,968							
47	63	90 555	20 140,957	302 577,599	15,023	14,559							
48	64	89 733	19 329,934	282 436,642	14,611	14,148							
49	65	88 835	18 534,014	263 106,707	14,196	13,732							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	2 714 878,230	27,268	26,804	50	67	87 094	17 598,984	236 585,830	13,443	12,980
1	18	99 214	96 091,383	2 615 313,889	27,217	26,753	51	68	86 002	16 831,255	218 986,846	13,011	12,547
2	19	99 174	93 029,120	2 519 222,507	27,080	26,616	52	69	84 820	16 077,388	202 155,591	12,574	12,110
3	20	99 145	90 074,049	2 426 193,387	26,936	26,472	53	70	83 506	15 330,025	186 078,203	12,138	11,675
4	21	99 117	87 214,170	2 336 119,338	26,786	26,322	54	71	82 085	14 594,940	170 748,178	11,699	11,236
5	22	99 089	84 444,951	2 248 905,168	26,632	26,168	55	72	80 546	13 870,442	156 153,238	11,258	10,794
6	23	99 063	81 765,723	2 164 460,217	26,471	26,008	56	73	78 891	13 157,782	142 282,795	10,814	10,350
7	24	99 038	79 171,902	2 082 694,494	26,306	25,842	57	74	77 079	12 450,972	129 125,013	10,371	9,907
8	25	99 012	76 659,761	2 003 522,592	26,135	25,672	58	75	75 142	11 755,972	116 674,041	9,925	9,461
9	26	98 985	74 226,654	1 926 862,831	25,959	25,496	59	76	73 061	11 070,670	104 918,069	9,477	9,013
10	27	98 960	71 871,639	1 852 636,177	25,777	25,313	60	77	70 822	10 393,606	93 847,399	9,029	8,566
11	28	98 932	69 589,553	1 780 764,538	25,590	25,126	61	78	68 466	9 731,596	83 453,793	8,576	8,112
12	29	98 901	67 378,385	1 711 174,985	25,396	24,933	62	79	65 898	9 071,712	73 722,197	8,127	7,663
13	30	98 868	65 235,637	1 643 796,600	25,198	24,734	63	80	63 117	8 415,389	64 650,485	7,682	7,219
14	31	98 831	63 158,478	1 578 560,963	24,994	24,530	64	81	60 103	7 761,235	56 235,095	7,246	6,782
15	32	98 787	61 143,187	1 515 402,485	24,784	24,321	65	82	56 859	7 111,191	48 473,860	6,817	6,353
16	33	98 738	59 189,491	1 454 259,298	24,570	24,106	66	83	53 354	6 462,866	41 362,669	6,400	5,936
17	34	98 681	57 293,202	1 395 069,807	24,350	23,886	67	84	49 562	5 814,588	34 899,803	6,002	5,538
18	35	98 617	55 453,808	1 337 776,606	24,124	23,661	68	85	45 562	5 177,011	29 085,215	5,618	5,155
19	36	98 533	53 662,488	1 282 322,798	23,896	23,432	69	86	41 376	4 553,338	23 908,204	5,251	4,787
20	37	98 446	51 927,608	1 228 660,310	23,661	23,197	70	87	37 049	3 948,887	19 354,866	4,901	4,438
21	38	98 356	50 246,946	1 176 732,702	23,419	22,955	71	88	32 626	3 368,028	15 405,979	4,574	4,111
22	39	98 262	48 618,685	1 126 485,756	23,170	22,706	72	89	28 208	2 820,283	12 037,951	4,268	3,805
23	40	98 157	47 037,949	1 077 867,071	22,915	22,451	73	90	23 929	2 317,127	9 217,668	3,978	3,514
24	41	98 053	45 509,361	1 030 829,123	22,651	22,187	74	91	19 820	1 858,851	6 900,541	3,712	3,249
25	42	97 937	44 024,382	985 319,762	22,381	21,918	75	92	16 016	1 454,787	5 041,690	3,466	3,002
26	43	97 814	42 585,406	941 295,380	22,104	21,640	76	93	12 561	1 105,005	3 586,904	3,246	2,782
27	44	97 684	41 189,843	898 709,974	21,819	21,355	77	94	9 558	814,372	2 481,899	3,048	2,584
28	45	97 547	39 837,653	857 520,131	21,525	21,062	78	95	7 068	583,288	1 667,527	2,859	2,395
29	46	97 397	38 524,354	817 682,478	21,225	20,761	79	96	5 035	402,452	1 084,239	2,694	2,230
30	47	97 234	37 249,153	779 158,124	20,917	20,454	80	97	3 449	267,015	681,787	2,553	2,090
31	48	97 056	36 010,757	741 908,972	20,602	20,139	81	98	2 297	172,213	414,772	2,408	1,945
32	49	96 854	34 804,358	705 898,214	20,282	19,818	82	99	1 467	106,517	242,559	2,277	1,814
33	50	96 631	33 631,495	671 093,857	19,954	19,491	83	100	897	63,050	136,042	2,158	1,694
34	51	96 386	32 490,021	637 462,362	19,620	19,157							
35	52	96 118	31 379,922	604 972,341	19,279	18,815							
36	53	95 834	30 302,284	573 592,419	18,929	18,465							
37	54	95 512	29 249,863	543 290,134	18,574	18,110							
38	55	95 154	28 222,957	514 040,271	18,214	17,750							
39	56	94 761	27 221,821	485 817,314	17,847	17,383							
40	57	94 331	26 245,465	458 595,494	17,473	17,010							
41	58	93 861	25 292,514	432 350,028	17,094	16,630							
42	59	93 334	24 358,754	407 057,514	16,711	16,247							
43	60	92 770	23 449,459	382 698,759	16,320	15,857							
44	61	92 147	22 558,872	359 249,300	15,925	15,461							
45	62	91 473	21 689,065	336 690,428	15,524	15,060							
46	63	90 742	20 838,522	315 001,364	15,116	14,653							
47	64	89 943	20 004,800	294 162,841	14,705	14,241							
48	65	89 068	19 186,723	274 158,041	14,289	13,825							
49	66	88 123	18 385,488	254 971,318	13,868	13,404							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	2 703 940,439	27,161	26,698	50	68	86 279	17 434,294	228 337,442	13,097	12,633
1	19	99 198	96 075,785	2 604 389,008	27,108	26,644	51	69	85 125	16 659,510	210 903,148	12,660	12,196
2	20	99 158	93 013,829	2 508 313,222	26,967	26,503	52	70	83 841	15 891,754	194 243,638	12,223	11,759
3	21	99 129	90 059,306	2 415 299,394	26,819	26,355	53	71	82 458	15 137,606	178 351,885	11,782	11,318
4	22	99 100	87 199,361	2 325 240,088	26,666	26,202	54	72	80 951	14 393,319	163 214,279	11,340	10,876
5	23	99 072	84 430,783	2 238 040,727	26,507	26,044	55	73	79 342	13 663,109	148 820,960	10,892	10,429
6	24	99 047	81 752,350	2 153 609,944	26,343	25,879	56	74	77 570	12 937,573	135 157,852	10,447	9,983
7	25	99 022	79 158,896	2 071 857,594	26,173	25,710	57	75	75 677	12 224,463	122 220,279	9,998	9,534
8	26	98 993	76 644,858	1 992 698,698	25,999	25,535	58	76	73 630	11 519,442	109 995,816	9,549	9,085
9	27	98 968	74 213,424	1 916 053,840	25,818	25,355	59	77	71 443	10 825,468	98 476,375	9,097	8,633
10	28	98 939	71 856,564	1 841 840,416	25,632	25,169	60	78	69 127	10 144,799	87 650,907	8,640	8,176
11	29	98 908	69 572,991	1 769 983,852	25,441	24,977	61	79	66 604	9 466,824	77 506,108	8,187	7,724
12	30	98 877	67 361,758	1 700 410,862	25,243	24,779	62	80	63 868	8 792,227	68 039,283	7,739	7,275
13	31	98 840	65 217,189	1 633 049,103	25,040	24,577	63	81	60 892	8 118,650	59 247,056	7,298	6,834
14	32	98 799	63 138,141	1 567 831,914	24,832	24,368	64	82	57 674	7 447,563	51 128,406	6,865	6,401
15	33	98 754	61 122,649	1 504 693,773	24,618	24,154	65	83	54 186	6 776,949	43 680,843	6,446	5,982
16	34	98 704	59 168,761	1 443 571,124	24,398	23,934	66	84	50 409	6 106,142	36 903,894	6,044	5,580
17	35	98 643	57 271,327	1 384 402,363	24,173	23,709	67	85	46 401	5 443,687	30 797,752	5,658	5,194
18	36	98 571	55 427,915	1 327 131,036	23,943	23,480	68	86	42 204	4 795,498	25 354,065	5,287	4,823
19	37	98 486	53 636,899	1 271 703,121	23,709	23,246	69	87	37 847	4 165,036	20 558,567	4,936	4,472
20	38	98 397	51 901,388	1 218 066,223	23,469	23,005	70	88	33 378	3 557,573	16 393,531	4,608	4,144
21	39	98 302	50 219,103	1 166 164,835	23,222	22,758	71	89	28 930	2 986,417	12 835,958	4,298	3,834
22	40	98 198	48 587,051	1 115 945,731	22,968	22,504	72	90	24 575	2 457,013	9 849,541	4,009	3,545
23	41	98 095	47 008,168	1 067 358,680	22,706	22,242	73	91	20 409	1 976,238	7 392,528	3,741	3,277
24	42	97 981	45 476,005	1 020 350,512	22,437	21,973	74	92	16 532	1 550,415	5 416,290	3,493	3,030
25	43	97 858	43 988,861	974 874,507	22,162	21,698	75	93	13 006	1 181,366	3 865,875	3,272	2,809
26	44	97 727	42 547,262	930 885,647	21,879	21,415	76	94	9 930	873,552	2 684,509	3,073	2,609
27	45	97 591	41 150,884	888 338,385	21,587	21,124	77	95	7 365	627,509	1 810,958	2,886	2,422
28	46	97 442	39 794,801	847 187,501	21,289	20,825	78	96	5 271	434,985	1 183,448	2,721	2,257
29	47	97 282	38 478,733	807 392,699	20,983	20,519	79	97	3 629	290,042	748,464	2,581	2,117
30	48	97 108	37 200,753	768 913,966	20,669	20,206	80	98	2 433	188,315	458,421	2,434	1,971
31	49	96 909	35 956,125	731 713,214	20,350	19,887	81	99	1 564	117,273	270,107	2,303	1,840
32	50	96 690	34 745,745	695 757,089	20,024	19,561	82	100	963	69,954	152,834	2,185	1,721
33	51	96 453	33 569,482	661 011,344	19,691	19,227							
34	52	96 185	32 422,555	627 441,862	19,352	18,888							
35	53	95 906	31 310,748	595 019,307	19,004	18,540							
36	54	95 596	30 227,178	563 708,559	18,649	18,185							
37	55	95 249	29 169,301	533 481,381	18,289	17,826							
38	56	94 857	28 135,116	504 312,080	17,925	17,461							
39	57	94 441	27 129,768	476 176,964	17,552	17,088							
40	58	93 977	26 146,880	449 047,196	17,174	16,710							
41	59	93 469	25 186,954	422 900,317	16,790	16,327							
42	60	92 901	24 245,865	397 713,362	16,403	15,940							
43	61	92 294	23 329,238	373 467,498	16,009	15,545							
44	62	91 632	22 432,854	350 138,260	15,608	15,145							
45	63	90 913	21 556,286	327 705,405	15,202	14,739							
46	64	90 129	20 697,650	306 149,119	14,791	14,328							
47	65	89 277	19 856,589	285 451,469	14,376	13,912							
48	66	88 355	19 032,966	265 594,880	13,954	13,491							
49	67	87 351	18 224,472	246 561,914	13,529	13,066							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	2 692 499,534	27,051	26,587	50	69	85 399	17 256,395	219 833,811	12,739	12,276
1	20	99 182	96 059,993	2 592 964,262	26,993	26,530	51	70	84 142	16 467,154	202 577,417	12,302	11,838
2	21	99 142	92 998,604	2 496 904,269	26,849	26,385	52	71	82 788	15 692,284	186 110,262	11,860	11,396
3	22	99 112	90 044,014	2 403 905,664	26,697	26,233	53	72	81 318	14 928,488	170 417,978	11,416	10,952
4	23	99 083	87 184,731	2 313 861,650	26,540	26,076	54	73	79 741	14 178,169	155 489,491	10,967	10,503
5	24	99 056	84 416,973	2 226 676,920	26,377	25,913	55	74	78 014	13 434,442	141 311,322	10,519	10,055
6	25	99 031	81 738,921	2 142 259,946	26,209	25,745	56	75	76 159	12 702,211	127 876,880	10,067	9,604
7	26	99 002	79 143,507	2 060 521,026	26,035	25,572	57	76	74 154	11 978,507	115 174,669	9,615	9,151
8	27	98 975	76 631,196	1 981 377,519	25,856	25,392	58	77	71 999	11 264,300	103 196,162	9,161	8,698
9	28	98 947	74 197,858	1 904 746,323	25,671	25,208	59	78	69 733	10 566,323	91 931,863	8,700	8,237
10	29	98 915	71 839,463	1 830 548,465	25,481	25,017	60	79	67 246	9 868,785	81 365,540	8,245	7,781
11	30	98 884	69 555,823	1 758 709,002	25,285	24,821	61	80	64 552	9 175,167	71 496,755	7,792	7,329
12	31	98 849	67 342,710	1 689 153,179	25,083	24,619	62	81	61 616	8 482,200	62 321,588	7,347	6,884
13	32	98 808	65 196,189	1 621 810,470	24,876	24,412	63	82	58 431	7 790,532	53 839,388	6,911	6,447
14	33	98 766	63 116,932	1 556 614,281	24,662	24,199	64	83	54 963	7 097,510	46 048,856	6,488	6,024
15	34	98 719	61 101,242	1 493 497,348	24,443	23,979	65	84	51 195	6 402,889	38 951,345	6,083	5,620
16	35	98 666	59 146,171	1 432 396,106	24,218	23,754	66	85	47 194	5 716,644	32 548,456	5,694	5,230
17	36	98 597	57 244,585	1 373 249,936	23,989	23,526	67	86	42 982	5 042,521	26 831,813	5,321	4,857
18	37	98 524	55 401,483	1 316 005,350	23,754	23,290	68	87	38 605	4 386,545	21 789,291	4,967	4,504
19	38	98 436	53 609,816	1 260 603,867	23,514	23,051	69	88	34 097	3 752,303	17 402,746	4,638	4,174
20	39	98 342	51 872,629	1 206 994,051	23,268	22,805	70	89	29 596	3 154,486	13 650,443	4,327	3,864
21	40	98 238	50 186,429	1 155 121,422	23,017	22,553	71	90	25 203	2 601,748	10 495,957	4,034	3,571
22	41	98 136	48 556,289	1 104 934,994	22,756	22,292	72	91	20 960	2 095,544	7 894,210	3,767	3,304
23	42	98 023	46 973,713	1 056 378,704	22,489	22,025	73	92	17 022	1 648,325	5 798,666	3,518	3,054
24	43	97 902	45 439,313	1 009 404,991	22,214	21,751	74	93	13 424	1 259,021	4 150,341	3,296	2,833
25	44	97 770	43 949,460	963 965,678	21,934	21,470	75	94	10 282	933,918	2 891,320	3,096	2,632
26	45	97 634	42 507,019	920 016,218	21,644	21,180	76	95	7 651	673,110	1 957,402	2,908	2,444
27	46	97 486	41 106,620	877 509,199	21,347	20,884	77	96	5 492	467,963	1 284,292	2,744	2,281
28	47	97 327	39 747,676	836 402,580	21,043	20,579	78	97	3 799	313,488	816,329	2,604	2,140
29	48	97 156	38 428,735	796 654,903	20,731	20,267	79	98	2 559	204,555	502,841	2,458	1,995
30	49	96 960	37 144,315	758 226,168	20,413	19,949	80	99	1 657	128,238	298,286	2,326	1,862
31	50	96 746	35 895,572	721 081,853	20,088	19,625	81	100	1 027	77,018	170,048	2,208	1,744
32	51	96 512	34 681,677	685 186,281	19,756	19,293							
33	52	96 253	33 499,775	650 504,604	19,418	18,955							
34	53	95 973	32 351,082	617 004,829	19,072	18,609							
35	54	95 668	31 233,142	584 653,747	18,719	18,255							
36	55	95 333	30 143,924	553 420,605	18,359	17,896							
37	56	94 952	29 078,515	523 276,681	17,995	17,532							
38	57	94 537	28 039,975	494 198,166	17,625	17,161							
39	58	94 086	27 027,860	466 158,191	17,247	16,784							
40	59	93 585	26 037,754	439 130,331	16,865	16,402							
41	60	93 036	25 070,226	413 092,577	16,477	16,014							
42	61	92 425	24 121,561	388 022,351	16,086	15,622							
43	62	91 778	23 198,917	363 900,790	15,686	15,222							
44	63	91 071	22 295,522	340 701,873	15,281	14,818							
45	64	90 299	21 410,562	318 406,351	14,871	14,408							
46	65	89 461	20 544,305	296 995,790	14,456	13,993							
47	66	88 561	19 697,464	276 451,484	14,035	13,571							
48	67	87 581	18 866,280	256 754,020	13,609	13,146							
49	68	86 534	18 053,929	237 887,740	13,177	12,713							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	2 680 547,558	26,935	26,471	50	70	84 413	17 057,147	211 085,642	12,375	11,912
1	21	99 166	96 044,270	2 581 028,646	26,873	26,410	51	71	83 086	16 260,462	194 028,494	11,933	11,469
2	22	99 125	92 982,813	2 484 984,376	26,725	26,262	52	72	81 645	15 475,503	177 768,032	11,487	11,023
3	23	99 095	90 028,907	2 392 001,563	26,569	26,106	53	73	80 103	14 705,338	162 292,529	11,036	10,573
4	24	99 067	87 170,471	2 301 972,656	26,408	25,944	54	74	78 407	13 940,882	147 587,191	10,587	10,123
5	25	99 040	84 403,106	2 214 802,185	26,241	25,777	55	75	76 595	13 190,041	133 646,309	10,132	9,669
6	26	99 011	81 723,029	2 130 399,079	26,069	25,605	56	76	74 627	12 446,642	120 456,267	9,678	9,214
7	27	98 985	79 129,400	2 048 676,049	25,890	25,427	57	77	72 512	11 713,197	108 009,625	9,221	8,758
8	28	98 954	76 615,123	1 969 546,649	25,707	25,243	58	78	70 276	10 994,650	96 296,428	8,758	8,295
9	29	98 923	74 180,200	1 892 931,526	25,518	25,054	59	79	67 836	10 278,840	85 301,778	8,299	7,835
10	30	98 891	71 821,735	1 818 751,326	25,323	24,860	60	80	65 174	9 564,743	75 022,938	7,844	7,380
11	31	98 856	69 536,153	1 746 929,591	25,123	24,659	61	81	62 276	8 851,636	65 458,195	7,395	6,931
12	32	98 817	67 321,025	1 677 393,438	24,916	24,453	62	82	59 126	8 139,390	56 606,558	6,955	6,491
13	33	98 775	65 174,289	1 610 072,413	24,704	24,240	63	83	55 684	7 424,360	48 467,169	6,528	6,065
14	34	98 731	63 094,827	1 544 898,124	24,485	24,022	64	84	51 929	6 705,757	41 042,809	6,121	5,657
15	35	98 681	61 077,914	1 481 803,297	24,261	23,797	65	85	47 930	5 994,462	34 337,052	5,728	5,265
16	36	98 620	59 118,553	1 420 725,383	24,032	23,568	66	86	43 716	5 295,363	28 342,590	5,352	4,889
17	37	98 550	57 217,288	1 361 606,830	23,797	23,333	67	87	39 316	4 612,503	23 047,228	4,997	4,533
18	38	98 474	55 373,509	1 304 389,542	23,556	23,093	68	88	34 780	3 951,861	18 434,725	4,665	4,201
19	39	98 382	53 580,110	1 249 016,032	23,311	22,848	69	89	30 233	3 327,152	14 482,864	4,353	3,889
20	40	98 278	51 838,878	1 195 435,922	23,061	22,597	70	90	25 784	2 748,168	11 155,712	4,059	3,596
21	41	98 175	50 154,654	1 143 597,044	22,801	22,338	71	91	21 496	2 218,986	8 407,543	3,789	3,325
22	42	98 064	48 520,700	1 093 442,390	22,536	22,072	72	92	17 482	1 747,834	6 188,557	3,541	3,077
23	43	97 944	46 935,813	1 044 921,690	22,263	21,799	73	93	13 823	1 338,529	4 440,723	3,318	2,854
24	44	97 815	45 398,613	997 985,877	21,983	21,519	74	94	10 613	995,308	3 102,194	3,117	2,653
25	45	97 677	43 907,890	952 587,264	21,695	21,232	75	95	7 922	719,625	2 106,886	2,928	2,464
26	46	97 529	42 461,296	908 679,374	21,400	20,937	76	96	5 706	501,969	1 387,261	2,764	2,300
27	47	97 371	41 057,941	866 218,078	21,097	20,634	77	97	3 958	337,255	885,292	2,625	2,161
28	48	97 201	39 696,030	825 160,136	20,787	20,323	78	98	2 679	221,090	548,037	2,479	2,015
29	49	97 008	38 370,435	785 464,107	20,471	20,007	79	99	1 743	139,297	326,947	2,347	1,883
30	50	96 797	37 081,762	747 093,672	20,147	19,684	80	100	1 088	84,220	187,650	2,228	1,764
31	51	96 568	35 829,385	710 011,911	19,816	19,353							
32	52	96 312	34 609,660	674 182,526	19,480	19,016							
33	53	96 041	33 425,927	639 572,866	19,134	18,670							
34	54	95 736	32 270,897	606 146,939	18,783	18,319							
35	55	95 405	31 147,117	573 876,041	18,425	17,961							
36	56	95 036	30 050,104	542 728,924	18,061	17,597							
37	57	94 631	28 980,183	512 678,820	17,691	17,227							
38	58	94 181	27 934,649	483 698,636	17,315	16,852							
39	59	93 693	26 915,058	455 763,987	16,933	16,470							
40	60	93 151	25 917,083	428 848,930	16,547	16,083							
41	61	92 559	24 941,696	402 931,847	16,155	15,691							
42	62	91 908	23 986,813	377 990,151	15,758	15,295							
43	63	91 217	23 056,895	354 003,338	15,353	14,890							
44	64	90 455	22 144,800	330 946,443	14,945	14,481							
45	65	89 630	21 251,935	308 801,643	14,531	14,067							
46	66	88 744	20 379,670	287 549,708	14,110	13,646							
47	67	87 786	19 524,959	267 170,038	13,684	13,220							
48	68	86 761	18 689,731	247 645,079	13,250	12,787							
49	69	85 651	17 869,707	228 955,349	12,812	12,349							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	2 668 073,205	26,814	26,350	50	71	83 353	16 843,050	202 112,494	12,000	11,536
1	22	99 149	96 027,962	2 568 570,583	26,748	26,285	51	72	81 938	16 035,832	185 269,444	11,553	11,090
2	23	99 108	92 967,213	2 472 542,621	26,596	26,132	52	73	80 424	15 244,177	169 233,612	11,102	10,638
3	24	99 079	90 014,182	2 379 575,408	26,436	25,972	53	74	78 762	14 459,229	153 989,435	10,650	10,186
4	25	99 051	87 156,152	2 289 561,226	26,270	25,806	54	75	76 980	13 687,268	139 530,206	10,194	9,731
5	26	99 020	84 386,697	2 202 405,075	26,099	25,635	55	76	75 054	12 924,658	125 842,938	9,737	9,273
6	27	98 994	81 708,463	2 118 018,378	25,922	25,458	56	77	72 974	12 170,964	112 918,280	9,278	8,814
7	28	98 964	79 112,803	2 036 309,915	25,739	25,276	57	78	70 776	11 432,801	100 747,316	8,812	8,349
8	29	98 931	76 596,890	1 957 197,112	25,552	25,088	58	79	68 364	10 695,513	89 314,515	8,351	7,887
9	30	98 899	74 161,895	1 880 600,222	25,358	24,894	59	80	65 746	9 962,165	78 619,002	7,892	7,428
10	31	98 863	71 801,425	1 806 438,327	25,159	24,695	60	81	62 876	9 227,476	68 656,836	7,440	6,977
11	32	98 824	69 513,762	1 734 636,902	24,954	24,490	61	82	59 759	8 493,895	59 429,360	6,997	6,533
12	33	98 784	67 298,411	1 665 123,140	24,742	24,279	62	83	56 347	7 756,820	50 935,465	6,567	6,103
13	34	98 740	65 151,463	1 597 824,729	24,525	24,061	63	84	52 611	7 014,566	43 178,646	6,156	5,692
14	35	98 694	63 070,738	1 532 673,265	24,301	23,837	64	85	48 617	6 278,010	36 164,080	5,760	5,297
15	36	98 635	61 049,394	1 469 602,528	24,072	23,609	65	86	44 398	5 552,707	29 886,070	5,382	4,919
16	37	98 573	59 090,362	1 408 553,133	23,837	23,374	66	87	39 988	4 843,782	24 333,362	5,024	4,560
17	38	98 501	57 188,397	1 349 462,771	23,597	23,133	67	88	35 420	4 155,428	19 489,580	4,690	4,227
18	39	98 420	55 342,827	1 292 274,374	23,350	22,887	68	89	30 839	3 504,099	15 334,152	4,376	3,912
19	40	98 318	53 545,248	1 236 931,548	23,101	22,637	69	90	26 339	2 898,594	11 830,053	4,081	3,618
20	41	98 216	51 806,058	1 183 386,299	22,843	22,379	70	91	21 991	2 343,866	8 931,459	3,811	3,347
21	42	98 103	50 117,894	1 131 580,242	22,578	22,115	71	92	17 929	1 850,794	6 587,593	3,559	3,096
22	43	97 985	48 481,551	1 081 462,348	22,307	21,843	72	93	14 196	1 419,336	4 736,799	3,337	2,874
23	44	97 856	46 893,772	1 032 980,797	22,028	21,564	73	94	10 928	1 058,162	3 317,463	3,135	2,671
24	45	97 722	45 355,673	986 087,024	21,741	21,278	74	95	8 177	766,928	2 259,301	2,946	2,482
25	46	97 572	43 860,660	940 731,352	21,448	20,985	75	96	5 908	536,657	1 492,373	2,781	2,317
26	47	97 414	42 411,014	896 870,691	21,147	20,683	76	97	4 112	361,763	955,715	2,642	2,178
27	48	97 244	41 004,592	854 459,678	20,838	20,375	77	98	2 792	237,852	593,952	2,497	2,034
28	49	97 053	39 635,806	813 455,086	20,523	20,060	78	99	1 824	150,557	356,100	2,365	1,902
29	50	96 845	38 305,816	773 819,279	20,201	19,737	79	100	1 145	91,483	205,543	2,247	1,783
30	51	96 619	37 013,386	735 513,463	19,872	19,408							
31	52	96 367	35 754,985	698 500,076	19,536	19,072							
32	53	96 099	34 533,366	662 745,092	19,191	18,728							
33	54	95 803	33 343,078	628 211,726	18,841	18,377							
34	55	95 472	32 182,014	594 868,647	18,485	18,021							
35	56	95 108	31 050,175	562 686,633	18,122	17,658							
36	57	94 715	29 948,487	531 636,458	17,752	17,288							
37	58	94 276	28 871,326	501 687,970	17,377	16,913							
38	59	93 788	27 818,061	472 816,645	16,997	16,533							
39	60	93 259	26 790,321	444 998,583	16,610	16,147							
40	61	92 674	25 784,211	418 208,263	16,220	15,756							
41	62	92 042	24 802,367	392 424,052	15,822	15,358							
42	63	91 346	23 839,968	367 621,685	15,420	14,957							
43	64	90 600	22 901,026	343 781,717	15,012	14,548							
44	65	89 785	21 980,734	320 880,691	14,598	14,135							
45	66	88 911	21 081,629	298 899,957	14,178	13,715							
46	67	87 967	20 201,189	277 818,328	13,753	13,289							
47	68	86 964	19 342,245	257 617,139	13,319	12,855							
48	69	85 876	18 499,021	238 274,893	12,880	12,417							
49	70	84 662	17 663,378	219 775,872	12,442	11,979							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	2 655 064,581	26,688	26,224	50	72	82 202	16 610,372	192 927,938	11,615	11,151
1	23	99 132	96 011,851	2 555 578,854	26,617	26,154	51	73	80 713	15 796,130	176 317,567	11,162	10,698
2	24	99 092	92 952,007	2 459 567,003	26,461	25,997	52	74	79 078	14 989,050	160 521,436	10,709	10,246
3	25	99 063	89 999,395	2 366 614,996	26,296	25,832	53	75	77 329	14 196,185	145 532,387	10,252	9,788
4	26	99 032	87 139,207	2 276 615,601	26,126	25,663	54	76	75 432	13 411,880	131 336,202	9,793	9,329
5	27	99 003	84 371,656	2 189 476,394	25,950	25,487	55	77	73 391	12 638,392	117 924,321	9,331	8,867
6	28	98 973	81 691,325	2 105 104,738	25,769	25,305	56	78	71 227	11 879,610	105 285,929	8,863	8,399
7	29	98 940	79 093,975	2 023 413,413	25,582	25,119	57	79	68 850	11 121,743	93 406,319	8,399	7,935
8	30	98 906	76 577,988	1 944 319,438	25,390	24,926	58	80	66 257	10 366,002	82 284,576	7,938	7,474
9	31	98 871	74 140,923	1 867 741,449	25,192	24,728	59	81	63 427	9 610,884	71 918,574	7,483	7,019
10	32	98 831	71 778,305	1 793 600,527	24,988	24,524	60	82	60 335	8 854,545	62 307,690	7,037	6,573
11	33	98 791	69 490,412	1 721 822,222	24,778	24,314	61	83	56 950	8 094,662	53 453,145	6,604	6,140
12	34	98 749	67 274,842	1 652 331,810	24,561	24,097	62	84	53 236	7 328,675	45 358,482	6,189	5,726
13	35	98 703	65 126,589	1 585 056,968	24,338	23,874	63	85	49 255	6 567,121	38 029,807	5,791	5,327
14	36	98 647	63 041,288	1 519 930,379	24,110	23,646	64	86	45 034	5 815,360	31 462,686	5,410	4,947
15	37	98 588	61 020,283	1 456 889,092	23,875	23,412	65	87	40 611	5 079,181	25 647,326	5,050	4,586
16	38	98 523	59 060,525	1 395 868,809	23,635	23,171	66	88	36 025	4 363,789	20 568,146	4,713	4,250
17	39	98 446	57 156,708	1 336 808,284	23,388	22,925	67	89	31 407	3 684,601	16 204,357	4,398	3,934
18	40	98 356	55 306,818	1 279 651,575	23,137	22,674	68	90	26 867	3 052,750	12 519,756	4,101	3,638
19	41	98 256	53 511,348	1 224 344,758	22,880	22,416	69	91	22 464	2 472,161	9 467,006	3,829	3,366
20	42	98 144	51 768,087	1 170 833,410	22,617	22,153	70	92	18 342	1 954,952	6 994,845	3,578	3,114
21	43	98 024	50 077,456	1 119 065,323	22,347	21,883	71	93	14 559	1 502,945	5 039,892	3,353	2,890
22	44	97 897	48 438,127	1 068 987,868	22,069	21,606	72	94	11 223	1 122,044	3 536,947	3,152	2,689
23	45	97 763	46 849,418	1 020 549,741	21,784	21,320	73	95	8 420	815,360	2 414,904	2,962	2,498
24	46	97 617	45 306,885	973 700,323	21,491	21,028	74	96	6 098	571,934	1 599,543	2,797	2,333
25	47	97 457	43 808,721	928 393,438	21,192	20,728	75	97	4 258	386,762	1 027,610	2,657	2,193
26	48	97 287	42 355,906	884 584,717	20,885	20,421	76	98	2 900	255,137	640,847	2,512	2,048
27	49	97 097	40 942,384	842 228,811	20,571	20,107	77	99	1 901	161,972	385,711	2,381	1,918
28	50	96 890	39 569,057	801 286,427	20,250	19,787	78	100	1 198	98,878	223,739	2,263	1,799
29	51	96 666	38 235,184	761 717,370	19,922	19,458							
30	52	96 418	36 936,528	723 482,185	19,587	19,124							
31	53	96 155	35 676,166	686 545,658	19,244	18,780							
32	54	95 861	34 447,772	650 869,492	18,894	18,431							
33	55	95 539	33 251,242	616 421,719	18,538	18,075							
34	56	95 175	32 081,852	583 170,477	18,178	17,714							
35	57	94 786	30 945,176	551 088,625	17,809	17,345							
36	58	94 359	29 835,992	520 143,449	17,433	16,970							
37	59	93 882	28 750,829	490 307,457	17,054	16,590							
38	60	93 354	27 689,140	461 556,628	16,669	16,206							
39	61	92 781	26 652,972	433 867,488	16,278	15,815							
40	62	92 156	25 640,175	407 214,516	15,882	15,418							
41	63	91 478	24 650,529	381 574,341	15,479	15,016							
42	64	90 728	23 678,805	356 923,812	15,074	14,610							
43	65	89 929	22 731,357	333 245,006	14,660	14,197							
44	66	89 066	21 804,587	310 513,649	14,241	13,777							
45	67	88 133	20 897,001	288 709,062	13,816	13,352							
46	68	87 144	20 012,148	267 812,061	13,382	12,919							
47	69	86 077	19 144,878	247 799,914	12,943	12,480							
48	70	84 884	18 285,426	228 655,036	12,505	12,041							
49	71	83 599	17 441,672	210 369,610	12,061	11,598							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	2 641 510,166	26,556	26,092	50	73	80 973	16 362,082	183 549,933	11,218	10,754
1	24	99 116	95 996,147	2 542 041,130	26,481	26,017	51	74	79 362	15 531,765	167 187,852	10,764	10,301
2	25	99 076	92 936,738	2 446 044,983	26,319	25,856	52	75	77 640	14 716,367	151 656,086	10,305	9,842
3	26	99 043	89 981,898	2 353 108,245	26,151	25,687	53	76	75 774	13 910,558	136 939,719	9,844	9,381
4	27	99 014	87 123,676	2 263 126,347	25,976	25,512	54	77	73 761	13 114,823	123 029,161	9,381	8,917
5	28	98 982	84 353,959	2 176 002,671	25,796	25,332	55	78	71 635	12 335,848	109 914,338	8,910	8,447
6	29	98 949	81 671,883	2 091 648,712	25,610	25,147	56	79	69 289	11 556,396	97 578,490	8,444	7,980
7	30	98 916	79 074,457	2 009 976,829	25,419	24,955	57	80	66 729	10 779,100	86 022,094	7,980	7,517
8	31	98 878	76 556,333	1 930 902,371	25,222	24,758	58	81	63 921	10 000,481	75 242,993	7,524	7,060
9	32	98 839	74 117,049	1 854 346,038	25,019	24,556	59	82	60 864	9 222,458	65 242,512	7,074	6,611
10	33	98 798	71 754,194	1 780 228,989	24,810	24,346	60	83	57 499	8 438,361	56 020,055	6,639	6,175
11	34	98 756	69 466,075	1 708 474,795	24,594	24,131	61	84	53 806	7 647,871	47 581,694	6,222	5,758
12	35	98 711	67 249,156	1 639 008,721	24,372	23,909	62	85	49 841	6 861,194	39 933,823	5,820	5,357
13	36	98 657	65 096,179	1 571 759,564	24,145	23,682	63	86	45 625	6 083,165	33 072,629	5,437	4,973
14	37	98 600	63 011,226	1 506 663,385	23,911	23,447	64	87	41 194	5 319,435	26 989,465	5,074	4,610
15	38	98 538	60 989,471	1 443 652,159	23,671	23,207	65	88	36 587	4 575,860	21 670,030	4,736	4,272
16	39	98 469	59 027,799	1 382 662,688	23,424	22,960	66	89	31 943	3 869,354	17 094,169	4,418	3,954
17	40	98 382	57 119,520	1 323 634,889	23,173	22,709	67	90	27 361	3 210,002	13 224,816	4,120	3,656
18	41	98 293	55 271,802	1 266 515,369	22,914	22,451	68	91	22 914	2 603,638	10 014,814	3,846	3,383
19	42	98 184	53 472,127	1 211 243,567	22,652	22,188	69	92	18 737	2 061,960	7 411,176	3,594	3,131
20	43	98 065	51 726,317	1 157 771,441	22,383	21,919	70	93	14 894	1 587,527	5 349,216	3,370	2,906
21	44	97 936	50 032,602	1 106 045,123	22,106	21,643	71	94	11 510	1 188,140	3 761,688	3,166	2,702
22	45	97 804	48 392,312	1 056 012,521	21,822	21,358	72	95	8 648	864,584	2 573,548	2,977	2,513
23	46	97 658	46 799,024	1 007 620,210	21,531	21,067	73	96	6 279	608,052	1 708,965	2,811	2,347
24	47	97 501	45 253,233	960 821,186	21,232	20,768	74	97	4 395	412,185	1 100,913	2,671	2,207
25	48	97 330	43 751,797	915 567,953	20,926	20,463	75	98	3 003	272,768	688,727	2,525	2,061
26	49	97 140	42 291,647	871 816,155	20,614	20,151	76	99	1 975	173,742	415,960	2,394	1,930
27	50	96 933	40 873,434	829 524,508	20,295	19,831	77	100	1 248	106,374	242,218	2,277	1,813
28	51	96 711	39 496,096	788 651,074	19,968	19,504							
29	52	96 466	38 155,789	749 154,978	19,634	19,170							
30	53	96 205	36 855,104	710 999,189	19,292	18,828							
31	54	95 916	35 587,739	674 144,085	18,943	18,480							
32	55	95 597	34 352,894	638 556,346	18,588	18,125							
33	56	95 241	33 147,752	604 203,452	18,228	17,764							
34	57	94 853	31 973,364	571 055,700	17,860	17,397							
35	58	94 430	30 828,937	539 082,336	17,486	17,023							
36	59	93 965	29 711,469	508 253,398	17,106	16,643							
37	60	93 447	28 617,584	478 541,929	16,722	16,258							
38	61	92 875	27 547,183	449 924,345	16,333	15,869							
39	62	92 262	26 504,084	422 377,162	15,936	15,473							
40	63	91 592	25 483,208	395 873,078	15,535	15,071							
41	64	90 860	24 483,887	370 389,870	15,128	14,664							
42	65	90 056	23 503,374	345 905,983	14,717	14,254							
43	66	89 208	22 549,195	322 402,609	14,298	13,834							
44	67	88 286	21 613,628	299 853,414	13,873	13,410							
45	68	87 308	20 701,448	278 239,786	13,441	12,977							
46	69	86 255	19 807,944	257 538,338	13,002	12,538							
47	70	85 083	18 923,825	237 730,394	12,562	12,099							
48	71	83 819	18 055,912	218 806,569	12,118	11,655							
49	72	82 444	17 200,724	200 750,657	11,671	11,207							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	2 627 397,291	26,419	25,955	50	74	79 618	16 088,245	173 994,040	10,815	10,351
1	25	99 100	95 980,378	2 527 944,525	26,338	25,875	51	75	77 918	15 249,210	157 905,795	10,355	9,891
2	26	99 057	92 918,670	2 431 964,147	26,173	25,709	52	76	76 078	14 420,274	142 656,585	9,893	9,429
3	27	99 026	89 965,860	2 339 045,477	25,999	25,536	53	77	74 095	13 602,456	128 236,311	9,427	8,964
4	28	98 993	87 105,402	2 249 079,617	25,820	25,357	54	78	71 995	12 800,875	114 633,855	8,955	8,492
5	29	98 958	84 333,884	2 161 974,216	25,636	25,172	55	79	69 686	12 000,221	101 832,981	8,486	8,022
6	30	98 925	81 651,729	2 077 640,332	25,445	24,982	56	80	67 155	11 200,362	89 832,760	8,021	7,557
7	31	98 888	79 052,096	1 995 988,602	25,249	24,785	57	81	64 376	10 399,013	78 632,398	7,562	7,098
8	32	98 847	76 531,682	1 916 936,506	25,048	24,584	58	82	61 338	9 596,309	68 233,385	7,110	6,647
9	33	98 806	74 092,152	1 840 404,824	24,839	24,376	59	83	58 003	8 788,981	58 637,076	6,672	6,208
10	34	98 763	71 729,064	1 766 312,672	24,625	24,161	60	84	54 325	7 972,598	49 848,095	6,252	5,789
11	35	98 718	69 439,553	1 694 583,608	24,404	23,940	61	85	50 374	7 160,028	41 875,497	5,849	5,385
12	36	98 665	67 217,755	1 625 144,055	24,177	23,714	62	86	46 168	6 355,567	34 715,469	5,462	4,999
13	37	98 610	65 065,137	1 557 926,300	23,944	23,480	63	87	41 734	5 564,402	28 359,902	5,097	4,633
14	38	98 551	62 979,410	1 492 861,163	23,704	23,240	64	88	37 111	4 792,307	22 795,500	4,757	4,293
15	39	98 484	60 955,677	1 429 881,753	23,458	22,994	65	89	32 442	4 057,397	18 003,194	4,437	3,974
16	40	98 404	58 989,393	1 368 926,076	23,206	22,743	66	90	27 829	3 370,957	13 945,797	4,137	3,673
17	41	98 320	57 083,356	1 309 936,683	22,948	22,484	67	91	23 336	2 737,756	10 574,840	3,863	3,399
18	42	98 221	55 231,291	1 252 853,327	22,684	22,220	68	92	19 112	2 171,621	7 837,084	3,609	3,145
19	43	98 104	53 428,983	1 197 622,037	22,415	21,952	69	93	15 215	1 674,423	5 665,463	3,384	2,920
20	44	97 977	51 679,986	1 144 193,054	22,140	21,676	70	94	11 775	1 255,006	3 991,039	3,180	2,716
21	45	97 844	49 985,278	1 092 513,068	21,857	21,393	71	95	8 869	915,513	2 736,034	2,989	2,525
22	46	97 699	48 340,258	1 042 527,789	21,566	21,103	72	96	6 449	644,760	1 820,520	2,824	2,360
23	47	97 542	46 743,605	994 187,531	21,269	20,805	73	97	4 525	438,215	1 175,760	2,683	2,219
24	48	97 375	45 194,433	947 443,927	20,964	20,500	74	98	3 100	290,698	737,545	2,537	2,074
25	49	97 182	43 685,421	902 249,494	20,653	20,190	75	99	2 045	185,748	446,847	2,406	1,942
26	50	96 976	42 220,426	858 564,073	20,335	19,872	76	100	1 297	114,104	261,099	2,288	1,825
27	51	96 755	40 798,067	816 343,647	20,009	19,546							
28	52	96 510	39 414,082	775 545,580	19,677	19,213							
29	53	96 253	38 071,677	736 131,498	19,335	18,872							
30	54	95 967	36 763,756	698 059,821	18,988	18,524							
31	55	95 652	35 489,721	661 296,065	18,633	18,170							
32	56	95 300	34 245,975	625 806,344	18,274	17,810							
33	57	94 919	33 035,660	591 560,369	17,907	17,443							
34	58	94 497	31 853,263	558 524,709	17,534	17,071							
35	59	94 036	30 700,271	526 671,446	17,155	16,692							
36	60	93 530	29 573,773	495 971,176	16,771	16,307							
37	61	92 968	28 470,867	466 397,403	16,382	15,918							
38	62	92 356	27 393,299	437 926,536	15,987	15,523							
39	63	91 698	26 341,828	410 533,237	15,585	15,121							
40	64	90 973	25 310,937	384 191,409	15,179	14,715							
41	65	90 187	24 302,491	358 880,471	14,767	14,304							
42	66	89 334	23 315,025	334 577,981	14,350	13,887							
43	67	88 427	22 351,714	311 262,956	13,926	13,462							
44	68	87 460	21 411,369	288 911,241	13,493	13,030							
45	69	86 417	20 490,211	267 499,872	13,055	12,591							
46	70	85 259	19 579,236	247 009,661	12,616	12,152							
47	71	84 015	18 686,298	227 430,425	12,171	11,707							
48	72	82 661	17 806,478	208 744,127	11,723	11,259							
49	73	81 212	16 943,609	190 937,649	11,269	10,805							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	2 612 712,708	26,275	25,812	50	75	78 170	15 795,566	164 286,691	10,401	9,937
1	26	99 080	95 961,718	2 513 276,278	26,190	25,727	51	76	76 351	14 942,396	148 491,125	9,938	9,474
2	27	99 039	92 902,108	2 417 314,560	26,020	25,556	52	77	74 393	14 100,882	133 548,729	9,471	9,007
3	28	99 005	89 946,990	2 324 412,452	25,842	25,378	53	78	72 322	13 276,834	119 447,847	8,997	8,533
4	29	98 970	87 084,671	2 234 465,462	25,659	25,195	54	79	70 036	12 452,595	106 171,013	8,526	8,062
5	30	98 934	84 313,073	2 147 380,791	25,469	25,006	55	80	67 539	11 630,514	93 718,418	8,058	7,594
6	31	98 897	81 628,640	2 063 067,718	25,274	24,810	56	81	64 787	10 805,420	82 087,904	7,597	7,133
7	32	98 856	79 026,641	1 981 439,078	25,073	24,609	57	82	61 774	9 978,734	71 282,484	7,143	6,680
8	33	98 813	76 505,974	1 902 412,437	24,866	24,403	58	83	58 455	9 145,260	61 303,750	6,703	6,240
9	34	98 771	74 066,203	1 825 906,463	24,652	24,189	59	84	54 802	8 303,866	52 158,490	6,281	5,818
10	35	98 726	71 701,678	1 751 840,260	24,432	23,969	60	85	50 860	7 464,042	43 854,624	5,875	5,412
11	36	98 672	69 407,129	1 680 138,582	24,207	23,743	61	86	46 662	6 632,379	36 390,582	5,487	5,023
12	37	98 618	67 185,702	1 610 731,453	23,974	23,511	62	87	42 231	5 813,573	29 758,203	5,119	4,655
13	38	98 560	65 032,284	1 543 545,751	23,735	23,271	63	88	37 599	5 012,999	23 944,630	4,777	4,313
14	39	98 496	62 944,512	1 478 513,467	23,489	23,026	64	89	32 907	4 249,319	18 931,631	4,455	3,992
15	40	98 420	60 916,016	1 415 568,955	23,238	22,774	65	90	28 263	3 534,779	14 682,312	4,154	3,690
16	41	98 342	58 952,045	1 354 652,939	22,979	22,515	66	91	23 735	2 875,032	11 147,533	3,877	3,414
17	42	98 248	57 041,517	1 295 700,893	22,715	22,251	67	92	19 464	2 283,485	8 272,502	3,623	3,159
18	43	98 142	55 186,727	1 238 659,376	22,445	21,981	68	93	15 520	1 763,474	5 989,017	3,396	2,933
19	44	98 016	53 381,127	1 183 472,649	22,170	21,707	69	94	12 028	1 323,701	4 225,543	3,192	2,729
20	45	97 884	51 631,105	1 130 091,523	21,888	21,424	70	95	9 073	967,037	2 901,842	3,001	2,537
21	46	97 739	49 931,511	1 078 460,418	21,599	21,135	71	96	6 614	682,741	1 934,805	2,834	2,370
22	47	97 583	48 283,014	1 028 528,906	21,302	20,838	72	97	4 648	464,670	1 252,064	2,695	2,231
23	48	97 416	46 682,868	980 245,893	20,998	20,534	73	98	3 192	309,055	787,394	2,548	2,084
24	49	97 227	45 125,868	933 563,025	20,688	20,224	74	99	2 111	197,958	478,339	2,416	1,953
25	50	97 019	43 611,852	888 437,157	20,371	19,908	75	100	1 343	121,989	280,380	2,298	1,835
26	51	96 797	42 142,575	844 825,305	20,047	19,583							
27	52	96 554	40 713,350	802 682,730	19,715	19,252							
28	53	96 297	39 327,197	761 969,380	19,375	18,912							
29	54	96 014	37 977,314	722 642,183	19,028	18,565							
30	55	95 703	36 662,499	684 664,869	18,675	18,211							
31	56	95 354	35 379,264	648 002,371	18,316	17,852							
32	57	94 977	34 130,169	612 623,107	17,950	17,486							
33	58	94 563	32 911,568	578 492,939	17,577	17,114							
34	59	94 102	31 720,321	545 581,370	17,200	16,736							
35	60	93 600	30 557,991	513 861,049	16,816	16,352							
36	61	93 050	29 422,154	483 303,058	16,427	15,963							
37	62	92 449	28 311,824	453 880,904	16,031	15,568							
38	63	91 791	27 225,600	425 569,081	15,631	15,168							
39	64	91 078	26 163,752	398 343,481	15,225	14,761							
40	65	90 299	25 123,414	372 179,729	14,814	14,350							
41	66	89 464	24 107,738	347 056,315	14,396	13,932							
42	67	88 552	23 110,838	322 948,577	13,974	13,510							
43	68	87 599	22 142,549	299 837,739	13,541	13,078							
44	69	86 567	21 192,888	277 695,191	13,103	12,640							
45	70	85 419	20 253,625	256 502,303	12,665	12,201							
46	71	84 189	19 333,482	236 248,678	12,220	11,756							
47	72	82 854	18 428,156	216 915,196	11,771	11,307							
48	73	81 425	17 540,309	198 487,040	11,316	10,852							
49	74	79 853	16 660,040	180 946,731	10,861	10,397							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0							50	49	94 357	19 066,586	336 218,212	17,634	17,170
1	0	99 661	96 524,361	2 737 846,345	28,364	27,901	51	50	93 896	18 376,089	317 151,626	17,259	16,795
2	1	99 349	93 193,186	2 641 321,984	28,342	27,879	52	51	93 387	17 701,286	298 775,537	16,879	16,415
3	2	99 314	90 227,666	2 548 128,798	28,241	27,777	53	52	92 821	17 040,138	281 074,251	16,495	16,031
4	3	99 289	87 365,729	2 457 901,132	28,133	27,670	54	53	92 198	16 393,052	264 034,113	16,106	15,643
5	4	99 268	84 597,628	2 370 535,403	28,021	27,558	55	54	91 509	15 758,374	247 641,062	15,715	15,251
6	5	99 250	81 919,761	2 285 937,775	27,905	27,441	56	55	90 738	15 133,757	231 882,687	15,322	14,859
7	6	99 234	79 328,638	2 204 018,014	27,783	27,320	57	56	89 883	14 519,225	216 748,930	14,928	14,465
8	7	99 217	76 818,535	2 124 689,376	27,659	27,195	58	57	88 946	13 915,573	202 229,705	14,533	14,069
9	8	99 205	74 391,309	2 047 870,841	27,528	27,065	59	58	87 927	13 323,219	188 314,133	14,134	13,671
10	9	99 190	72 038,718	1 973 479,532	27,395	26,931	60	59	86 799	12 738,327	174 990,914	13,737	13,274
11	10	99 177	69 762,252	1 901 440,814	27,256	26,792	61	60	85 572	12 162,857	162 252,587	13,340	12,876
12	11	99 165	67 557,920	1 831 678,562	27,113	26,649	62	61	84 231	11 595,468	150 089,730	12,944	12,480
13	12	99 148	65 420,576	1 764 120,642	26,966	26,502	63	62	82 776	11 036,484	138 494,262	12,549	12,085
14	13	99 133	63 351,440	1 698 700,066	26,814	26,350	64	63	81 204	10 486,025	127 457,778	12,155	11,691
15	14	99 113	61 344,898	1 635 348,626	26,658	26,195	65	64	79 515	9 944,734	116 971,752	11,762	11,299
16	15	99 088	59 399,231	1 574 003,728	26,499	26,035	66	65	77 714	9 413,574	107 027,018	11,369	10,906
17	16	99 054	57 509,707	1 514 604,497	26,337	25,873	67	66	75 796	8 892,262	97 613,444	10,977	10,514
18	17	99 015	55 677,504	1 457 094,790	26,170	25,707	68	67	73 774	8 382,586	88 721,182	10,584	10,120
19	18	98 964	53 897,139	1 401 417,286	26,002	25,538	69	68	71 648	7 884,805	80 338,596	10,189	9,725
20	19	98 908	52 171,085	1 347 520,147	25,829	25,365	70	69	69 422	7 399,334	72 453,791	9,792	9,328
21	20	98 851	50 499,744	1 295 349,062	25,651	25,187	71	70	67 076	6 924,219	65 054,457	9,395	8,932
22	21	98 795	48 882,379	1 244 849,318	25,466	25,003	72	71	64 582	6 456,949	58 130,239	9,003	8,539
23	22	98 737	47 315,825	1 195 966,939	25,276	24,813	73	72	62 016	6 005,214	51 673,290	8,605	8,141
24	23	98 678	45 799,524	1 148 651,113	25,080	24,616	74	73	59 328	5 564,073	45 668,076	8,208	7,744
25	24	98 617	44 330,322	1 102 851,590	24,878	24,414	75	74	56 516	5 133,509	40 104,003	7,812	7,349
26	25	98 557	42 908,923	1 058 521,268	24,669	24,205	76	75	53 588	4 714,337	34 970,494	7,418	6,954
27	26	98 495	41 531,889	1 015 612,346	24,454	23,990	77	76	50 543	4 306,534	30 256,157	7,026	6,562
28	27	98 433	40 199,333	974 080,456	24,231	23,768	78	77	47 434	3 914,383	25 949,623	6,629	6,166
29	28	98 367	38 907,808	933 881,123	24,002	23,539	79	78	44 228	3 534,932	22 035,240	6,234	5,770
30	29	98 295	37 655,553	894 973,314	23,767	23,304	80	79	40 896	3 165,743	18 500,308	5,844	5,380
31	30	98 219	36 442,015	857 317,761	23,526	23,062	81	80	37 425	2 805,859	15 334,566	5,465	5,002
32	31	98 135	35 264,708	820 875,747	23,278	22,814	82	81	33 859	2 458,642	12 528,706	5,096	4,632
33	32	98 043	34 122,824	785 611,039	23,023	22,559	83	82	30 236	2 126,431	10 070,065	4,736	4,272
34	33	97 941	33 014,476	751 488,214	22,762	22,299	84	83	26 539	1 807,645	7 943,634	4,394	3,931
35	34	97 838	31 941,618	718 473,738	22,493	22,030	85	84	22 828	1 505,937	6 135,989	4,075	3,611
36	35	97 727	30 901,033	686 532,120	22,217	21,754	86	85	19 194	1 226,340	4 630,052	3,776	3,312
37	36	97 595	29 887,969	655 631,087	21,936	21,473	87	86	15 740	974,047	3 403,712	3,494	3,031
38	37	97 451	28 904,519	625 743,118	21,649	21,185	88	87	12 540	751,590	2 429,665	3,233	2,769
39	38	97 303	27 952,127	596 838,598	21,352	20,889	89	88	9 640	559,571	1 678,076	2,999	2,535
40	39	97 137	27 026,036	568 886,472	21,050	20,586	90	89	7 136	401,170	1 118,504	2,788	2,324
41	40	96 954	26 125,934	541 860,436	20,740	20,277	91	90	5 077	276,420	717,334	2,595	2,131
42	41	96 752	25 250,861	515 734,502	20,424	19,961	92	91	3 461	182,511	440,914	2,416	1,952
43	42	96 544	24 403,545	490 483,641	20,099	19,635	93	92	2 240	114,419	258,403	2,258	1,795
44	43	96 312	23 578,664	466 080,096	19,767	19,303	94	93	1 374	67,947	143,984	2,119	1,655
45	44	96 059	22 776,464	442 501,433	19,428	18,964	95	94	793	37,983	76,037	2,002	1,538
46	45	95 788	21 997,246	419 724,968	19,081	18,617	96	95	433	20,100	38,055	1,893	1,430
47	46	95 488	21 238,024	397 727,722	18,727	18,264	97	96	221	9,951	17,955	1,804	1,341
48	47	95 152	20 497,253	376 489,698	18,368	17,904	98	97	106	4,633	8,004	1,727	1,264
49	48	94 779	19 774,234	355 992,445	18,003	17,539	99	98	49	2,051	3,371	1,644	1,180
							100	99	21	0,838	1,320	1,576	1,112

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	19 095,556	339 119,098	17,759	17,295
1							51	49	94 054	18 407,088	320 023,542	17,386	16,922
2	0	99 637	93 463,470	2 645 000,175	28,300	27,836	52	50	93 560	17 733,986	301 616,455	17,008	16,544
3	1	99 336	90 247,738	2 551 536,705	28,273	27,809	53	51	93 014	17 075,596	283 882,469	16,625	16,161
4	2	99 302	87 377,211	2 461 288,967	28,169	27,705	54	52	92 402	16 429,269	266 806,873	16,240	15,776
5	3	99 278	84 606,063	2 373 911,756	28,058	27,595	55	53	91 737	15 797,530	250 377,605	15,849	15,386
6	4	99 259	81 927,303	2 289 305,693	27,943	27,480	56	54	90 989	15 175,555	234 580,075	15,458	14,994
7	5	99 241	79 334,029	2 207 378,390	27,824	27,360	57	55	90 163	14 564,555	219 404,520	15,064	14,601
8	6	99 224	76 824,144	2 128 044,361	27,707	27,237	58	56	89 247	13 962,789	204 839,965	14,670	14,207
9	7	99 210	74 394,852	2 051 220,217	27,572	27,108	59	57	88 259	13 373,453	190 877,176	14,273	13,809
10	8	99 197	72 043,910	1 976 825,365	27,439	26,976	60	58	87 163	12 791,714	177 503,723	13,876	13,413
11	9	99 182	69 765,960	1 904 781,455	27,302	26,839	61	59	85 970	12 219,488	164 712,009	13,479	13,016
12	10	99 170	67 561,676	1 835 015,495	27,161	26,697	62	60	84 665	11 655,222	152 492,521	13,084	12,620
13	11	99 156	65 425,607	1 767 453,819	27,015	26,551	63	61	83 241	11 098,482	140 837,299	12,690	12,226
14	12	99 139	63 355,444	1 702 028,211	26,865	26,401	64	62	81 704	10 550,615	129 738,816	12,297	11,833
15	13	99 121	61 349,747	1 638 672,767	26,710	26,247	65	63	80 056	10 012,420	119 188,201	11,904	11,440
16	14	99 097	59 404,711	1 577 323,020	26,552	26,089	66	64	78 294	9 483,838	109 175,781	11,512	11,048
17	15	99 066	57 516,366	1 517 918,309	26,391	25,927	67	65	76 408	8 964,098	99 691,943	11,121	10,658
18	16	99 028	55 684,623	1 460 401,943	26,226	25,763	68	66	74 426	8 456,647	90 727,846	10,729	10,265
19	17	98 977	53 904,128	1 404 717,320	26,060	25,596	69	67	72 325	7 959,288	82 271,199	10,337	9,873
20	18	98 924	52 179,555	1 350 813,192	25,888	25,424	70	68	70 138	7 475,615	74 311,911	9,941	9,477
21	19	98 867	50 508,046	1 298 633,638	25,711	25,248	71	69	67 859	7 005,102	66 836,296	9,541	9,077
22	20	98 811	48 890,382	1 248 125,592	25,529	25,065	72	70	65 403	6 539,025	59 831,195	9,150	8,686
23	21	98 753	47 323,861	1 199 235,210	25,341	24,877	73	71	62 885	6 089,335	53 292,169	8,752	8,288
24	22	98 695	45 807,209	1 151 911,350	25,147	24,683	74	72	60 228	5 648,506	47 202,835	8,357	7,893
25	23	98 633	44 337,573	1 106 104,141	24,947	24,484	75	73	57 478	5 220,886	41 554,328	7,959	7,496
26	24	98 574	42 915,972	1 061 766,567	24,741	24,277	76	74	54 581	4 801,689	36 333,442	7,567	7,103
27	25	98 514	41 539,965	1 018 850,595	24,527	24,063	77	75	51 581	4 394,961	31 531,753	7,175	6,711
28	26	98 451	40 206,500	977 310,629	24,307	23,844	78	76	48 508	4 003,046	27 136,792	6,779	6,315
29	27	98 387	38 915,971	937 104,130	24,080	23,617	79	77	45 313	3 621,628	23 133,746	6,388	5,924
30	28	98 318	37 664,517	898 188,159	23,847	23,383	80	78	42 040	3 254,284	19 512,118	5,996	5,532
31	29	98 243	36 451,009	860 523,642	23,608	23,144	81	79	38 615	2 895,051	16 257,834	5,616	5,152
32	30	98 162	35 274,683	824 072,632	23,362	22,898	82	80	35 097	2 548,506	13 362,783	5,243	4,780
33	31	98 075	34 133,816	788 797,949	23,109	22,645	83	81	31 510	2 215,990	10 814,278	4,880	4,416
34	32	97 974	33 025,570	754 664,134	22,851	22,387	84	82	27 848	1 896,799	8 598,287	4,533	4,069
35	33	97 873	31 952,809	721 638,564	22,585	22,121	85	83	24 161	1 593,915	6 701,488	4,204	3,741
36	34	97 764	30 912,835	689 685,755	22,311	21,847	86	84	20 501	1 309,896	5 107,574	3,899	3,436
37	35	97 641	29 901,931	658 772,919	22,031	21,567	87	85	16 993	1 051,539	3 797,678	3,612	3,148
38	36	97 498	28 918,309	628 870,988	21,746	21,283	88	86	13 709	821,659	2 746,139	3,342	2,879
39	37	97 352	27 966,248	599 952,679	21,453	20,989	89	87	10 700	621,121	1 924,480	3,098	2,635
40	38	97 191	27 041,019	571 986,431	21,153	20,689	90	88	8 047	452,433	1 303,359	2,881	2,417
41	39	97 017	26 142,943	544 945,412	20,845	20,381	91	89	5 827	317,289	850,926	2,682	2,218
42	40	96 813	25 266,858	518 802,468	20,533	20,069	92	90	4 058	213,992	533,637	2,494	2,030
43	41	96 615	24 421,444	493 535,610	20,209	19,745	93	91	2 686	137,181	319,644	2,330	1,866
44	42	96 390	23 597,704	469 114,166	19,880	19,416	94	92	1 691	83,673	182,463	2,181	1,717
45	43	96 145	22 796,884	445 516,462	19,543	19,079	95	93	1 003	48,047	98,790	2,056	1,593
46	44	95 879	22 018,072	422 719,579	19,199	18,735	96	94	562	26,085	50,744	1,945	1,482
47	45	95 590	21 260,893	400 701,507	18,847	18,383	97	95	297	13,344	24,659	1,848	1,384
48	46	95 265	20 521,554	379 440,614	18,490	18,026	98	96	148	6,429	11,315	1,760	1,296
49	47	94 902	19 799,961	358 919,059	18,127	17,664	99	97	69	2,908	4,886	1,680	1,217
							100	98	30	1,230	1,978	1,608	1,145

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	19 120,400	341 794,865	17,876	17,412
1							51	48	94 197	18 435,056	322 674,465	17,503	17,040
2							52	49	93 718	17 763,901	304 239,409	17,127	16,663
3	0	99 624	90 509,480	2 554 939,899	28,228	27,765	53	50	93 186	17 107,139	286 475,508	16,746	16,282
4	1	99 324	87 396,649	2 464 430,419	28,198	27,735	54	51	92 594	16 463,455	269 368,369	16,362	15,898
5	2	99 291	84 617,182	2 377 033,771	28,092	27,628	55	52	91 939	15 832,431	252 904,914	15,974	15,510
6	3	99 269	81 935,472	2 292 416,588	27,978	27,515	56	53	91 215	15 213,262	237 072,482	15,583	15,120
7	4	99 250	79 341,332	2 210 481,117	27,860	27,397	57	54	90 412	14 604,781	221 859,220	15,191	14,727
8	5	99 231	76 829,364	2 131 139,784	27,739	27,275	58	55	89 526	14 006,383	207 254,440	14,797	14,334
9	6	99 217	74 400,284	2 054 310,420	27,612	27,148	59	56	88 558	13 418,830	193 248,057	14,401	13,938
10	7	99 202	72 047,342	1 979 910,136	27,481	27,017	60	57	87 492	12 839,944	179 829,227	14,005	13,542
11	8	99 189	69 770,988	1 907 862,794	27,345	26,881	61	58	86 330	12 270,701	166 989,283	13,609	13,145
12	9	99 175	67 565,267	1 838 091,805	27,205	26,741	62	59	85 059	11 709,490	154 718,582	13,213	12,749
13	10	99 161	65 429,245	1 770 526,538	27,060	26,597	63	60	83 670	11 155,675	143 009,093	12,819	12,356
14	11	99 147	63 360,317	1 705 097,294	26,911	26,447	64	61	82 163	10 609,884	131 853,417	12,427	11,964
15	12	99 127	61 353,625	1 641 736,977	26,759	26,295	65	62	80 549	10 074,093	121 243,533	12,035	11,572
16	13	99 105	59 409,407	1 580 383,352	26,602	26,138	66	63	78 827	9 548,386	111 169,440	11,643	11,179
17	14	99 075	57 521,672	1 520 973,946	26,442	25,978	67	64	76 979	9 031,007	101 621,054	11,252	10,789
18	15	99 039	55 691,070	1 463 452,273	26,278	25,814	68	65	75 027	8 524,963	92 590,047	10,861	10,397
19	16	98 989	53 911,020	1 407 761,203	26,113	25,649	69	66	72 964	8 029,609	84 065,084	10,469	10,006
20	17	98 937	52 186,321	1 353 850,183	25,943	25,479	70	67	70 800	7 546,232	76 035,475	10,076	9,612
21	18	98 883	50 516,246	1 301 663,862	25,767	25,304	71	68	68 559	7 077,318	68 489,243	9,677	9,214
22	19	98 827	48 898,419	1 251 147,617	25,587	25,123	72	69	66 167	6 615,409	61 411,925	9,283	8,820
23	20	98 769	47 331,608	1 202 249,198	25,401	24,937	73	70	63 684	6 166,738	54 796,516	8,886	8,422
24	21	98 712	45 814,988	1 154 917,590	25,208	24,745	74	71	61 072	5 727,631	48 629,778	8,490	8,027
25	22	98 650	44 345,013	1 109 102,602	25,011	24,547	75	72	58 350	5 300,112	42 902,147	8,095	7,631
26	23	98 590	42 922,993	1 064 757,588	24,806	24,343	76	73	55 510	4 883,419	37 602,035	7,700	7,236
27	24	98 530	41 546,790	1 021 834,595	24,595	24,131	77	74	52 537	4 476,396	32 718,617	7,309	6,846
28	25	98 470	40 214,318	980 287,805	24,377	23,913	78	75	49 504	4 085,241	28 242,221	6,913	6,450
29	26	98 405	38 922,909	940 073,487	24,152	23,689	79	76	46 339	3 703,660	24 156,980	6,522	6,059
30	27	98 339	37 672,419	901 150,578	23,921	23,457	80	77	43 071	3 334,097	20 453,320	6,135	5,671
31	28	98 266	36 459,687	863 478,160	23,683	23,219	81	78	39 695	2 976,021	17 119,224	5,752	5,289
32	29	98 187	35 283,390	827 018,473	23,439	22,976	82	79	36 213	2 629,517	14 143,202	5,379	4,915
33	30	98 102	34 143,471	791 735,084	23,188	22,725	83	80	32 661	2 296,986	11 513,686	5,013	4,549
34	31	98 006	33 036,208	757 591,613	22,932	22,469	84	81	29 020	1 976,687	9 216,700	4,663	4,199
35	32	97 905	31 963,546	724 555,405	22,668	22,205	85	82	25 353	1 672,527	7 240,013	4,329	3,865
36	33	97 799	30 923,666	692 591,859	22,397	21,933	86	83	21 699	1 386,420	5 567,486	4,016	3,552
37	34	97 678	29 913,352	661 668,193	22,119	21,656	87	84	18 150	1 123,184	4 181,065	3,723	3,259
38	35	97 543	28 931,818	631 754,841	21,836	21,372	88	85	14 800	887,028	3 057,881	3,447	2,984
39	36	97 399	27 979,590	602 823,023	21,545	21,081	89	86	11 698	679,028	2 170,853	3,197	2,733
40	37	97 240	27 054,680	574 843,433	21,247	20,784	90	87	8 933	502,198	1 491,825	2,971	2,507
41	38	97 071	26 157,437	547 788,753	20,942	20,478	91	88	6 572	357,833	989,627	2,766	2,302
42	39	96 876	25 283,309	521 631,315	20,631	20,168	92	89	4 658	245,631	631,794	2,572	2,108
43	40	96 676	24 436,916	496 348,006	20,311	19,848	93	90	3 149	160,844	386,163	2,401	1,937
44	41	96 461	23 615,012	471 911,090	19,984	19,520	94	91	2 028	100,319	225,319	2,246	1,782
45	42	96 223	22 815,292	448 296,079	19,649	19,185	95	92	1 235	59,167	125,000	2,113	1,649
46	43	95 965	22 037,811	425 480,786	19,307	18,843	96	93	711	32,997	65,834	1,995	1,532
47	44	95 681	21 281,022	403 442,975	18,958	18,494	97	94	385	17,317	32,837	1,896	1,433
48	45	95 368	20 543,652	382 161,953	18,602	18,139	98	95	198	8,621	15,520	1,800	1,337
49	46	95 015	19 823,436	361 618,301	18,242	17,778	99	96	96	4,035	6,899	1,710	1,246
							100	97	43	1,744	2,865	1,643	1,179

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	19 143,069	344 258,929	17,983	17,520
1							51	47	94 320	18 459,041	325 115,860	17,613	17,149
2							52	48	93 860	17 790,892	306 656,819	17,237	16,773
3							53	49	93 343	17 135,998	288 865,927	16,857	16,394
4	0	99 612	87 650,122	2 467 575,829	28,153	27,689	54	50	92 765	16 493,868	271 729,929	16,475	16,011
5	1	99 313	84 636,007	2 379 925,708	28,120	27,656	55	51	92 131	15 865,376	255 236,061	16,088	15,624
6	2	99 282	81 946,240	2 295 289,701	28,010	27,546	56	52	91 416	15 246,873	239 370,686	15,700	15,236
7	3	99 260	79 349,243	2 213 343,462	27,894	27,430	57	53	90 637	14 641,070	224 123,813	15,308	14,844
8	4	99 240	76 836,437	2 133 994,218	27,773	27,310	58	54	89 773	14 045,067	209 482,743	14,915	14,451
9	5	99 224	74 405,340	2 057 157,781	27,648	27,184	59	55	88 835	13 460,725	195 437,677	14,519	14,055
10	6	99 209	72 052,603	1 982 752,441	27,518	27,054	60	56	87 789	12 883,511	181 976,952	14,125	13,661
11	7	99 194	69 774,312	1 910 699,838	27,384	26,920	61	57	86 656	12 316,967	169 093,441	13,728	13,265
12	8	99 183	67 570,137	1 840 925,527	27,245	26,781	62	58	85 416	11 758,565	156 776,474	13,333	12,869
13	9	99 167	65 432,722	1 773 355,390	27,102	26,638	63	59	84 060	11 207,617	145 017,909	12,939	12,476
14	10	99 152	63 363,840	1 707 922,667	26,954	26,491	64	60	82 586	10 664,559	133 810,292	12,547	12,084
15	11	99 134	61 358,343	1 644 558,828	26,803	26,339	65	61	81 001	10 130,685	123 145,733	12,156	11,692
16	12	99 111	59 413,161	1 583 200,485	26,647	26,184	66	62	79 312	9 607,201	113 015,049	11,764	11,300
17	13	99 082	57 526,219	1 523 787,323	26,489	26,025	67	63	77 503	9 092,473	103 407,848	11,373	10,909
18	14	99 048	55 696,208	1 466 261,104	26,326	25,862	68	64	75 587	8 588,595	94 315,374	10,981	10,518
19	15	99 001	53 917,262	1 410 564,896	26,162	25,698	69	65	73 553	8 094,476	85 726,780	10,591	10,127
20	16	98 949	52 192,993	1 356 647,634	25,993	25,529	70	66	71 426	7 612,904	77 632,304	10,197	9,734
21	17	98 896	50 522,796	1 304 454,641	25,819	25,356	71	67	69 206	7 144,173	70 019,400	9,801	9,337
22	18	98 843	48 906,357	1 253 931,845	25,639	25,176	72	68	66 849	6 683,608	62 875,227	9,407	8,944
23	19	98 786	47 339,389	1 205 025,487	25,455	24,991	73	69	64 428	6 238,773	56 191,619	9,007	8,543
24	20	98 728	45 822,489	1 157 686,098	25,265	24,801	74	70	61 848	5 800,436	49 952,846	8,612	8,148
25	21	98 667	44 352,544	1 111 863,610	25,069	24,605	75	71	59 167	5 374,356	44 152,410	8,215	7,752
26	22	98 606	42 930,196	1 067 511,065	24,866	24,403	76	72	56 352	4 957,523	38 778,054	7,822	7,358
27	23	98 546	41 553,587	1 024 580,870	24,657	24,193	77	73	53 431	4 552,588	33 820,531	7,429	6,965
28	24	98 486	40 220,925	983 027,283	24,441	23,977	78	74	50 422	4 160,937	29 267,943	7,034	6,570
29	25	98 424	38 930,477	942 806,358	24,218	23,754	79	75	47 290	3 779,707	25 107,006	6,643	6,179
30	26	98 356	37 679,135	903 875,881	23,989	23,525	80	76	44 046	3 409,616	21 327,298	6,255	5,791
31	27	98 287	36 467,335	866 196,746	23,753	23,289	81	77	40 668	3 049,010	17 917,683	5,877	5,413
32	28	98 210	35 291,789	829 729,411	23,511	23,047	82	78	37 226	2 703,060	14 868,673	5,501	5,037
33	29	98 127	34 151,898	794 437,622	23,262	22,798	83	79	33 700	2 370,002	12 165,613	5,133	4,670
34	30	98 034	33 045,552	760 285,724	23,007	22,544	84	80	30 081	2 048,936	9 795,611	4,781	4,317
35	31	97 937	31 973,841	727 240,171	22,745	22,281	85	81	26 421	1 742,970	7 746,675	4,445	3,981
36	32	97 832	30 934,057	695 266,330	22,476	22,012	86	82	22 769	1 454,799	6 003,705	4,127	3,663
37	33	97 712	29 923,832	664 332,273	22,201	21,737	87	83	19 211	1 188,801	4 548,906	3,826	3,363
38	34	97 581	28 942,869	634 408,441	21,919	21,456	88	84	15 808	947,465	3 360,105	3,546	3,083
39	35	97 444	27 992,661	605 465,572	21,629	21,166	89	85	12 628	733,049	2 412,640	3,291	2,828
40	36	97 286	27 067,587	577 472,911	21,334	20,871	90	86	9 765	549,017	1 679,591	3,059	2,596
41	37	97 120	26 170,652	550 405,324	21,031	20,568	91	87	7 295	397,193	1 130,574	2,846	2,383
42	38	96 930	25 297,326	524 234,672	20,723	20,259	92	88	5 253	277,019	733,381	2,647	2,184
43	39	96 739	24 452,826	498 937,346	20,404	19,940	93	89	3 615	184,625	456,363	2,472	2,008
44	40	96 522	23 629,973	474 484,519	20,080	19,616	94	90	2 378	117,623	271,738	2,310	1,847
45	41	96 294	22 832,027	450 854,547	19,747	19,283	95	91	1 481	70,937	154,115	2,173	1,709
46	42	96 042	22 055,607	428 022,520	19,407	18,943	96	92	876	40,634	83,178	2,047	1,583
47	43	95 767	21 300,100	405 966,913	19,059	18,596	97	93	487	21,905	42,544	1,942	1,479
48	44	95 458	20 563,102	384 666,813	18,707	18,243	98	94	257	11,188	20,639	1,845	1,381
49	45	95 117	19 844,782	364 103,711	18,348	17,884	99	95	128	5,410	9,451	1,747	1,283
							100	96	59	2,420	4,041	1,670	1,206

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	19 163,683	346 524,757	18,082	17,619
1							51	46	94 431	18 480,926	327 361,074	17,713	17,250
2							52	47	93 982	17 814,039	308 880,148	17,339	16,876
3							53	48	93 485	17 162,034	291 066,109	16,960	16,496
4							54	49	92 922	16 521,692	273 904,075	16,578	16,115
5	0	99 601	84 881,473	2 382 830,351	28,072	27,609	55	50	92 301	15 894,684	257 382,383	16,193	15,729
6	1	99 304	81 964,469	2 297 948,878	28,036	27,572	56	51	91 607	15 278,599	241 487,700	15,806	15,342
7	2	99 273	79 359,671	2 215 984,408	27,923	27,460	57	52	90 837	14 673,416	226 209,101	15,416	14,953
8	3	99 250	76 844,099	2 136 624,737	27,805	27,341	58	53	89 996	14 079,965	211 535,685	15,024	14,560
9	4	99 233	74 412,190	2 059 780,638	27,681	27,217	59	54	89 080	13 497,902	197 455,720	14,629	14,165
10	5	99 216	72 057,499	1 985 368,449	27,553	27,089	60	55	88 063	12 923,735	183 957,818	14,234	13,770
11	6	99 201	69 779,407	1 913 310,950	27,419	26,956	61	56	86 950	12 358,759	171 034,084	13,839	13,375
12	7	99 187	67 573,355	1 843 531,543	27,282	26,818	62	57	85 738	11 802,900	158 675,325	13,444	12,980
13	8	99 174	65 437,438	1 775 958,188	27,140	26,676	63	58	84 412	11 254,589	146 872,425	13,050	12,586
14	9	99 157	63 367,208	1 710 520,750	26,994	26,530	64	59	82 971	10 714,214	135 617,836	12,658	12,194
15	10	99 140	61 361,755	1 647 153,542	26,843	26,380	65	60	81 419	10 182,890	124 903,622	12,266	11,802
16	11	99 119	59 417,731	1 585 791,788	26,689	26,225	66	61	79 758	9 661,170	114 720,732	11,874	11,411
17	12	99 089	57 529,855	1 526 374,057	26,532	26,068	67	62	77 980	9 148,480	105 059,562	11,484	11,020
18	13	99 056	55 700,611	1 468 844,202	26,370	25,907	68	63	76 101	8 647,050	95 911,082	11,092	10,628
19	14	99 010	53 922,236	1 413 143,591	26,207	25,743	69	64	74 102	8 154,894	87 264,032	10,701	10,237
20	15	98 961	52 199,036	1 359 221,355	26,039	25,576	70	65	72 003	7 674,404	79 109,138	10,308	9,845
21	16	98 909	50 529,256	1 307 022,318	25,867	25,403	71	66	69 818	7 207,293	71 434,734	9,911	9,448
22	17	98 856	48 912,699	1 256 493,063	25,688	25,225	72	67	67 481	6 746,744	64 227,441	9,520	9,056
23	18	98 802	47 347,074	1 207 580,364	25,505	25,041	73	68	65 092	6 303,089	57 480,698	9,119	8,656
24	19	98 744	45 830,021	1 160 233,289	25,316	24,852	74	69	62 570	5 868,192	51 177,608	8,721	8,258
25	20	98 683	44 359,805	1 114 403,268	25,122	24,658	75	70	59 919	5 442,671	45 309,416	8,325	7,861
26	21	98 623	42 937,486	1 070 043,463	24,921	24,457	76	71	57 141	5 026,968	39 866,745	7,931	7,467
27	22	98 563	41 560,560	1 027 105,976	24,713	24,250	77	72	54 242	4 621,672	34 839,777	7,538	7,075
28	23	98 502	40 227,504	985 545,417	24,499	24,036	78	73	51 280	4 231,760	30 218,105	7,141	6,677
29	24	98 440	38 936,873	945 317,912	24,278	23,815	79	74	48 167	3 849,742	25 986,345	6,750	6,287
30	25	98 376	37 686,461	906 381,039	24,051	23,587	80	75	44 951	3 479,626	22 136,602	6,362	5,898
31	26	98 304	36 473,837	868 694,577	23,817	23,353	81	76	41 589	3 118,071	18 656,977	5,983	5,520
32	27	98 231	35 299,193	832 220,741	23,576	23,113	82	77	38 138	2 769,354	15 538,905	5,611	5,147
33	28	98 150	34 160,028	796 921,548	23,329	22,865	83	78	34 642	2 436,287	12 769,551	5,241	4,778
34	29	98 058	33 053,709	762 761,520	23,076	22,613	84	79	31 037	2 114,067	10 333,264	4,888	4,424
35	30	97 965	31 982,886	729 707,811	22,816	22,352	85	80	27 386	1 806,676	8 219,197	4,549	4,086
36	31	97 863	30 944,021	697 724,925	22,548	22,084	86	81	23 728	1 516,072	6 412,521	4,230	3,766
37	32	97 745	29 933,887	666 780,904	22,275	21,811	87	82	20 158	1 247,433	4 896,449	3,925	3,462
38	33	97 615	28 953,009	636 847,017	21,996	21,532	88	83	16 732	1 002,816	3 649,016	3,639	3,175
39	34	97 482	28 003,352	607 894,008	21,708	21,244	89	84	13 489	782,994	2 646,200	3,380	2,916
40	35	97 332	27 080,232	579 890,656	21,414	20,950	90	85	10 542	592,695	1 863,206	3,144	2,680
41	36	97 166	26 183,137	552 810,424	21,113	20,650	91	86	7 975	434,223	1 270,510	2,926	2,462
42	37	96 979	25 310,106	526 627,286	20,807	20,343	92	87	5 831	307,489	836,288	2,720	2,256
43	38	96 793	24 466,383	501 317,180	20,490	20,026	93	88	4 077	208,217	528,798	2,540	2,076
44	39	96 585	23 645,358	476 850,797	20,167	19,703	94	89	2 729	135,014	320,582	2,374	1,911
45	40	96 355	22 846,491	453 205,439	19,837	19,373	95	90	1 736	83,173	185,568	2,231	1,767
46	41	96 113	22 071,784	430 358,948	19,498	19,035	96	91	1 050	48,717	102,395	2,102	1,638
47	42	95 844	21 317,300	408 287,164	19,153	18,689	97	92	600	26,975	53,678	1,990	1,526
48	43	95 543	20 581,537	386 969,864	18,802	18,338	98	93	325	14,152	26,703	1,887	1,423
49	44	95 207	19 863,570	366 388,327	18,445	17,982	99	94	167	7,021	12,550	1,788	1,324
							100	95	79	3,245	5,529	1,704	1,240

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	19 181,826	348 605,146	18,174	17,710
1							51	45	94 533	18 500,826	329 423,320	17,806	17,342
2							52	46	94 094	17 835,159	310 922,494	17,433	16,969
3							53	47	93 607	17 184,363	293 087,335	17,055	16,592
4							54	48	93 063	16 546,795	275 902,972	16,674	16,210
5							55	49	92 456	15 921,497	259 356,177	16,290	15,826
6	0	99 592	82 202,188	2 300 629,405	27,987	27,524	56	50	91 776	15 306,823	243 434,680	15,904	15,440
7	1	99 295	79 377,326	2 218 427,217	27,948	27,484	57	51	91 026	14 703,949	228 127,857	15,515	15,051
8	2	99 263	76 854,198	2 139 049,891	27,833	27,369	58	52	90 195	14 111,072	213 423,909	15,125	14,661
9	3	99 243	74 419,609	2 062 195,693	27,710	27,247	59	53	89 301	13 531,441	199 312,837	14,730	14,266
10	4	99 225	72 064,132	1 987 776,084	27,583	27,120	60	54	88 306	12 959,428	185 781,396	14,336	13,872
11	5	99 208	69 784,148	1 915 711,952	27,452	26,988	61	55	87 221	12 397,344	172 821,968	13,940	13,477
12	6	99 195	67 578,290	1 845 927,804	27,315	26,852	62	56	86 029	11 842,948	160 424,624	13,546	13,082
13	7	99 179	65 440,555	1 778 349,515	27,175	26,711	63	57	84 730	11 297,023	148 581,676	13,152	12,689
14	8	99 165	63 371,775	1 712 908,959	27,030	26,566	64	58	83 318	10 759,118	137 284,652	12,760	12,296
15	9	99 145	61 365,016	1 649 537,185	26,881	26,417	65	59	81 798	10 230,302	126 525,535	12,368	11,904
16	10	99 125	59 421,034	1 588 172,168	26,727	26,264	66	60	80 169	9 710,956	116 295,232	11,976	11,512
17	11	99 096	57 534,280	1 528 751,134	26,571	26,108	67	61	78 418	9 199,872	106 584,276	11,585	11,122
18	12	99 062	55 704,131	1 471 216,855	26,411	25,948	68	62	76 570	8 700,313	97 384,404	11,193	10,730
19	13	99 018	53 926,499	1 415 512,724	26,249	25,785	69	63	74 607	8 210,398	88 684,091	10,801	10,338
20	14	98 970	52 203,852	1 361 586,225	26,082	25,618	70	64	72 540	7 731,687	80 473,694	10,408	9,945
21	15	98 920	50 535,106	1 309 382,373	25,910	25,447	71	65	70 382	7 265,516	72 742,007	10,012	9,548
22	16	98 869	48 918,953	1 258 847,267	25,733	25,270	72	66	68 077	6 806,352	65 476,491	9,620	9,156
23	17	98 815	47 353,214	1 209 928,314	25,551	25,088	73	67	65 707	6 362,630	58 670,139	9,221	8,757
24	18	98 760	45 837,462	1 162 575,100	25,363	24,899	74	68	63 215	5 928,688	52 307,508	8,823	8,359
25	19	98 699	44 367,098	1 116 737,638	25,170	24,707	75	69	60 619	5 506,248	46 378,820	8,423	7,959
26	20	98 639	42 944,516	1 072 370,540	24,971	24,507	76	70	57 868	5 090,867	40 872,572	8,029	7,565
27	21	98 580	41 567,618	1 029 426,025	24,765	24,301	77	71	55 002	4 686,413	35 781,705	7,635	7,172
28	22	98 518	40 234,255	987 858,407	24,553	24,089	78	72	52 058	4 295,976	31 095,292	7,238	6,775
29	23	98 456	38 943,243	947 624,152	24,333	23,870	79	73	48 986	3 915,268	26 799,316	6,845	6,381
30	24	98 392	37 692,653	908 680,909	24,108	23,644	80	74	45 784	3 544,100	22 884,048	6,457	5,993
31	25	98 324	36 480,929	870 988,256	23,875	23,412	81	75	42 443	3 182,095	19 339,947	6,078	5,614
32	26	98 248	35 305,485	834 507,327	23,637	23,173	82	76	39 002	2 832,082	16 157,852	5,705	5,242
33	27	98 171	34 167,195	799 201,842	23,391	22,927	83	77	35 492	2 496,038	13 325,770	5,339	4,875
34	28	98 081	33 061,577	765 034,647	23,140	22,676	84	78	31 905	2 173,194	10 829,732	4,983	4,520
35	29	97 989	31 990,780	731 973,070	22,881	22,417	85	79	28 257	1 864,106	8 656,539	4,644	4,180
36	30	97 891	30 952,774	699 982,290	22,615	22,151	86	80	24 595	1 571,485	6 792,432	4,322	3,859
37	31	97 777	29 943,529	669 029,516	22,343	21,879	87	81	21 007	1 299,972	5 220,948	4,016	3,553
38	32	97 648	28 962,738	639 085,987	22,066	21,602	88	82	17 557	1 052,275	3 920,976	3,726	3,263
39	33	97 516	28 013,163	610 123,249	21,780	21,316	89	83	14 277	828,737	2 868,700	3,462	2,998
40	34	97 369	27 090,575	582 110,086	21,488	21,024	90	84	11 261	633,078	2 039,963	3,222	2,759
41	35	97 211	26 195,369	555 019,510	21,188	20,724	91	85	8 609	468,768	1 406,885	3,001	2,538
42	36	97 025	25 322,181	528 824,141	20,884	20,420	92	86	6 374	336,156	938,117	2,791	2,327
43	37	96 842	24 478,743	503 501,960	20,569	20,105	93	87	4 525	231,119	601,961	2,605	2,141
44	38	96 638	23 658,467	479 023,217	20,247	19,784	94	88	3 078	152,266	370,841	2,435	1,972
45	39	96 417	22 861,366	455 364,750	19,919	19,455	95	89	1 993	95,471	218,576	2,289	1,826
46	40	96 173	22 085,767	432 503,384	19,583	19,119	96	90	1 231	57,120	123,105	2,155	1,692
47	41	95 914	21 332,936	410 417,617	19,239	18,775	97	91	720	32,342	65,985	2,040	1,577
48	42	95 621	20 598,156	389 084,681	18,889	18,426	98	92	400	17,428	33,643	1,930	1,467
49	43	95 293	19 881,378	368 486,524	18,534	18,071	99	93	211	8,882	16,215	1,826	1,362
							100	94	103	4,211	7,334	1,741	1,278

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	19 199,022	350 514,019	18,257	17,793
1							51	44	94 623	18 518,342	331 314,997	17,891	17,428
2							52	45	94 195	17 854,365	312 796,655	17,519	17,056
3							53	46	93 718	17 204,737	294 942,291	17,143	16,679
4							54	47	93 184	16 568,323	277 737,554	16,763	16,300
5							55	48	92 597	15 945,688	261 169,231	16,379	15,915
6							56	49	91 931	15 332,644	245 223,543	15,994	15,530
7	0	99 583	79 607,541	2 220 899,747	27,898	27,434	57	50	91 195	14 731,112	229 890,899	15,606	15,142
8	1	99 285	76 871,295	2 141 292,206	27,856	27,392	58	51	90 383	14 140,434	215 159,787	15,216	14,752
9	2	99 256	74 429,389	2 064 420,911	27,737	27,273	59	52	89 499	13 561,335	201 019,353	14,823	14,359
10	3	99 235	72 071,318	1 989 991,522	27,611	27,148	60	53	88 525	12 991,629	187 458,017	14,429	13,966
11	4	99 217	69 790,572	1 917 920,204	27,481	27,017	61	54	87 462	12 431,584	174 466,388	14,034	13,570
12	5	99 201	67 582,881	1 848 129,632	27,346	26,882	62	55	86 297	11 879,923	162 034,804	13,639	13,176
13	6	99 186	65 445,334	1 780 546,750	27,207	26,743	63	56	85 018	11 335,355	150 154,881	13,247	12,783
14	7	99 169	63 374,793	1 715 101,417	27,063	26,599	64	57	83 632	10 799,684	138 819,526	12,854	12,390
15	8	99 152	61 369,439	1 651 726,623	26,914	26,451	65	58	82 141	10 273,178	128 019,842	12,462	11,998
16	9	99 130	59 424,193	1 590 357,184	26,763	26,299	66	59	80 542	9 756,171	117 746,663	12,069	11,605
17	10	99 102	57 537,478	1 530 932,992	26,608	26,144	67	60	78 822	9 247,281	107 990,493	11,678	11,214
18	11	99 070	55 708,415	1 473 395,514	26,448	25,985	68	61	77 000	8 749,187	98 743,212	11,286	10,822
19	12	99 024	53 929,907	1 417 687,098	26,288	25,824	69	62	75 066	8 260,971	89 994,024	10,894	10,430
20	13	98 978	52 207,979	1 363 757,191	26,122	25,658	70	63	73 034	7 784,310	81 733,054	10,500	10,036
21	14	98 929	50 539,769	1 311 549,213	25,951	25,487	71	64	70 907	7 319,747	73 948,744	10,103	9,639
22	15	98 880	48 924,617	1 261 009,444	25,775	25,311	72	65	68 627	6 861,337	66 628,997	9,711	9,247
23	16	98 827	47 359,268	1 212 084,827	25,593	25,130	73	66	66 287	6 418,845	59 767,660	9,311	8,848
24	17	98 773	45 843,406	1 164 725,559	25,407	24,943	74	67	63 813	5 984,693	53 348,815	8,914	8,451
25	18	98 715	44 374,301	1 118 882,153	25,215	24,751	75	68	61 244	5 563,013	47 364,122	8,514	8,050
26	19	98 655	42 951,575	1 074 507,853	25,017	24,553	76	69	58 544	5 150,335	41 801,110	8,116	7,653
27	20	98 596	41 574,423	1 031 556,277	24,812	24,349	77	70	55 701	4 745,983	36 650,775	7,722	7,259
28	21	98 535	40 241,088	989 981,855	24,601	24,138	78	71	52 787	4 356,154	31 904,792	7,324	6,860
29	22	98 473	38 949,778	949 740,767	24,384	23,920	79	72	49 730	3 974,682	27 548,638	6,931	6,467
30	23	98 408	37 698,819	910 790,989	24,160	23,696	80	73	46 563	3 604,424	23 573,956	6,540	6,077
31	24	98 340	36 486,923	873 092,170	23,929	23,465	81	74	43 230	3 241,057	19 969,532	6,161	5,698
32	25	98 267	35 312,351	836 605,247	23,692	23,228	82	75	39 803	2 890,233	16 728,475	5,788	5,324
33	26	98 188	34 173,286	801 292,897	23,448	22,984	83	76	36 296	2 552,575	13 838,242	5,421	4,958
34	27	98 102	33 068,513	767 119,611	23,198	22,734	84	77	32 688	2 226,492	11 285,667	5,069	4,605
35	28	98 012	31 998,395	734 051,098	22,940	22,477	85	78	29 047	1 916,242	9 059,175	4,728	4,264
36	29	97 915	30 960,414	702 052,702	22,676	22,212	86	79	25 377	1 621,439	7 142,933	4,405	3,942
37	30	97 804	29 951,999	671 092,289	22,406	21,942	87	80	21 775	1 347,487	5 521,494	4,098	3,634
38	31	97 679	28 972,067	641 140,289	22,130	21,666	88	81	18 297	1 096,595	4 174,007	3,806	3,343
39	32	97 548	28 022,576	612 168,223	21,846	21,382	89	82	14 981	869,611	3 077,413	3,539	3,075
40	33	97 403	27 100,066	584 145,646	21,555	21,092	90	83	11 918	670,063	2 207,802	3,295	2,831
41	34	97 248	26 205,374	557 045,580	21,257	20,793	91	84	9 196	500,707	1 537,739	3,071	2,608
42	35	97 070	25 334,011	530 840,206	20,954	20,490	92	85	6 881	362,900	1 037,032	2,858	2,394
43	36	96 888	24 490,422	505 506,195	20,641	20,177	93	86	4 947	252,666	674,133	2,668	2,204
44	37	96 687	23 670,419	481 015,774	20,321	19,858	94	87	3 417	169,014	421,466	2,494	2,030
45	38	96 471	22 874,041	457 345,355	19,994	19,530	95	88	2 247	107,670	252,452	2,345	1,881
46	39	96 236	22 100,147	434 471,314	19,659	19,196	96	89	1 413	65,566	144,782	2,208	1,745
47	40	95 975	21 346,451	412 371,167	19,318	18,854	97	90	844	37,920	79,216	2,089	1,625
48	41	95 691	20 613,265	391 024,716	18,970	18,506	98	91	480	20,895	41,296	1,976	1,513
49	42	95 370	19 897,432	370 411,452	18,616	18,152	99	92	259	10,937	20,401	1,865	1,402
							100	93	130	5,327	9,464	1,777	1,313

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	19 214,526	352 263,951	18,333	17,870
1							51	43	94 707	18 534,943	333 049,425	17,969	17,505
2							52	44	94 284	17 871,268	314 514,482	17,599	17,135
3							53	45	93 819	17 223,263	296 643,214	17,223	16,760
4							54	46	93 295	16 587,967	279 419,950	16,845	16,381
5							55	47	92 717	15 966,434	262 831,984	16,462	15,998
6							56	48	92 070	15 355,941	246 865,549	16,076	15,613
7							57	49	91 348	14 755,962	231 509,609	15,689	15,226
8	0	99 573	77 094,242	2 143 572,186	27,805	27,341	58	50	90 550	14 166,556	216 753,647	15,300	14,837
9	1	99 278	74 445,947	2 066 477,944	27,758	27,294	59	51	89 685	13 589,554	202 587,091	14,908	14,444
10	2	99 248	72 080,789	1 992 031,997	27,636	27,172	60	52	88 721	13 020,331	188 997,537	14,516	14,052
11	3	99 227	69 797,531	1 919 951,208	27,507	27,044	61	53	87 679	12 462,474	175 977,205	14,121	13,657
12	4	99 210	67 589,103	1 850 153,677	27,374	26,910	62	54	86 536	11 912,734	163 514,732	13,726	13,262
13	5	99 193	65 449,781	1 782 564,574	27,236	26,772	63	55	85 283	11 370,745	151 601,998	13,333	12,869
14	6	99 177	63 379,421	1 717 114,793	27,093	26,629	64	56	83 916	10 836,328	140 231,253	12,941	12,477
15	7	99 157	61 372,362	1 653 735,372	26,946	26,482	65	57	82 450	10 311,913	129 394,925	12,548	12,084
16	8	99 137	59 428,475	1 592 363,010	26,795	26,331	66	58	80 880	9 797,060	119 083,012	12,155	11,691
17	9	99 107	57 540,537	1 532 934,535	26,641	26,177	67	59	79 189	9 290,337	109 285,952	11,763	11,300
18	10	99 075	55 711,512	1 475 393,998	26,483	26,019	68	60	77 397	8 794,274	99 995,616	11,371	10,907
19	11	99 032	53 934,055	1 419 682,486	26,323	25,859	69	61	75 488	8 307,377	91 201,342	10,978	10,515
20	12	98 984	52 211,278	1 365 748,431	26,158	25,694	70	62	73 484	7 832,258	82 893,965	10,584	10,120
21	13	98 937	50 543,763	1 313 537,153	25,988	25,524	71	63	71 390	7 369,567	75 061,706	10,185	9,722
22	14	98 889	48 929,131	1 262 993,389	25,813	25,349	72	64	69 139	6 912,550	67 692,140	9,793	9,329
23	15	98 839	47 364,752	1 214 064,258	25,632	25,169	73	65	66 823	6 470,699	60 779,589	9,393	8,929
24	16	98 786	45 849,267	1 166 699,507	25,446	24,983	74	66	64 376	6 037,568	54 308,890	8,995	8,532
25	17	98 728	44 380,055	1 120 850,240	25,256	24,792	75	67	61 823	5 615,563	48 271,322	8,596	8,132
26	18	98 671	42 958,548	1 076 470,185	25,058	24,595	76	68	59 147	5 203,430	42 655,759	8,198	7,734
27	19	98 612	41 581,257	1 033 511,637	24,855	24,392	77	69	56 351	4 801,422	37 452,329	7,800	7,337
28	20	98 551	40 247,676	991 930,379	24,646	24,182	78	70	53 458	4 411,526	32 650,907	7,401	6,938
29	21	98 490	38 956,392	951 682,704	24,429	23,966	79	71	50 426	4 030,359	28 239,380	7,007	6,543
30	22	98 424	37 705,145	912 726,311	24,207	23,743	80	72	47 270	3 659,120	24 209,022	6,616	6,152
31	23	98 356	36 492,891	875 021,166	23,978	23,514	81	73	43 965	3 296,222	20 549,901	6,234	5,771
32	24	98 283	35 318,152	838 528,275	23,742	23,279	82	74	40 541	2 943,787	17 253,679	5,861	5,397
33	25	98 207	34 179,931	803 210,122	23,499	23,036	83	75	37 041	2 604,987	14 309,892	5,493	5,030
34	26	98 119	33 074,408	769 030,192	23,252	22,788	84	76	33 428	2 276,924	11 704,905	5,141	4,677
35	27	98 033	32 005,108	735 955,783	22,995	22,531	85	77	29 760	1 963,239	9 427,981	4,802	4,339
36	28	97 938	30 967,784	703 950,675	22,732	22,268	86	78	26 087	1 666,788	7 464,742	4,479	4,015
37	29	97 828	29 959,392	672 982,891	22,463	22,000	87	79	22 467	1 390,320	5 797,954	4,170	3,707
38	30	97 707	28 980,262	643 023,499	22,188	21,725	88	80	18 965	1 136,676	4 407,634	3,878	3,414
39	31	97 580	28 031,603	614 043,237	21,905	21,442	89	81	15 612	906,237	3 270,959	3,609	3,146
40	32	97 436	27 109,173	586 011,634	21,617	21,153	90	82	12 506	703,111	2 364,722	3,363	2,900
41	33	97 283	26 214,555	558 902,462	21,320	20,857	91	83	9 733	529,958	1 661,611	3,135	2,672
42	34	97 107	25 343,687	532 687,907	21,019	20,555	92	84	7 350	387,625	1 131,653	2,919	2,456
43	35	96 933	24 501,862	507 344,220	20,706	20,243	93	85	5 340	272,768	744,027	2,728	2,264
44	36	96 733	23 681,712	482 842,357	20,389	19,925	94	86	3 735	184,771	471,260	2,551	2,087
45	37	96 519	22 885,596	459 160,646	20,063	19,600	95	87	2 494	119,513	286,488	2,397	1,934
46	38	96 289	22 112,399	436 275,049	19,730	19,266	96	88	1 593	73,944	166,975	2,258	1,795
47	39	96 038	21 360,349	414 162,650	19,389	18,926	97	89	968	43,527	93,031	2,137	1,674
48	40	95 751	20 626,324	392 802,301	19,044	18,580	98	90	563	24,499	49,505	2,021	1,557
49	41	95 440	19 912,027	372 175,977	18,691	18,227	99	91	311	13,113	25,006	1,907	1,443
							100	92	161	6,560	11,893	1,813	1,349

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	19 228,619	353 867,117	18,403	17,940
1							51	42	94 784	18 549,910	334 638,497	18,040	17,576
2							52	43	94 369	17 887,290	316 088,587	17,671	17,208
3							53	44	93 907	17 239,569	298 201,297	17,297	16,834
4							54	45	93 395	16 605,829	280 961,728	16,919	16,456
5							55	46	92 827	15 985,364	264 355,899	16,537	16,074
6							56	47	92 190	15 375,920	248 370,535	16,153	15,690
7							57	48	91 487	14 778,382	232 994,616	15,766	15,302
8							58	49	90 703	14 190,454	218 216,234	15,378	14,914
9	0	99 566	74 661,860	2 068 580,051	27,706	27,242	59	50	89 850	13 614,658	204 025,780	14,986	14,522
10	1	99 270	72 096,825	1 993 918,192	27,656	27,192	60	51	88 905	13 047,425	190 411,122	14,594	14,130
11	2	99 240	69 806,704	1 921 821,367	27,531	27,067	61	52	87 873	12 490,007	177 363,697	14,200	13,737
12	3	99 220	67 595,842	1 852 014,663	27,398	26,935	62	53	86 751	11 942,334	164 873,690	13,806	13,342
13	4	99 202	65 455,806	1 784 418,821	27,261	26,798	63	54	85 519	11 402,150	152 931,357	13,413	12,949
14	5	99 183	63 383,727	1 718 963,015	27,120	26,656	64	55	84 178	10 870,161	141 529,207	13,020	12,556
15	6	99 164	61 376,844	1 655 579,287	26,974	26,510	65	56	82 730	10 346,902	130 659,046	12,628	12,164
16	7	99 142	59 431,306	1 594 202,444	26,824	26,361	66	57	81 185	9 833,999	120 312,145	12,234	11,771
17	8	99 114	57 544,684	1 534 771,138	26,671	26,207	67	58	79 521	9 329,273	110 478,146	11,842	11,378
18	9	99 081	55 714,474	1 477 226,454	26,514	26,051	68	59	77 757	8 835,220	101 148,873	11,448	10,985
19	10	99 037	53 937,053	1 421 511,980	26,355	25,891	69	60	75 877	8 350,187	92 313,652	11,055	10,592
20	11	98 992	52 215,294	1 367 574,927	26,191	25,727	70	61	73 897	7 876,257	83 963,465	10,660	10,197
21	12	98 943	50 546,958	1 315 359,633	26,023	25,559	71	62	71 830	7 414,960	76 087,209	10,261	9,798
22	13	98 897	48 932,998	1 264 812,675	25,848	25,384	72	63	69 610	6 959,599	68 672,249	9,867	9,404
23	14	98 848	47 369,122	1 215 879,677	25,668	25,205	73	64	67 322	6 518,997	61 712,650	9,467	9,003
24	15	98 797	45 854,576	1 168 510,555	25,483	25,019	74	65	64 896	6 086,342	55 193,653	9,068	8,605
25	16	98 740	44 385,729	1 122 655,980	25,293	24,830	75	66	62 369	5 665,177	49 107,310	8,668	8,205
26	17	98 684	42 964,119	1 078 270,251	25,097	24,633	76	67	59 706	5 252,584	43 442,133	8,271	7,807
27	18	98 628	41 588,008	1 035 306,132	24,894	24,431	77	68	56 932	4 850,921	38 189,550	7,873	7,409
28	19	98 568	40 254,292	993 718,124	24,686	24,222	78	69	54 083	4 463,058	33 338,629	7,470	7,006
29	20	98 506	38 962,770	953 463,832	24,471	24,008	79	70	51 067	4 081,590	28 875,571	7,075	6,611
30	21	98 441	37 711,549	914 501,062	24,250	23,786	80	71	47 932	3 710,377	24 793,981	6,682	6,219
31	22	98 372	36 499,015	876 789,514	24,022	23,559	81	72	44 633	3 346,242	21 083,604	6,301	5,837
32	23	98 299	35 323,930	840 290,498	23,788	23,325	82	73	41 231	2 993,893	17 737,362	5,925	5,461
33	24	98 223	34 185,546	804 966,569	23,547	23,083	83	74	37 727	2 653,255	14 743,469	5,557	5,093
34	25	98 138	33 080,840	770 781,022	23,300	22,836	84	75	34 115	2 323,676	12 090,214	5,203	4,739
35	26	98 050	32 010,814	737 700,182	23,045	22,582	85	76	30 434	2 007,708	9 766,538	4,865	4,401
36	27	97 959	30 974,281	705 689,368	22,783	22,319	86	77	26 727	1 707,667	7 758,830	4,544	4,080
37	28	97 852	29 966,524	674 715,088	22,516	22,052	87	78	23 096	1 429,205	6 051,164	4,234	3,770
38	29	97 731	28 987,415	644 748,564	22,242	21,779	88	79	19 568	1 172,808	4 621,958	3,941	3,477
39	30	97 607	28 039,532	615 761,149	21,960	21,497	89	80	16 183	939,360	3 449,151	3,672	3,208
40	31	97 467	27 117,905	587 721,617	21,673	21,209	90	81	13 033	732,724	2 509,790	3,425	2,962
41	32	97 315	26 223,364	560 603,712	21,378	20,914	91	82	10 213	556,096	1 777,067	3,196	2,732
42	33	97 141	25 352,566	534 380,349	21,078	20,614	92	83	7 780	410,271	1 220,970	2,976	2,512
43	34	96 970	24 511,221	509 027,783	20,767	20,304	93	84	5 704	291,352	810,700	2,783	2,319
44	35	96 778	23 692,775	484 516,562	20,450	19,986	94	85	4 032	199,471	519,347	2,604	2,140
45	36	96 566	22 896,515	460 823,788	20,126	19,663	95	86	2 727	130,655	319,876	2,448	1,985
46	37	96 338	22 123,570	437 927,273	19,795	19,331	96	87	1 769	82,077	189,221	2,305	1,842
47	38	96 091	21 372,191	415 803,703	19,455	18,992	97	88	1 092	49,089	107,144	2,183	1,719
48	39	95 814	20 639,753	394 431,511	19,110	18,647	98	89	646	28,121	58,055	2,064	1,601
49	40	95 500	19 924,641	373 791,758	18,760	18,297	99	90	365	15,375	29,934	1,947	1,483
							100	91	193	7,865	14,559	1,851	1,387

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	40	95 220	19 240,801	355 334,415	18,468	18,004
							51	41	94 853	18 563,516	336 093,615	18,105	17,641
							52	42	94 445	17 901,734	317 530,098	17,737	17,274
							53	43	93 992	17 255,024	299 628,364	17,365	16,901
							54	44	93 483	16 621,550	282 373,340	16,988	16,525
							55	45	92 927	16 002,577	265 751,790	16,607	16,143
							56	46	92 299	15 394,149	249 749,212	16,224	15,760
							57	47	91 606	14 797,610	234 355,063	15,837	15,374
							58	48	90 840	14 212,015	219 557,453	15,449	14,985
							59	49	90 002	13 637,625	205 345,439	15,057	14,594
10	0	99 558	72 305,924	1 995 856,240	27,603	27,139	60	50	89 070	13 071,527	191 707,814	14,666	14,202
11	1	99 262	69 822,233	1 923 550,316	27,549	27,086	61	51	88 056	12 515,996	178 636,287	14,273	13,809
12	2	99 233	67 604,726	1 853 728,082	27,420	26,956	62	52	86 942	11 968,718	166 120,290	13,880	13,416
13	3	99 212	65 462,333	1 786 123,356	27,285	26,821	63	53	85 731	11 430,481	154 151,572	13,486	13,022
14	4	99 192	63 389,563	1 720 661,024	27,144	26,681	64	54	84 411	10 900,183	142 721,091	13,093	12,630
15	5	99 171	61 381,014	1 657 271,461	27,000	26,536	65	55	82 989	10 379,206	131 820,909	12,700	12,237
16	6	99 149	59 435,646	1 595 890,447	26,851	26,387	66	56	81 460	9 867,366	121 441,703	12,307	11,844
17	7	99 119	57 547,425	1 536 454,801	26,699	26,235	67	57	79 821	9 364,449	111 574,337	11,915	11,451
18	8	99 088	55 718,489	1 478 907,377	26,542	26,079	68	58	78 083	8 872,249	102 209,888	11,520	11,057
19	9	99 042	53 939,920	1 423 188,888	26,385	25,921	69	59	76 230	8 389,066	93 337,639	11,126	10,662
20	10	98 997	52 218,197	1 369 248,967	26,222	25,758	70	60	74 277	7 916,845	84 948,573	10,730	10,266
21	11	98 951	50 550,845	1 317 030,771	26,054	25,590	71	61	72 233	7 456,614	77 031,728	10,331	9,867
22	12	98 903	48 936,091	1 266 479,925	25,880	25,417	72	62	70 038	7 002,467	69 575,114	9,936	9,472
23	13	98 856	47 372,866	1 217 543,834	25,701	25,238	73	63	67 780	6 563,367	62 572,647	9,534	9,070
24	14	98 806	45 858,806	1 170 170,968	25,517	25,053	74	64	65 381	6 131,771	56 009,280	9,134	8,671
25	15	98 752	44 390,868	1 124 312,162	25,328	24,864	75	65	62 873	5 710,943	49 877,508	8,734	8,270
26	16	98 697	42 969,612	1 079 921,294	25,132	24,669	76	66	60 233	5 298,991	44 166,566	8,335	7,871
27	17	98 641	41 593,401	1 036 951,682	24,931	24,467	77	67	57 470	4 896,744	38 867,575	7,937	7,474
28	18	98 584	40 260,827	995 358,281	24,723	24,259	78	68	54 640	4 509,068	33 970,831	7,534	7,070
29	19	98 522	38 969,175	955 097,454	24,509	24,045	79	69	51 664	4 129,268	29 461,762	7,135	6,671
30	20	98 457	37 717,722	916 128,279	24,289	23,825	80	70	48 541	3 757,541	25 332,494	6,742	6,278
31	21	98 389	36 505,214	878 410,557	24,063	23,599	81	71	45 258	3 393,116	21 574,953	6,358	5,895
32	22	98 316	35 329,858	841 905,343	23,830	23,366	82	72	41 856	3 039,324	18 181,837	5,982	5,519
33	23	98 239	34 191,139	806 575,486	23,590	23,127	83	73	38 369	2 698,416	15 142,513	5,612	5,148
34	24	98 154	33 086,275	772 384,347	23,345	22,881	84	74	34 747	2 366,732	12 444,097	5,258	4,794
35	25	98 069	32 017,038	739 298,072	23,091	22,627	85	75	31 059	2 048,932	10 077,365	4,918	4,455
36	26	97 976	30 979,802	707 281,034	22,830	22,367	86	76	27 332	1 746,346	8 028,433	4,597	4,134
37	27	97 872	29 972,810	676 301,231	22,564	22,100	87	77	23 662	1 464,257	6 282,087	4,290	3,827
38	28	97 754	28 994,315	646 328,421	22,292	21,828	88	78	20 116	1 205,609	4 817,830	3,996	3,533
39	29	97 632	28 046,453	617 334,105	22,011	21,548	89	79	16 697	969,220	3 612,220	3,727	3,263
40	30	97 495	27 125,575	589 287,653	21,724	21,261	90	80	13 509	759,505	2 643,000	3,480	3,016
41	31	97 347	26 231,811	562 162,077	21,431	20,967	91	81	10 643	579,518	1 883,495	3,250	2,786
42	32	97 174	25 361,085	535 930,267	21,132	20,668	92	82	8 163	430,505	1 303,977	3,029	2,565
43	33	97 004	24 519,808	510 569,182	20,823	20,359	93	83	6 037	308,373	873,472	2,833	2,369
44	34	96 815	23 701,824	486 049,374	20,507	20,043	94	84	4 307	213,062	565,099	2,652	2,189
45	35	96 611	22 907,211	462 347,550	20,183	19,720	95	85	2 944	141,050	352,037	2,496	2,032
46	36	96 384	22 134,125	439 440,339	19,854	19,390	96	86	1 934	89,729	210,987	2,351	1,888
47	37	96 139	21 382,988	417 306,214	19,516	19,052	97	87	1 212	54,488	121,258	2,225	1,762
48	38	95 867	20 651,196	395 923,225	19,172	18,708	98	88	729	31,714	66,770	2,105	1,642
49	39	95 562	19 937,614	375 272,029	18,822	18,359	99	89	419	17,648	35,055	1,986	1,523
							100	90	226	9,222	17,407	1,888	1,424

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	39	95 282	19 253,328	356 678,204	18,526	18,062
							51	40	94 914	18 575,277	337 424,876	18,165	17,702
							52	41	94 514	17 914,864	318 849,599	17,798	17,334
							53	42	94 067	17 268,958	300 934,735	17,426	16,963
							54	43	93 567	16 636,452	283 665,777	17,051	16,587
							55	44	93 015	16 017,728	267 029,325	16,671	16,207
							56	45	92 399	15 410,726	251 011,598	16,288	15,824
							57	46	91 715	14 815,154	235 600,872	15,903	15,439
							58	47	90 959	14 230,505	220 785,718	15,515	15,051
							59	48	90 139	13 658,346	206 555,213	15,123	14,659
							60	49	89 220	13 093,578	192 896,866	14,732	14,269
11	0	99 550	70 024,736	1 925 337,225	27,495	27,031	61	50	88 219	12 539,117	179 803,289	14,339	13,876
12	1	99 255	67 619,765	1 855 312,490	27,437	26,974	62	51	87 123	11 993,623	167 264,172	13,946	13,482
13	2	99 225	65 470,936	1 787 692,724	27,305	26,842	63	52	85 920	11 455,734	155 270,549	13,554	13,090
14	3	99 202	63 395,883	1 722 221,788	27,166	26,703	64	53	84 620	10 927,267	143 814,815	13,161	12,697
15	4	99 180	61 386,665	1 658 825,905	27,023	26,559	65	54	83 218	10 407,872	132 887,548	12,768	12,304
16	5	99 156	59 439,684	1 597 439,241	26,875	26,411	66	55	81 714	9 898,173	122 479,676	12,374	11,910
17	6	99 126	57 551,627	1 537 999,556	26,724	26,260	67	56	80 092	9 396,223	112 581,503	11,982	11,518
18	7	99 093	55 721,143	1 480 447,929	26,569	26,105	68	57	78 378	8 905,702	103 185,280	11,586	11,123
19	8	99 050	53 943,808	1 424 726,786	26,411	25,948	69	58	76 550	8 424,225	94 279,578	11,191	10,728
20	9	99 003	52 220,972	1 370 782,978	26,250	25,786	70	59	74 623	7 953,706	85 855,353	10,794	10,331
21	10	98 956	50 553,656	1 318 562,006	26,082	25,619	71	60	72 605	7 495,040	77 901,648	10,394	9,930
22	11	98 911	48 939,855	1 268 008,350	25,910	25,446	72	61	70 432	7 041,804	70 406,608	9,998	9,535
23	12	98 862	47 375,860	1 219 068,495	25,732	25,268	73	62	68 197	6 603,795	63 364,804	9,595	9,132
24	13	98 814	45 862,431	1 171 692,636	25,548	25,084	74	63	65 826	6 173,505	56 761,009	9,194	8,731
25	14	98 761	44 394,964	1 125 830,204	25,359	24,896	75	64	63 342	5 753,570	50 587,503	8,792	8,329
26	15	98 708	42 974,587	1 081 435,241	25,165	24,701	76	65	60 720	5 341,799	44 833,934	8,393	7,929
27	16	98 653	41 598,719	1 038 460,654	24,964	24,500	77	66	57 978	4 940,007	39 492,135	7,994	7,531
28	17	98 596	40 266,048	996 861,935	24,757	24,293	78	67	55 156	4 551,663	34 552,128	7,591	7,127
29	18	98 538	38 975,502	956 595,887	24,544	24,080	79	68	52 197	4 171,837	30 000,465	7,191	6,728
30	19	98 473	37 723,923	917 620,385	24,325	23,861	80	69	49 108	3 801,434	25 828,628	6,794	6,331
31	20	98 405	36 511,190	879 896,463	24,099	23,636	81	70	45 833	3 436,247	22 027,194	6,410	5,947
32	21	98 333	35 335,857	843 385,273	23,868	23,404	82	71	42 443	3 081,899	18 590,948	6,032	5,569
33	22	98 256	34 196,876	808 049,415	23,629	23,166	83	72	38 952	2 739,364	15 509,048	5,662	5,198
34	23	98 170	33 091,687	773 852,539	23,385	22,921	84	73	35 338	2 407,016	12 769,685	5,305	4,842
35	24	98 085	32 022,299	740 760,852	23,133	22,669	85	74	31 634	2 086,897	10 362,669	4,966	4,502
36	25	97 995	30 985,827	708 738,553	22,873	22,409	86	75	27 893	1 782,204	8 275,772	4,644	4,180
37	26	97 890	29 978,154	677 752,727	22,608	22,145	87	76	24 198	1 497,423	6 493,568	4,336	3,873
38	27	97 775	29 000,398	647 774,573	22,337	21,873	88	77	20 609	1 235,178	4 996,144	4,045	3,581
39	28	97 655	28 053,129	618 774,175	22,057	21,594	89	78	17 164	996,328	3 760,967	3,775	3,311
40	29	97 519	27 132,271	590 721,046	21,772	21,308	90	79	13 939	783,648	2 764,639	3,528	3,064
41	30	97 374	26 239,231	563 588,775	21,479	21,015	91	80	11 032	600,699	1 980,991	3,298	2,834
42	31	97 205	25 369,254	537 349,544	21,181	20,718	92	81	8 507	448,637	1 380,292	3,077	2,613
43	32	97 037	24 528,047	511 980,291	20,873	20,410	93	82	6 335	323,582	931,654	2,879	2,416
44	33	96 849	23 710,128	487 452,243	20,559	20,095	94	83	4 559	225,509	608,072	2,696	2,233
45	34	96 648	22 915,960	463 742,116	20,237	19,773	95	84	3 145	150,660	382,563	2,539	2,076
46	35	96 429	22 144,465	440 826,155	19,907	19,443	96	85	2 087	96,868	231,903	2,394	1,930
47	36	96 185	21 393,190	418 681,690	19,571	19,107	97	86	1 325	59,568	135,035	2,267	1,803
48	37	95 915	20 661,629	397 288,500	19,228	18,765	98	87	809	35,203	75,467	2,144	1,680
49	38	95 615	19 948,668	376 626,872	18,880	18,416	99	88	472	19,903	40,264	2,023	1,559
							100	89	259	10,585	20,361	1,924	1,460

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	19 264,002	357 907,747	18,579	18,115
1							51	39	94 975	18 587,371	338 643,745	18,219	17,755
2							52	40	94 574	17 926,214	320 056,374	17,854	17,390
3							53	41	94 136	17 281,624	302 130,161	17,483	17,019
4							54	42	93 643	16 649,886	284 848,536	17,108	16,645
5							55	43	93 099	16 032,088	268 198,651	16,729	16,265
6							56	44	92 486	15 425,316	252 166,563	16,348	15,884
7							57	45	91 814	14 831,107	236 741,247	15,962	15,499
8							58	46	91 066	14 247,377	221 910,140	15,576	15,112
9							59	47	90 256	13 676,116	207 662,763	15,184	14,721
10							60	48	89 356	13 113,472	193 986,647	14,793	14,329
11							61	49	88 368	12 560,269	180 873,175	14,400	13,937
12	0	99 543	67 815,880	1 856 960,273	27,382	26,919	62	50	87 284	12 015,779	168 312,905	14,008	13,544
13	1	99 247	65 485,500	1 789 144,393	27,321	26,858	63	51	86 099	11 479,572	156 297,126	13,615	13,152
14	2	99 215	63 404,215	1 723 658,892	27,185	26,722	64	52	84 807	10 951,408	144 817,555	13,224	12,760
15	3	99 190	61 392,786	1 660 254,678	27,043	26,580	65	53	83 425	10 433,733	133 866,146	12,830	12,367
16	4	99 165	59 445,156	1 598 861,892	26,896	26,433	66	54	81 940	9 925,511	123 432,414	12,436	11,972
17	5	99 133	57 555,537	1 539 416,735	26,747	26,283	67	55	80 342	9 425,559	113 506,903	12,042	11,579
18	6	99 100	55 725,212	1 481 861,198	26,592	26,129	68	56	78 644	8 935,919	104 081,344	11,648	11,184
19	7	99 054	53 946,377	1 426 135,986	26,436	25,973	69	57	76 838	8 455,988	95 145,425	11,252	10,788
20	8	99 010	52 224,736	1 372 189,609	26,275	25,811	70	58	74 936	7 987,040	86 689,437	10,854	10,390
21	9	98 962	50 556,343	1 319 964,873	26,109	25,645	71	59	72 943	7 529,937	78 702,397	10,452	9,988
22	10	98 916	48 942,575	1 269 408,530	25,937	25,473	72	60	70 795	7 078,092	71 172,459	10,055	9,592
23	11	98 869	47 379,504	1 220 465,954	25,759	25,296	73	61	68 581	6 640,892	64 094,367	9,651	9,188
24	12	98 820	45 865,330	1 173 086,451	25,577	25,113	74	62	66 231	6 211,532	57 453,475	9,249	8,786
25	13	98 769	44 398,473	1 127 221,121	25,389	24,925	75	63	63 773	5 792,730	51 241,944	8,846	8,382
26	14	98 717	42 978,552	1 082 822,648	25,194	24,731	76	64	61 173	5 381,670	45 449,214	8,445	7,982
27	15	98 665	41 603,535	1 039 844,096	24,994	24,531	77	65	58 446	4 979,915	40 067,544	8,046	7,582
28	16	98 609	40 271,196	998 240,561	24,788	24,324	78	66	55 644	4 591,877	35 087,629	7,641	7,178
29	17	98 551	38 980,556	957 969,365	24,576	24,112	79	67	52 690	4 211,246	30 495,752	7,242	6,778
30	18	98 489	37 730,047	918 988,809	24,357	23,893	80	68	49 614	3 840,623	26 284,506	6,844	6,380
31	19	98 421	36 517,192	881 258,762	24,133	23,669	81	69	46 368	3 476,386	22 443,883	6,456	5,992
32	20	98 349	35 341,642	844 741,570	23,902	23,439	82	70	42 982	3 121,074	18 967,496	6,077	5,614
33	21	98 273	34 202,684	809 399,928	23,665	23,201	83	71	39 497	2 777,737	15 846,422	5,705	5,241
34	22	98 187	33 097,240	775 197,244	23,422	22,958	84	72	35 874	2 443,542	13 068,685	5,348	4,885
35	23	98 102	32 027,537	742 100,004	23,171	22,707	85	73	32 173	2 122,418	10 625,144	5,006	4,543
36	24	98 011	30 990,917	710 072,467	22,912	22,449	86	74	28 410	1 815,227	8 502,726	4,684	4,220
37	25	97 909	29 983,983	679 081,549	22,648	22,185	87	75	24 695	1 528,170	6 687,499	4,376	3,913
38	26	97 792	29 005,568	649 097,566	22,378	21,915	88	76	21 076	1 263,155	5 159,329	4,084	3,621
39	27	97 675	28 059,014	620 091,998	22,100	21,636	89	77	17 585	1 020,763	3 896,174	3,817	3,353
40	28	97 542	27 138,729	592 032,984	21,815	21,351	90	78	14 329	805,565	2 875,410	3,569	3,106
41	29	97 398	26 245,707	564 894,254	21,523	21,060	91	79	11 383	619,794	2 069,845	3,340	2,876
42	30	97 233	25 376,430	538 648,547	21,226	20,763	92	80	8 818	465,035	1 450,051	3,118	2,655
43	31	97 068	24 535,948	513 272,117	20,919	20,456	93	81	6 602	337,211	985,016	2,921	2,457
44	32	96 882	23 718,095	488 736,169	20,606	20,142	94	82	4 783	236,631	647,805	2,738	2,274
45	33	96 681	22 923,989	465 018,075	20,285	19,822	95	83	3 328	159,462	411,174	2,579	2,115
46	34	96 466	22 152,923	442 094,086	19,956	19,493	96	84	2 230	103,468	251,712	2,433	1,969
47	35	96 230	21 403,184	419 941,163	19,620	19,157	97	85	1 431	64,307	148,244	2,305	1,842
48	36	95 961	20 671,486	398 537,979	19,280	18,816	98	86	884	38,485	83,937	2,181	1,717
49	37	95 663	19 958,745	377 866,493	18,932	18,469	99	87	524	22,092	45,452	2,057	1,594
							100	88	292	11,938	23,360	1,957	1,493

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	37	95 383	19 273,734	359 032,412	18,628	18,164
							51	38	95 028	18 597,676	339 758,678	18,269	17,805
							52	39	94 636	17 937,885	321 161,002	17,904	17,440
							53	40	94 196	17 292,573	303 223,117	17,535	17,071
							54	41	93 712	16 662,098	285 930,544	17,161	16,697
							55	42	93 174	16 045,034	269 268,446	16,782	16,318
							56	43	92 569	15 439,145	253 223,413	16,401	15,938
							57	44	91 901	14 845,148	237 784,268	16,018	15,554
							58	45	91 165	14 262,719	222 939,120	15,631	15,167
							59	46	90 363	13 692,331	208 676,401	15,240	14,777
							60	47	89 472	13 130,534	194 984,070	14,850	14,386
							61	48	88 502	12 579,354	181 853,537	14,457	13,993
							62	49	87 431	12 036,048	169 274,183	14,064	13,600
13	0	99 535	65 675,425	1 790 664,156	27,265	26,802	63	50	86 258	11 500,778	157 238,135	13,672	13,208
14	1	99 237	63 418,320	1 724 988,731	27,200	26,737	64	51	84 984	10 974,196	145 737,357	13,280	12,816
15	2	99 203	61 400,854	1 661 570,411	27,061	26,597	65	52	83 609	10 456,784	134 763,161	12,888	12,424
16	3	99 175	59 451,084	1 600 169,557	26,916	26,452	66	53	82 144	9 950,173	124 306,377	12,493	12,029
17	4	99 142	57 560,836	1 540 718,473	26,767	26,303	67	54	80 564	9 451,591	114 356,204	12,099	11,636
18	5	99 107	55 728,998	1 483 157,638	26,614	26,150	68	55	78 889	8 963,818	104 904,613	11,703	11,239
19	6	99 062	53 950,316	1 427 428,639	26,458	25,995	69	56	77 099	8 484,680	95 940,795	11,308	10,844
20	7	99 014	52 227,224	1 373 478,323	26,298	25,835	70	57	75 218	8 017,155	87 456,115	10,907	10,445
21	8	98 969	50 559,987	1 321 251,099	26,132	25,669	71	58	73 249	7 561,496	79 438,960	10,506	10,042
22	9	98 922	48 945,177	1 270 691,112	25,962	25,498	72	59	71 124	7 111,048	71 877,464	10,108	9,644
23	10	98 875	47 382,138	1 221 745,935	25,785	25,321	73	60	68 934	6 675,114	64 766,416	9,703	9,239
24	11	98 828	45 868,857	1 174 363,798	25,603	25,139	74	61	66 603	6 246,426	58 091,302	9,300	8,836
25	12	98 775	44 401,279	1 128 494,940	25,416	24,952	75	62	64 166	5 828,411	51 844,877	8,895	8,432
26	13	98 725	42 981,949	1 084 093,662	25,222	24,758	76	63	61 590	5 418,299	46 016,466	8,493	8,029
27	14	98 674	41 607,373	1 041 111,712	25,022	24,559	77	64	58 882	5 017,085	40 598,167	8,092	7,628
28	15	98 620	40 275,859	999 504,339	24,816	24,353	78	65	56 093	4 628,972	35 581,082	7,687	7,223
29	16	98 563	38 985,540	959 228,480	24,605	24,141	79	66	53 155	4 248,453	30 952,109	7,286	6,822
30	17	98 502	37 734,940	920 242,940	24,387	23,923	80	67	50 083	3 876,903	26 703,657	6,888	6,424
31	18	98 437	36 523,120	882 508,001	24,163	23,699	81	68	46 847	3 512,225	22 826,754	6,499	6,036
32	19	98 365	35 347,452	845 984,880	23,933	23,470	82	69	43 484	3 157,532	19 314,529	6,117	5,653
33	20	98 289	34 208,283	810 637,428	23,697	23,233	83	70	39 999	2 813,045	16 156,997	5,744	5,280
34	21	98 204	33 102,861	776 429,145	23,455	22,991	84	71	36 377	2 477,771	13 343,951	5,385	4,922
35	22	98 118	32 032,912	743 326,284	23,205	22,741	85	72	32 661	2 154,625	10 866,181	5,043	4,580
36	23	98 027	30 995,987	711 293,373	22,948	22,484	86	73	28 894	1 846,124	8 711,555	4,719	4,255
37	24	97 925	29 988,909	680 297,386	22,685	22,221	87	74	25 152	1 556,486	6 865,432	4,411	3,947
38	25	97 811	29 011,208	650 308,476	22,416	21,952	88	75	21 508	1 289,092	5 308,946	4,118	3,655
39	26	97 693	28 064,017	621 297,268	22,139	21,675	89	76	17 983	1 043,884	4 019,854	3,851	3,387
40	27	97 563	27 144,423	593 233,251	21,855	21,391	90	77	14 680	825,322	2 975,970	3,606	3,142
41	28	97 421	26 251,955	566 088,829	21,564	21,100	91	78	11 701	637,129	2 150,648	3,376	2,912
42	29	97 257	25 382,693	539 836,874	21,268	20,804	92	79	9 098	479,817	1 513,519	3,154	2,691
43	30	97 095	24 542,888	514 454,180	20,961	20,498	93	80	6 843	349,536	1 033,702	2,957	2,494
44	31	96 913	23 725,735	489 911,292	20,649	20,185	94	81	4 985	246,598	684,166	2,774	2,311
45	32	96 714	22 931,692	466 185,557	20,329	19,866	95	82	3 492	167,326	437,568	2,615	2,151
46	33	96 500	22 160,684	443 253,865	20,002	19,538	96	83	2 360	109,512	270,242	2,468	2,004
47	34	96 267	21 411,359	421 093,181	19,667	19,203	97	84	1 528	68,689	160,729	2,340	1,876
48	35	96 006	20 681,143	399 681,823	19,326	18,862	98	85	954	41,546	92,040	2,215	1,752
49	36	95 709	19 968,267	379 000,680	18,980	18,517	99	86	573	24,152	50,494	2,091	1,627
							100	87	325	13,251	26,342	1,988	1,524

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	36	95 428	19 282,930	360 061,159	18,673	18,209
							51	37	95 076	18 607,071	340 778,230	18,314	17,851
							52	38	94 688	17 947,830	322 171,159	17,950	17,487
							53	39	94 257	17 303,831	304 223,329	17,581	17,118
							54	40	93 771	16 672,654	286 919,497	17,209	16,745
							55	41	93 242	16 056,802	270 246,843	16,831	16,367
							56	42	92 644	15 451,612	254 190,041	16,451	15,987
							57	43	91 983	14 858,457	238 738,429	16,068	15,604
							58	44	91 251	14 276,222	223 879,972	15,682	15,218
							59	45	90 460	13 707,075	209 603,750	15,292	14,828
							60	46	89 578	13 146,101	195 896,675	14,902	14,438
							61	47	88 617	12 595,720	182 750,574	14,509	14,045
							62	48	87 564	12 054,336	170 154,854	14,116	13,652
							63	49	86 404	11 520,179	158 100,518	13,724	13,260
14	0	99 525	63 602,249	1 726 390,716	27,144	26,680	64	50	85 141	10 994,469	146 580,340	13,332	12,869
15	1	99 225	61 414,513	1 662 788,467	27,075	26,611	65	51	83 783	10 478,543	135 585,871	12,939	12,476
16	2	99 188	59 458,897	1 601 373,953	26,932	26,469	66	52	82 325	9 972,156	125 107,328	12,546	12,082
17	3	99 152	57 566,575	1 541 915,056	26,785	26,321	67	53	80 764	9 475,076	115 135,172	12,151	11,688
18	4	99 116	55 734,129	1 484 348,481	26,633	26,169	68	54	79 107	8 988,575	105 660,097	11,755	11,291
19	5	99 068	53 953,982	1 428 614,352	26,478	26,015	69	55	77 340	8 511,170	96 671,521	11,358	10,895
20	6	99 022	52 231,037	1 374 660,370	26,319	25,855	70	56	75 474	8 044,358	88 160,352	10,959	10,496
21	7	98 973	50 562,395	1 322 429,333	26,154	25,691	71	57	73 525	7 590,006	80 115,994	10,555	10,092
22	8	98 929	48 948,705	1 271 866,938	25,984	25,520	72	58	71 422	7 140,851	72 525,988	10,156	9,693
23	9	98 880	47 384,656	1 222 918,233	25,808	25,345	73	59	69 255	6 706,194	65 385,137	9,750	9,286
24	10	98 833	45 871,407	1 175 533,577	25,627	25,163	74	60	66 947	6 278,615	58 678,943	9,346	8,882
25	11	98 783	44 404,694	1 129 662,169	25,440	24,977	75	61	64 526	5 861,152	52 400,329	8,940	8,477
26	12	98 731	42 984,666	1 085 257,476	25,248	24,784	76	62	61 969	5 451,674	46 539,176	8,537	8,073
27	13	98 682	41 610,662	1 042 272,810	25,048	24,585	77	63	59 283	5 051,233	41 087,503	8,134	7,671
28	14	98 629	40 279,575	1 000 662,147	24,843	24,379	78	64	56 512	4 663,523	36 036,270	7,727	7,264
29	15	98 575	38 990,054	960 382,573	24,631	24,168	79	65	53 585	4 282,773	31 372,747	7,325	6,862
30	16	98 515	37 739,764	921 392,519	24,414	23,951	80	66	50 525	3 911,156	27 089,973	6,926	6,463
31	17	98 450	36 527,856	883 652,755	24,191	23,728	81	67	47 289	3 545,403	23 178,817	6,538	6,074
32	18	98 381	35 353,191	847 124,899	23,962	23,498	82	68	43 933	3 190,084	19 633,415	6,155	5,691
33	19	98 305	34 213,907	811 771,708	23,726	23,263	83	69	40 466	2 845,905	16 443,331	5,778	5,314
34	20	98 220	33 108,280	777 557,801	23,485	23,022	84	70	36 839	2 509,266	13 597,426	5,419	4,955
35	21	98 135	32 038,352	744 449,521	23,236	22,773	85	71	33 118	2 184,807	11 088,160	5,075	4,611
36	22	98 044	31 001,188	712 411,170	22,980	22,516	86	72	29 332	1 874,138	8 903,352	4,751	4,287
37	23	97 941	29 993,815	681 409,981	22,718	22,255	87	73	25 581	1 582,979	7 029,214	4,440	3,977
38	24	97 827	29 015,975	651 416,166	22,450	21,987	88	74	21 907	1 312,977	5 446,236	4,148	3,684
39	25	97 712	28 069,474	622 400,191	22,174	21,710	89	75	18 352	1 065,318	4 133,258	3,880	3,416
40	26	97 580	27 149,262	594 330,718	21,891	21,428	90	76	15 013	844,016	3 067,940	3,635	3,171
41	27	97 442	26 257,462	567 181,456	21,601	21,137	91	77	11 988	652,755	2 223,924	3,407	2,943
42	28	97 280	25 388,736	540 923,994	21,306	20,842	92	78	9 353	493,237	1 571,169	3,185	2,722
43	29	97 119	24 548,946	515 535,258	21,000	20,537	93	79	7 061	360,647	1 077,932	2,989	2,525
44	30	96 940	23 732,446	490 986,312	20,688	20,225	94	80	5 167	255,611	717,285	2,806	2,343
45	31	96 745	22 939,078	467 253,866	20,369	19,906	95	81	3 639	174,374	461,674	2,648	2,184
46	32	96 532	22 168,131	444 314,788	20,043	19,579	96	82	2 476	114,914	287,300	2,500	2,037
47	33	96 301	21 418,860	422 146,657	19,709	19,245	97	83	1 618	72,702	172,387	2,371	1,908
48	34	96 042	20 689,042	400 727,797	19,369	18,905	98	84	1 019	44,377	99,685	2,246	1,783
49	35	95 754	19 977,596	380 038,755	19,023	18,560	99	85	618	26,074	55,308	2,121	1,658
							100	86	355	14,486	29,234	2,018	1,554

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	19 291,938	361 002,516	18,713	18,249
1							51	36	95 121	18 615,948	341 710,578	18,356	17,892
2							52	37	94 736	17 956,897	323 094,630	17,993	17,529
3							53	38	94 310	17 313,425	305 137,733	17,624	17,161
4							54	39	93 832	16 683,509	287 824,308	17,252	16,788
5							55	40	93 301	16 066,975	271 140,799	16,876	16,412
6							56	41	92 712	15 462,945	255 073,824	16,496	16,032
7							57	42	92 057	14 870,455	239 610,879	16,113	15,650
8							58	43	91 333	14 289,021	224 740,424	15,728	15,265
9							59	44	90 546	13 720,052	210 451,403	15,339	14,875
10							60	45	89 674	13 160,257	196 731,351	14,949	14,485
11							61	46	88 722	12 610,654	183 571,094	14,557	14,093
12							62	47	87 678	12 070,019	170 960,440	14,164	13,700
13							63	48	86 535	11 537,683	158 890,421	13,771	13,308
14							64	49	85 285	11 013,016	147 352,738	13,380	12,916
15	0	99 513	61 592,631	1 664 082,086	27,018	26,554	65	50	83 938	10 497,900	136 339,723	12,987	12,524
16	1	99 210	59 472,124	1 602 489,454	26,945	26,482	66	51	82 497	9 992,906	125 841,823	12,593	12,129
17	2	99 165	57 574,141	1 543 017,330	26,801	26,337	67	52	80 942	9 496,009	115 848,917	12,200	11,736
18	3	99 126	55 739,686	1 485 443,189	26,650	26,186	68	53	79 304	9 010,910	106 352,908	11,803	11,339
19	4	99 077	53 958,949	1 429 703,503	26,496	26,033	69	54	77 553	8 534,677	97 341,999	11,405	10,942
20	5	99 028	52 234,586	1 375 744,554	26,338	25,874	70	55	75 709	8 069,473	88 807,322	11,005	10,542
21	6	98 981	50 566,087	1 323 509,968	26,174	25,710	71	56	73 775	7 615,759	80 737,849	10,601	10,138
22	7	98 933	48 951,036	1 272 943,880	26,004	25,541	72	57	71 692	7 167,775	73 122,090	10,202	9,738
23	8	98 887	47 388,071	1 223 992,844	25,829	25,366	73	58	69 545	6 734,300	65 954,315	9,794	9,330
24	9	98 839	45 873,845	1 176 604,773	25,649	25,185	74	59	67 258	6 307,848	59 220,015	9,388	8,925
25	10	98 788	44 407,162	1 130 730,927	25,463	24,999	75	60	64 859	5 891,356	52 912,167	8,981	8,518
26	11	98 739	42 987,972	1 086 323,765	25,270	24,807	76	61	62 317	5 482,299	47 020,811	8,577	8,113
27	12	98 688	41 613,292	1 043 335,793	25,072	24,609	77	62	59 648	5 082,346	41 538,512	8,173	7,709
28	13	98 637	40 282,759	1 001 722,501	24,867	24,404	78	63	56 896	4 695,264	36 456,165	7,764	7,301
29	14	98 584	38 993,651	961 439,742	24,656	24,193	79	64	53 985	4 314,741	31 760,901	7,361	6,897
30	15	98 526	37 744,134	922 446,092	24,439	23,976	80	65	50 934	3 942,752	27 446,161	6,961	6,498
31	16	98 463	36 532,527	884 701,958	24,217	23,753	81	66	47 707	3 576,727	23 503,409	6,571	6,108
32	17	98 394	35 357,775	848 169,431	23,988	23,525	82	67	44 348	3 220,218	19 926,682	6,188	5,724
33	18	98 321	34 219,461	812 811,656	23,753	23,289	83	68	40 884	2 875,244	16 706,464	5,810	5,347
34	19	98 236	33 113,723	778 592,195	23,513	23,049	84	69	37 270	2 538,578	13 831,220	5,448	4,985
35	20	98 151	32 043,596	745 478,472	23,265	22,801	85	70	33 539	2 212,579	11 292,642	5,104	4,640
36	21	98 061	31 006,453	713 434,875	23,009	22,546	86	71	29 743	1 900,391	9 080,063	4,778	4,314
37	22	97 957	29 998,848	682 428,422	22,748	22,285	87	72	25 969	1 607,000	7 179,672	4,468	4,004
38	23	97 843	29 020,721	652 429,574	22,482	22,018	88	73	22 280	1 335,325	5 572,672	4,173	3,710
39	24	97 728	28 074,085	623 408,853	22,206	21,742	89	74	18 693	1 085,058	4 237,347	3,905	3,442
40	25	97 599	27 154,541	595 334,767	21,924	21,460	90	75	15 321	861,347	3 152,289	3,660	3,196
41	26	97 459	26 262,143	568 180,226	21,635	21,171	91	76	12 259	667,540	2 290,943	3,432	2,968
42	27	97 300	25 394,062	541 918,083	21,340	20,877	92	77	9 582	505,334	1 623,403	3,213	2,749
43	28	97 142	24 554,790	516 524,021	21,036	20,572	93	78	7 258	370,734	1 118,069	3,016	2,552
44	29	96 964	23 738,304	491 969,231	20,725	20,261	94	79	5 331	263,736	747,335	2,834	2,370
45	30	96 772	22 945,567	468 230,927	20,406	19,943	95	80	3 772	180,747	483,599	2,676	2,212
46	31	96 563	22 175,271	445 285,360	20,080	19,617	96	81	2 581	119,754	302,852	2,529	2,065
47	32	96 333	21 426,057	423 110,089	19,747	19,284	97	82	1 697	76,287	183,098	2,400	1,936
48	33	96 076	20 696,290	401 684,032	19,409	18,945	98	83	1 079	46,970	106,811	2,274	1,810
49	34	95 790	19 985,226	380 987,742	19,063	18,600	99	84	661	27,850	59,841	2,149	1,685
							100	85	383	15,639	31,991	2,046	1,582

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	19 299,306	361 862,819	18,750	18,286
1							51	35	95 166	18 624,645	342 563,513	18,393	17,929
2							52	36	94 781	17 965,464	323 938,868	18,031	17,568
3							53	37	94 357	17 322,171	305 973,404	17,664	17,200
4							54	38	93 884	16 692,758	288 651,232	17,292	16,828
5							55	39	93 362	16 077,435	271 958,474	16,916	16,452
6							56	40	92 771	15 472,742	255 881,039	16,538	16,074
7							57	41	92 125	14 881,362	240 408,297	16,155	15,691
8							58	42	91 406	14 300,559	225 526,935	15,770	15,307
9							59	43	90 627	13 732,352	211 226,376	15,382	14,918
10							60	44	89 759	13 172,716	197 494,024	14,993	14,529
11							61	45	88 818	12 624,233	184 321,307	14,601	14,137
12							62	46	87 782	12 084,329	171 697,074	14,208	13,745
13							63	47	86 648	11 552,694	159 612,745	13,816	13,352
14							64	48	85 414	11 029,749	148 060,051	13,424	12,960
15							65	49	84 079	10 515,609	137 030,302	13,031	12,568
16	0	99 497	59 644,609	1 603 683,355	26,887	26,424	66	50	82 649	10 011,366	126 514,693	12,637	12,173
17	1	99 187	57 586,949	1 544 038,746	26,812	26,349	67	51	81 111	9 515,768	116 503,327	12,243	11,780
18	2	99 139	55 747,011	1 486 451,798	26,664	26,201	68	52	79 479	9 030,817	106 987,559	11,847	11,383
19	3	99 087	53 964,330	1 430 704,786	26,512	26,048	69	53	77 746	8 555,883	97 956,742	11,449	10,985
20	4	99 037	52 239,395	1 376 740,457	26,354	25,891	70	54	75 918	8 091,760	89 400,859	11,048	10,585
21	5	98 987	50 569,523	1 324 501,061	26,192	25,728	71	55	74 005	7 639,536	81 309,099	10,643	10,180
22	6	98 941	48 954,611	1 273 931,538	26,023	25,559	72	56	71 935	7 192,096	73 669,562	10,243	9,780
23	7	98 892	47 390,329	1 224 976,928	25,849	25,385	73	57	69 807	6 759,691	66 477,466	9,834	9,371
24	8	98 846	45 877,152	1 177 586,599	25,668	25,205	74	58	67 540	6 334,285	59 717,775	9,428	8,964
25	9	98 793	44 409,523	1 131 709,448	25,483	25,020	75	59	65 161	5 918,786	53 383,490	9,019	8,556
26	10	98 744	42 990,362	1 087 299,925	25,292	24,828	76	60	62 638	5 510,550	47 464,704	8,613	8,150
27	11	98 695	41 616,493	1 044 309,563	25,094	24,630	77	61	59 983	5 110,897	41 954,154	8,209	7,745
28	12	98 643	40 285,305	1 002 693,070	24,890	24,426	78	62	57 247	4 724,185	36 843,257	7,799	7,335
29	13	98 592	38 996,733	962 407,766	24,679	24,216	79	63	54 352	4 344,107	32 119,072	7,394	6,930
30	14	98 535	37 747,616	923 411,033	24,463	23,999	80	64	51 314	3 972,181	27 774,964	6,992	6,529
31	15	98 474	36 536,757	885 663,416	24,240	23,777	81	65	48 092	3 605,621	23 802,783	6,602	6,138
32	16	98 406	35 362,296	849 126,660	24,012	23,549	82	66	44 739	3 248,669	20 197,162	6,217	5,753
33	17	98 333	34 223,898	813 764,364	23,778	23,314	83	67	41 270	2 902,405	16 948,493	5,839	5,376
34	18	98 252	33 119,099	779 540,466	23,537	23,074	84	68	37 654	2 564,748	14 046,088	5,477	5,013
35	19	98 167	32 048,864	746 421,367	23,290	22,826	85	69	33 931	2 238,424	11 481,340	5,129	4,666
36	20	98 077	31 011,529	714 372,503	23,036	22,572	86	70	30 121	1 924,547	9 242,916	4,803	4,339
37	21	97 974	30 003,943	683 360,973	22,776	22,312	87	71	26 333	1 629,511	7 318,368	4,491	4,028
38	22	97 860	29 025,591	653 357,031	22,510	22,046	88	72	22 618	1 355,589	5 688,857	4,197	3,733
39	23	97 744	28 078,678	624 331,439	22,235	21,771	89	73	19 011	1 103,526	4 333,269	3,927	3,463
40	24	97 615	27 159,003	596 252,762	21,954	21,491	90	74	15 605	877,307	3 229,742	3,681	3,218
41	25	97 478	26 267,250	569 093,759	21,666	21,202	91	75	12 511	681,247	2 352,435	3,453	2,990
42	26	97 318	25 398,589	542 826,509	21,372	20,909	92	76	9 799	516,780	1 671,189	3,234	2,770
43	27	97 163	24 559,941	517 427,920	21,068	20,604	93	77	7 436	379,826	1 154,409	3,039	2,576
44	28	96 987	23 743,954	492 867,979	20,758	20,294	94	78	5 480	271,113	774,583	2,857	2,393
45	29	96 796	22 951,230	469 124,024	20,440	19,976	95	79	3 892	186,493	503,470	2,700	2,236
46	30	96 591	22 181,544	446 172,794	20,115	19,651	96	80	2 675	124,131	316,978	2,554	2,090
47	31	96 364	21 432,959	423 991,250	19,782	19,319	97	81	1 769	79,500	192,847	2,426	1,962
48	32	96 108	20 703,245	402 558,291	19,444	18,981	98	82	1 132	49,286	113,347	2,300	1,836
49	33	95 824	19 992,228	381 855,047	19,100	18,637	99	83	699	29,477	64,061	2,173	1,710
							100	84	409	16,704	34,584	2,070	1,607

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	19 306,068	362 648,807	18,784	18,321
1							51	34	95 202	18 631,758	343 342,739	18,428	17,964
2							52	35	94 825	17 973,857	324 710,981	18,066	17,602
3							53	36	94 402	17 330,436	306 737,124	17,699	17,236
4							54	37	93 931	16 701,191	289 406,689	17,329	16,865
5							55	38	93 414	16 086,349	272 705,497	16,953	16,489
6							56	39	92 831	15 482,815	256 619,148	16,574	16,111
7							57	40	92 183	14 890,790	241 136,333	16,194	15,730
8							58	41	91 473	14 311,048	226 245,543	15,809	15,346
9							59	42	90 700	13 743,441	211 934,495	15,421	14,957
10							60	43	89 840	13 184,526	198 191,053	15,032	14,568
11							61	44	88 902	12 636,185	185 006,528	14,641	14,177
12							62	45	87 877	12 097,342	172 370,343	14,249	13,785
13							63	46	86 750	11 566,391	160 273,001	13,857	13,393
14							64	47	85 525	11 044,099	148 706,610	13,465	13,001
15							65	48	84 207	10 531,586	137 662,511	13,071	12,608
16							66	49	82 788	10 028,254	127 130,925	12,677	12,214
17	0	99 475	57 753,966	1 545 140,862	26,754	26,290	67	50	81 260	9 533,347	117 102,670	12,283	11,820
18	1	99 161	55 759,413	1 487 386,896	26,675	26,211	68	51	79 644	9 049,609	107 569,323	11,887	11,423
19	2	99 100	53 971,422	1 431 627,483	26,526	26,062	69	52	77 918	8 574,785	98 519,715	11,489	11,026
20	3	99 047	52 244,604	1 377 656,061	26,369	25,906	70	53	76 107	8 111,866	89 944,929	11,088	10,624
21	4	98 997	50 574,178	1 325 411,457	26,207	25,744	71	54	74 209	7 660,636	81 833,063	10,682	10,219
22	5	98 947	48 957,937	1 274 837,279	26,039	25,576	72	55	72 160	7 214,550	74 172,427	10,281	9,817
23	6	98 899	47 393,789	1 225 879,342	25,866	25,402	73	56	70 044	6 782,627	66 957,877	9,872	9,408
24	7	98 850	45 879,337	1 178 485,553	25,687	25,223	74	57	67 795	6 358,168	60 175,250	9,464	9,001
25	8	98 800	44 412,724	1 132 606,216	25,502	25,038	75	58	65 434	5 943,592	53 817,082	9,055	8,591
26	9	98 750	42 992,647	1 088 193,492	25,311	24,848	76	59	62 930	5 536,208	47 873,490	8,647	8,184
27	10	98 701	41 618,806	1 045 200,845	25,114	24,650	77	60	60 293	5 137,234	42 337,282	8,241	7,778
28	11	98 651	40 288,403	1 003 582,039	24,910	24,446	78	61	57 568	4 750,724	37 200,047	7,830	7,367
29	12	98 598	38 999,198	963 293,636	24,700	24,237	79	62	54 687	4 370,866	32 449,324	7,424	6,960
30	13	98 543	37 750,600	924 294,439	24,484	24,021	80	63	51 663	3 999,216	28 078,458	7,021	6,557
31	14	98 483	36 540,127	886 543,839	24,262	23,799	81	64	48 451	3 632,534	24 079,242	6,629	6,165
32	15	98 418	35 366,390	850 003,711	24,034	23,571	82	65	45 101	3 274,913	20 446,708	6,243	5,780
33	16	98 346	34 228,274	814 637,321	23,800	23,337	83	66	41 634	2 928,048	17 171,795	5,865	5,401
34	17	98 265	33 123,394	780 409,047	23,561	23,097	84	67	38 010	2 588,976	14 243,747	5,502	5,038
35	18	98 183	32 054,067	747 285,653	23,313	22,850	85	68	34 281	2 261,501	11 654,771	5,154	4,690
36	19	98 093	31 016,627	715 231,586	23,060	22,596	86	69	30 473	1 947,028	9 393,270	4,824	4,361
37	20	97 990	30 008,855	684 214,959	22,800	22,337	87	70	26 667	1 650,224	7 446,242	4,512	4,049
38	21	97 876	29 030,520	654 206,104	22,535	22,071	88	71	22 935	1 374,578	5 796,018	4,217	3,753
39	22	97 760	28 083,390	625 175,584	22,261	21,798	89	72	19 299	1 120,272	4 421,440	3,947	3,483
40	23	97 631	27 163,445	597 092,194	21,981	21,518	90	73	15 870	892,239	3 301,168	3,700	3,236
41	24	97 494	26 271,566	569 928,749	21,694	21,230	91	74	12 743	693,869	2 408,929	3,472	3,008
42	25	97 337	25 403,528	543 657,183	21,401	20,937	92	75	10 000	527,391	1 715,059	3,252	2,788
43	26	97 180	24 564,320	518 253,655	21,098	20,634	93	76	7 605	388,429	1 187,668	3,058	2,594
44	27	97 008	23 748,936	493 689,335	20,788	20,324	94	77	5 615	277,762	799,239	2,877	2,414
45	28	96 819	22 956,694	469 940,400	20,471	20,007	95	78	4 001	191,708	521,477	2,720	2,257
46	29	96 614	22 187,019	446 983,706	20,146	19,683	96	79	2 760	128,076	329,768	2,575	2,111
47	30	96 391	21 439,021	424 796,687	19,814	19,351	97	80	1 834	82,406	201,692	2,448	1,984
48	31	96 139	20 709,913	403 357,666	19,477	19,013	98	81	1 180	51,362	119,286	2,322	1,859
49	32	95 856	19 998,946	382 647,752	19,133	18,670	99	82	734	30,931	67,924	2,196	1,732
							100	83	433	17,680	36,993	2,092	1,629

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	19 312,555	363 366,942	18,815	18,351
1							51	33	95 236	18 638,286	344 054,387	18,460	17,996
2							52	34	94 862	17 980,722	325 416,101	18,098	17,634
3							53	35	94 446	17 338,532	307 435,379	17,731	17,268
4							54	36	93 976	16 709,159	290 096,848	17,362	16,898
5							55	37	93 461	16 094,476	273 387,689	16,986	16,523
6							56	38	92 883	15 491,399	257 293,213	16,609	16,145
7							57	39	92 243	14 900,485	241 801,814	16,228	15,764
8							58	40	91 531	14 320,115	226 901,329	15,845	15,381
9							59	41	90 767	13 753,522	212 581,214	15,456	14,993
10							60	42	89 912	13 195,172	198 827,692	15,068	14,605
11							61	43	88 981	12 647,513	185 632,520	14,677	14,214
12							62	44	87 960	12 108,795	172 985,007	14,286	13,822
13							63	45	86 844	11 578,846	160 876,212	13,894	13,430
14							64	46	85 627	11 057,193	149 297,366	13,502	13,039
15							65	47	84 316	10 545,288	138 240,173	13,109	12,646
16							66	48	82 914	10 043,491	127 694,885	12,714	12,251
17							67	49	81 398	9 549,429	117 651,393	12,320	11,857
18	0	99 448	55 921,130	1 488 404,518	26,616	26,153	68	50	79 791	9 066,326	108 101,964	11,923	11,460
19	1	99 122	53 983,428	1 432 483,388	26,536	26,072	69	51	78 080	8 592,628	99 035,638	11,526	11,062
20	2	99 060	52 251,470	1 378 499,960	26,382	25,918	70	52	76 275	8 129,787	90 443,010	11,125	10,661
21	3	99 006	50 579,221	1 326 248,490	26,221	25,758	71	53	74 394	7 679,671	82 313,223	10,718	10,255
22	4	98 957	48 962,444	1 275 669,269	26,054	25,590	72	54	72 359	7 234,476	74 633,552	10,316	9,853
23	5	98 906	47 397,009	1 226 706,824	25,882	25,418	73	55	70 263	6 803,803	67 399,076	9,906	9,442
24	6	98 858	45 882,687	1 179 309,815	25,703	25,239	74	56	68 025	6 379,742	60 595,273	9,498	9,034
25	7	98 805	44 414,839	1 133 427,128	25,519	25,055	75	57	65 681	5 966,002	54 215,531	9,087	8,624
26	8	98 757	42 995,746	1 089 012,289	25,328	24,865	76	58	63 194	5 559,410	48 249,529	8,679	8,215
27	9	98 706	41 621,019	1 046 016,543	25,132	24,668	77	59	60 573	5 161,154	42 690,119	8,271	7,808
28	10	98 657	40 290,643	1 004 395,525	24,929	24,465	78	60	57 865	4 775,205	37 528,965	7,859	7,396
29	11	98 605	39 002,197	964 104,882	24,719	24,256	79	61	54 994	4 395,419	32 753,760	7,452	6,988
30	12	98 549	37 752,986	925 102,685	24,504	24,040	80	62	51 981	4 023,850	28 358,341	7,048	6,584
31	13	98 491	36 543,016	887 349,699	24,282	23,819	81	63	48 781	3 657,257	24 334,490	6,654	6,190
32	14	98 427	35 369,653	850 806,683	24,055	23,591	82	64	45 437	3 299,358	20 677,233	6,267	5,803
33	15	98 357	34 232,237	815 437,030	23,821	23,357	83	65	41 971	2 951,702	17 377,875	5,887	5,424
34	16	98 277	33 127,629	781 204,793	23,582	23,118	84	66	38 345	2 611,850	14 426,174	5,523	5,060
35	17	98 195	32 058,224	748 077,165	23,335	22,871	85	67	34 605	2 282,864	11 814,324	5,175	4,712
36	18	98 109	31 021,663	716 018,941	23,081	22,618	86	68	30 787	1 967,101	9 531,460	4,845	4,382
37	19	98 006	30 013,788	684 997,278	22,823	22,359	87	69	26 979	1 669,501	7 564,360	4,531	4,067
38	20	97 892	29 035,273	654 983,490	22,558	22,095	88	70	23 226	1 392,050	5 894,859	4,235	3,771
39	21	97 777	28 088,159	625 948,217	22,285	21,822	89	71	19 570	1 135,965	4 502,809	3,964	3,500
40	22	97 647	27 168,004	597 860,058	22,006	21,542	90	72	16 111	905,779	3 366,844	3,717	3,253
41	23	97 510	26 275,863	570 692,055	21,719	21,256	91	73	12 960	705,680	2 461,065	3,488	3,024
42	24	97 353	25 407,702	544 416,191	21,427	20,964	92	74	10 186	537,163	1 755,385	3,268	2,804
43	25	97 199	24 569,096	519 008,490	21,124	20,661	93	75	7 761	396,405	1 218,222	3,073	2,610
44	26	97 025	23 753,169	494 439,394	20,816	20,352	94	76	5 742	284,053	821,817	2,893	2,430
45	27	96 840	22 961,510	470 686,224	20,499	20,035	95	77	4 099	196,410	537,764	2,738	2,274
46	28	96 637	22 192,300	447 724,714	20,175	19,711	96	78	2 837	131,658	341,353	2,593	2,129
47	29	96 415	21 444,313	425 532,414	19,844	19,380	97	79	1 892	85,026	209,695	2,466	2,003
48	30	96 167	20 715,771	404 088,101	19,506	19,043	98	80	1 223	53,239	124,669	2,342	1,878
49	31	95 887	20 005,387	383 372,329	19,163	18,700	99	81	765	32,234	71,430	2,216	1,752
							100	82	454	18,552	39,196	2,113	1,649

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	19 318,775	364 023,128	18,843	18,379
1							51	32	95 268	18 644,549	344 704,352	18,488	18,025
2							52	33	94 895	17 987,021	326 059,803	18,128	17,664
3							53	34	94 482	17 345,154	308 072,782	17,761	17,298
4							54	35	94 020	16 716,965	290 727,628	17,391	16,928
5							55	36	93 506	16 102,154	274 010,663	17,017	16,553
6							56	37	92 929	15 499,225	257 908,509	16,640	16,176
7							57	38	92 294	14 908,746	242 409,284	16,260	15,796
8							58	39	91 591	14 329,438	227 500,538	15,876	15,413
9							59	40	90 824	13 762,235	213 171,100	15,490	15,026
10							60	41	89 978	13 204,851	199 408,865	15,101	14,638
11							61	42	89 053	12 657,726	186 204,014	14,711	14,247
12							62	43	88 039	12 119,651	173 546,288	14,319	13,856
13							63	44	86 926	11 589,808	161 426,637	13,928	13,465
14							64	45	85 719	11 069,100	149 836,830	13,536	13,073
15							65	46	84 416	10 557,791	138 767,730	13,144	12,680
16							66	47	83 022	10 056,559	128 209,939	12,749	12,285
17							67	48	81 521	9 563,938	118 153,380	12,354	11,890
18							68	49	79 926	9 081,620	108 589,442	11,957	11,493
19	0	99 410	54 139,994	1 433 423,204	26,476	26,013	69	50	78 224	8 608,501	99 507,822	11,559	11,096
20	1	99 082	52 263,094	1 379 283,210	26,391	25,928	70	51	76 434	8 146,704	90 899,321	11,158	10,694
21	2	99 019	50 585,868	1 327 020,116	26,233	25,769	71	52	74 558	7 696,637	82 752,616	10,752	10,288
22	3	98 966	48 967,326	1 276 434,248	26,067	25,603	72	53	72 539	7 252,452	75 055,979	10,349	9,885
23	4	98 915	47 401,373	1 227 466,921	25,895	25,432	73	54	70 457	6 822,594	67 803,528	9,938	9,474
24	5	98 864	45 885,805	1 180 065,549	25,717	25,254	74	55	68 237	6 399,660	60 980,933	9,529	9,065
25	6	98 812	44 418,082	1 134 179,744	25,534	25,071	75	56	65 904	5 986,246	54 581,273	9,118	8,654
26	7	98 762	42 997,793	1 089 761,662	25,345	24,881	76	57	63 432	5 580,372	48 595,028	8,708	8,245
27	8	98 713	41 624,018	1 046 763,868	25,148	24,684	77	58	60 827	5 182,784	43 014,656	8,300	7,836
28	9	98 662	40 292,784	1 005 139,850	24,946	24,482	78	59	58 135	4 797,439	37 831,872	7,886	7,422
29	10	98 611	39 004,365	964 847,066	24,737	24,273	79	60	55 277	4 418,070	33 034,433	7,477	7,013
30	11	98 557	37 755,889	925 842,700	24,522	24,058	80	61	52 273	4 046,454	28 616,363	7,072	6,608
31	12	98 497	36 545,325	888 086,811	24,301	23,837	81	62	49 081	3 679,785	24 569,909	6,677	6,213
32	13	98 434	35 372,449	851 541,485	24,074	23,610	82	63	45 747	3 321,814	20 890,124	6,289	5,825
33	14	98 367	34 235,395	816 169,036	23,840	23,376	83	64	42 284	2 973,734	17 568,310	5,908	5,444
34	15	98 288	33 131,464	781 933,641	23,601	23,137	84	65	38 655	2 632,949	14 594,577	5,543	5,079
35	16	98 208	32 062,323	748 802,177	23,355	22,891	85	66	34 910	2 303,033	11 961,627	5,194	4,730
36	17	98 121	31 025,685	716 739,854	23,101	22,638	86	67	31 078	1 985,683	9 658,594	4,864	4,400
37	18	98 022	30 018,661	685 714,169	22,843	22,379	87	68	27 257	1 686,712	7 672,912	4,549	4,085
38	19	97 908	29 040,046	655 695,508	22,579	22,115	88	69	23 498	1 408,311	5 986,200	4,251	3,787
39	20	97 793	28 092,757	626 655,462	22,307	21,843	89	70	19 818	1 150,405	4 577,889	3,979	3,516
40	21	97 664	27 172,617	598 562,705	22,028	21,565	90	71	16 337	918,467	3 427,484	3,732	3,268
41	22	97 526	26 280,272	571 390,087	21,742	21,279	91	72	13 157	716,388	2 509,017	3,502	3,039
42	23	97 369	25 411,858	545 109,815	21,451	20,987	92	73	10 359	546,306	1 792,629	3,281	2,818
43	24	97 215	24 573,133	519 697,957	21,149	20,685	93	74	7 905	403,750	1 246,323	3,087	2,623
44	25	97 044	23 757,888	495 124,824	20,841	20,377	94	75	5 860	289,886	842,573	2,907	2,443
45	26	96 857	22 965,603	471 367,036	20,525	20,061	95	76	4 192	200,859	552,687	2,752	2,288
46	27	96 658	22 196,956	448 401,432	20,201	19,737	96	77	2 907	134,887	351,828	2,608	2,145
47	28	96 438	21 449,418	426 204,476	19,870	19,407	97	78	1 945	87,404	216,940	2,482	2,018
48	29	96 190	20 720,885	404 755,059	19,534	19,070	98	79	1 262	54,932	129,537	2,358	1,895
49	30	95 914	20 011,046	384 034,174	19,191	18,727	99	80	793	33,412	74,605	2,233	1,769
							100	81	474	19,334	41,194	2,131	1,667

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	19 324,240	364 622,265	18,869	18,405
1							51	31	95 298	18 650,554	345 298,025	18,514	18,050
2							52	32	94 927	17 993,065	326 647,470	18,154	17,690
3							53	33	94 516	17 351,231	308 654,405	17,789	17,325
4							54	34	94 056	16 723,350	291 303,174	17,419	16,955
5							55	35	93 549	16 109,676	274 579,824	17,044	16,581
6							56	36	92 974	15 506,620	258 470,148	16,668	16,205
7							57	37	92 341	14 916,278	242 963,528	16,288	15,825
8							58	38	91 642	14 337,383	228 047,251	15,906	15,442
9							59	39	90 884	13 771,195	213 709,868	15,519	15,055
10							60	40	90 035	13 213,216	199 938,673	15,132	14,668
11							61	41	89 118	12 667,010	186 725,457	14,741	14,277
12							62	42	88 110	12 129,437	174 058,446	14,350	13,886
13							63	43	87 004	11 600,198	161 929,009	13,959	13,496
14							64	44	85 800	11 079,579	150 328,811	13,568	13,104
15							65	45	84 507	10 569,160	139 249,232	13,175	12,711
16							66	46	83 120	10 068,482	128 680,072	12,780	12,317
17							67	47	81 627	9 576,382	118 611,590	12,386	11,922
18							68	48	80 047	9 095,419	109 035,209	11,988	11,524
19							69	49	78 356	8 623,023	99 939,790	11,590	11,126
20	0	99 370	52 414,670	1 380 151,387	26,331	25,868	70	50	76 575	8 161,754	91 316,767	11,188	10,725
21	1	99 041	50 597,122	1 327 736,716	26,241	25,778	71	51	74 713	7 712,653	83 155,013	10,782	10,318
22	2	98 979	48 973,761	1 277 139,594	26,078	25,614	72	52	72 699	7 268,474	75 442,361	10,379	9,916
23	3	98 925	47 406,099	1 228 165,833	25,907	25,444	73	53	70 632	6 839,547	68 173,886	9,968	9,504
24	4	98 873	45 890,029	1 180 759,734	25,730	25,267	74	54	68 426	6 417,335	61 334,340	9,558	9,094
25	5	98 819	44 421,100	1 134 869,705	25,548	25,084	75	55	66 109	6 004,935	54 917,004	9,145	8,682
26	6	98 769	43 000,933	1 090 448,604	25,359	24,895	76	56	63 647	5 599,306	48 912,069	8,735	8,272
27	7	98 718	41 626,001	1 047 447,671	25,163	24,700	77	57	61 057	5 202,326	43 312,763	8,326	7,862
28	8	98 669	40 295,688	1 005 821,670	24,961	24,497	78	58	58 378	4 817,545	38 110,437	7,911	7,447
29	9	98 616	39 006,439	965 525,982	24,753	24,289	79	59	55 535	4 438,640	33 292,892	7,501	7,037
30	10	98 562	37 757,989	926 519,543	24,538	24,075	80	60	52 543	4 067,307	28 854,251	7,094	6,631
31	11	98 505	36 548,136	888 761,555	24,318	23,854	81	61	49 357	3 700,456	24 786,945	6,698	6,235
32	12	98 441	35 374,684	852 213,418	24,091	23,627	82	62	46 029	3 342,275	21 086,489	6,309	5,845
33	13	98 374	34 238,102	816 838,734	23,858	23,394	83	63	42 572	2 993,973	17 744,214	5,927	5,463
34	14	98 298	33 134,521	782 600,633	23,619	23,155	84	64	38 944	2 652,602	14 750,240	5,561	5,097
35	15	98 219	32 066,035	749 466,112	23,373	22,909	85	65	35 192	2 321,638	12 097,639	5,211	4,747
36	16	98 134	31 029,652	717 400,077	23,120	22,656	86	66	31 353	2 003,226	9 776,001	4,880	4,417
37	17	98 035	30 022,553	686 370,424	22,862	22,398	87	67	27 514	1 702,645	7 772,774	4,565	4,101
38	18	97 924	29 044,761	656 347,871	22,598	22,134	88	68	23 740	1 422,830	6 070,129	4,266	3,803
39	19	97 809	28 097,376	627 303,111	22,326	21,862	89	69	20 050	1 163,843	4 647,300	3,993	3,529
40	20	97 680	27 177,066	599 205,735	22,048	21,585	90	70	16 545	930,142	3 483,457	3,745	3,281
41	21	97 543	26 284,736	572 028,669	21,763	21,299	91	71	13 341	726,423	2 553,315	3,515	3,051
42	22	97 385	25 416,122	545 743,934	21,472	21,009	92	72	10 516	554,596	1 826,892	3,294	2,830
43	23	97 231	24 577,153	520 327,812	21,171	20,708	93	73	8 039	410,622	1 272,295	3,098	2,635
44	24	97 060	23 761,692	495 750,659	20,863	20,400	94	74	5 969	295,257	861,673	2,918	2,455
45	25	96 876	22 970,069	471 988,967	20,548	20,084	95	75	4 278	204,983	566,416	2,763	2,300
46	26	96 675	22 200,913	449 018,898	20,225	19,762	96	76	2 973	137,943	361,433	2,620	2,157
47	27	96 458	21 453,918	426 817,985	19,895	19,431	97	77	1 992	89,547	223,490	2,496	2,032
48	28	96 213	20 725,817	405 364,067	19,558	19,095	98	78	1 297	56,468	133,943	2,372	1,908
49	29	95 938	20 015,985	384 638,250	19,217	18,753	99	79	818	34,474	77,475	2,247	1,784
							100	80	491	20,040	43,001	2,146	1,682

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	19 329,010	365 168,867	18,892	18,429
1							51	30	95 325	18 655,830	345 839,857	18,538	18,074
2							52	31	94 957	17 998,861	327 184,027	18,178	17,714
3							53	32	94 547	17 357,061	309 185,166	17,813	17,350
4							54	33	94 089	16 729,209	291 828,105	17,444	16,981
5							55	34	93 585	16 115,829	275 098,896	17,070	16,606
6							56	35	93 017	15 513,864	258 983,067	16,694	16,230
7							57	36	92 385	14 923,394	243 469,203	16,315	15,851
8							58	37	91 688	14 344,626	228 545,809	15,933	15,469
9							59	38	90 934	13 778,830	214 201,183	15,546	15,082
10							60	39	90 094	13 221,819	200 422,353	15,158	14,695
11							61	40	89 175	12 675,035	187 200,534	14,769	14,306
12							62	41	88 174	12 138,334	174 525,499	14,378	13,914
13							63	42	87 074	11 609,565	162 387,165	13,987	13,524
14							64	43	85 877	11 089,512	150 777,600	13,596	13,133
15							65	44	84 587	10 579,166	139 688,087	13,204	12,740
16							66	45	83 210	10 079,324	129 108,921	12,809	12,346
17							67	46	81 724	9 587,735	119 029,598	12,415	11,951
18							68	47	80 151	9 107,253	109 441,863	12,017	11,553
19							69	48	78 475	8 636,125	100 334,610	11,618	11,154
20							70	49	76 704	8 175,522	91 698,485	11,216	10,753
21	0	99 329	50 743,867	1 328 538,932	26,181	25,718	71	50	74 851	7 726,900	83 522,963	10,809	10,346
22	1	99 001	48 984,656	1 277 795,065	26,086	25,622	72	51	72 850	7 283,599	75 796,063	10,406	9,943
23	2	98 938	47 412,329	1 228 810,409	25,918	25,454	73	52	70 788	6 854,657	68 512,464	9,995	9,531
24	3	98 883	45 894,605	1 181 398,080	25,742	25,278	74	53	68 596	6 433,280	61 657,807	9,584	9,121
25	4	98 828	44 425,190	1 135 503,475	25,560	25,096	75	54	66 292	6 021,520	55 224,527	9,171	8,708
26	5	98 775	43 003,855	1 091 078,285	25,372	24,908	76	55	63 846	5 616,788	49 203,007	8,760	8,296
27	6	98 725	41 629,041	1 048 074,430	25,177	24,713	77	56	61 264	5 219,978	43 586,219	8,350	7,886
28	7	98 674	40 297,608	1 006 445,389	24,975	24,512	78	57	58 598	4 835,710	38 366,241	7,934	7,470
29	8	98 623	39 009,250	966 147,782	24,767	24,304	79	58	55 767	4 457,243	33 530,531	7,523	7,059
30	9	98 568	37 759,996	927 138,532	24,553	24,090	80	59	52 787	4 086,244	29 073,288	7,115	6,651
31	10	98 510	36 550,168	889 378,536	24,333	23,869	81	60	49 612	3 719,526	24 987,044	6,718	6,254
32	11	98 448	35 377,405	852 828,368	24,107	23,643	82	61	46 287	3 361,050	21 267,519	6,328	5,864
33	12	98 381	34 240,265	817 450,963	23,874	23,410	83	62	42 834	3 012,415	17 906,468	5,944	5,481
34	13	98 305	33 137,140	783 210,698	23,635	23,172	84	63	39 209	2 670,656	14 894,053	5,577	5,113
35	14	98 228	32 068,993	750 073,558	23,389	22,926	85	64	35 455	2 338,967	12 223,397	5,226	4,762
36	15	98 145	31 033,245	718 004,564	23,137	22,673	86	65	31 606	2 019,409	9 884,430	4,895	4,431
37	16	98 047	30 026,392	686 971,319	22,879	22,415	87	66	27 757	1 717,688	7 865,021	4,579	4,115
38	17	97 937	29 048,527	656 944,928	22,615	22,152	88	67	23 964	1 436,270	6 147,333	4,280	3,816
39	18	97 825	28 101,937	627 896,401	22,344	21,880	89	68	20 256	1 175,841	4 711,063	4,007	3,543
40	19	97 696	27 181,534	599 794,464	22,066	21,603	90	69	16 738	941,007	3 535,222	3,757	3,293
41	20	97 559	26 289,039	572 612,930	21,781	21,318	91	70	13 510	735,657	2 594,215	3,526	3,063
42	21	97 401	25 420,438	546 323,892	21,492	21,028	92	71	10 664	562,365	1 858,558	3,305	2,841
43	22	97 247	24 581,277	520 903,453	21,191	20,727	93	72	8 161	416,853	1 296,192	3,109	2,646
44	23	97 076	23 765,579	496 322,176	20,884	20,420	94	73	6 070	300,283	879,339	2,928	2,465
45	24	96 892	22 973,843	472 556,597	20,569	20,106	95	74	4 358	208,781	579,056	2,774	2,310
46	25	96 694	22 205,230	449 582,754	20,247	19,783	96	75	3 034	140,775	370,275	2,630	2,167
47	26	96 475	21 457,742	427 377,524	19,917	19,454	97	76	2 038	91,576	229,500	2,506	2,043
48	27	96 233	20 730,165	405 919,782	19,581	19,117	98	77	1 329	57,853	137,924	2,384	1,920
49	28	95 961	20 020,750	385 189,617	19,240	18,776	99	78	841	35,438	80,071	2,259	1,796
							100	79	506	20,677	44,633	2,159	1,695

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	28	95 679	19 333,611	365 667,565	18,914	18,450
1							51	29	95 349	18 660,435	346 333,954	18,560	18,096
2							52	30	94 984	18 003,952	327 673,520	18,200	17,736
3							53	31	94 578	17 362,652	309 669,568	17,835	17,372
4							54	32	94 121	16 734,830	292 306,916	17,467	17,003
5							55	33	93 618	16 121,475	275 572,085	17,093	16,630
6							56	34	93 053	15 519,789	259 450,610	16,717	16,254
7							57	35	92 428	14 930,365	243 930,821	16,338	15,874
8							58	36	91 732	14 351,469	229 000,455	15,957	15,493
9							59	37	90 980	13 785,791	214 648,986	15,570	15,107
10							60	38	90 144	13 229,149	200 863,195	15,183	14,720
11							61	39	89 233	12 683,288	187 634,046	14,794	14,330
12							62	40	88 230	12 146,024	174 950,758	14,404	13,940
13							63	41	87 138	11 618,081	162 804,734	14,013	13,549
14							64	42	85 946	11 098,467	151 186,653	13,622	13,159
15							65	43	84 663	10 588,650	140 088,186	13,230	12,766
16							66	44	83 289	10 088,866	129 499,536	12,836	12,372
17							67	45	81 812	9 598,059	119 410,670	12,441	11,978
18							68	46	80 246	9 118,050	109 812,611	12,043	11,580
19							69	47	78 577	8 647,361	100 694,560	11,645	11,181
20							70	48	76 821	8 187,944	92 047,199	11,242	10,778
21							71	49	74 978	7 739,935	83 859,256	10,835	10,371
22	0	99 289	49 126,724	1 278 536,554	26,025	25,562	72	50	72 985	7 297,054	76 119,321	10,432	9,968
23	1	98 960	47 422,877	1 229 409,829	25,924	25,461	73	51	70 935	6 868,921	68 822,267	10,019	9,556
24	2	98 896	45 900,636	1 181 986,953	25,751	25,287	74	52	68 747	6 447,493	61 953,346	9,609	9,145
25	3	98 838	44 429,619	1 136 086,316	25,570	25,107	75	53	66 457	6 036,482	55 505,853	9,195	8,731
26	4	98 785	43 007,814	1 091 656,697	25,383	24,919	76	54	64 022	5 632,301	49 469,371	8,783	8,320
27	5	98 732	41 631,869	1 048 648,883	25,189	24,725	77	55	61 455	5 236,275	43 837,070	8,372	7,908
28	6	98 681	40 300,550	1 007 017,014	24,988	24,524	78	56	58 797	4 852,117	38 600,795	7,955	7,492
29	7	98 628	39 011,108	966 716,464	24,781	24,317	79	57	55 978	4 474,049	33 748,678	7,543	7,080
30	8	98 575	37 762,717	927 705,356	24,567	24,103	80	58	53 008	4 103,370	29 274,629	7,134	6,671
31	9	98 515	36 552,111	889 942,639	24,347	23,884	81	59	49 843	3 736,844	25 171,259	6,736	6,272
32	10	98 454	35 379,372	853 390,528	24,121	23,658	82	60	46 526	3 378,370	21 434,415	6,345	5,881
33	11	98 388	34 242,899	818 011,156	23,888	23,425	83	61	43 075	3 029,338	18 056,045	5,960	5,497
34	12	98 312	33 139,234	783 768,257	23,651	23,187	84	62	39 450	2 687,106	15 026,707	5,592	5,129
35	13	98 236	32 071,528	750 629,023	23,405	22,941	85	63	35 696	2 354,886	12 339,601	5,240	4,776
36	14	98 154	31 036,108	718 557,494	23,152	22,689	86	64	31 842	2 034,482	9 984,715	4,908	4,444
37	15	98 059	30 029,868	687 521,386	22,895	22,431	87	65	27 982	1 731,564	7 950,232	4,591	4,128
38	16	97 949	29 052,241	657 491,518	22,631	22,168	88	66	24 176	1 448,960	6 218,668	4,292	3,828
39	17	97 837	28 105,581	628 439,277	22,360	21,896	89	67	20 448	1 186,948	4 769,708	4,018	3,555
40	18	97 712	27 185,946	600 333,696	22,083	21,619	90	68	16 910	950,708	3 582,760	3,769	3,305
41	19	97 575	26 293,360	573 147,750	21,798	21,335	91	69	13 668	744,251	2 632,052	3,537	3,073
42	20	97 417	25 424,600	546 854,389	21,509	21,045	92	70	10 799	569,514	1 887,801	3,315	2,851
43	21	97 264	24 585,451	521 429,789	21,209	20,745	93	71	8 276	422,693	1 318,288	3,119	2,655
44	22	97 092	23 769,567	496 844,338	20,903	20,439	94	72	6 162	304,839	895,595	2,938	2,474
45	23	96 908	22 977,601	473 074,771	20,589	20,125	95	73	4 432	212,335	590,756	2,782	2,319
46	24	96 710	22 208,878	450 097,170	20,267	19,803	96	74	3 090	143,384	378,421	2,639	2,176
47	25	96 494	21 461,915	427 888,291	19,937	19,473	97	75	2 079	93,456	235,037	2,515	2,051
48	26	96 251	20 733,861	406 426,377	19,602	19,138	98	76	1 359	59,163	141,581	2,393	1,929
49	27	95 981	20 024,950	385 692,516	19,261	18,797	99	77	861	36,307	82,418	2,270	1,806
							100	78	521	21,256	46,111	2,169	1,706

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	19 337,667	366 122,227	18,933	18,469
1							51	28	95 371	18 664,877	346 784,560	18,580	18,116
2							52	29	95 008	18 008,396	328 119,683	18,220	17,757
3							53	30	94 605	17 367,563	310 111,287	17,856	17,392
4							54	31	94 151	16 740,221	292 743,724	17,487	17,024
5							55	32	93 649	16 126,892	276 003,503	17,114	16,651
6							56	33	93 085	15 525,227	259 876,611	16,739	16,275
7							57	34	92 463	14 936,068	244 351,384	16,360	15,896
8							58	35	91 775	14 358,174	229 415,316	15,978	15,514
9							59	36	91 023	13 792,368	215 057,143	15,592	15,129
10							60	37	90 189	13 235,833	201 264,775	15,206	14,742
11							61	38	89 282	12 690,319	188 028,942	14,817	14,353
12							62	39	88 288	12 153,932	175 338,623	14,426	13,963
13							63	40	87 193	11 625,441	163 184,691	14,037	13,573
14							64	41	86 009	11 106,607	151 559,250	13,646	13,182
15							65	42	84 732	10 597,201	140 452,642	13,254	12,790
16							66	43	83 363	10 097,911	129 855,442	12,860	12,396
17							67	44	81 890	9 607,146	119 757,531	12,465	12,002
18							68	45	80 333	9 127,869	110 150,385	12,067	11,604
19							69	46	78 671	8 657,613	101 022,516	11,669	11,205
20							70	47	76 921	8 198,597	92 364,903	11,266	10,802
21							71	48	75 092	7 751,695	84 166,306	10,858	10,394
22							72	49	73 108	7 309,363	76 414,611	10,454	9,991
23	0	99 247	47 560,415	1 230 095,414	25,864	25,400	73	50	71 066	6 881,610	69 105,248	10,042	9,578
24	1	98 918	45 910,847	1 182 534,998	25,757	25,294	74	51	68 890	6 460,910	62 223,638	9,631	9,167
25	2	98 851	44 435,458	1 136 624,151	25,579	25,116	75	52	66 603	6 049,818	55 762,729	9,217	8,754
26	3	98 794	43 012,102	1 092 188,693	25,393	24,929	76	53	64 181	5 646,296	49 712,910	8,805	8,341
27	4	98 741	41 635,702	1 049 176,590	25,199	24,735	77	54	61 625	5 250,737	44 066,615	8,392	7,929
28	5	98 688	40 303,289	1 007 540,888	24,999	24,535	78	55	58 981	4 867,266	38 815,878	7,975	7,511
29	6	98 635	39 013,957	967 237,600	24,792	24,328	79	56	56 168	4 489,230	33 948,612	7,562	7,099
30	7	98 579	37 764,516	928 223,643	24,579	24,116	80	57	53 208	4 118,842	29 459,382	7,152	6,689
31	8	98 523	36 554,745	890 459,127	24,360	23,896	81	58	50 051	3 752,505	25 340,540	6,753	6,289
32	9	98 459	35 381,252	853 904,382	24,134	23,671	82	59	46 742	3 394,100	21 588,035	6,360	5,897
33	10	98 394	34 244,803	818 523,130	23,902	23,438	83	60	43 297	3 044,948	18 193,935	5,975	5,511
34	11	98 319	33 141,783	784 278,327	23,664	23,201	84	61	39 672	2 702,201	15 148,987	5,606	5,143
35	12	98 242	32 073,555	751 136,544	23,419	22,956	85	62	35 916	2 369,392	12 446,785	5,253	4,790
36	13	98 162	31 038,561	719 062,989	23,167	22,703	86	63	32 059	2 048,329	10 077,394	4,920	4,456
37	14	98 068	30 032,639	688 024,427	22,909	22,446	87	64	28 191	1 744,489	8 029,064	4,603	4,139
38	15	97 961	29 055,605	657 991,789	22,646	22,182	88	65	24 371	1 460,665	6 284,575	4,303	3,839
39	16	97 850	28 109,174	628 936,184	22,375	21,911	89	66	20 628	1 197,435	4 823,910	4,029	3,565
40	17	97 724	27 189,472	600 827,009	22,098	21,634	90	67	17 070	959,689	3 626,475	3,779	3,315
41	18	97 591	26 297,629	573 637,538	21,813	21,350	91	68	13 809	751,923	2 666,786	3,547	3,083
42	19	97 433	25 428,780	547 339,909	21,524	21,061	92	69	10 925	576,166	1 914,863	3,323	2,860
43	20	97 280	24 589,476	521 911,129	21,225	20,761	93	70	8 381	428,066	1 338,697	3,127	2,664
44	21	97 109	23 773,603	497 321,653	20,919	20,455	94	71	6 249	309,109	910,631	2,946	2,482
45	22	96 924	22 981,457	473 548,049	20,606	20,142	95	72	4 499	215,557	601,522	2,791	2,327
46	23	96 725	22 212,512	450 566,592	20,284	19,821	96	73	3 142	145,824	385,965	2,647	2,183
47	24	96 510	21 465,441	428 354,081	19,956	19,492	97	74	2 118	95,188	240,141	2,523	2,059
48	25	96 269	20 737,893	406 888,640	19,621	19,157	98	75	1 387	60,378	144,953	2,401	1,937
49	26	95 998	20 028,520	386 150,747	19,280	18,816	99	76	881	37,129	84,575	2,278	1,814
							100	77	533	21,777	47,446	2,179	1,715

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	19 341,114	366 536,309	18,951	18,488
1							51	27	95 391	18 668,792	347 195,194	18,598	18,134
2							52	28	95 030	18 012,683	328 526,402	18,239	17,775
3							53	29	94 628	17 371,850	310 513,719	17,875	17,411
4							54	30	94 178	16 744,956	293 141,869	17,506	17,043
5							55	31	93 679	16 132,087	276 396,913	17,133	16,670
6							56	32	93 117	15 530,443	260 264,826	16,758	16,295
7							57	33	92 496	14 941,301	244 734,382	16,380	15,916
8							58	34	91 810	14 363,658	229 793,082	15,998	15,535
9							59	35	91 066	13 798,811	215 429,424	15,612	15,149
10							60	36	90 232	13 242,147	201 630,613	15,226	14,763
11							61	37	89 328	12 696,730	188 388,466	14,838	14,374
12							62	38	88 337	12 160,670	175 691,735	14,448	13,984
13							63	39	87 250	11 633,010	163 531,065	14,058	13,594
14							64	40	86 064	11 113,644	151 898,055	13,668	13,204
15							65	41	84 794	10 604,973	140 784,411	13,275	12,812
16							66	42	83 431	10 106,065	130 179,438	12,881	12,418
17							67	43	81 963	9 615,759	120 073,373	12,487	12,024
18							68	44	80 409	9 136,510	110 457,614	12,090	11,626
19							69	45	78 755	8 666,936	101 321,103	11,691	11,227
20							70	46	77 012	8 208,317	92 654,167	11,288	10,824
21							71	47	75 189	7 761,780	84 445,850	10,880	10,416
22							72	48	73 219	7 320,469	76 684,070	10,475	10,012
23							73	49	71 186	6 893,218	69 363,601	10,063	9,599
24	0	99 205	46 044,001	1 183 169,125	25,696	25,233	74	50	69 018	6 472,845	62 470,383	9,651	9,188
25	1	98 873	44 445,344	1 137 125,125	25,585	25,121	75	51	66 742	6 062,407	55 997,538	9,237	8,773
26	2	98 807	43 017,755	1 092 679,781	25,401	24,937	76	52	64 323	5 658,770	49 935,131	8,824	8,361
27	3	98 751	41 639,853	1 049 662,026	25,208	24,744	77	53	61 778	5 263,784	44 276,361	8,412	7,948
28	4	98 697	40 306,999	1 008 022,173	25,009	24,545	78	54	59 144	4 880,709	39 012,577	7,993	7,530
29	5	98 642	39 016,608	967 715,174	24,803	24,339	79	55	56 343	4 503,245	34 131,868	7,579	7,116
30	6	98 586	37 767,273	928 698,566	24,590	24,126	80	56	53 389	4 132,817	29 628,623	7,169	6,705
31	7	98 527	36 556,486	890 931,293	24,371	23,908	81	57	50 240	3 766,654	25 495,806	6,769	6,305
32	8	98 466	35 383,802	854 374,806	24,146	23,682	82	58	46 938	3 408,325	21 729,152	6,375	5,912
33	9	98 399	34 246,623	818 991,004	23,915	23,451	83	59	43 498	3 059,126	18 320,827	5,989	5,525
34	10	98 325	33 143,626	784 744,381	23,677	23,213	84	60	39 876	2 716,126	15 261,701	5,619	5,155
35	11	98 250	32 076,022	751 600,755	23,432	22,968	85	61	36 118	2 382,702	12 545,575	5,265	4,802
36	12	98 168	31 040,523	719 524,733	23,180	22,717	86	62	32 256	2 060,946	10 162,873	4,931	4,468
37	13	98 075	30 035,013	688 484,210	22,923	22,459	87	63	28 382	1 756,362	8 101,927	4,613	4,149
38	14	97 970	29 058,285	658 449,198	22,660	22,196	88	64	24 553	1 471,568	6 345,564	4,312	3,848
39	15	97 861	28 112,429	629 390,912	22,388	21,925	89	65	20 795	1 207,109	4 873,997	4,038	3,574
40	16	97 737	27 192,948	601 278,483	22,112	21,648	90	66	17 221	968,168	3 666,888	3,787	3,324
41	17	97 603	26 301,039	574 085,535	21,827	21,364	91	67	13 940	759,026	2 698,721	3,556	3,092
42	18	97 449	25 432,908	547 784,496	21,538	21,075	92	68	11 038	582,106	1 939,694	3,332	2,869
43	19	97 296	24 593,519	522 351,588	21,239	20,776	93	69	8 479	433,066	1 357,588	3,135	2,671
44	20	97 124	23 777,495	497 758,070	20,934	20,470	94	70	6 328	313,039	924,522	2,953	2,490
45	21	96 940	22 985,360	473 980,574	20,621	20,157	95	71	4 562	218,577	611,484	2,798	2,334
46	22	96 742	22 216,239	450 995,214	20,300	19,837	96	72	3 190	148,037	392,907	2,654	2,190
47	23	96 526	21 468,952	428 778,975	19,972	19,508	97	73	2 154	96,808	244,870	2,529	2,066
48	24	96 285	20 741,300	407 310,023	19,638	19,174	98	74	1 413	61,497	148,062	2,408	1,944
49	25	96 017	20 032,415	386 568,723	19,297	18,834	99	75	899	37,892	86,566	2,285	1,821
							100	76	545	22,270	48,674	2,186	1,722

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	19 344,875	366 913,878	18,967	18,503
1							51	26	95 408	18 672,121	347 569,003	18,614	18,151
2							52	27	95 050	18 016,462	328 896,882	18,255	17,792
3							53	28	94 650	17 375,985	310 880,420	17,891	17,428
4							54	29	94 201	16 749,089	293 504,435	17,524	17,060
5							55	30	93 706	16 136,650	276 755,346	17,151	16,687
6							56	31	93 147	15 535,446	260 618,696	16,776	16,312
7							57	32	92 527	14 946,321	245 083,250	16,398	15,934
8							58	33	91 842	14 368,690	230 136,928	16,017	15,553
9							59	34	91 101	13 804,081	215 768,239	15,631	15,167
10							60	35	90 274	13 248,333	201 964,157	15,244	14,781
11							61	36	89 370	12 702,788	188 715,824	14,856	14,393
12							62	37	88 381	12 166,814	176 013,036	14,467	14,003
13							63	38	87 298	11 639,459	163 846,222	14,077	13,613
14							64	39	86 120	11 120,880	152 206,763	13,687	13,223
15							65	40	84 847	10 611,692	141 085,883	13,295	12,832
16							66	41	83 492	10 113,477	130 474,191	12,901	12,437
17							67	42	82 029	9 623,524	120 360,714	12,507	12,043
18							68	43	80 481	9 144,701	110 737,190	12,109	11,646
19							69	44	78 830	8 675,141	101 592,489	11,711	11,247
20							70	45	77 095	8 217,156	92 917,347	11,308	10,844
21							71	46	75 278	7 770,983	84 700,191	10,900	10,436
22							72	47	73 314	7 329,994	76 929,209	10,495	10,032
23							73	48	71 294	6 903,692	69 599,215	10,081	9,618
24							74	49	69 134	6 483,764	62 695,523	9,670	9,206
25	0	99 160	44 574,247	1 137 711,894	25,524	25,060	75	50	66 865	6 073,606	56 211,759	9,255	8,791
26	1	98 829	43 027,325	1 093 137,647	25,406	24,942	76	51	64 457	5 670,545	50 138,153	8,842	8,378
27	2	98 764	41 645,326	1 050 110,322	25,216	24,752	77	52	61 914	5 275,413	44 467,609	8,429	7,966
28	3	98 706	40 311,018	1 008 464,997	25,017	24,553	78	53	59 291	4 892,836	39 192,196	8,010	7,546
29	4	98 651	39 020,199	968 153,979	24,812	24,348	79	54	56 499	4 515,683	34 299,359	7,596	7,132
30	5	98 593	37 769,840	929 133,779	24,600	24,136	80	55	53 556	4 145,720	29 783,676	7,184	6,721
31	6	98 534	36 559,156	891 363,940	24,381	23,918	81	56	50 411	3 779,434	25 637,956	6,784	6,320
32	7	98 471	35 385,488	854 804,784	24,157	23,693	82	57	47 115	3 421,176	21 858,522	6,389	5,926
33	8	98 406	34 249,091	819 419,296	23,925	23,462	83	58	43 681	3 071,947	18 437,346	6,002	5,538
34	9	98 330	33 145,387	785 170,205	23,689	23,225	84	59	40 062	2 728,773	15 365,399	5,631	5,167
35	10	98 255	32 077,805	752 024,818	23,444	22,980	85	60	36 304	2 394,980	12 636,627	5,276	4,813
36	11	98 176	31 042,910	719 947,012	23,192	22,728	86	61	32 437	2 072,524	10 241,646	4,942	4,478
37	12	98 082	30 036,911	688 904,102	22,935	22,472	87	62	28 557	1 767,181	8 169,122	4,623	4,159
38	13	97 978	29 060,582	658 867,191	22,672	22,209	88	63	24 720	1 481,584	6 401,942	4,321	3,857
39	14	97 870	28 115,023	629 806,609	22,401	21,937	89	64	20 950	1 216,118	4 920,358	4,046	3,582
40	15	97 748	27 196,096	601 691,586	22,124	21,661	90	65	17 360	975,989	3 704,239	3,795	3,332
41	16	97 616	26 304,402	574 495,489	21,840	21,377	91	66	14 063	765,732	2 728,251	3,563	3,099
42	17	97 462	25 436,206	548 191,088	21,552	21,088	92	67	11 142	587,605	1 962,518	3,340	2,876
43	18	97 311	24 597,511	522 754,882	21,252	20,789	93	68	8 566	437,530	1 374,914	3,142	2,679
44	19	97 140	23 781,404	498 157,371	20,947	20,484	94	69	6 402	316,695	937,383	2,960	2,496
45	20	96 956	22 989,123	474 375,966	20,635	20,171	95	70	4 620	221,355	620,688	2,804	2,340
46	21	96 758	22 220,012	451 386,844	20,314	19,851	96	71	3 235	150,111	399,333	2,660	2,197
47	22	96 542	21 472,555	429 166,832	19,987	19,523	97	72	2 187	98,277	249,222	2,536	2,072
48	23	96 301	20 744,693	407 694,277	19,653	19,189	98	73	1 437	62,543	150,945	2,413	1,950
49	24	96 032	20 035,706	386 949,584	19,313	18,849	99	74	915	38,594	88,402	2,291	1,827
							100	75	557	22,728	49,808	2,192	1,728

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 682 527,117	26,825	26,361	50	50	94 198	16 866,558	286 871,732	17,008	16,544
1	1	99 373	96 012,748	2 582 527,117	26,898	26,434	51	51	93 723	16 213,874	270 005,175	16,653	16,189
2	2	99 327	92 722,894	2 486 514,368	26,817	26,353	52	52	93 193	15 577,115	253 791,301	16,293	15,829
3	3	99 301	89 563,649	2 393 791,475	26,727	26,263	53	53	92 616	14 957,167	238 214,187	15,926	15,462
4	4	99 279	86 516,043	2 304 227,825	26,634	26,170	54	54	91 970	14 350,479	223 257,020	15,557	15,093
5	5	99 259	83 573,148	2 217 711,783	26,536	26,072	55	55	91 257	13 757,758	208 906,540	15,185	14,721
6	6	99 243	80 734,179	2 134 138,635	26,434	25,970	56	56	90 456	13 175,793	195 148,782	14,811	14,347
7	7	99 227	77 991,319	2 053 404,456	26,329	25,865	57	57	89 579	12 606,828	181 972,989	14,434	13,970
8	8	99 212	75 343,019	1 975 413,138	26,219	25,755	58	58	88 612	12 048,969	169 366,161	14,056	13,592
9	9	99 198	72 784,398	1 900 070,118	26,105	25,641	59	59	87 560	11 503,387	157 317,192	13,676	13,212
10	10	99 184	70 313,708	1 827 285,721	25,988	25,524	60	60	86 397	10 966,742	145 813,805	13,296	12,832
11	11	99 172	67 927,114	1 756 972,013	25,866	25,402	61	61	85 133	10 440,846	134 847,064	12,915	12,451
12	12	99 157	65 620,479	1 689 044,899	25,740	25,276	62	62	83 760	9 925,160	124 406,218	12,534	12,070
13	13	99 142	63 391,810	1 623 424,420	25,609	25,145	63	63	82 269	9 418,801	114 481,058	12,155	11,691
14	14	99 125	61 237,593	1 560 032,610	25,475	25,011	64	64	80 655	8 921,677	105 062,257	11,776	11,312
15	15	99 104	59 153,990	1 498 795,017	25,337	24,873	65	65	78 926	8 435,188	96 140,580	11,398	10,934
16	16	99 077	57 138,115	1 439 641,027	25,196	24,732	66	66	77 091	7 960,514	87 705,392	11,018	10,554
17	17	99 041	55 186,228	1 382 502,912	25,052	24,588	67	67	75 132	7 495,881	79 744,878	10,638	10,174
18	18	99 002	53 298,899	1 327 316,684	24,903	24,439	68	68	73 083	7 044,904	72 248,997	10,255	9,791
19	19	98 948	51 468,287	1 274 017,785	24,753	24,289	69	69	70 917	6 604,907	65 204,093	9,872	9,408
20	20	98 892	49 699,577	1 222 549,499	24,599	24,135	70	70	68 620	6 174,882	58 599,186	9,490	9,026
21	21	98 835	47 991,244	1 172 849,922	24,439	23,975	71	71	66 234	5 758,569	52 424,304	9,104	8,640
22	22	98 778	46 341,727	1 124 858,678	24,273	23,809	72	72	63 690	5 350,140	46 665,735	8,722	8,258
23	23	98 720	44 748,336	1 078 516,951	24,102	23,638	73	73	61 089	4 958,114	41 315,595	8,333	7,869
24	24	98 662	43 209,871	1 033 768,615	23,924	23,460	74	74	58 335	4 574,478	36 357,481	7,948	7,484
25	25	98 601	41 722,690	990 558,743	23,741	23,277	75	75	55 488	4 204,063	31 783,004	7,560	7,096
26	26	98 538	40 286,139	948 836,054	23,552	23,088	76	76	52 510	3 843,895	27 578,941	7,175	6,711
27	27	98 477	38 899,719	908 549,915	23,356	22,892	77	77	49 424	3 495,653	23 735,046	6,790	6,326
28	28	98 412	37 559,486	869 650,197	23,154	22,690	78	78	46 298	3 163,865	20 239,393	6,397	5,933
29	29	98 343	36 263,941	832 090,710	22,945	22,481	79	79	43 025	2 840,720	17 075,528	6,011	5,547
30	30	98 271	35 011,697	795 826,769	22,730	22,266	80	80	39 636	2 528,495	14 234,808	5,630	5,166
31	31	98 191	33 800,302	760 815,071	22,509	22,045	81	81	36 105	2 225,369	11 706,313	5,260	4,796
32	32	98 103	32 628,053	727 014,770	22,282	21,818	82	82	32 491	1 934,883	9 480,944	4,900	4,436
33	33	98 010	31 494,848	694 386,717	22,048	21,584	83	83	28 815	1 657,941	7 546,060	4,551	4,087
34	34	97 907	30 397,820	662 891,869	21,807	21,343	84	84	25 074	1 393,897	5 888,120	4,224	3,760
35	35	97 801	29 338,030	632 494,049	21,559	21,095	85	85	21 372	1 147,906	4 494,223	3,915	3,451
36	36	97 682	28 311,296	603 156,019	21,304	20,840	86	86	17 779	922,658	3 346,317	3,627	3,163
37	37	97 549	27 316,720	574 844,724	21,044	20,580	87	87	14 398	721,927	2 423,659	3,357	2,893
38	38	97 402	26 353,324	547 528,004	20,776	20,312	88	88	11 298	547,311	1 701,731	3,109	2,645
39	39	97 249	25 422,184	521 174,680	20,501	20,037	89	89	8 548	400,087	1 154,420	2,885	2,421
40	40	97 074	24 518,173	495 752,496	20,220	19,756	90	90	6 217	281,137	754,333	2,683	2,219
41	41	96 892	23 644,759	471 234,323	19,930	19,466	91	91	4 330	189,183	473,196	2,501	2,037
42	42	96 681	22 795,315	447 589,563	19,635	19,171	92	92	2 887	121,861	284,013	2,331	1,867
43	43	96 466	21 975,558	424 794,248	19,330	18,866	93	93	1 819	74,200	162,152	2,185	1,721
44	44	96 226	21 179,577	402 818,690	19,019	18,555	94	94	1 086	42,792	87,952	2,055	1,591
45	45	95 968	20 408,558	381 639,113	18,700	18,236	95	95	611	23,260	45,159	1,942	1,477
46	46	95 685	19 660,185	361 230,555	18,374	17,910	96	96	323	11,884	21,899	1,843	1,379
47	47	95 375	18 933,718	341 570,370	18,040	17,576	97	97	160	5,672	10,016	1,766	1,302
48	48	95 029	18 227,080	322 636,653	17,701	17,237	98	98	75	2,578	4,344	1,685	1,221
49	49	94 635	17 537,840	304 409,573	17,357	16,893	99	99	33	1,099	1,766	1,606	1,142
							100	100	13	0,432	0,666	1,543	1,079

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	2 678 839,081	26,866	26,402	50	51	94 025	16 835,458	284 034,577	16,871	16,407
1	2	99 351	95 991,394	2 579 128,268	26,868	26,404	51	52	93 528	16 180,205	267 199,120	16,514	16,050
2	3	99 314	92 710,710	2 483 136,874	26,784	26,320	52	53	92 988	15 542,776	251 018,914	16,150	15,686
3	4	99 291	89 554,720	2 390 426,165	26,692	26,228	53	54	92 387	14 920,094	235 476,138	15,782	15,318
4	5	99 270	86 508,079	2 300 871,445	26,597	26,133	54	55	91 717	14 310,954	220 556,044	15,412	14,948
5	6	99 252	83 567,470	2 214 363,366	26,498	26,034	55	56	90 973	13 714,939	206 245,090	15,038	14,574
6	7	99 236	80 728,284	2 130 795,896	26,395	25,931	56	57	90 150	13 131,238	192 530,151	14,662	14,198
7	8	99 222	77 987,604	2 050 067,613	26,287	25,823	57	58	89 242	12 559,473	179 398,913	14,284	13,820
8	9	99 205	75 337,589	1 972 080,009	26,177	25,713	58	59	88 242	11 998,682	166 839,440	13,905	13,441
9	10	99 192	72 780,529	1 896 742,419	26,061	25,597	59	60	87 154	11 450,075	154 840,758	13,523	13,059
10	11	99 179	70 309,799	1 823 961,890	25,942	25,478	60	61	85 954	10 910,517	143 390,683	13,142	12,678
11	12	99 164	67 921,890	1 753 652,091	25,819	25,355	61	62	84 657	10 382,521	132 480,166	12,760	12,296
12	13	99 151	65 616,332	1 685 730,201	25,691	25,227	62	63	83 248	9 864,399	122 097,645	12,378	11,914
13	14	99 134	63 386,799	1 620 113,869	25,559	25,095	63	64	81 713	9 355,128	112 233,246	11,997	11,533
14	15	99 116	61 231,944	1 556 727,070	25,423	24,959	64	65	80 057	8 855,578	102 878,118	11,617	11,153
15	16	99 092	59 147,141	1 495 495,126	25,284	24,820	65	66	78 293	8 367,591	94 022,540	11,237	10,772
16	17	99 064	57 130,810	1 436 347,985	25,141	24,677	66	67	76 416	7 890,798	85 654,948	10,855	10,391
17	18	99 029	55 179,073	1 379 217,174	24,995	24,531	67	68	74 429	7 425,735	77 764,151	10,472	10,008
18	19	98 986	53 290,247	1 324 038,101	24,846	24,382	68	69	72 338	6 973,018	70 338,416	10,087	9,623
19	20	98 932	51 459,827	1 270 747,854	24,694	24,230	69	70	70 098	6 528,645	63 365,398	9,706	9,242
20	21	98 875	49 691,442	1 219 288,027	24,537	24,073	70	71	67 759	6 097,377	56 836,753	9,322	8,857
21	22	98 818	47 983,095	1 169 596,585	24,375	23,911	71	72	65 319	5 679,017	50 739,377	8,935	8,471
22	23	98 761	46 333,952	1 121 613,490	24,207	23,743	72	73	62 738	5 270,167	45 060,360	8,550	8,086
23	24	98 704	44 741,017	1 075 279,538	24,033	23,569	73	74	60 066	4 875,135	39 790,193	8,162	7,698
24	25	98 646	43 202,773	1 030 538,521	23,854	23,390	74	75	57 274	4 491,258	34 915,058	7,774	7,310
25	26	98 582	41 714,578	987 335,747	23,669	23,205	75	76	54 371	4 119,477	30 423,800	7,385	6,921
26	27	98 521	40 278,958	945 621,169	23,477	23,013	76	77	51 346	3 758,757	26 304,323	6,998	6,534
27	28	98 457	38 891,559	905 342,211	23,279	22,815	77	78	48 241	3 411,973	22 545,566	6,608	6,144
28	29	98 389	37 550,547	866 450,652	23,074	22,610	78	79	45 039	3 077,784	19 133,593	6,217	5,753
29	30	98 319	36 254,993	828 900,104	22,863	22,399	79	80	41 699	2 753,202	16 055,809	5,832	5,368
30	31	98 243	35 001,797	792 645,111	22,646	22,182	80	81	38 238	2 439,336	13 302,607	5,453	4,989
31	32	98 159	33 789,418	757 643,315	22,423	21,958	81	82	34 646	2 135,430	10 863,270	5,087	4,623
32	33	98 070	32 617,093	723 853,897	22,192	21,728	82	83	30 964	1 843,940	8 727,840	4,733	4,269
33	34	97 976	31 483,817	691 236,804	21,955	21,491	83	84	27 224	1 566,429	6 883,901	4,395	3,931
34	35	97 870	30 386,215	659 752,987	21,712	21,248	84	85	23 474	1 304,983	5 317,471	4,075	3,611
35	36	97 755	29 324,330	629 366,772	21,462	20,998	85	86	19 797	1 063,313	4 012,489	3,774	3,310
36	37	97 635	28 297,795	600 042,442	21,205	20,741	86	87	16 263	843,975	2 949,176	3,494	3,030
37	38	97 499	27 302,927	571 744,646	20,941	20,477	87	88	12 971	650,388	2 105,201	3,237	2,773
38	39	97 348	26 338,722	544 441,720	20,671	20,207	88	89	10 018	485,299	1 454,813	2,998	2,534
39	40	97 186	25 405,643	518 102,998	20,393	19,929	89	90	7 447	348,553	969,514	2,782	2,318
40	41	97 012	24 502,650	492 697,355	20,108	19,644	90	91	5 302	239,777	620,961	2,590	2,126
41	42	96 821	23 627,429	468 194,705	19,816	19,352	91	92	3 611	157,793	381,184	2,416	1,952
42	43	96 603	22 776,923	444 567,276	19,518	19,054	92	93	2 344	98,958	223,392	2,257	1,793
43	44	96 380	21 955,875	421 790,353	19,211	18,747	93	94	1 438	58,658	124,434	2,121	1,657
44	45	96 135	21 159,544	399 834,478	18,896	18,432	94	95	837	32,973	65,775	1,995	1,531
45	46	95 865	20 386,605	378 674,934	18,575	18,111	95	96	456	17,346	32,802	1,891	1,427
46	47	95 572	19 636,903	358 288,329	18,246	17,782	96	97	233	8,564	15,456	1,805	1,341
47	48	95 251	18 909,116	338 651,426	17,909	17,445	97	98	113	4,000	6,892	1,723	1,259
48	49	94 884	18 199,427	319 742,310	17,569	17,105	98	99	51	1,756	2,891	1,647	1,183
49	50	94 476	17 508,305	301 542,883	17,223	16,759	99	100	22	0,722	1,136	1,573	1,109

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	2 675 168,123	26,835	26,371	50	52	93 830	16 800,499	280 977,900	16,724	16,260
1	3	99 338	95 978,780	2 575 479,487	26,834	26,370	51	53	93 322	16 144,537	264 177,401	16,363	15,899
2	4	99 304	92 701,466	2 479 500,707	26,747	26,283	52	54	92 757	15 504,252	248 032,864	15,998	15,534
3	5	99 282	89 546,476	2 386 799,241	26,654	26,190	53	55	92 132	14 879,000	232 528,611	15,628	15,164
4	6	99 263	86 502,201	2 297 252,765	26,557	26,093	54	56	91 431	14 266,413	217 649,611	15,256	14,792
5	7	99 245	83 561,368	2 210 750,564	26,457	25,993	55	57	90 665	13 668,561	203 383,198	14,880	14,416
6	8	99 231	80 724,439	2 127 189,196	26,351	25,887	56	58	89 811	13 081,913	189 714,638	14,502	14,038
7	9	99 215	77 981,983	2 046 464,757	26,243	25,779	57	59	88 870	12 507,055	176 632,725	14,123	13,659
8	10	99 200	75 333,585	1 968 482,774	26,130	25,666	58	60	87 833	11 943,075	164 125,669	13,742	13,278
9	11	99 187	72 776,483	1 893 149,189	26,013	25,549	59	61	86 708	11 391,372	152 182,595	13,359	12,895
10	12	99 171	70 304,392	1 820 372,705	25,893	25,429	60	62	85 474	10 849,569	140 791,223	12,977	12,513
11	13	99 158	67 917,598	1 750 068,314	25,768	25,303	61	63	84 139	10 318,960	129 941,653	12,593	12,128
12	14	99 143	65 611,146	1 682 150,716	25,638	25,174	62	64	82 685	9 797,713	119 622,693	12,209	11,745
13	15	99 125	63 380,952	1 616 539,571	25,505	25,041	63	65	81 108	9 285,818	109 824,980	11,827	11,363
14	16	99 104	61 224,855	1 553 158,619	25,368	24,904	64	66	79 415	8 784,612	100 539,162	11,445	10,981
15	17	99 079	59 139,580	1 491 933,764	25,227	24,763	65	67	77 607	8 294,310	91 754,549	11,062	10,598
16	18	99 051	57 123,403	1 432 794,184	25,082	24,618	66	68	75 701	7 816,956	83 460,239	10,677	10,213
17	19	99 012	55 170,116	1 375 670,780	24,935	24,471	67	69	73 670	7 349,963	75 643,283	10,292	9,828
18	20	98 970	53 281,488	1 320 500,664	24,783	24,319	68	70	71 502	6 892,506	68 293,321	9,908	9,444
19	21	98 915	51 451,404	1 267 219,176	24,629	24,165	69	71	69 218	6 446,699	61 400,815	9,524	9,060
20	22	98 859	49 683,004	1 215 767,772	24,470	24,006	70	72	66 823	6 013,144	54 954,116	9,139	8,675
21	23	98 801	47 975,044	1 166 084,768	24,306	23,842	71	73	64 342	5 594,128	48 940,972	8,749	8,285
22	24	98 745	46 326,374	1 118 109,723	24,135	23,671	72	74	61 688	5 181,965	43 346,844	8,365	7,901
23	25	98 688	44 733,667	1 071 783,349	23,959	23,495	73	75	58 974	4 786,446	38 164,879	7,974	7,510
24	26	98 627	43 194,374	1 027 049,682	23,777	23,313	74	76	56 121	4 400,894	33 378,433	7,584	7,120
25	27	98 564	41 707,143	983 855,308	23,590	23,126	75	77	53 167	4 028,235	28 977,539	7,194	6,730
26	28	98 500	40 270,510	942 148,165	23,395	22,931	76	78	50 117	3 668,778	24 949,304	6,800	6,336
27	29	98 433	38 882,304	901 877,655	23,195	22,731	77	79	46 928	3 319,142	21 280,526	6,411	5,947
28	30	98 365	37 541,281	862 995,351	22,988	22,524	78	80	43 651	2 982,963	17 961,384	6,021	5,557
29	31	98 291	36 244,740	825 454,070	22,774	22,310	79	81	40 229	2 656,120	14 978,421	5,639	5,175
30	32	98 211	34 990,526	789 209,329	22,555	22,091	80	82	36 693	2 340,750	12 322,302	5,264	4,800
31	33	98 126	33 778,068	754 218,804	22,329	21,865	81	83	33 018	2 035,060	9 981,552	4,905	4,441
32	34	98 036	32 605,670	720 440,736	22,096	21,632	82	84	29 255	1 742,162	7 946,492	4,561	4,097
33	35	97 938	31 471,797	687 835,066	21,856	21,392	83	85	25 488	1 466,510	6 204,330	4,231	3,767
34	36	97 824	30 372,026	656 363,269	21,611	21,147	84	86	21 744	1 208,814	4 737,820	3,919	3,455
35	37	97 709	29 310,347	625 991,243	21,357	20,893	85	87	18 108	972,635	3 529,006	3,628	3,164
36	38	97 586	28 283,507	596 680,896	21,096	20,632	86	88	14 651	760,341	2 556,371	3,362	2,898
37	39	97 445	27 287,798	568 397,390	20,830	20,366	87	89	11 502	576,697	1 796,030	3,114	2,650
38	40	97 285	26 321,584	541 109,592	20,558	20,094	88	90	8 727	422,789	1 219,333	2,884	2,420
39	41	97 124	25 389,558	514 788,007	20,276	19,812	89	91	6 351	297,275	796,544	2,679	2,215
40	42	96 941	24 484,691	489 398,449	19,988	19,524	90	92	4 422	199,991	499,269	2,496	2,032
41	43	96 743	23 608,365	464 913,758	19,693	19,229	91	93	2 933	128,136	299,278	2,336	1,872
42	44	96 516	22 756,522	441 305,393	19,392	18,928	92	94	1 853	78,230	171,142	2,188	1,724
43	45	96 289	21 935,108	418 548,871	19,081	18,617	93	95	1 108	45,199	92,912	2,056	1,592
44	46	96 032	21 136,784	396 613,763	18,764	18,300	94	96	624	24,590	47,713	1,940	1,476
45	47	95 752	20 362,463	375 476,980	18,440	17,976	95	97	328	12,501	23,123	1,850	1,386
46	48	95 447	19 611,388	355 114,516	18,108	17,644	96	98	164	6,040	10,622	1,759	1,295
47	49	95 106	18 880,429	335 503,128	17,770	17,306	97	99	77	2,724	4,582	1,682	1,218
48	50	94 725	18 168,778	316 622,700	17,427	16,963	98	100	34	1,153	1,858	1,611	1,147
49	51	94 302	17 476,022	298 453,922	17,078	16,614							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	2 671 233,773	26,799	26,335	50	53	93 623	16 763,463	277 693,333	16,565	16,101
1	4	99 328	95 969,211	2 571 558,236	26,796	26,332	51	54	93 091	16 104,522	260 929,870	16,202	15,738
2	5	99 295	92 692,933	2 475 589,025	26,707	26,243	52	55	92 502	15 461,549	244 825,348	15,834	15,370
3	6	99 275	89 540,392	2 382 896,092	26,613	26,149	53	56	91 846	14 832,691	229 363,799	15,463	14,999
4	7	99 256	86 495,885	2 293 355,700	26,514	26,050	54	57	91 122	14 218,170	214 531,108	15,089	14,624
5	8	99 240	83 557,388	2 206 859,815	26,411	25,947	55	58	90 325	13 617,218	200 312,938	14,710	14,246
6	9	99 224	80 718,621	2 123 302,427	26,305	25,841	56	59	89 436	13 027,314	186 695,720	14,331	13,867
7	10	99 210	77 977,839	2 042 583,806	26,194	25,730	57	60	88 458	12 449,092	173 668,406	13,950	13,486
8	11	99 194	75 329,397	1 964 605,967	26,080	25,616	58	61	87 382	11 881,845	161 219,314	13,569	13,105
9	12	99 179	72 770,886	1 889 276,570	25,962	25,498	59	62	86 223	11 327,738	149 337,469	13,183	12,719
10	13	99 165	70 299,948	1 816 505,684	25,839	25,375	60	63	84 951	10 783,149	138 009,731	12,799	12,335
11	14	99 150	67 912,229	1 746 205,735	25,713	25,249	61	64	83 570	10 249,202	127 226,582	12,413	11,949
12	15	99 134	65 605,093	1 678 293,506	25,582	25,118	62	65	82 072	9 725,124	116 977,380	12,028	11,564
13	16	99 114	63 373,614	1 612 688,413	25,447	24,983	63	66	80 458	9 211,404	107 252,256	11,643	11,179
14	17	99 092	61 217,028	1 549 314,799	25,309	24,845	64	67	78 720	8 707,679	98 040,852	11,259	10,795
15	18	99 067	59 131,913	1 488 097,771	25,166	24,702	65	68	76 881	8 216,692	89 333,173	10,872	10,408
16	19	99 035	57 114,131	1 428 965,858	25,019	24,555	66	69	74 928	7 737,192	81 116,481	10,484	10,020
17	20	98 996	55 161,048	1 371 851,727	24,870	24,406	67	70	72 819	7 265,098	73 379,288	10,100	9,636
18	21	98 954	53 272,767	1 316 690,679	24,716	24,252	68	71	70 605	6 805,992	66 114,191	9,714	9,250
19	22	98 899	51 442,668	1 263 417,912	24,560	24,096	69	72	68 262	6 357,641	59 308,198	9,329	8,865
20	23	98 842	49 674,669	1 211 975,244	24,398	23,934	70	73	65 824	5 923,261	52 950,557	8,939	8,475
21	24	98 785	47 967,198	1 162 300,576	24,231	23,767	71	74	63 266	5 500,504	47 027,297	8,550	8,086
22	25	98 729	46 318,764	1 114 333,378	24,058	23,594	72	75	60 566	5 087,694	41 526,793	8,162	7,698
23	26	98 668	44 724,971	1 068 014,614	23,880	23,416	73	76	57 787	4 690,143	36 439,099	7,769	7,305
24	27	98 609	43 186,675	1 023 289,644	23,695	23,231	74	77	54 878	4 303,420	31 748,956	7,378	6,914
25	28	98 544	41 698,395	980 102,968	23,505	23,041	75	78	51 894	3 931,806	27 445,536	6,980	6,516
26	29	98 477	40 260,926	938 404,573	23,308	22,844	76	79	48 754	3 568,960	23 513,731	6,588	6,124
27	30	98 409	38 872,709	898 143,648	23,105	22,641	77	80	45 482	3 216,884	19 944,771	6,200	5,736
28	31	98 337	37 530,665	859 270,939	22,895	22,431	78	81	42 112	2 877,779	16 727,886	5,813	5,349
29	32	98 260	36 233,069	821 740,274	22,679	22,215	79	82	38 603	2 548,772	13 850,108	5,434	4,970
30	33	98 178	34 978,772	785 507,204	22,457	21,993	80	83	34 968	2 230,729	11 301,336	5,066	4,602
31	34	98 092	33 766,238	750 528,432	22,227	21,763	81	84	31 195	1 922,733	9 070,606	4,718	4,254
32	35	97 998	32 593,221	716 762,194	21,991	21,527	82	85	27 389	1 631,033	7 147,873	4,382	3,918
33	36	97 893	31 457,102	684 168,973	21,749	21,285	83	86	23 610	1 358,437	5 516,840	4,061	3,597
34	37	97 777	30 357,543	652 711,872	21,501	21,037	84	87	19 890	1 105,728	4 158,403	3,761	3,297
35	38	97 659	29 295,547	622 354,328	21,244	20,780	85	88	16 314	876,252	3 052,675	3,484	3,020
36	39	97 532	28 267,835	593 058,781	20,980	20,516	86	89	12 991	674,192	2 176,423	3,228	2,764
37	40	97 382	27 270,043	564 790,947	20,711	20,247	87	90	10 020	502,414	1 502,231	2,990	2,526
38	41	97 223	26 304,920	537 520,904	20,434	19,970	88	91	7 443	360,590	999,817	2,773	2,309
39	42	97 053	25 370,949	511 215,984	20,150	19,686	89	92	5 297	247,949	639,227	2,578	2,114
40	43	96 863	24 464,935	485 845,035	19,859	19,395	90	93	3 591	162,404	391,278	2,409	1,945
41	44	96 657	23 587,219	461 380,100	19,561	19,097	91	94	2 318	101,297	228,875	2,259	1,795
42	45	96 425	22 734,998	437 792,880	19,256	18,792	92	95	1 428	60,280	127,578	2,116	1,652
43	46	96 185	21 911,513	415 057,883	18,942	18,478	93	96	826	33,707	67,298	1,997	1,533
44	47	95 918	21 111,754	393 146,370	18,622	18,158	94	97	450	17,722	33,591	1,896	1,431
45	48	95 627	20 336,005	372 034,616	18,294	17,830	95	98	232	8,816	15,870	1,800	1,336
46	49	95 303	19 581,635	351 698,611	17,961	17,497	96	99	112	4,113	7,053	1,715	1,251
47	50	94 946	18 848,633	332 116,976	17,620	17,156	97	100	50	1,789	2,940	1,644	1,179
48	51	94 550	18 135,277	313 268,343	17,274	16,810							
49	52	94 106	17 439,733	295 133,066	16,923	16,459							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	2 667 013,593	26,760	26,296	50	54	93 391	16 721,914	274 171,289	16,396	15,932
1	5	99 319	95 960,377	2 567 347,994	26,754	26,290	51	55	92 834	16 060,166	257 449,375	16,030	15,566
2	6	99 288	92 686,635	2 471 387,618	26,664	26,200	52	56	92 214	15 413,427	241 389,210	15,661	15,197
3	7	99 268	89 533,854	2 378 700,982	26,568	26,104	53	57	91 535	14 782,533	225 975,783	15,287	14,823
4	8	99 251	86 491,765	2 289 167,128	26,467	26,003	54	58	90 780	14 164,762	211 193,250	14,910	14,446
5	9	99 233	83 551,366	2 202 675,363	26,363	25,899	55	59	89 948	13 560,385	197 028,487	14,530	14,066
6	10	99 219	80 714,331	2 119 123,997	26,255	25,791	56	60	89 022	12 966,940	183 468,102	14,149	13,685
7	11	99 204	77 973,504	2 038 409,666	26,142	25,678	57	61	88 005	12 385,268	170 501,162	13,766	13,302
8	12	99 187	75 323,604	1 960 436,162	25,027	25,563	58	62	86 894	11 815,471	158 115,895	13,382	12,918
9	13	99 173	72 766,287	1 885 112,558	25,906	25,442	59	63	85 695	11 258,391	146 300,424	12,995	12,531
10	14	99 157	70 294,392	1 812 346,271	25,782	25,318	60	64	84 376	10 710,253	135 042,034	12,609	12,145
11	15	99 141	67 905,964	1 742 051,879	25,654	25,190	61	65	82 951	10 173,268	124 331,781	12,221	11,757
12	16	99 122	65 597,498	1 674 145,914	25,521	25,057	62	66	81 415	9 647,190	114 158,513	11,833	11,369
13	17	99 101	63 365,512	1 608 548,417	25,385	24,921	63	67	79 753	9 130,733	104 511,323	11,446	10,982
14	18	99 079	61 209,091	1 545 182,904	25,244	24,780	64	68	77 983	8 626,193	95 380,590	11,057	10,593
15	19	99 050	59 122,314	1 483 973,813	25,100	24,636	65	69	76 097	8 132,849	86 754,397	10,667	10,203
16	20	99 019	57 104,763	1 424 851,499	24,952	24,488	66	70	74 063	7 647,856	78 621,547	10,280	9,816
17	21	98 980	55 152,019	1 367 746,756	24,800	24,336	67	71	71 905	7 173,908	70 973,691	9,893	9,429
18	22	98 937	53 263,721	1 312 594,736	24,643	24,179	68	72	69 630	6 711,971	63 799,783	9,505	9,041
19	23	98 882	51 434,037	1 259 331,015	24,484	24,020	69	73	67 242	6 262,608	57 087,812	9,116	8,652
20	24	98 826	49 666,544	1 207 896,978	24,320	23,856	70	74	64 723	5 824,129	50 825,204	8,727	8,263
21	25	98 769	47 959,318	1 158 230,434	24,150	23,686	71	75	62 115	5 400,438	45 001,076	8,333	7,869
22	26	98 710	46 309,759	1 110 271,116	23,975	23,511	72	76	59 347	4 985,330	39 600,638	7,943	7,479
23	27	98 651	44 716,999	1 063 961,357	23,793	23,329	73	77	56 507	4 586,262	34 615,308	7,548	7,084
24	28	98 589	43 177,617	1 019 244,358	23,606	23,142	74	78	53 564	4 200,402	30 029,046	7,149	6,685
25	29	98 520	41 688,471	976 066,741	23,413	22,949	75	79	50 482	3 824,831	25 828,644	6,753	6,289
26	30	98 452	40 250,991	934 378,270	23,214	22,750	76	80	47 252	3 459,006	22 003,813	6,361	5,897
27	31	98 381	38 861,716	894 127,279	23,008	22,544	77	81	43 879	3 103,452	18 544,807	5,976	5,512
28	32	98 305	37 518,580	855 265,563	22,796	22,332	78	82	40 410	2 761,473	15 441,355	5,592	5,128
29	33	98 227	36 220,898	817 746,983	22,577	22,113	79	83	36 788	2 428,974	12 679,882	5,220	4,756
30	34	98 144	34 966,522	781 526,085	22,351	21,887	80	84	33 038	2 107,602	10 250,908	4,864	4,400
31	35	98 055	33 753,346	746 559,563	22,118	21,654	81	85	29 205	1 800,086	8 143,306	4,524	4,060
32	36	97 953	32 578,002	712 806,217	21,880	21,416	82	86	25 370	1 510,836	6 343,220	4,198	3,734
33	37	97 846	31 442,101	680 228,215	21,634	21,170	83	87	21 596	1 242,592	4 832,384	3,889	3,425
34	38	97 728	30 342,214	648 786,114	21,382	20,918	84	88	17 919	996,156	3 589,792	3,604	3,140
35	39	97 605	29 279,314	618 443,899	21,122	20,658	85	89	14 466	776,969	2 593,636	3,338	2,874
36	40	97 468	28 249,442	589 164,585	20,856	20,392	86	90	11 318	587,352	1 816,667	3,093	2,629
37	41	97 320	27 252,778	560 915,143	20,582	20,118	87	91	8 546	428,501	1 229,316	2,869	2,405
38	42	97 152	26 285,640	533 662,365	20,302	19,838	88	92	6 208	300,758	800,815	2,663	2,199
39	43	96 975	25 350,478	507 376,725	20,014	19,550	89	93	4 302	201,348	500,057	2,484	2,020
40	44	96 776	24 443,022	482 026,247	19,720	19,256	90	94	2 839	128,387	298,709	2,327	1,863
41	45	96 565	23 564,909	457 583,225	19,418	18,954	91	95	1 786	78,054	170,323	2,182	1,718
42	46	96 321	22 710,542	434 018,316	19,111	18,647	92	96	1 065	44,953	92,269	2,053	1,589
43	47	96 071	21 885,566	411 307,773	18,794	18,330	93	97	596	24,292	47,316	1,948	1,484
44	48	95 793	21 084,322	389 422,207	18,470	18,006	94	98	317	12,498	23,024	1,842	1,378
45	49	95 482	20 305,153	368 337,886	18,140	17,676	95	99	158	6,004	10,525	1,753	1,289
46	50	95 142	19 548,659	348 032,733	17,803	17,339	96	100	73	2,701	4,522	1,674	1,210
47	51	94 771	18 813,878	328 484,074	17,460	16,996							
48	52	94 354	18 097,619	309 670,196	17,111	16,647							
49	53	93 898	17 401,288	291 572,577	16,756	16,292							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	2 662 491,439	26,717	26,253	50	55	93 133	16 675,857	270 405,335	16,215	15,751
1	6	99 312	95 953,857	2 562 835,014	26,709	26,245	51	56	92 545	16 010,180	253 729,478	15,848	15,384
2	7	99 281	92 679,868	2 466 881,157	26,617	26,153	52	57	91 902	15 361,305	237 719,297	15,475	15,011
3	8	99 263	89 529,590	2 374 201,290	26,519	26,055	53	58	91 191	14 727,006	222 357,992	15,099	14,635
4	9	99 244	86 485,532	2 284 671,700	26,417	25,953	54	59	90 401	14 105,645	207 630,986	14,720	14,256
5	10	99 228	83 546,925	2 198 186,168	26,311	25,847	55	60	89 531	13 497,540	193 525,342	14,338	13,874
6	11	99 213	80 709,844	2 114 639,243	26,201	25,736	56	61	88 566	12 900,461	180 027,802	13,955	13,491
7	12	99 196	77 967,507	2 033 929,399	26,087	25,623	57	62	87 513	12 316,081	167 127,341	13,570	13,106
8	13	99 181	75 318,844	1 955 961,892	25,969	25,505	58	63	86 362	11 743,137	154 811,260	13,183	12,719
9	14	99 165	72 760,536	1 880 643,048	25,847	25,383	59	64	85 116	11 182,282	143 068,123	12,794	12,330
10	15	99 148	70 287,907	1 807 882,512	25,721	25,257	60	65	83 751	10 630,903	131 885,841	12,406	11,942
11	16	99 129	67 898,103	1 737 594,605	25,591	25,127	61	66	82 286	10 091,743	121 254,938	12,015	11,551
12	17	99 110	65 585,112	1 669 696,502	25,457	24,993	62	67	80 702	9 562,702	111 163,195	11,625	11,161
13	18	99 088	63 357,297	1 604 107,390	25,318	24,854	63	68	79 007	9 045,288	101 600,493	11,232	10,768
14	19	99 063	61 199,156	1 540 750,093	25,176	24,712	64	69	77 188	8 538,171	92 555,205	10,840	10,376
15	20	99 034	59 112,596	1 479 550,937	25,029	24,565	65	70	75 218	8 038,945	84 017,034	10,451	9,987
16	21	99 003	57 095,396	1 420 438,341	24,878	24,414	66	71	73 134	7 551,862	75 978,088	10,061	9,597
17	22	98 963	55 142,655	1 363 342,945	24,724	24,260	67	72	70 912	7 074,804	68 426,226	9,672	9,208
18	23	98 920	53 254,785	1 308 200,290	24,565	24,101	68	73	68 589	6 611,641	61 351,422	9,279	8,815
19	24	98 866	51 425,624	1 254 945,505	24,403	23,939	69	74	66 116	6 157,796	54 739,781	8,890	8,425
20	25	98 810	49 658,385	1 203 519,881	24,236	23,772	70	75	63 545	5 718,175	48 581,985	8,496	8,032
21	26	98 750	47 949,994	1 153 861,496	24,064	23,600	71	76	60 865	5 291,782	42 863,809	8,100	7,636
22	27	98 692	46 301,505	1 105 911,502	23,885	23,421	72	77	58 033	4 874,910	37 572,028	7,707	7,243
23	28	98 630	44 707,620	1 059 609,997	23,701	23,237	73	78	55 155	4 476,474	32 697,117	7,304	6,840
24	29	98 565	43 167,341	1 014 902,377	23,511	23,047	74	79	52 107	4 086,120	28 220,644	6,906	6,442
25	30	98 496	41 678,184	971 735,036	23,315	22,851	75	80	48 927	3 706,994	24 134,524	6,511	6,047
26	31	98 424	40 239,608	930 056,852	23,113	22,649	76	81	45 586	3 337,036	20 427,529	6,121	5,657
27	32	98 349	38 849,203	889 817,244	22,904	22,440	77	82	42 105	2 978,025	17 090,493	5,739	5,275
28	33	98 272	37 505,977	850 968,041	22,689	22,225	78	83	38 511	2 631,677	14 112,468	5,363	4,899
29	34	98 192	36 208,213	813 462,064	22,466	22,002	79	84	34 758	2 294,905	11 480,791	5,003	4,539
30	35	98 106	34 953,172	777 253,851	22,237	21,773	80	85	30 931	1 973,163	9 185,886	4,655	4,191
31	36	98 009	33 737,585	742 300,679	22,002	21,538	81	86	27 053	1 667,431	7 212,724	4,326	3,862
32	37	97 906	32 562,467	708 563,094	21,760	21,296	82	87	23 207	1 381,994	5 545,293	4,013	3,549
33	38	97 797	31 426,225	676 000,627	21,511	21,047	83	88	19 456	1 119,458	4 163,299	3,719	3,255
34	39	97 674	30 325,402	644 574,402	21,255	20,791	84	89	15 889	883,287	3 043,842	3,446	2,982
35	40	97 542	29 260,264	614 249,000	20,993	20,529	85	90	12 602	676,891	2 160,554	3,192	2,728
36	41	97 406	28 231,557	584 988,737	20,721	20,257	86	91	9 653	500,942	1 483,663	2,962	2,498
37	42	97 249	27 232,803	556 757,180	20,444	19,980	87	92	7 128	357,400	982,721	2,750	2,286
38	43	97 074	26 264,431	529 524,377	20,161	19,697	88	93	5 041	244,232	625,321	2,560	2,096
39	44	96 888	25 327,772	503 259,946	19,870	19,406	89	94	3 401	159,174	381,089	2,394	1,930
40	45	96 685	24 419,903	477 932,174	19,571	19,107	90	95	2 188	98,928	221,916	2,243	1,779
41	46	96 461	23 539,562	453 512,271	19,266	18,802	91	96	1 332	58,208	122,988	2,113	1,649
42	47	96 207	22 683,649	429 972,710	18,955	18,491	92	97	767	32,397	64,780	2,000	1,536
43	48	95 946	21 857,128	407 289,061	18,634	18,170	93	98	420	17,132	32,382	1,890	1,426
44	49	95 648	21 052,335	385 431,932	18,308	17,844	94	99	216	8,511	15,250	1,792	1,328
45	50	95 321	20 270,958	364 379,598	17,975	17,511	95	100	104	3,943	6,739	1,709	1,245
46	51	94 967	19 512,613	344 108,640	17,635	17,171							
47	52	94 574	18 774,811	324 596,027	17,289	16,825							
48	53	94 146	18 057,724	305 821,216	16,936	16,472							
49	54	93 666	17 358,158	287 763,492	16,578	16,114							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	2 657 654,052	26,670	26,206	50	56	92 844	16 623,955	266 389,781	16,024	15,560
1	7	99 305	95 946,851	2 558 004,398	26,661	26,197	51	57	92 232	15 956,040	249 765,826	15,653	15,189
2	8	99 276	92 675,453	2 462 057,547	26,566	26,102	52	58	91 557	15 303,604	233 809,786	15,278	14,814
3	9	99 256	89 523,138	2 369 382,094	26,467	26,003	53	59	90 811	14 665,542	218 506,182	14,899	14,435
4	10	99 239	86 480,935	2 279 858,956	26,363	25,899	54	60	89 982	14 040,272	203 840,641	14,518	14,054
5	11	99 222	83 542,281	2 193 378,021	26,255	25,791	55	61	89 072	13 428,341	189 800,368	14,134	13,670
6	12	99 205	80 703,637	2 109 835,741	26,143	25,679	56	62	88 071	12 828,397	176 372,027	13,749	13,285
7	13	99 190	77 962,580	2 029 132,104	26,027	25,563	57	63	86 977	12 240,683	163 543,631	13,361	12,897
8	14	99 173	75 312,891	1 951 169,524	25,908	25,443	58	64	85 779	11 663,751	151 302,948	12,972	12,508
9	15	99 156	72 753,824	1 875 856,634	25,784	25,320	59	65	84 485	11 099,435	139 639,196	12,581	12,117
10	16	99 137	70 279,770	1 803 102,810	25,656	25,192	60	66	83 080	10 545,710	128 539,762	12,189	11,725
11	17	99 117	67 889,423	1 732 823,040	25,524	25,060	61	67	81 566	10 003,362	117 994,052	11,795	11,331
12	18	99 097	65 580,608	1 664 933,617	25,388	24,924	62	68	79 946	9 473,215	107 990,690	11,400	10,936
13	19	99 072	63 347,013	1 599 353,009	25,247	24,783	63	69	78 201	8 952,990	98 517,475	11,004	10,540
14	20	99 046	61 189,097	1 536 005,996	25,103	24,639	64	70	76 296	8 439,587	89 564,485	10,612	10,148
15	21	99 018	59 102,921	1 474 816,900	24,953	24,489	65	71	74 274	7 938,042	81 124,898	10,220	9,756
16	22	98 986	57 085,701	1 415 713,979	24,800	24,336	66	72	72 123	7 447,537	73 186,855	9,827	9,363
17	23	98 947	55 133,403	1 358 628,277	24,643	24,179	67	73	69 852	6 969,051	65 739,318	9,433	8,969
18	24	98 904	53 246,075	1 303 494,874	24,481	24,017	68	74	67 441	6 500,989	58 770,268	9,040	8,576
19	25	98 850	51 417,177	1 250 248,800	24,316	23,852	69	75	64 914	6 045,773	52 269,279	8,646	8,182
20	26	98 790	49 648,731	1 198 831,623	24,146	23,682	70	76	62 267	5 603,126	46 223,506	8,250	7,786
21	27	98 732	47 941,448	1 149 182,892	23,971	23,507	71	77	59 517	5 174,575	40 620,380	7,850	7,386
22	28	98 671	46 291,793	1 101 241,445	23,789	23,325	72	78	56 643	4 758,213	35 445,806	7,449	6,985
23	29	98 607	44 696,980	1 054 949,651	23,602	23,138	73	79	53 654	4 354,680	30 687,593	7,047	6,583
24	30	98 541	43 156,689	1 010 252,672	23,409	22,945	74	80	50 502	3 960,233	26 332,913	6,649	6,185
25	31	98 468	41 666,398	967 095,983	23,210	22,746	75	81	47 202	3 576,280	22 372,680	6,256	5,792
26	32	98 393	40 226,651	925 429,585	23,005	22,541	76	82	43 743	3 202,169	18 796,400	5,870	5,406
27	33	98 316	38 836,153	885 202,934	22,793	22,329	77	83	40 126	2 838,051	15 594,231	5,495	5,031
28	34	98 238	37 492,842	846 366,781	22,574	22,110	78	84	36 385	2 486,419	12 756,180	5,130	4,666
29	35	98 155	36 194,389	808 873,939	22,348	21,884	79	85	32 541	2 148,517	10 269,760	4,780	4,316
30	36	98 061	34 936,851	772 679,550	22,116	21,652	80	86	28 651	1 827,753	8 121,243	4,443	3,979
31	37	97 962	33 721,497	737 742,700	21,878	21,413	81	87	24 746	1 525,235	6 293,490	4,126	3,662
32	38	97 856	32 546,025	704 021,202	21,632	21,168	82	88	20 907	1 245,046	4 768,255	3,830	3,366
33	39	97 742	31 408,811	671 475,177	21,379	20,915	83	89	17 252	992,618	3 523,210	3,549	3,085
34	40	97 610	30 305,671	640 066,366	21,120	20,656	84	90	13 842	769,515	2 530,591	3,289	2,825
35	41	97 480	29 241,738	609 760,695	20,852	20,388	85	91	10 748	577,309	1 761,077	3,050	2,586
36	42	97 335	28 210,865	580 518,957	20,578	20,114	86	92	8 051	417,822	1 183,768	2,833	2,369
37	43	97 171	27 210,830	552 308,092	20,297	19,833	87	93	5 788	290,228	765,947	2,639	2,175
38	44	96 987	26 240,906	525 097,262	20,011	19,547	88	94	3 985	193,075	475,718	2,464	2,000
39	45	96 797	25 303,816	498 856,356	19,715	19,251	89	95	2 620	122,650	282,643	2,304	1,840
40	46	96 581	24 393,635	473 552,540	19,413	18,949	90	96	1 631	73,775	159,993	2,169	1,705
41	47	96 347	23 511,686	449 158,905	19,104	18,640	91	97	960	41,950	86,218	2,055	1,591
42	48	96 082	22 654,174	425 647,219	18,789	18,325	92	98	541	22,849	44,268	1,937	1,473
43	49	95 801	21 823,969	402 993,045	18,466	18,002	93	99	286	11,667	21,419	1,836	1,372
44	50	95 487	21 016,881	381 169,076	18,136	17,672	94	100	142	5,590	9,753	1,745	1,281
45	51	95 146	20 233,580	360 152,195	17,800	17,336							
46	52	94 770	19 472,095	339 918,615	17,457	16,993							
47	53	94 366	18 733,423	320 446,520	17,106	16,642							
48	54	93 912	18 012,967	301 713,097	16,750	16,286							
49	55	93 408	17 310,349	283 700,130	16,389	15,925							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	2 652 486,945	26,620	26,156	50	57	92 530	16 567,740	262 121,080	15,821	15,357
1	8	99 300	95 942,281	2 552 844,567	26,608	26,144	51	58	91 886	15 896,105	245 553,340	15,447	14,983
2	9	99 269	92 668,774	2 456 902,286	26,513	26,049	52	59	91 175	15 239,733	229 657,235	15,070	14,606
3	10	99 251	89 518,379	2 364 233,512	26,411	25,947	53	60	90 390	14 597,575	214 417,502	14,689	14,225
4	11	99 233	86 476,127	2 274 715,133	26,305	25,841	54	61	89 520	13 968,291	199 819,928	14,305	13,841
5	12	99 214	83 535,856	2 188 239,005	26,195	25,731	55	62	88 575	13 353,327	185 851,637	13,918	13,454
6	13	99 199	80 698,536	2 104 703,149	26,081	25,617	56	63	87 532	12 749,862	172 498,310	13,529	13,065
7	14	99 182	77 956,418	2 024 004,613	25,963	25,499	57	64	86 389	12 157,934	159 748,447	13,139	12,675
8	15	99 164	75 305,943	1 946 048,195	25,842	25,378	58	65	85 143	11 577,337	147 590,513	12,748	12,284
9	16	99 145	72 745,401	1 870 742,252	25,716	25,252	59	66	83 808	11 010,487	136 013,176	12,353	11,889
10	17	99 124	70 270,785	1 797 996,851	25,587	25,123	60	67	82 352	10 453,353	125 002,689	11,958	11,494
11	18	99 104	67 880,621	1 727 726,066	25,452	24,988	61	68	80 802	9 909,751	114 549,336	11,559	11,095
12	19	99 081	65 569,963	1 659 845,445	25,314	24,850	62	69	79 131	9 376,551	104 639,585	11,160	10,696
13	20	99 056	63 336,601	1 594 275,482	25,171	24,707	63	70	77 298	8 849,617	95 263,035	10,765	10,301
14	21	99 030	61 179,081	1 530 938,881	25,024	24,560	64	71	75 339	8 333,655	86 413,418	10,369	9,905
15	22	99 001	59 092,885	1 469 759,800	24,872	24,408	65	72	73 248	7 828,382	78 079,763	9,974	9,510
16	23	98 969	57 076,124	1 410 666,915	24,716	24,252	66	73	71 045	7 336,212	70 251,381	9,576	9,112
17	24	98 930	55 124,385	1 353 590,791	24,555	24,091	67	74	68 683	6 852,416	62 915,169	9,181	8,717
18	25	98 888	53 237,328	1 298 466,406	24,390	23,926	68	75	66 214	6 382,722	56 062,752	8,784	8,319
19	26	98 830	51 407,180	1 245 229,078	24,223	23,759	69	76	63 608	5 924,132	49 680,031	8,386	7,922
20	27	98 773	49 639,882	1 193 821,898	24,050	23,586	70	77	60 887	5 479,023	43 755,899	7,986	7,522
21	28	98 711	47 931,392	1 144 182,016	23,871	23,407	71	78	58 092	5 050,704	38 276,875	7,579	7,114
22	29	98 648	46 280,776	1 096 250,624	23,687	23,223	72	79	55 102	4 628,754	33 226,172	7,178	6,714
23	30	98 582	44 685,950	1 049 969,848	23,497	23,033	73	80	52 001	4 220,519	28 597,418	6,776	6,312
24	31	98 513	43 144,485	1 005 283,898	23,300	22,836	74	81	48 721	3 820,589	24 376,899	6,380	5,916
25	32	98 436	41 652,981	962 139,413	23,099	22,635	75	82	45 294	3 431,744	20 556,309	5,990	5,526
26	33	98 360	40 213,139	920 486,432	22,890	22,426	76	83	41 687	3 051,660	17 124,566	5,612	5,148
27	34	98 282	38 822,551	880 273,293	22,674	22,210	77	84	37 911	2 681,403	14 072,906	5,248	4,784
28	35	98 200	37 478,527	841 450,742	22,452	21,988	78	85	34 064	2 327,816	11 391,503	4,894	4,430
29	36	98 109	36 177,488	803 972,215	22,223	21,759	79	86	30 143	1 990,185	9 063,688	4,554	4,090
30	37	98 014	34 920,191	767 794,726	21,987	21,523	80	87	26 208	1 671,885	7 073,503	4,231	3,767
31	38	97 913	33 704,470	732 874,535	21,744	21,280	81	88	22 294	1 374,092	5 401,618	3,931	3,467
32	39	97 802	32 527,991	699 170,065	21,494	21,030	82	89	18 538	1 103,977	4 027,526	3,648	3,184
33	40	97 679	31 388,375	666 642,074	21,239	20,774	83	90	15 030	864,763	2 923,549	3,381	2,917
34	41	97 549	30 286,483	635 253,699	20,975	20,511	84	91	11 806	656,306	2 058,786	3,137	2,673
35	42	97 409	29 220,306	604 967,216	20,704	20,240	85	92	8 965	481,517	1 402,480	2,913	2,449
36	43	97 256	28 188,103	575 746,910	20,425	19,961	86	93	6 538	339,294	920,964	2,714	2,250
37	44	97 084	27 186,458	547 558,807	20,141	19,677	87	94	4 576	229,438	581,670	2,535	2,071
38	45	96 895	26 216,086	520 372,349	19,849	19,385	88	95	3 071	148,773	352,232	2,368	1,904
39	46	96 692	25 276,597	494 156,263	19,550	19,086	89	96	1 954	91,466	203,459	2,224	1,760
40	47	96 466	24 364,748	468 879,666	19,244	18,780	90	97	1 176	53,169	111,993	2,106	1,642
41	48	96 222	23 481,136	444 514,918	18,931	18,467	91	98	677	29,586	58,825	1,988	1,524
42	49	95 936	22 619,806	421 033,782	18,614	18,149	92	99	369	15,559	29,239	1,879	1,415
43	50	95 639	21 787,216	398 413,976	18,287	17,823	93	100	188	7,662	13,680	1,785	1,321
44	51	95 311	20 978,128	376 626,760	17,953	17,489							
45	52	94 948	20 191,565	355 648,632	17,614	17,150							
46	53	94 561	19 429,170	335 457,067	17,266	16,802							
47	54	94 132	18 686,991	316 027,897	16,912	16,448							
48	55	93 654	17 963,354	297 340,906	16,553	16,089							
49	56	93 117	17 256,472	279 377,552	16,190	15,726							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	2 646 979,023	26,566	26,102	50	58	92 182	16 505,507	257 594,859	15,607	15,143
1	9	99 293	95 935,367	2 547 341,391	26,553	26,089	51	59	91 502	15 829,761	241 089,353	15,230	14,766
2	10	99 264	92 663,849	2 451 406,025	26,455	25,991	52	60	90 752	15 169,105	225 259,591	14,850	14,386
3	11	99 245	89 513,403	2 358 742,176	26,351	25,887	53	61	89 926	14 522,736	210 090,486	14,466	14,002
4	12	99 226	86 469,477	2 269 228,773	26,243	25,779	54	62	89 020	13 890,261	195 567,751	14,079	13,615
5	13	99 208	83 530,577	2 182 759,296	26,131	25,667	55	63	88 032	13 271,580	181 677,490	13,689	13,225
6	14	99 191	80 692,158	2 099 228,719	26,015	25,551	56	64	86 940	12 663,671	168 405,910	13,298	12,834
7	15	99 173	77 949,226	2 018 536,561	25,896	25,432	57	65	85 749	12 067,858	155 742,239	12,906	12,442
8	16	99 152	75 297,225	1 940 587,335	25,772	25,308	58	66	84 461	11 484,560	143 674,381	12,510	12,046
9	17	99 132	72 736,101	1 865 290,110	25,645	25,181	59	67	83 074	10 914,060	132 189,821	12,112	11,648
10	18	99 111	70 261,675	1 792 554,009	25,513	25,049	60	68	81 582	10 355,531	121 275,761	11,711	11,247
11	19	99 088	67 869,602	1 722 292,334	25,376	24,912	61	69	79 978	9 808,632	110 920,230	11,308	10,844
12	20	99 064	65 559,185	1 654 422,732	25,236	24,772	62	70	78 217	9 268,286	101 111,598	10,909	10,445
13	21	99 039	63 326,234	1 588 863,547	25,090	24,626	63	71	76 327	8 738,538	91 843,312	10,510	10,046
14	22	99 013	61 168,693	1 525 537,313	24,940	24,476	64	72	74 298	8 218,530	83 104,774	10,112	9,648
15	23	98 985	59 082,971	1 464 368,620	24,785	24,321	65	73	72 153	7 711,364	74 886,243	9,711	9,247
16	24	98 953	57 066,788	1 405 285,649	24,625	24,161	66	74	69 856	7 213,433	67 174,879	9,312	8,848
17	25	98 914	55 115,330	1 348 218,861	24,462	23,998	67	75	67 433	6 727,756	59 961,446	8,913	8,449
18	26	98 869	53 226,978	1 293 103,531	24,294	23,830	68	76	64 882	6 254,302	53 233,690	8,512	8,048
19	27	98 813	51 398,018	1 239 876,553	24,123	23,659	69	77	62 199	5 792,920	46 979,388	8,110	7,646
20	28	98 752	49 629,470	1 188 478,535	23,947	23,483	70	78	59 430	5 347,864	41 186,469	7,709	7,237
21	29	98 688	47 919,985	1 138 849,065	23,766	23,302	71	79	56 512	4 913,287	35 838,605	7,294	6,830
22	30	98 624	46 269,356	1 090 929,081	23,578	23,114	72	80	53 405	4 486,149	30 925,318	6,894	6,429
23	31	98 554	44 673,313	1 044 659,725	23,384	22,920	73	81	50 167	4 071,697	26 439,169	6,493	6,029
24	32	98 481	43 130,592	999 986,412	23,185	22,721	74	82	46 752	3 666,179	22 367,472	6,101	5,637
25	33	98 403	41 638,990	956 855,819	22,980	22,516	75	83	43 165	3 270,444	18 701,292	5,718	5,254
26	34	98 325	40 199,055	915 216,830	22,767	22,303	76	84	39 386	2 883,221	15 430,849	5,352	4,888
27	35	98 244	38 807,729	875 017,775	22,548	22,083	77	85	35 493	2 510,361	12 547,628	4,998	4,534
28	36	98 154	37 461,027	836 210,046	22,322	21,858	78	86	31 554	2 156,270	10 037,267	4,655	4,191
29	37	98 062	36 160,237	798 749,019	22,089	21,625	79	87	27 572	1 820,465	7 880,997	4,329	3,865
30	38	97 964	34 902,559	762 588,782	21,849	21,385	80	88	23 611	1 506,210	6 060,532	4,024	3,560
31	39	97 858	33 685,794	727 686,223	21,602	21,138	81	89	19 768	1 218,402	4 554,322	3,738	3,274
32	40	97 739	32 506,827	694 000,429	21,349	20,885	82	90	16 150	961,778	3 335,920	3,468	3,004
33	41	97 617	31 368,503	661 493,602	21,088	20,624	83	91	12 818	737,542	2 374,142	3,219	2,755
34	42	97 477	30 264,285	630 125,099	20,821	20,357	84	92	9 847	547,406	1 636,601	2,990	2,526
35	43	97 330	29 196,729	599 860,814	20,545	20,081	85	93	7 280	391,018	1 089,194	2,786	2,322
36	44	97 169	28 162,855	570 664,085	20,263	19,799	86	94	5 169	268,226	698,177	2,603	2,139
37	45	96 992	27 160,743	542 501,230	19,974	19,510	87	95	3 526	176,792	429,951	2,432	1,968
38	46	96 791	26 187,886	515 340,487	19,679	19,215	88	96	2 290	110,947	253,159	2,282	1,818
39	47	96 578	25 246,665	489 152,601	19,375	18,911	89	97	1 408	65,918	142,213	2,157	1,693
40	48	96 341	24 333,090	463 905,936	19,065	18,601	90	98	829	37,498	76,294	2,035	1,571
41	49	96 076	23 445,513	439 572,846	18,749	18,285	91	99	461	20,147	38,796	1,926	1,462
42	50	95 775	22 581,712	416 127,333	18,428	17,964	92	100	242	10,218	18,649	1,825	1,361
43	51	95 463	21 747,042	393 545,621	18,097	17,632							
44	52	95 113	20 934,567	371 798,579	17,760	17,296							
45	53	94 739	20 147,054	350 864,012	17,415	16,951							
46	54	94 326	19 381,013	330 716,958	17,064	16,600							
47	55	93 872	18 635,522	311 335,944	16,707	16,243							
48	56	93 362	17 907,445	292 700,423	16,345	15,881							
49	57	92 802	17 198,118	274 792,978	15,978	15,514							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	2 641 116,457	26,509	26,045	50	59	91 797	16 436,620	252 809,184	15,381	14,917
1	10	99 288	95 930,268	2 541 486,007	26,493	26,029	51	60	91 078	15 756,399	236 372,564	15,002	14,538
2	11	99 258	92 658,697	2 445 555,739	26,393	25,929	52	61	90 287	15 091,336	220 616,165	14,619	14,155
3	12	99 237	89 506,519	2 352 897,042	26,287	25,823	53	62	89 424	14 441,609	205 524,829	14,231	13,767
4	13	99 219	86 464,012	2 263 390,523	26,177	25,713	54	63	88 475	13 805,226	191 083,220	13,841	13,377
5	14	99 200	83 523,974	2 176 926,510	26,063	25,599	55	64	87 437	13 181,861	177 277,994	13,449	12,985
6	15	99 182	80 684,714	2 093 402,536	25,945	25,481	56	65	86 296	12 569,848	164 096,133	13,055	12,591
7	16	99 162	77 940,202	2 012 717,822	25,824	25,360	57	66	85 062	11 971,150	151 526,285	12,658	12,194
8	17	99 139	75 287,599	1 934 777,620	25,698	25,234	58	67	83 721	11 383,981	139 555,135	12,259	11,795
9	18	99 119	72 726,671	1 859 490,021	25,568	25,104	59	68	82 297	10 811,927	128 171,154	11,855	11,391
10	19	99 095	70 250,270	1 786 763,350	25,434	24,970	60	69	80 749	10 249,864	117 359,227	11,450	10,986
11	20	99 071	67 858,447	1 716 513,081	25,295	24,831	61	70	79 054	9 695,379	107 109,363	11,047	10,583
12	21	99 048	65 548,455	1 648 654,634	25,152	24,688	62	71	77 235	9 151,953	97 413,985	10,644	10,180
13	22	99 023	63 315,481	1 583 106,179	25,003	24,539	63	72	75 273	8 617,820	88 262,032	10,242	9,778
14	23	98 997	61 158,430	1 519 790,698	24,850	24,386	64	73	73 187	8 095,680	79 644,212	9,838	9,374
15	24	98 968	59 073,307	1 458 632,268	24,692	24,228	65	74	70 945	7 582,307	71 548,532	9,436	8,972
16	25	98 937	57 057,414	1 399 558,961	24,529	24,065	66	75	68 585	7 082,205	63 966,225	9,032	8,568
17	26	98 895	55 104,615	1 342 501,547	24,363	23,899	67	76	66 076	6 592,394	56 884,020	8,629	8,165
18	27	98 851	53 217,491	1 287 396,932	24,191	23,727	68	77	63 445	6 115,776	50 291,626	8,223	7,759
19	28	98 792	51 387,237	1 234 179,441	24,017	23,553	69	78	60 710	5 654,246	44 175,850	7,813	7,349
20	29	98 729	49 617,658	1 182 792,204	23,838	23,374	70	79	57 813	5 202,362	38 521,604	7,405	6,941
21	30	98 664	47 908,160	1 133 174,546	23,653	23,189	71	80	54 770	4 761,916	33 319,242	6,997	6,533
22	31	98 596	46 256,271	1 085 266,386	23,462	22,998	72	81	51 522	4 327,961	28 557,325	6,598	6,134
23	32	98 523	44 658,928	1 039 010,114	23,265	22,801	73	82	48 140	3 907,139	24 229,365	6,201	5,737
24	33	98 448	43 116,104	994 351,186	23,062	22,598	74	83	44 554	3 493,860	20 322,226	5,817	5,353
25	34	98 369	41 624,407	951 235,082	22,853	22,389	75	84	40 783	3 089,929	16 828,366	5,446	4,982
26	35	98 288	40 183,707	909 610,675	22,636	22,172	76	85	36 874	2 699,306	13 738,437	5,090	4,626
27	36	98 198	38 789,608	869 426,968	22,414	21,950	77	86	32 877	2 325,363	11 039,131	4,747	4,283
28	37	98 108	37 443,164	830 637,360	22,184	21,720	78	87	28 863	1 972,387	8 713,768	4,418	3,954
29	38	98 013	36 141,978	793 194,196	21,947	21,483	79	88	24 840	1 640,066	6 741,381	4,110	3,646
30	39	97 910	34 883,219	757 052,218	21,702	21,238	80	89	20 936	1 335,550	5 101,315	3,820	3,356
31	40	97 795	33 663,877	722 168,999	21,452	20,988	81	90	17 222	1 061,464	3 765,765	3,548	3,084
32	41	97 677	32 486,246	688 505,122	21,194	20,730	82	91	13 774	820,284	2 704,300	3,297	2,833
33	42	97 545	31 345,511	656 018,876	20,929	20,465	83	92	10 692	615,163	1 884,017	3,063	2,599
34	43	97 398	30 239,866	624 673,365	20,657	20,193	84	93	7 996	444,524	1 268,854	2,854	2,390
35	44	97 243	29 170,578	594 433,499	20,378	19,914	85	94	5 755	309,116	824,330	2,667	2,203
36	45	97 077	28 136,217	565 262,921	20,090	19,626	86	95	3 983	206,680	515,215	2,493	2,029
37	46	96 887	27 131,528	537 126,704	19,797	19,333	87	96	2 629	131,842	308,535	2,340	1,876
38	47	96 676	26 156,875	509 995,177	19,498	19,034	88	97	1 650	79,958	176,693	2,210	1,746
39	48	96 452	25 213,860	483 838,302	19,189	18,725	89	98	993	46,490	96,735	2,081	1,617
40	49	96 195	24 296,174	458 624,441	18,876	18,412	90	99	565	25,535	50,246	1,968	1,504
41	50	95 914	23 406,029	434 328,267	18,556	18,092	91	100	303	13,231	24,711	1,868	1,404
42	51	95 598	22 540,074	410 922,239	18,231	17,767							
43	52	95 265	21 701,884	388 382,165	17,896	17,432							
44	53	94 903	20 888,418	366 680,281	17,554	17,090							
45	54	94 504	20 097,118	345 791,862	17,206	16,742							
46	55	94 066	19 327,633	325 694,744	16,851	16,387							
47	56	93 580	18 577,521	306 367,111	16,491	16,027							
48	57	93 046	17 846,889	287 789,590	16,125	15,661							
49	58	92 454	17 133,517	269 942,701	15,755	15,291							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	2 634 890,796	26,448	25,984	50	60	91 372	16 360,445	247 763,428	15,144	14,680
1	11	99 282	95 924,934	2 535 265,641	26,430	25,966	51	61	90 611	15 675,619	231 402,983	14,762	14,298
2	12	99 251	92 651,572	2 439 340,706	26,328	25,864	52	62	89 783	15 007,033	215 727,364	14,375	13,911
3	13	99 231	89 500,862	2 346 689,135	26,220	25,756	53	63	88 877	14 353,199	200 720,331	13,984	13,520
4	14	99 212	86 457,178	2 257 188,272	26,108	25,644	54	64	87 877	13 711,900	186 367,133	13,592	13,128
5	15	99 191	83 516,269	2 170 731,094	25,992	25,528	55	65	86 789	13 084,199	172 655,232	13,196	12,732
6	16	99 171	80 675,373	2 087 214,825	25,872	25,408	56	66	85 604	12 469,117	159 571,033	12,797	12,333
7	17	99 149	77 930,238	2 006 539,452	25,748	25,284	57	67	84 317	11 866,310	147 101,916	12,397	11,933
8	18	99 127	75 277,837	1 928 609,214	25,620	25,156	58	68	82 938	11 277,450	135 235,606	11,992	11,528
9	19	99 103	72 714,866	1 853 331,376	25,488	25,024	59	69	81 457	10 701,602	123 958,156	11,583	11,119
10	20	99 079	70 238,723	1 780 616,510	25,351	24,887	60	70	79 817	10 131,516	113 256,553	11,179	10,715
11	21	99 055	67 847,340	1 710 377,788	25,209	24,745	61	71	78 062	9 573,684	103 125,038	10,772	10,308
12	22	99 031	65 537,325	1 642 530,448	25,063	24,603	62	72	76 168	9 025,523	93 551,353	10,365	9,901
13	23	99 006	63 304,858	1 576 993,123	24,911	24,447	63	73	74 148	8 489,001	84 525,830	9,957	9,493
14	24	98 981	61 148,427	1 513 688,265	24,754	24,290	64	74	71 962	7 960,191	76 036,828	9,552	9,088
15	25	98 952	59 063,603	1 452 539,838	24,593	24,129	65	75	69 655	7 444,368	68 076,638	9,145	8,681
16	26	98 918	57 046,321	1 393 476,235	24,427	23,963	66	76	67 205	6 939,711	60 632,269	8,737	8,273
17	27	98 877	55 094,793	1 336 429,913	24,257	23,793	67	77	64 613	6 446,380	53 692,558	8,329	7,865
18	28	98 830	53 206,328	1 281 335,120	24,082	23,618	68	78	61 926	5 969,374	47 246,178	7,915	7,451
19	29	98 769	51 375,007	1 228 128,792	23,905	23,441	69	79	59 058	5 500,408	41 276,804	7,504	7,040
20	30	98 704	49 605,414	1 176 753,784	23,722	23,258	70	80	56 032	5 042,086	35 776,395	7,096	6,632
21	31	98 636	47 894,612	1 127 148,370	23,534	23,070	71	81	52 839	4 594,004	30 734,310	6,690	6,226
22	32	98 564	46 241,377	1 079 253,758	23,340	22,876	72	82	49 439	4 153,045	26 140,306	6,294	5,830
23	33	98 490	44 643,927	1 033 012,381	23,139	22,675	73	83	45 877	3 723,494	21 987,261	5,905	5,441
24	34	98 414	43 101,004	988 368,454	22,931	22,467	74	84	42 095	3 301,014	18 263,767	5,533	5,069
25	35	98 331	41 608,515	945 267,450	22,718	22,254	75	85	38 181	2 892,828	14 962,753	5,172	4,708
26	36	98 242	40 164,944	903 658,936	22,499	22,035	76	86	34 156	2 500,384	12 069,925	4,827	4,363
27	37	98 152	38 771,111	863 493,992	22,272	21,808	77	87	30 074	2 127,060	9 569,541	4,499	4,035
28	38	98 058	37 424,257	824 722,880	22,037	21,573	78	88	26 003	1 776,933	7 442,481	4,188	3,724
29	39	97 958	36 121,952	787 298,623	21,796	21,332	79	89	22 025	1 454,240	5 665,548	3,896	3,432
30	40	97 846	34 860,522	751 176,671	21,548	21,084	80	90	18 239	1 163,523	4 211,307	3,619	3,155
31	41	97 733	33 642,563	716 316,149	21,292	20,828	81	91	14 688	905,305	3 047,784	3,367	2,903
32	42	97 605	32 462,435	682 673,586	21,030	20,566	82	92	11 489	684,176	2 142,480	3,131	2,667
33	43	97 467	31 320,220	650 211,150	20,760	20,296	83	93	8 682	499,545	1 458,304	2,919	2,455
34	44	97 311	30 212,780	618 890,930	20,484	20,020	84	94	6 321	351,414	958,759	2,728	2,264
35	45	97 151	29 142,987	588 678,150	20,200	19,736	85	95	4 435	238,187	607,345	2,550	2,086
36	46	96 973	28 105,952	559 535,163	19,908	19,444	86	96	2 970	154,131	369,157	2,395	1,931
37	47	96 773	27 099,399	531 429,211	19,610	19,146	87	97	1 895	95,017	215,027	2,263	1,799
38	48	96 550	26 122,888	504 329,812	19,306	18,842	88	98	1 164	56,391	120,010	2,128	1,664
39	49	96 306	25 175,608	478 206,925	18,995	18,531	89	99	676	31,658	63,619	2,010	1,546
40	50	96 033	24 255,257	453 031,317	18,678	18,214	90	100	371	16,770	31,961	1,906	1,442
41	51	95 737	23 362,870	428 776,059	18,353	17,889							
42	52	95 400	22 493,269	405 413,189	18,024	17,560							
43	53	95 055	21 654,044	382 919,920	17,684	17,220							
44	54	94 668	20 836,645	361 265,876	17,338	16,874							
45	55	94 244	20 041,765	340 429,231	16,986	16,522							
46	56	93 774	19 267,478	320 387,465	16,628	16,164							
47	57	93 264	18 514,699	301 119,988	16,264	15,800							
48	58	92 697	17 779,851	282 605,288	15,895	15,431							
49	59	92 068	17 062,009	264 825,437	15,521	15,057							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	2 628 289,410	26,383	25,919	50	61	90 903	16 276,568	242 458,215	14,896	14,432
1	12	99 275	95 917,557	2 528 669,793	26,363	25,899	51	62	90 105	15 588,052	226 181,647	14,510	14,046
2	13	99 244	92 645,716	2 432 752,236	26,259	25,795	52	63	89 233	14 915,161	210 593,595	14,119	13,655
3	14	99 223	89 493,788	2 340 106,520	26,148	25,684	53	64	88 276	14 256,168	195 678,434	13,726	13,262
4	15	99 202	86 449,203	2 250 612,732	26,034	25,570	54	65	87 226	13 610,312	181 422,265	13,330	12,866
5	16	99 180	83 506,600	2 164 163,529	25,916	25,452	55	66	86 094	12 979,347	167 811,954	12,929	12,465
6	17	99 158	80 665,060	2 080 656,928	25,794	25,330	56	67	84 855	12 359,916	154 832,607	12,527	12,063
7	18	99 136	77 920,134	1 999 991,869	25,667	25,203	57	68	83 528	11 755,266	142 472,691	12,120	11,656
8	19	99 110	75 265,618	1 922 071,735	25,537	25,073	58	69	82 091	11 162,375	130 717,425	11,711	11,247
9	20	99 087	72 702,914	1 846 806,116	25,402	24,938	59	70	80 517	10 578,038	119 555,050	11,302	10,838
10	21	99 062	70 227,226	1 774 103,203	25,262	24,798	60	71	78 815	10 004,347	108 977,012	10,893	10,429
11	22	99 038	67 835,819	1 703 875,977	25,118	24,654	61	72	76 984	9 441,429	98 972,664	10,483	10,019
12	23	99 015	65 526,329	1 636 040,157	24,968	24,504	62	73	75 030	8 890,611	89 531,235	10,070	9,606
13	24	98 990	63 294,504	1 570 513,828	24,813	24,349	63	74	72 907	8 346,929	80 640,625	9,661	9,197
14	25	98 964	61 138,382	1 507 219,324	24,653	24,189	64	75	70 653	7 815,378	72 293,696	9,250	8,786
15	26	98 933	59 052,120	1 446 080,942	24,488	24,024	65	76	68 253	7 294,588	64 478,318	8,839	8,375
16	27	98 900	57 036,153	1 387 028,821	24,318	23,854	66	77	65 717	6 786,005	57 183,730	8,427	7,963
17	28	98 857	55 083,237	1 329 992,668	24,145	23,681	67	78	63 066	6 292,064	50 397,725	8,010	7,546
18	29	98 807	53 193,666	1 274 909,431	23,967	23,503	68	79	60 241	5 806,962	44 105,661	7,595	7,131
19	30	98 744	51 362,330	1 221 715,765	23,786	23,322	69	80	57 239	5 330,950	38 298,699	7,184	6,720
20	31	98 676	49 591,387	1 170 353,435	23,600	23,136	70	81	54 056	4 864,294	32 967,749	6,777	6,313
21	32	98 604	47 879,190	1 120 762,048	23,408	22,944	71	82	50 704	4 408,336	28 103,455	6,375	5,911
22	33	98 531	46 225,844	1 072 882,858	23,210	22,746	72	83	47 115	3 957,842	23 695,119	5,987	5,523
23	34	98 455	44 628,292	1 026 657,014	23,005	22,541	73	84	43 345	3 517,973	19 737,277	5,610	5,146
24	35	98 376	43 084,548	982 028,723	22,793	22,329	74	85	39 410	3 090,449	16 219,304	5,248	4,784
25	36	98 285	41 589,086	938 944,175	22,577	22,113	75	86	35 367	2 679,645	13 128,855	4,899	4,435
26	37	98 195	40 145,791	897 355,089	22,352	21,888	76	87	31 244	2 287,155	10 449,210	4,569	4,105
27	38	98 102	38 751,534	857 209,298	22,121	21,657	77	88	27 094	1 916,279	8 162,055	4,259	3,795
28	39	98 004	37 403,520	818 457,763	21,882	21,418	78	89	23 056	1 575,600	6 245,776	3,964	3,500
29	40	97 895	36 098,449	781 054,243	21,637	21,173	79	90	19 188	1 266,925	4 670,176	3,686	3,222
30	41	97 784	34 838,451	744 955,794	21,383	20,919	80	91	15 556	992,349	3 403,251	3,429	2,965
31	42	97 661	33 617,905	710 117,343	21,123	20,659	81	92	12 251	755,089	2 410,903	3,193	2,729
32	43	97 526	32 436,243	676 499,438	20,856	20,392	82	93	9 330	555,588	1 655,813	2,980	2,516
33	44	97 379	31 292,167	644 063,195	20,582	20,118	83	94	6 864	394,911	1 100,226	2,786	2,322
34	45	97 219	30 184,204	612 771,028	20,301	19,837	84	95	4 871	270,780	705,314	2,605	2,141
35	46	97 046	29 111,639	582 586,824	20,012	19,548	85	96	3 307	177,627	434,535	2,446	1,982
36	47	96 858	28 072,669	553 475,185	19,716	19,252	86	97	2 140	111,080	256,907	2,313	1,849
37	48	96 647	27 064,187	525 402,516	19,413	18,949	87	98	1 336	67,011	145,827	2,176	1,712
38	49	96 404	26 083,256	498 338,330	19,106	18,642	88	99	793	38,401	78,816	2,052	1,588
39	50	96 144	25 133,211	472 255,073	18,790	18,326	89	100	444	20,791	40,415	1,944	1,480
40	51	95 856	24 210,533	447 121,863	18,468	18,004							
41	52	95 538	23 314,357	422 911,329	18,140	17,675							
42	53	95 189	22 443,685	399 596,972	17,804	17,340							
43	54	94 819	21 600,373	377 153,288	17,460	16,996							
44	55	94 407	20 779,255	355 552,915	17,111	16,647							
45	56	93 950	19 979,388	334 773,660	16,756	16,292							
46	57	93 457	19 202,323	314 794,272	16,394	15,930							
47	58	92 913	18 445,153	295 591,949	16,025	15,561							
48	59	92 310	17 705,646	277 146,796	15,653	15,189							
49	60	91 641	16 982,936	259 441,150	15,277	14,813							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	2 621 301,921	26,315	25,851	50	62	90 396	16 185,644	236 895,125	14,636	14,172
1	13	99 268	95 911,496	2 521 689,965	26,292	25,828	51	63	89 554	15 492,623	220 709,481	14,246	13,782
2	14	99 237	92 638,394	2 425 778,469	26,185	25,721	52	64	88 630	14 814,332	205 216,858	13,853	13,389
3	15	99 214	89 485,532	2 333 140,076	26,073	25,609	53	65	87 622	14 150,547	190 402,526	13,455	12,991
4	16	99 191	86 439,194	2 243 654,543	25,956	25,492	54	66	86 527	13 501,243	176 251,979	13,055	12,590
5	17	99 167	83 495,925	2 157 215,349	25,836	25,372	55	67	85 340	12 865,677	162 750,736	12,650	12,186
6	18	99 145	80 654,601	2 073 719,424	25,711	25,247	56	68	84 060	12 244,252	149 885,060	12,241	11,777
7	19	99 120	77 907,486	1 993 064,823	25,582	25,118	57	69	82 676	11 635,315	137 640,807	11,830	11,366
8	20	99 094	75 253,247	1 915 157,337	25,449	24,985	58	70	81 143	11 033,491	126 005,492	11,420	10,956
9	21	99 070	72 691,014	1 839 904,090	25,311	24,847	59	71	79 506	10 445,265	114 972,001	11,007	10,543
10	22	99 046	70 215,302	1 767 213,076	25,168	24,704	60	72	77 726	9 866,142	104 526,735	10,594	10,130
11	23	99 022	67 824,438	1 696 997,774	25,020	24,556	61	73	75 833	9 300,299	94 660,593	10,178	9,714
12	24	98 999	65 515,612	1 629 173,336	24,867	24,403	62	74	73 774	8 741,817	85 360,293	9,765	9,301
13	25	98 974	63 284,107	1 563 657,725	24,709	24,245	63	75	71 581	8 195,081	76 618,476	9,349	8,885
14	26	98 945	61 126,496	1 500 373,618	24,545	24,081	64	76	69 232	7 658,133	68 423,396	8,935	8,471
15	27	98 915	59 041,595	1 439 247,122	24,377	23,913	65	77	66 742	7 133,021	60 765,263	8,519	8,055
16	28	98 879	57 024,190	1 380 205,527	24,204	23,740	66	78	64 144	6 623,558	53 632,242	8,097	7,633
17	29	98 833	55 070,128	1 323 181,337	24,027	23,563	67	79	61 350	6 120,873	47 008,683	7,680	7,216
18	30	98 782	53 180,540	1 268 111,209	23,845	23,381	68	80	58 385	5 628,059	40 887,810	7,265	6,801
19	31	98 716	51 347,805	1 214 930,669	23,661	23,197	69	81	55 220	5 142,972	35 259,751	6,856	6,392
20	32	98 645	49 575,418	1 163 582,864	23,471	23,007	70	82	51 871	4 667,702	30 116,779	6,452	5,988
21	33	98 571	47 863,107	1 114 007,446	23,275	22,811	71	83	48 320	4 201,134	25 449,077	6,058	5,594
22	34	98 496	46 209,654	1 066 144,339	23,072	22,608	72	84	44 515	3 739,386	21 247,943	5,682	5,218
23	35	98 418	44 611,253	1 019 934,684	22,863	22,399	73	85	40 580	3 293,568	17 508,557	5,316	4,852
24	36	98 330	43 064,430	975 323,432	22,648	22,184	74	86	36 506	2 862,702	14 214,989	4,966	4,502
25	37	98 238	41 569,254	932 259,001	22,427	21,963	75	87	32 351	2 451,129	11 352,287	4,631	4,167
26	38	98 145	40 125,520	890 689,747	22,198	21,734	76	88	28 148	2 060,510	8 901,158	4,320	3,856
27	39	98 048	38 730,062	850 564,227	21,961	21,497	77	89	24 024	1 699,157	6 840,648	4,026	3,562
28	40	97 940	37 379,184	811 834,165	21,719	21,255	78	90	20 087	1 372,653	5 141,491	3,746	3,282
29	41	97 833	36 075,594	774 454,982	21,468	21,004	79	91	16 365	1 080,539	3 768,838	3,488	3,024
30	42	97 713	34 812,917	738 379,387	21,210	20,746	80	92	12 975	827,690	2 688,300	3,248	2,784
31	43	97 582	33 590,780	703 566,471	20,945	20,481	81	93	9 948	613,173	1 860,609	3,034	2,570
32	44	97 439	32 407,190	669 975,690	20,674	20,210	82	94	7 375	439,215	1 247,436	2,840	2,376
33	45	97 287	31 262,569	637 568,500	20,394	19,930	83	95	5 289	304,296	808,221	2,656	2,192
34	46	97 115	30 151,736	606 305,931	20,108	19,644	84	96	3 632	201,933	503,925	2,496	2,031
35	47	96 931	29 077,165	576 154,196	19,815	19,351	85	97	2 383	128,014	301,992	2,359	1,895
36	48	96 732	28 036,192	547 077,030	19,513	19,049	86	98	1 510	78,340	173,978	2,221	1,757
37	49	96 500	27 023,127	519 040,838	19,207	18,743	87	99	910	45,633	95,638	2,096	1,632
38	50	96 242	26 039,330	492 017,711	18,895	18,431	88	100	521	25,220	50,005	1,983	1,519
39	51	95 967	25 086,868	465 978,380	18,575	18,111							
40	52	95 657	24 160,260	440 891,513	18,249	17,785							
41	53	95 328	23 262,963	416 731,253	17,914	17,450							
42	54	94 954	22 388,056	393 468,290	17,575	17,111							
43	55	94 558	21 540,880	371 080,234	17,227	16,763							
44	56	94 113	20 714,582	349 539,354	16,874	16,410							
45	57	93 633	19 911,826	328 824,773	16,514	16,050							
46	58	93 106	19 130,194	308 912,947	16,148	15,684							
47	59	92 526	18 368,171	289 782,753	15,776	15,312							
48	60	91 882	17 623,590	271 414,583	15,401	14,937							
49	61	91 171	16 895,867	253 790,993	15,021	14,557							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	2 613 919,931	26,243	25,779	50	63	89 842	16 086,557	231 075,523	14,365	13,900
1	14	99 261	95 903,915	2 514 314,271	26,217	25,753	51	64	88 948	15 387,890	214 988,966	13,971	13,507
2	15	99 227	92 629,848	2 418 410,356	26,108	25,644	52	65	87 973	14 704,575	199 601,076	13,574	13,110
3	16	99 203	89 475,172	2 325 780,508	25,994	25,530	53	66	86 920	14 037,149	184 896,500	13,172	12,708
4	17	99 178	86 428,144	2 236 305,336	25,875	25,411	54	67	85 769	13 383,002	170 859,351	12,767	12,303
5	18	99 154	83 485,100	2 149 877,192	25,752	25,288	55	68	84 541	12 745,281	157 476,349	12,356	11,892
6	19	99 129	80 641,509	2 066 392,092	25,624	25,160	56	69	83 203	12 119,312	144 731,068	11,942	11,478
7	20	99 104	77 894,681	1 985 750,583	25,493	25,029	57	70	81 721	11 500,970	132 611,756	11,530	11,066
8	21	99 078	75 240,929	1 907 855,902	25,357	24,893	58	71	80 125	10 895,002	121 110,786	11,116	10,652
9	22	99 054	72 678,671	1 832 614,973	25,215	24,751	59	72	78 408	10 300,969	110 215,784	10,700	10,236
10	23	99 029	70 203,521	1 759 936,302	25,069	24,605	60	73	76 565	9 718,664	99 914,815	10,281	9,817
11	24	99 005	67 813,345	1 689 732,781	24,917	24,453	61	74	74 564	9 144,649	90 196,150	9,863	9,399
12	25	98 982	65 504,849	1 621 919,436	24,760	24,296	62	75	72 432	8 582,785	81 051,501	9,443	8,979
13	26	98 954	63 271,803	1 556 414,587	24,599	24,135	63	76	70 140	8 030,196	72 468,716	9,025	8,561
14	27	98 927	61 115,601	1 493 142,784	24,431	23,967	64	77	67 698	7 488,514	64 438,520	8,605	8,141
15	28	98 895	59 029,211	1 432 027,183	24,260	23,796	65	78	65 144	6 962,268	56 950,006	8,180	7,716
16	29	98 856	57 010,619	1 372 997,971	24,083	23,619	66	79	62 399	6 443,348	49 987,738	7,758	7,294
17	30	98 809	55 056,539	1 315 987,352	23,902	23,438	67	80	59 460	5 932,299	43 544,390	7,340	6,876
18	31	98 754	53 165,501	1 260 930,814	23,717	23,253	68	81	56 326	5 429,605	37 612,092	6,927	6,463
19	32	98 684	51 331,271	1 207 765,313	23,529	23,065	69	82	52 989	4 935,118	32 182,486	6,521	6,057
20	33	98 611	49 558,765	1 156 434,042	23,335	22,871	70	83	49 433	4 448,309	27 247,369	6,125	5,661
21	34	98 536	47 846,344	1 106 875,276	23,134	22,670	71	84	45 653	3 969,249	22 799,059	5,744	5,280
22	35	98 459	46 192,012	1 059 028,932	22,927	22,463	72	85	41 675	3 500,858	18 829,811	5,379	4,915
23	36	98 372	44 590,422	1 012 836,921	22,714	22,250	73	86	37 590	3 050,853	15 328,953	5,024	4,560
24	37	98 283	43 043,895	968 246,498	22,494	22,030	74	87	33 393	2 618,575	12 278,100	4,689	4,225
25	38	98 189	41 548,264	925 202,604	22,268	21,804	75	88	29 145	2 208,235	9 659,525	4,374	3,910
26	39	98 091	40 103,286	883 654,339	22,034	21,570	76	89	24 958	1 827,046	7 451,290	4,078	3,614
27	40	97 984	38 704,862	843 551,053	21,794	21,330	77	90	20 929	1 480,295	5 624,244	3,799	3,335
28	41	97 878	37 355,518	804 846,191	21,546	21,082	78	91	17 132	1 170,712	4 143,949	3,540	3,076
29	42	97 761	36 049,153	767 490,673	21,290	20,826	79	92	13 650	901,247	2 973,237	3,299	2,835
30	43	97 634	34 784,828	731 441,520	21,028	20,564	80	93	10 536	672,129	2 071,990	3,083	2,619
31	44	97 495	33 560,693	696 656,692	20,758	20,294	81	94	7 865	484,739	1 399,861	2,888	2,424
32	45	97 347	32 376,538	663 095,999	20,481	20,017	82	95	5 683	338,434	915,122	2,704	2,240
33	46	97 183	31 228,941	630 719,461	20,197	19,733	83	96	3 944	226,928	576,688	2,541	2,077
34	47	97 000	30 116,030	599 490,520	19,906	19,442	84	97	2 618	145,531	349,760	2,403	1,939
35	48	96 805	29 039,383	569 374,490	19,607	19,143	85	98	1 681	90,283	204,230	2,262	1,798
36	49	96 586	27 993,658	540 335,106	19,302	18,838	86	99	1 028	53,348	113,947	2,136	1,672
37	50	96 338	26 977,619	512 341,448	18,991	18,527	87	100	598	29,969	60,599	2,022	1,558
38	51	96 064	25 991,316	485 363,830	18,674	18,210							
39	52	95 767	25 034,775	459 372,513	18,349	17,885							
40	53	95 446	24 107,000	434 337,738	18,017	17,553							
41	54	95 091	23 205,304	410 230,738	17,678	17,214							
42	55	94 692	22 326,393	387 025,435	17,335	16,871							
43	56	94 264	21 473,836	364 699,041	16,983	16,519							
44	57	93 795	20 644,534	343 225,205	16,625	16,161							
45	58	93 281	19 837,031	322 580,671	16,262	15,798							
46	59	92 717	19 050,352	302 743,640	15,892	15,428							
47	60	92 097	18 283,044	283 693,288	15,517	15,053							
48	61	91 411	17 533,237	265 410,244	15,138	14,674							
49	62	90 662	16 801,484	247 877,007	14,753	14,289							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	2 606 131,442	26,167	25,703	50	64	89 235	15 977,809	225 002,295	14,082	13,618
1	15	99 251	95 895,068	2 506 533,654	26,138	25,674	51	65	88 289	15 273,884	209 024,486	13,685	13,221
2	16	99 216	92 619,124	2 410 638,586	26,027	25,563	52	66	87 268	14 586,737	193 750,602	13,283	12,819
3	17	99 190	89 463,734	2 318 019,462	25,910	25,446	53	67	86 158	13 914,215	179 163,864	12,876	12,412
4	18	99 165	86 416,938	2 228 555,729	25,788	25,324	54	68	84 967	13 257,765	165 249,649	12,464	12,000
5	19	99 138	83 471,548	2 142 138,790	25,663	25,199	55	69	83 679	12 615,228	151 991,884	12,048	11,584
6	20	99 113	80 628,254	2 058 667,242	25,533	25,069	56	70	82 242	11 979,379	139 376,656	11,635	11,171
7	21	99 088	77 881,931	1 978 038,988	25,398	24,934	57	71	80 695	11 356,613	127 397,277	11,218	10,754
8	22	99 061	75 228,154	1 900 157,057	25,259	24,795	58	72	79 018	10 744,493	116 040,664	10,800	10,336
9	23	99 037	72 666,477	1 824 928,903	25,114	24,650	59	73	77 236	10 146,991	105 296,171	10,377	9,913
10	24	99 013	70 192,039	1 752 262,426	24,964	24,500	60	74	75 283	9 556,012	95 149,180	9,957	9,493
11	25	98 989	67 802,205	1 682 070,387	24,808	24,344	61	75	73 207	8 978,289	85 593,168	9,533	9,069
12	26	98 963	65 492,114	1 614 268,182	24,648	24,184	62	76	70 975	8 410,099	76 614,879	9,110	8,646
13	27	98 937	63 260,526	1 548 776,068	24,483	24,018	63	77	68 587	7 852,337	68 204,780	8,686	8,222
14	28	98 907	61 102,782	1 485 515,542	24,312	23,848	64	78	66 078	7 309,251	60 352,443	8,257	7,793
15	29	98 871	59 015,163	1 424 412,760	24,136	23,672	65	79	63 371	6 772,842	53 043,192	7,832	7,368
16	30	98 831	56 996,551	1 365 397,597	23,956	23,492	66	80	60 476	6 244,839	46 270,350	7,409	6,945
17	31	98 781	55 040,969	1 308 401,046	23,771	23,307	67	81	57 364	5 723,117	40 025,511	6,994	6,530
18	32	98 723	53 148,381	1 253 360,077	23,582	23,118	68	82	54 050	5 210,166	34 302,395	6,584	6,120
19	33	98 651	51 314,029	1 200 211,696	23,390	22,926	69	83	50 498	4 703,156	29 092,228	6,186	5,722
20	34	98 577	49 541,409	1 148 897,667	23,191	22,727	70	84	46 705	4 202,781	24 389,073	5,803	5,339
21	35	98 499	47 828,076	1 099 356,258	22,986	22,522	71	85	42 741	3 716,058	20 186,291	5,432	4,968
22	36	98 413	46 170,443	1 051 528,182	22,775	22,311	72	86	38 604	3 242,867	16 470,233	5,079	4,615
23	37	98 325	44 569,159	1 005 357,739	22,557	22,093	73	87	34 384	2 790,681	13 227,367	4,740	4,276
24	38	98 234	43 022,160	960 788,580	22,332	21,868	74	88	30 084	2 359,088	10 436,686	4,424	3,960
25	39	98 134	41 525,242	917 766,420	22,101	21,637	75	89	25 843	1 958,033	8 077,598	4,125	3,661
26	40	98 027	40 077,193	876 241,177	21,864	21,400	76	90	21 744	1 591,711	6 119,565	3,845	3,381
27	41	97 922	38 680,357	836 163,984	21,617	21,153	77	91	17 850	1 262,518	4 527,854	3,586	3,122
28	42	97 806	37 328,139	797 483,627	21,364	20,900	78	92	14 289	976,458	3 265,336	3,344	2,880
29	43	97 682	36 020,067	760 155,489	21,104	20,640	79	93	11 085	731,861	2 288,878	3,127	2,663
30	44	97 546	34 753,671	724 135,422	20,836	20,372	80	94	8 329	531,346	1 557,017	2,930	2,466
31	45	97 403	33 528,950	689 381,751	20,561	20,097	81	95	6 060	373,512	1 025,671	2,746	2,282
32	46	97 242	32 341,711	655 852,801	20,279	19,815	82	96	4 238	252,386	652,158	2,584	2,120
33	47	97 068	31 191,960	623 511,089	19,989	19,525	83	97	2 842	163,544	399,772	2,444	1,980
34	48	96 873	30 076,899	592 319,129	19,693	19,229	84	98	1 846	102,637	236,228	2,302	1,838
35	49	96 659	28 995,327	562 242,231	19,391	18,927	85	99	1 145	61,480	133,591	2,173	1,709
36	50	96 423	27 946,515	533 246,903	19,081	18,617	86	100	675	35,036	72,111	2,058	1,594
37	51	96 160	26 927,875	505 300,388	18,765	18,301							
38	52	95 865	25 937,345	478 372,514	18,443	17,979							
39	53	95 556	24 979,588	452 435,168	18,112	17,648							
40	54	95 209	24 047,249	427 455,581	17,776	17,312							
41	55	94 830	23 141,390	403 408,332	17,432	16,968							
42	56	94 397	22 256,905	380 266,942	17,085	16,621							
43	57	93 945	21 401,221	358 010,037	16,728	16,264							
44	58	93 443	20 566,987	336 608,816	16,366	15,902							
45	59	92 892	19 754,240	316 041,829	15,999	15,535							
46	60	92 287	18 962,064	296 287,590	15,625	15,161							
47	61	91 625	18 189,310	277 325,525	15,247	14,783							
48	62	90 900	17 435,293	259 136,215	14,863	14,399							
49	63	90 107	16 698,627	241 700,922	14,474	14,010							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	2 597 927,301	26,087	25,623	50	65	88 574	15 859,432	218 680,224	13,789	13,325
1	16	99 240	95 883,966	2 498 338,701	26,056	25,592	51	66	87 582	15 151,484	202 820,792	13,386	12,922
2	17	99 203	92 607,283	2 402 454,735	25,942	25,478	52	67	86 504	14 458,990	187 669,307	12,979	12,515
3	18	99 177	89 452,135	2 309 847,452	25,822	25,358	53	68	85 352	13 784,007	173 210,317	12,566	12,102
4	19	99 149	86 402,911	2 220 395,317	25,698	25,234	54	69	84 100	13 122,483	159 426,310	12,149	11,685
5	20	99 122	83 457,828	2 133 992,406	25,570	25,106	55	70	82 712	12 469,569	146 303,827	11,733	11,269
6	21	99 096	80 615,057	2 050 534,578	25,436	24,972	56	71	81 210	11 829,017	133 834,258	11,314	10,850
7	22	99 071	77 868,707	1 969 919,521	25,298	24,834	57	72	79 581	11 199,727	122 005,241	10,894	10,430
8	23	99 044	75 215,532	1 892 050,814	25,155	24,691	58	73	77 837	10 583,885	110 805,514	10,469	10,005
9	24	99 021	72 654,592	1 816 835,282	25,006	24,542	59	74	75 943	9 977,171	100 221,629	10,045	9,581
10	25	98 997	70 180,508	1 744 180,690	24,853	24,389	60	75	73 914	9 382,168	90 244,458	9,619	9,155
11	26	98 970	67 789,023	1 674 000,182	24,694	24,230	61	76	71 734	8 797,646	80 862,290	9,191	8,727
12	27	98 945	65 480,441	1 606 211,159	24,530	24,066	62	77	69 403	8 223,826	72 064,644	8,763	8,299
13	28	98 916	63 247,257	1 540 730,718	24,360	23,896	63	78	66 945	7 664,364	63 840,819	8,330	7,866
14	29	98 883	61 088,240	1 477 483,461	24,186	23,722	64	79	64 280	7 110,384	56 176,455	7,901	7,437
15	30	98 847	59 000,600	1 416 395,220	24,006	23,542	65	80	61 419	6 564,182	49 066,071	7,475	7,011
16	31	98 803	56 980,433	1 357 394,620	23,822	23,358	66	81	58 344	6 024,636	42 501,889	7,055	6,591
17	32	98 749	55 023,246	1 300 414,187	23,634	23,170	67	82	55 045	5 491,815	36 477,252	6,642	6,178
18	33	98 689	53 130,528	1 245 390,941	23,440	22,976	68	83	51 509	4 965,276	30 985,437	6,240	5,776
19	34	98 617	51 296,057	1 192 260,413	23,243	22,779	69	84	47 711	4 443,561	26 020,161	5,856	5,392
20	35	98 539	49 522,494	1 140 964,356	23,039	22,575	70	85	43 726	3 934,694	21 576,600	5,484	5,020
21	36	98 453	47 805,744	1 091 441,862	22,831	22,367	71	86	39 591	3 442,208	17 641,905	5,125	4,661
22	37	98 366	46 148,426	1 043 636,118	22,615	22,151	72	87	35 312	2 966,320	14 199,697	4,787	4,323
23	38	98 275	44 546,654	997 487,692	22,392	21,928	73	88	30 977	2 514,139	11 233,378	4,468	4,004
24	39	98 179	42 998,322	952 941,037	22,162	21,698	74	89	26 675	2 091,794	8 719,239	4,168	3,704
25	40	98 070	41 498,224	909 942,716	21,927	21,463	75	90	22 514	1 705,826	6 627,445	3,885	3,421
26	41	97 965	40 051,819	868 444,492	21,683	21,219	76	91	18 545	1 357,543	4 921,619	3,625	3,161
27	42	97 850	38 652,007	828 392,673	21,432	20,968	77	92	14 888	1 053,031	3 564,076	3,385	2,921
28	43	97 727	37 298,027	789 740,666	21,174	20,710	78	93	11 603	792,937	2 511,045	3,167	2,703
29	44	97 595	35 987,804	752 442,646	20,908	20,444	79	94	8 763	578,567	1 718,108	2,970	2,506
30	45	97 454	34 720,799	716 454,842	20,635	20,171	80	95	6 418	409,425	1 139,542	2,783	2,319
31	46	97 298	33 492,884	681 734,043	20,355	19,891	81	96	4 519	278,545	730,116	2,621	2,157
32	47	97 127	32 303,413	648 241,159	20,067	19,603	82	97	3 054	181,891	451,571	2,483	2,019
33	48	96 941	31 151,430	615 937,746	19,772	19,308	83	98	2 005	115,341	269,680	2,338	1,874
34	49	96 727	30 031,269	584 786,316	19,473	19,009	84	99	1 257	69,893	154,339	2,208	1,744
35	50	96 496	28 946,497	554 755,047	19,165	18,701	85	100	752	40,377	84,445	2,091	1,627
36	51	96 245	27 894,985	525 808,550	18,850	18,386							
37	52	95 960	26 871,959	497 913,565	18,529	18,065							
38	53	95 653	25 880,168	471 041,607	18,201	17,737							
39	54	95 319	24 917,674	445 161,438	17,865	17,401							
40	55	94 947	23 981,016	420 243,764	17,524	17,060							
41	56	94 534	23 069,365	396 262,748	17,177	16,713							
42	57	94 078	22 181,641	373 193,383	16,824	16,360							
43	58	93 592	21 320,831	351 011,741	16,463	15,999							
44	59	93 053	20 481,149	329 690,910	16,097	15,633							
45	60	92 461	19 662,689	309 209,761	15,726	15,262							
46	61	91 814	18 864,849	289 547,072	15,348	14,884							
47	62	91 113	18 087,702	270 682,222	14,965	14,501							
48	63	90 344	17 328,556	252 594,521	14,577	14,113							
49	64	89 498	16 585,741	235 265,965	14,185	13,721							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	2 589 297,930	26,003	25,539	50	66	87 864	15 732,340	212 114,409	13,483	13,019
1	17	99 227	95 871,708	2 489 720,860	25,969	25,505	51	67	86 815	15 018,791	196 382,069	13,076	12,612
2	18	99 190	92 595,277	2 393 849,152	25,853	25,389	52	68	85 694	14 323,684	181 363,278	12,662	12,198
3	19	99 161	89 437,615	2 301 253,875	25,730	25,266	53	69	84 481	13 643,355	167 039,594	12,243	11,779
4	20	99 133	86 388,709	2 211 816,261	25,603	25,139	54	70	83 129	12 970,967	153 396,238	11,826	11,362
5	21	99 105	83 444,168	2 125 427,551	25,471	25,007	55	71	81 674	12 313,054	140 425,272	11,405	10,941
6	22	99 080	80 601,369	2 041 983,384	25,334	24,870	56	72	80 088	11 665,605	128 112,218	10,982	10,518
7	23	99 054	77 855,642	1 961 382,015	25,193	24,729	57	73	78 391	11 032,315	116 446,613	10,555	10,091
8	24	99 028	75 202,300	1 883 526,373	25,046	24,582	58	74	76 534	10 406,753	105 414,298	10,129	9,665
9	25	99 004	72 642,657	1 808 323,143	24,893	24,429	59	75	74 561	9 795,665	95 007,545	9,699	9,235
10	26	98 977	70 166,864	1 735 680,486	24,736	24,272	60	76	72 426	9 193,399	85 211,880	9,269	8,805
11	27	98 952	67 776,941	1 665 513,622	24,573	24,109	61	77	70 146	8 602,788	76 018,481	8,836	8,372
12	28	98 925	65 466,707	1 597 736,681	24,405	23,941	62	78	67 741	8 026,960	67 415,693	8,399	7,935
13	29	98 892	63 232,205	1 532 269,974	24,232	23,768	63	79	65 124	7 455,836	59 388,733	7,965	7,501
14	30	98 859	61 073,166	1 469 037,770	24,054	23,590	64	80	62 300	6 891,325	51 932,897	7,536	7,072
15	31	98 819	58 983,916	1 407 964,604	23,870	23,406	65	81	59 253	6 332,719	45 041,572	7,113	6,648
16	32	98 771	56 962,085	1 348 980,688	23,682	23,218	66	82	55 986	5 781,149	38 708,853	6,696	6,232
17	33	98 716	55 004,763	1 292 018,603	23,489	23,025	67	83	52 458	5 233,687	32 927,704	6,291	5,827
18	34	98 655	53 111,921	1 237 013,840	23,291	22,827	68	84	48 666	4 691,214	27 694,017	5,903	5,439
19	35	98 579	51 276,473	1 183 901,919	23,089	22,625	69	85	44 667	4 160,115	23 002,803	5,529	5,065
20	36	98 493	49 499,370	1 132 625,447	22,882	22,418	70	86	40 503	3 644,732	18 842,688	5,170	4,706
21	37	98 406	47 782,947	1 083 126,077	22,668	22,204	71	87	36 215	3 148,662	15 197,956	4,827	4,363
22	38	98 316	46 125,124	1 035 343,129	22,446	21,982	72	88	31 813	2 672,373	12 049,295	4,509	4,045
23	39	98 221	44 521,971	989 218,005	22,219	21,755	73	89	27 467	2 229,277	9 376,922	4,206	3,742
24	40	98 115	42 970,345	944 696,034	21,985	21,521	74	90	23 239	1 822,358	7 147,645	3,922	3,458
25	41	98 008	41 471,950	901 725,689	21,743	21,279	75	91	19 202	1 454,870	5 325,287	3,660	3,196
26	42	97 893	40 022,463	860 253,739	21,494	21,030	76	92	15 468	1 132,288	3 870,417	3,418	2,954
27	43	97 771	38 620,820	820 231,275	21,238	20,774	77	93	12 090	855,118	2 738,129	3,202	2,738
28	44	97 640	37 264,613	781 610,455	20,975	20,511	78	94	9 173	626,849	1 883,010	3,004	2,540
29	45	97 502	35 953,765	744 345,843	20,703	20,239	79	95	6 752	445,811	1 256,161	2,818	2,354
30	46	97 349	34 683,451	708 392,078	20,424	19,960	80	96	4 786	305,327	810,351	2,654	2,190
31	47	97 183	33 453,222	673 708,627	20,139	19,675	81	97	3 257	200,744	505,023	2,516	2,052
32	48	97 001	32 261,439	640 255,404	19,846	19,382	82	98	2 154	128,281	304,279	2,372	1,908
33	49	96 794	31 104,170	607 993,966	19,547	19,083	83	99	1 365	78,544	175,998	2,241	1,777
34	50	96 564	29 980,694	576 889,795	19,242	18,778	84	100	826	45,902	97,454	2,123	1,659
35	51	96 318	28 893,123	546 909,102	18,929	18,465							
36	52	96 045	27 837,060	518 015,979	18,609	18,145							
37	53	95 749	26 812,721	490 178,918	18,282	17,818							
38	54	95 416	25 816,022	463 366,197	17,949	17,485							
39	55	95 057	24 849,044	437 550,174	17,608	17,144							
40	56	94 652	23 906,378	412 701,131	17,263	16,799							
41	57	94 215	22 991,354	388 794,752	16,910	16,446							
42	58	93 725	22 098,321	365 803,398	16,553	16,089							
43	59	93 201	21 231,847	343 705,077	16,188	15,724							
44	60	92 622	20 386,230	322 473,230	15,818	15,354							
45	61	91 987	19 561,883	302 087,000	15,443	14,979							
46	62	91 301	18 759,467	282 525,118	15,060	14,596							
47	63	90 555	17 976,970	263 765,651	14,672	14,208							
48	64	89 733	17 211,411	245 788,681	14,281	13,817							
49	65	88 835	16 462,861	228 577,269	13,884	13,420							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	2 580 234,604	25,915	25,451	50	67	87 094	15 594,560	205 309,318	13,165	12,701
1	18	99 214	95 859,278	2 480 670,263	25,878	25,414	51	68	86 002	14 878,246	189 714,758	12,751	12,287
2	19	99 174	92 580,246	2 384 810,985	25,759	25,295	52	69	84 820	14 177,526	174 836,512	12,332	11,868
3	20	99 145	89 422,914	2 292 230,739	25,634	25,170	53	70	83 506	13 485,825	160 658,987	11,913	11,449
4	21	99 117	86 374,569	2 202 807,825	25,503	25,039	54	71	82 085	12 808,158	147 173,162	11,491	11,027
5	22	99 089	83 429,999	2 116 433,256	25,368	24,904	55	72	80 546	12 142,955	134 365,003	11,065	10,601
6	23	99 063	80 587,846	2 033 003,257	25,227	24,763	56	73	78 891	11 491,229	122 222,048	10,636	10,172
7	24	99 038	77 842,908	1 952 415,411	25,081	24,617	57	74	77 079	10 847,677	110 730,819	10,208	9,744
8	25	99 012	75 190,876	1 874 572,503	24,931	24,467	58	75	75 142	10 217,432	99 883,142	9,776	9,312
9	26	98 985	72 628,534	1 799 381,626	24,775	24,311	59	76	73 061	9 598,576	89 665,710	9,342	8,878
10	27	98 960	70 154,358	1 726 753,092	24,614	24,150	60	77	70 822	8 989,776	80 067,133	8,906	8,442
11	28	98 932	67 762,725	1 656 598,735	24,447	23,983	61	78	68 466	8 396,851	71 077,357	8,465	8,001
12	29	98 901	65 451,126	1 588 836,010	24,275	23,811	62	79	65 898	7 808,567	62 680,506	8,027	7,563
13	30	98 868	63 216,601	1 523 384,884	24,098	23,634	63	80	63 117	7 226,133	54 871,940	7,594	7,130
14	31	98 831	61 055,895	1 460 168,282	23,915	23,451	64	81	60 103	6 648,326	47 645,806	7,167	6,703
15	32	98 787	58 964,922	1 399 112,387	23,728	23,264	65	82	56 859	6 076,780	40 997,480	6,747	6,283
16	33	98 738	56 942,951	1 340 147,464	23,535	23,071	66	83	53 354	5 509,422	34 920,700	6,338	5,874
17	34	98 681	54 985,499	1 283 204,513	23,337	22,873	67	84	49 562	4 944,810	29 411,278	5,948	5,484
18	35	98 617	53 091,643	1 228 219,014	23,134	22,670	68	85	45 562	4 391,971	24 466,468	5,571	5,107
19	36	98 533	51 252,530	1 175 127,371	22,928	22,464	69	86	41 376	3 853,541	20 074,498	5,209	4,745
20	37	98 446	49 475,766	1 123 874,842	22,716	22,252	70	87	37 049	3 333,915	16 220,957	4,865	4,401
21	38	98 356	47 758,820	1 074 399,076	22,496	22,032	71	88	32 626	2 836,646	12 887,043	4,543	4,079
22	39	98 262	46 099,566	1 026 640,256	22,270	21,806	72	89	28 208	2 369,582	10 050,397	4,241	3,777
23	40	98 157	44 493,003	980 540,690	22,038	21,574	73	90	23 929	1 942,132	7 680,815	3,955	3,491
24	41	98 053	42 943,139	936 047,687	21,797	21,333	74	91	19 820	1 554,258	5 738,683	3,692	3,228
25	42	97 937	41 441,554	893 104,548	21,551	21,087	75	92	16 016	1 213,466	4 184,425	3,448	2,984
26	43	97 814	39 990,171	851 662,994	21,297	20,833	76	93	12 561	919,480	2 970,959	3,231	2,767
27	44	97 684	38 586,228	811 672,823	21,035	20,571	77	94	9 558	676,006	2 051,479	3,035	2,571
28	45	97 547	37 229,366	773 086,595	20,766	20,301	78	95	7 068	483,015	1 375,473	2,848	2,384
29	46	97 397	35 915,090	735 857,229	20,489	20,025	79	96	5 035	332,462	892,458	2,684	2,220
30	47	97 234	34 642,380	699 942,139	20,205	19,741	80	97	3 449	220,046	559,997	2,545	2,081
31	48	97 056	33 409,754	665 299,759	19,913	19,449	81	98	2 297	141,577	339,951	2,401	1,937
32	49	96 854	32 212,495	631 890,005	19,616	19,152	82	99	1 467	87,356	198,374	2,271	1,807
33	50	96 631	31 051,789	599 677,510	19,312	18,848	83	100	897	51,584	111,018	2,152	1,688
34	51	96 386	29 925,413	568 625,722	19,001	18,537							
35	52	96 118	28 833,126	538 700,309	18,683	18,219							
36	53	95 834	27 775,696	509 867,183	18,357	17,893							
37	54	95 512	26 746,264	482 091,487	18,025	17,561							
38	55	95 154	25 744,918	455 345,223	17,687	17,223							
39	56	94 761	24 771,704	429 600,305	17,342	16,878							
40	57	94 331	23 825,537	404 828,601	16,991	16,527							
41	58	93 861	22 904,992	381 003,064	16,634	16,170							
42	59	93 334	22 006,092	358 098,072	16,273	15,809							
43	60	92 770	21 133,449	336 091,980	15,903	15,439							
44	61	92 147	20 281,714	314 958,531	15,529	15,065							
45	62	91 473	19 452,606	294 676,818	15,148	14,684							
46	63	90 742	18 644,623	275 224,211	14,762	14,298							
47	64	89 943	17 855,443	256 579,588	14,370	13,906							
48	65	89 068	17 083,896	238 724,146	13,974	13,510							
49	66	88 123	16 330,932	221 640,250	13,572	13,108							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	2 570 727,208	25,823	25,359	50	68	86 279	15 448,627	198 271,734	12,834	12,370
1	19	99 198	95 843,718	2 471 175,777	25,783	25,319	51	69	85 125	14 726,429	182 823,107	12,415	11,951
2	20	99 158	92 565,029	2 375 332,058	25,661	25,197	52	70	83 841	14 013,828	168 096,678	11,995	11,531
3	21	99 129	89 408,277	2 282 767,029	25,532	25,068	53	71	82 458	13 316,554	154 082,851	11,571	11,107
4	22	99 100	86 359,903	2 193 358,752	25,398	24,934	54	72	80 951	12 631,220	140 766,296	11,144	10,680
5	23	99 072	83 416,001	2 106 998,849	25,259	24,795	55	73	79 342	11 961,444	128 135,076	10,712	10,248
6	24	99 047	80 574,665	2 023 582,848	25,114	24,650	56	74	77 570	11 298,911	116 173,633	10,282	9,818
7	25	99 022	77 830,121	1 943 008,183	24,965	24,501	57	75	75 677	10 650,335	104 874,722	9,847	9,383
8	26	98 993	75 176,258	1 865 178,062	24,811	24,347	58	76	73 630	10 011,857	94 224,386	9,411	8,947
9	27	98 968	72 615,589	1 790 001,804	24,650	24,186	59	77	71 443	9 385,979	84 212,529	8,972	8,508
10	28	98 939	70 139,643	1 717 386,215	24,485	24,021	60	78	69 127	8 774,575	74 826,550	8,528	8,064
11	29	98 908	67 746,598	1 647 246,572	24,315	23,851	61	79	66 604	8 168,394	66 051,975	8,086	7,622
12	30	98 877	65 434,975	1 579 499,974	24,138	23,674	62	80	63 868	7 567,997	57 883,581	7,648	7,184
13	31	98 840	63 198,725	1 514 064,999	23,957	23,493	63	81	60 892	6 971,329	50 315,584	7,218	6,753
14	32	98 799	61 036,235	1 450 866,274	23,771	23,307	64	82	57 674	6 379,632	43 344,255	6,794	6,330
15	33	98 754	58 945,116	1 389 830,039	23,578	23,114	65	83	54 186	5 791,158	36 964,622	6,383	5,919
16	34	98 704	56 923,008	1 330 884,924	23,380	22,916	66	84	50 409	5 205,324	31 173,465	5,989	5,525
17	35	98 643	54 964,506	1 273 961,915	23,178	22,714	67	85	46 401	4 629,390	25 968,140	5,609	5,145
18	36	98 571	53 066,852	1 218 997,409	22,971	22,507	68	86	42 204	4 068,310	21 338,750	5,245	4,781
19	37	98 486	51 228,090	1 165 930,557	22,760	22,296	69	87	37 847	3 524,916	17 270,441	4,900	4,436
20	38	98 397	49 450,784	1 114 702,468	22,542	22,078	70	88	33 378	3 003,541	13 745,524	4,576	4,112
21	39	98 302	47 732,357	1 065 251,684	22,317	21,853	71	89	28 930	2 515,242	10 741,983	4,271	3,807
22	40	98 198	46 069,572	1 017 519,327	22,087	21,623	72	90	24 575	2 064,365	8 226,741	3,985	3,521
23	41	98 095	44 464,833	971 449,755	21,848	21,384	73	91	20 409	1 656,411	6 162,376	3,720	3,256
24	42	97 981	42 911,664	926 984,922	21,602	21,138	74	92	16 532	1 296,363	4 505,964	3,476	3,012
25	43	97 858	41 408,116	884 073,258	21,350	20,886	75	93	13 006	985,400	3 209,602	3,257	2,793
26	44	97 727	39 954,352	842 665,142	21,091	20,627	76	94	9 930	726,886	2 224,201	3,060	2,596
27	45	97 591	38 549,731	802 710,789	20,823	20,359	77	95	7 365	520,892	1 497,315	2,875	2,410
28	46	97 442	37 189,320	764 161,058	20,548	20,084	78	96	5 271	360,206	976,423	2,711	2,247
29	47	97 282	35 872,560	726 971,739	20,265	19,801	79	97	3 629	239,601	616,216	2,572	2,108
30	48	97 108	34 597,367	691 099,178	19,975	19,511	80	98	2 433	155,189	376,615	2,427	1,963
31	49	96 909	33 359,068	656 501,812	19,680	19,216	81	99	1 564	96,410	221,426	2,297	1,833
32	50	96 690	32 158,247	623 142,744	19,377	18,913	82	100	963	57,371	125,016	2,179	1,715
33	51	96 453	30 994,532	590 984,497	19,067	18,603							
34	52	96 185	29 863,272	559 989,965	18,752	18,288							
35	53	95 906	28 769,566	530 126,693	18,427	17,963							
36	54	95 596	27 706,852	501 357,127	18,095	17,631							
37	55	95 249	26 672,598	473 650,275	17,758	17,294							
38	56	94 857	25 664,790	446 977,678	17,416	16,952							
39	57	94 441	24 687,936	421 312,888	17,066	16,602							
40	58	93 977	23 736,041	396 624,951	16,710	16,246							
41	59	93 469	22 809,396	372 888,910	16,348	15,884							
42	60	92 901	21 904,105	350 079,514	15,982	15,518							
43	61	92 294	21 025,102	328 175,409	15,609	15,145							
44	62	91 632	20 168,416	307 150,307	15,229	14,765							
45	63	90 913	19 333,519	286 981,891	14,844	14,380							
46	64	90 129	18 518,582	267 648,371	14,453	13,989							
47	65	89 277	17 723,155	249 129,790	14,057	13,593							
48	66	88 355	16 946,990	231 406,635	13,655	13,191							
49	67	87 351	16 187,910	214 459,644	13,248	12,784							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	2 560 764,289	25,727	25,263	50	69	85 399	15 290,990	191 006,142	12,491	12,027
1	20	99 182	95 827,964	2 461 229,017	25,684	25,220	51	70	84 142	14 556,393	175 715,152	12,071	11,607
2	21	99 142	92 549,878	2 365 401,052	25,558	25,094	52	71	82 788	13 837,929	161 158,759	11,646	11,182
3	22	99 112	89 393,096	2 272 851,174	25,425	24,961	53	72	81 318	13 132,593	147 320,829	11,218	10,754
4	23	99 083	86 345,413	2 183 458,078	25,287	24,823	54	73	79 741	12 442,410	134 188,237	10,785	10,321
5	24	99 056	83 402,358	2 097 112,665	25,145	24,681	55	74	78 014	11 761,256	121 745,826	10,351	9,887
6	25	99 031	80 561,429	2 013 710,307	24,996	24,532	56	75	76 159	11 093,360	109 984,570	9,914	9,450
7	26	99 002	77 814,989	1 933 148,878	24,843	24,379	57	76	74 154	10 436,051	98 891,210	9,476	9,012
8	27	98 975	75 162,859	1 855 333,888	24,684	24,220	58	77	71 999	9 790,106	88 455,160	9,035	8,571
9	28	98 947	72 600,358	1 780 171,029	24,520	24,056	59	78	69 733	9 161,294	78 665,053	8,587	8,123
10	29	98 915	70 122,950	1 707 570,671	24,351	23,887	60	79	67 246	8 535,841	69 503,760	8,143	7,679
11	30	98 884	67 729,880	1 637 447,721	24,176	23,712	61	80	64 552	7 916,739	60 967,919	7,701	7,237
12	31	98 849	65 416,471	1 569 717,840	23,996	23,532	62	81	61 616	7 301,138	53 051,180	7,266	6,802
13	32	98 808	63 178,374	1 504 301,369	23,810	23,346	63	82	58 431	6 689,581	45 750,042	6,839	6,375
14	33	98 766	61 015,733	1 441 122,995	23,619	23,155	64	83	54 963	6 079,775	39 060,461	6,425	5,961
15	34	98 719	58 924,472	1 380 107,262	23,422	22,958	65	84	51 195	5 471,510	32 980,686	6,028	5,564
16	35	98 666	56 901,275	1 321 182,791	23,219	22,755	66	85	47 194	4 873,287	27 509,176	5,645	5,181
17	36	98 597	54 938,841	1 264 281,516	23,013	22,549	67	86	42 982	4 288,233	22 635,889	5,279	4,815
18	37	98 524	53 041,547	1 209 342,675	22,800	22,336	68	87	38 605	3 721,370	18 347,656	4,930	4,466
19	38	98 436	51 202,223	1 156 301,128	22,583	22,119	69	88	34 097	3 175,616	14 626,286	4,606	4,142
20	39	98 342	49 423,383	1 105 098,905	22,360	21,896	70	89	29 596	2 663,228	11 450,670	4,300	3,836
21	40	98 238	47 701,300	1 055 675,522	22,131	21,667	71	90	25 203	2 191,263	8 787,443	4,010	3,546
22	41	98 136	46 040,404	1 007 974,222	21,893	21,429	72	91	20 960	1 760,662	6 596,179	3,746	3,282
23	42	98 023	44 432,243	961 933,818	21,649	21,185	73	92	17 022	1 381,566	4 835,517	3,500	3,036
24	43	97 902	42 877,041	917 501,576	21,398	20,934	74	93	13 424	1 052,717	3 453,951	3,281	2,817
25	44	97 770	41 371,027	874 624,535	21,141	20,677	75	94	10 282	779,000	2 401,234	3,082	2,618
26	45	97 634	39 916,561	833 253,507	20,875	20,411	76	95	7 651	560,098	1 622,235	2,896	2,432
27	46	97 486	38 508,265	793 336,946	20,602	20,138	77	96	5 492	388,453	1 062,137	2,734	2,270
28	47	97 327	37 145,280	754 828,681	20,321	19,857	78	97	3 799	259,596	673,684	2,595	2,131
29	48	97 156	35 825,949	717 683,401	20,033	19,568	79	98	2 559	168,981	414,088	2,451	1,986
30	49	96 960	34 544,879	681 857,452	19,738	19,274	80	99	1 657	105,680	245,107	2,319	1,855
31	50	96 746	33 302,889	647 312,574	19,437	18,973	81	100	1 027	63,317	139,427	2,202	1,738
32	51	96 512	32 098,950	614 009,685	19,129	18,665							
33	52	96 253	30 930,172	581 910,734	18,814	18,350							
34	53	95 973	29 797,441	550 980,563	18,491	18,027							
35	54	95 668	28 698,258	521 183,122	18,161	17,697							
36	55	95 333	27 630,539	492 484,863	17,824	17,360							
37	56	94 952	26 589,582	464 854,324	17,483	17,019							
38	57	94 537	25 578,002	438 264,742	17,134	16,670							
39	58	94 086	24 595,201	412 686,739	16,779	16,315							
40	59	93 585	23 636,977	388 091,538	16,419	15,955							
41	60	93 036	22 703,687	364 454,561	16,053	15,589							
42	61	92 425	21 791,807	341 750,874	15,683	15,219							
43	62	91 778	20 907,652	319 959,067	15,303	14,839							
44	63	91 071	20 044,947	299 051,415	14,919	14,455							
45	64	90 299	19 202,821	279 006,468	14,529	14,065							
46	65	89 461	18 381,381	259 803,647	14,134	13,670							
47	66	88 561	17 581,127	241 422,266	13,732	13,268							
48	67	87 581	16 798,573	223 841,139	13,325	12,861							
49	68	86 534	16 036,424	207 042,566	12,911	12,447							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	2 550 337,244	25,627	25,163	50	70	84 413	15 114,435	183 520,943	12,142	11,678
1	21	99 166	95 812,279	2 450 818,332	25,579	25,115	51	71	83 086	14 373,685	168 406,508	11,716	11,252
2	22	99 125	92 534,163	2 355 006,053	25,450	24,986	52	72	81 645	13 646,765	154 032,823	11,287	10,823
3	23	99 095	89 378,098	2 262 471,889	25,313	24,849	53	73	80 103	12 936,288	140 386,057	10,852	10,388
4	24	99 067	86 331,291	2 173 093,792	25,172	24,708	54	74	78 407	12 234,173	127 449,769	10,418	9,953
5	25	99 040	83 388,658	2 086 762,501	25,025	24,561	55	75	76 595	11 547,294	115 215,596	9,978	9,514
6	26	99 011	80 545,767	2 003 373,843	24,872	24,408	56	76	74 627	10 870,162	103 668,302	9,537	9,073
7	27	98 985	77 801,120	1 922 828,076	24,715	24,251	57	77	72 512	10 204,904	92 798,140	9,093	8,629
8	28	98 954	75 147,094	1 845 026,957	24,552	24,088	58	78	70 276	9 555,747	82 593,236	8,643	8,179
9	29	98 923	72 583,080	1 769 879,863	24,384	23,920	59	79	67 836	8 912,038	73 037,489	8,195	7,731
10	30	98 891	70 105,647	1 697 296,783	24,211	23,747	60	80	65 174	8 272,865	64 125,451	7,751	7,287
11	31	98 856	67 710,727	1 627 191,136	24,032	23,567	61	81	62 276	7 637,582	55 852,586	7,313	6,849
12	32	98 817	65 395,407	1 559 480,409	23,847	23,383	62	82	59 126	7 006,061	48 215,004	6,882	6,418
13	33	98 775	63 157,152	1 494 085,002	23,657	23,193	63	83	55 684	6 375,155	41 208,943	6,464	6,000
14	34	98 731	60 994,363	1 430 927,850	23,460	22,996	64	84	51 929	5 744,197	34 833,788	6,064	5,600
15	35	98 681	58 901,975	1 369 933,487	23,258	22,794	65	85	47 930	5 122,493	29 089,591	5,679	5,215
16	36	98 620	56 874,706	1 311 031,512	23,051	22,587	66	86	43 716	4 514,156	23 967,098	5,309	4,845
17	37	98 550	54 912,643	1 254 156,807	22,839	22,375	67	87	39 316	3 922,539	19 452,942	4,959	4,495
18	38	98 474	53 014,765	1 199 244,164	22,621	22,157	68	88	34 780	3 352,602	15 530,403	4,632	4,168
19	39	98 382	51 173,851	1 146 229,399	22,399	21,935	69	89	30 233	2 815,806	12 177,801	4,325	3,861
20	40	98 278	49 391,226	1 095 055,548	22,171	21,707	70	90	25 784	2 320,187	9 361,995	4,035	3,571
21	41	98 175	47 671,099	1 045 664,322	21,935	21,471	71	91	21 496	1 868,891	7 041,808	3,768	3,304
22	42	98 064	46 006,659	997 993,223	21,692	21,228	72	92	17 482	1 468,519	5 172,917	3,523	3,059
23	43	97 944	44 396,393	951 986,564	21,443	20,979	73	93	13 823	1 121,906	3 704,398	3,302	2,838
24	44	97 815	42 838,636	907 590,172	21,186	20,722	74	94	10 613	832,216	2 582,492	3,103	2,639
25	45	97 677	41 331,897	864 751,536	20,922	20,458	75	95	7 922	600,253	1 750,276	2,916	2,452
26	46	97 529	39 873,625	823 419,639	20,651	20,187	76	96	5 706	417,691	1 150,023	2,753	2,289
27	47	97 371	38 462,664	783 546,014	20,372	19,908	77	97	3 958	279,953	732,332	2,616	2,152
28	48	97 201	37 097,015	745 083,351	20,085	19,621	78	98	2 679	183,083	452,378	2,471	2,007
29	49	97 008	35 771,597	707 986,336	19,792	19,328	79	99	1 743	115,072	269,296	2,340	1,876
30	50	96 797	34 486,703	672 214,739	19,492	19,028	80	100	1 088	69,405	154,224	2,222	1,758
31	51	96 568	33 241,482	637 728,036	19,185	18,721							
32	52	96 312	32 032,296	604 486,554	18,871	18,407							
33	53	96 041	30 861,989	572 454,258	18,549	18,085							
34	54	95 736	29 723,586	541 592,269	18,221	17,757							
35	55	95 405	28 619,215	511 868,684	17,885	17,421							
36	56	95 036	27 544,543	483 249,468	17,544	17,080							
37	57	94 631	26 499,667	455 704,926	17,197	16,733							
38	58	94 181	25 481,924	429 205,258	16,844	16,379							
39	59	93 693	24 492,551	403 723,334	16,484	16,019							
40	60	93 151	23 527,432	379 230,783	16,119	15,655							
41	61	92 559	22 587,289	355 703,351	15,748	15,284							
42	62	91 908	21 670,074	333 116,061	15,372	14,908							
43	63	91 217	20 779,657	311 445,987	14,988	14,524							
44	64	90 455	19 909,439	290 666,330	14,599	14,135							
45	65	89 630	19 060,551	270 756,891	14,205	13,741							
46	66	88 744	18 234,079	251 696,340	13,804	13,340							
47	67	87 786	17 427,156	233 462,261	13,396	12,932							
48	68	86 761	16 641,373	216 035,105	12,982	12,518							
49	69	85 651	15 872,789	199 393,732	12,562	12,098							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	2 539 434,084	25,521	25,057	50	71	83 353	14 924,722	175 832,411	11,781	11,317
1	22	99 149	95 796,011	2 439 931,461	25,470	25,006	51	72	81 938	14 175,120	160 907,689	11,351	10,887
2	23	99 108	92 518,638	2 344 135,451	25,337	24,873	52	73	80 424	13 442,775	146 732,569	10,915	10,451
3	24	99 079	89 363,479	2 251 616,812	25,196	24,732	53	74	78 762	12 719,786	133 289,794	10,479	10,015
4	25	99 051	86 317,109	2 162 253,333	25,050	24,586	54	75	76 980	12 011,608	120 570,008	10,038	9,574
5	26	99 020	83 372,446	2 075 936,224	24,900	24,436	55	76	75 054	11 314,963	108 558,400	9,594	9,130
6	27	98 994	80 531,410	1 992 563,778	24,743	24,279	56	77	72 974	10 629,400	97 243,438	9,149	8,685
7	28	98 964	77 784,801	1 912 032,368	24,581	24,117	57	78	70 776	9 960,615	86 614,037	8,696	8,232
8	29	98 931	75 129,209	1 834 247,567	24,415	23,951	58	79	68 364	9 295,759	76 653,422	8,246	7,782
9	30	98 899	72 565,169	1 759 118,357	24,242	23,778	59	80	65 746	8 637,472	67 357,663	7,798	7,334
10	31	98 863	70 085,822	1 686 553,188	24,064	23,600	60	81	62 876	7 981,152	58 720,191	7,357	6,893
11	32	98 824	67 688,924	1 616 467,367	23,881	23,417	61	82	59 759	7 328,907	50 739,040	6,923	6,459
12	33	98 784	65 373,440	1 548 778,442	23,691	23,227	62	83	56 347	6 676,760	43 410,132	6,502	6,038
13	34	98 740	63 135,033	1 483 405,003	23,496	23,032	63	84	52 611	6 023,273	36 733,372	6,099	5,635
14	35	98 694	60 971,076	1 420 269,970	23,294	22,830	64	85	48 617	5 377,786	30 710,099	5,711	5,247
15	36	98 635	58 874,471	1 359 298,894	23,088	22,624	65	86	44 398	4 744,997	25 332,314	5,339	4,875
16	37	98 573	56 847,585	1 300 424,423	22,876	22,412	66	87	39 988	4 129,196	20 587,316	4,986	4,522
17	38	98 501	54 884,916	1 243 576,838	22,658	22,194	67	88	35 420	3 533,836	16 458,121	4,657	4,193
18	39	98 420	52 985,389	1 188 691,922	22,434	21,970	68	89	30 839	2 972,739	12 924,285	4,348	3,884
19	40	98 318	51 140,555	1 135 706,533	22,208	21,744	69	90	26 339	2 453,112	9 951,546	4,057	3,593
20	41	98 216	49 359,955	1 084 565,978	21,973	21,509	70	91	21 991	1 978,848	7 498,434	3,789	3,325
21	42	98 103	47 636,159	1 035 206,023	21,732	21,267	71	92	17 929	1 558,790	5 519,586	3,541	3,077
22	43	97 985	45 969,538	987 569,865	21,483	21,019	72	93	14 196	1 192,517	3 960,796	3,321	2,857
23	44	97 856	44 356,627	941 600,327	21,228	20,764	73	94	10 928	886,913	2 768,279	3,121	2,657
24	45	97 722	42 798,117	897 243,700	20,965	20,501	74	95	8 177	641,259	1 881,366	2,934	2,470
25	46	97 572	41 287,438	854 445,582	20,695	20,231	75	96	5 908	447,637	1 240,107	2,770	2,306
26	47	97 414	39 826,407	813 158,145	20,418	19,954	76	97	4 112	301,024	792,471	2,633	2,169
27	48	97 244	38 412,686	773 331,738	20,132	19,668	77	98	2 792	197,440	491,447	2,489	2,025
28	49	97 053	37 040,735	734 919,052	19,841	19,377	78	99	1 824	124,675	294,007	2,358	1,894
29	50	96 845	35 711,355	697 878,317	19,542	19,078	79	100	1 145	75,573	169,332	2,241	1,777
30	51	96 619	34 423,113	662 166,962	19,236	18,772							
31	52	96 367	33 172,456	627 743,849	18,924	18,460							
32	53	96 099	31 961,684	594 571,393	18,603	18,139							
33	54	95 803	30 785,495	562 609,710	18,275	17,811							
34	55	95 472	29 641,719	531 824,215	17,942	17,478							
35	56	95 108	28 530,142	502 182,496	17,602	17,138							
36	57	94 715	27 451,398	473 652,354	17,254	16,790							
37	58	94 276	26 400,127	446 200,956	16,901	16,437							
38	59	93 788	25 375,573	419 800,829	16,544	16,079							
39	60	93 259	24 379,041	394 425,256	16,179	15,715							
40	61	92 674	23 406,812	370 046,215	15,809	15,345							
41	62	92 042	22 461,112	346 639,403	15,433	14,969							
42	63	91 346	21 537,412	324 178,290	15,052	14,588							
43	64	90 600	20 639,183	302 640,879	14,663	14,199							
44	65	89 785	19 761,934	282 001,696	14,270	13,806							
45	66	88 911	18 907,806	262 239,762	13,869	13,405							
46	67	87 967	18 074,389	243 331,956	13,463	12,999							
47	68	86 964	17 264,074	225 257,567	13,048	12,584							
48	69	85 876	16 471,565	207 993,493	12,627	12,163							
49	70	84 662	15 689,517	191 521,928	12,207	11,743							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	2 528 042,183	25,411	24,947	50	72	82 202	14 718,545	167 951,517	11,411	10,947
1	23	99 132	95 779,938	2 428 556,456	25,356	24,892	51	73	80 713	13 963,232	153 232,972	10,974	10,510
2	24	99 092	92 503,506	2 332 776,518	25,218	24,754	52	74	79 078	13 217,796	139 269,741	10,537	10,073
3	25	99 063	89 348,800	2 240 273,012	25,073	24,609	53	75	77 329	12 488,386	126 051,945	10,094	9,630
4	26	99 032	86 300,328	2 150 924,212	24,924	24,460	54	76	75 432	11 769,934	113 563,559	9,649	9,185
5	27	99 003	83 357,585	2 064 623,884	24,768	24,304	55	77	73 391	11 064,350	101 793,625	9,200	8,736
6	28	98 973	80 514,519	1 981 266,299	24,608	24,144	56	78	71 227	10 374,949	90 729,275	8,745	8,281
7	29	98 940	77 766,289	1 900 751,780	24,442	23,978	57	79	68 850	9 689,612	80 354,326	8,293	7,829
8	30	98 906	75 110,670	1 822 985,491	24,271	23,807	58	80	66 257	9 009,371	70 664,714	7,843	7,379
9	31	98 871	72 544,649	1 747 874,820	24,094	23,630	59	81	63 427	8 332,902	61 655,343	7,399	6,935
10	32	98 831	70 063,254	1 675 330,172	23,912	23,448	60	82	60 335	7 658,591	53 322,441	6,962	6,498
11	33	98 791	67 666,187	1 605 266,918	23,723	23,259	61	83	56 950	6 984,432	45 663,850	6,538	6,074
12	34	98 749	65 350,544	1 537 600,731	23,529	23,064	62	84	53 236	6 308,230	38 679,418	6,132	5,668
13	35	98 703	63 110,928	1 472 250,187	23,328	22,864	63	85	49 255	5 639,060	32 371,187	5,741	5,277
14	36	98 647	60 942,606	1 409 139,259	23,122	22,658	64	86	45 034	4 981,477	26 732,127	5,366	4,902
15	37	98 588	58 846,396	1 348 196,652	22,910	22,446	65	87	40 611	4 340,351	21 750,650	5,011	4,547
16	38	98 523	56 818,881	1 289 350,256	22,692	22,228	66	88	36 025	3 720,014	17 410,300	4,680	4,216
17	39	98 446	54 854,504	1 232 531,375	22,469	22,005	67	89	31 407	3 133,438	13 690,285	4,369	3,905
18	40	98 356	52 950,914	1 177 676,872	22,241	21,777	68	90	26 867	2 589,831	10 556,847	4,076	3,612
19	41	98 256	51 108,177	1 124 725,958	22,007	21,543	69	91	22 464	2 092,218	7 967,016	3,808	3,344
20	42	98 144	49 323,777	1 073 617,781	21,767	21,303	70	92	18 342	1 650,502	5 874,798	3,559	3,095
21	43	98 024	47 597,723	1 024 294,004	21,520	21,056	71	93	14 559	1 265,822	4 224,297	3,337	2,873
22	44	97 897	45 928,363	976 696,281	21,266	20,802	72	94	11 223	942,734	2 958,475	3,138	2,674
23	45	97 763	44 314,672	930 767,917	21,004	20,540	73	95	8 420	683,405	2 015,742	2,950	2,486
24	46	97 617	42 752,081	886 453,245	20,735	20,271	74	96	6 098	478,216	1 332,336	2,786	2,322
25	47	97 457	41 238,545	843 701,164	20,459	19,995	75	97	4 258	322,606	854,120	2,648	2,184
26	48	97 287	39 774,658	802 462,619	20,175	19,711	76	98	2 900	212,300	531,514	2,504	2,040
27	49	97 097	38 354,410	762 687,961	19,885	19,421	77	99	1 901	134,452	319,214	2,374	1,910
28	50	96 890	36 978,356	724 333,551	19,588	19,124	78	100	1 198	81,880	184,762	2,257	1,792
29	51	96 666	35 645,507	687 355,195	19,283	18,819							
30	52	96 418	34 351,633	651 709,688	18,972	18,508							
31	53	96 155	33 099,330	617 358,056	18,652	18,188							
32	54	95 861	31 882,464	584 258,726	18,325	17,861							
33	55	95 539	30 700,703	552 376,262	17,992	17,528							
34	56	95 175	29 549,463	521 675,559	17,654	17,190							
35	57	94 786	28 433,664	492 126,096	17,308	16,844							
36	58	94 359	27 348,283	463 692,432	16,955	16,491							
37	59	93 882	26 289,944	436 344,149	16,597	16,133							
38	60	93 354	25 257,971	410 054,205	16,235	15,771							
39	61	92 781	24 254,055	384 796,234	15,865	15,401							
40	62	92 156	23 276,057	360 542,179	15,490	15,026							
41	63	91 478	22 323,607	337 266,122	15,108	14,644							
42	64	90 728	21 391,815	314 942,514	14,723	14,259							
43	65	89 929	20 486,271	293 550,700	14,329	13,865							
44	66	89 066	19 603,568	273 064,428	13,929	13,465							
45	67	88 133	18 742,216	253 460,860	13,524	13,060							
46	68	87 144	17 905,250	234 718,644	13,109	12,645							
47	69	86 077	17 087,912	216 813,394	12,688	12,224							
48	70	84 884	16 281,379	199 725,483	12,267	11,803							
49	71	83 599	15 492,586	183 444,104	11,841	11,377							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	2 516 149,251	25,296	24,832	50	73	80 973	14 498,534	159 893,142	11,028	10,564
1	24	99 116	95 764,272	2 416 680,215	25,236	24,772	51	74	79 362	13 729,542	145 394,608	10,590	10,126
2	25	99 076	92 488,310	2 320 915,943	25,094	24,630	52	75	77 640	12 977,336	131 665,066	10,146	9,682
3	26	99 043	89 331,429	2 228 427,632	24,946	24,482	53	76	75 774	12 237,120	118 687,730	9,699	9,235
4	27	99 014	86 284,946	2 139 096,203	24,791	24,327	54	77	73 761	11 509,244	106 450,610	9,249	8,785
5	28	98 982	83 340,101	2 052 811,257	24,632	24,168	55	78	71 635	10 799,486	94 941,366	8,791	8,327
6	29	98 949	80 495,357	1 969 471,156	24,467	24,003	56	79	69 289	10 092,673	84 141,879	8,337	7,873
7	30	98 916	77 747,099	1 888 975,799	24,296	23,832	57	80	66 729	9 391,090	74 049,206	7,885	7,421
8	31	98 878	75 089,430	1 811 228,699	24,121	23,657	58	81	63 921	8 691,687	64 658,116	7,439	6,975
9	32	98 839	72 521,289	1 736 139,269	23,940	23,476	59	82	60 864	7 996,125	55 966,429	6,999	6,535
10	33	98 798	70 039,719	1 663 617,980	23,752	23,288	60	83	57 499	7 298,620	47 970,303	6,573	6,108
11	34	98 756	67 642,488	1 593 578,261	23,559	23,095	61	84	53 806	6 598,920	40 671,684	6,163	5,699
12	35	98 711	65 325,594	1 525 935,773	23,359	22,895	62	85	49 841	5 905,841	34 072,764	5,769	5,305
13	36	98 657	63 081,459	1 460 610,179	23,154	22,690	63	86	45 625	5 223,497	28 166,923	5,392	4,928
14	37	98 600	60 913,545	1 397 528,720	22,943	22,479	64	87	41 194	4 556,664	22 943,426	5,035	4,571
15	38	98 538	58 816,683	1 336 615,174	22,725	22,261	65	88	36 587	3 910,245	18 386,762	4,702	4,238
16	39	98 469	56 787,397	1 277 798,492	22,501	22,037	66	89	31 943	3 298,522	14 476,517	4,389	3,925
17	40	98 382	54 818,813	1 221 011,095	22,274	21,810	67	90	27 361	2 729,832	11 177,996	4,095	3,631
18	41	98 293	52 917,389	1 166 192,282	22,038	21,574	68	91	22 914	2 208,823	8 448,164	3,825	3,361
19	42	98 184	51 070,717	1 113 274,893	21,799	21,335	69	92	18 737	1 745,060	6 239,341	3,575	3,111
20	43	98 065	49 283,980	1 062 204,175	21,553	21,089	70	93	14 894	1 340,297	4 494,281	3,353	2,889
21	44	97 936	47 555,090	1 012 920,195	21,300	20,836	71	94	11 510	1 000,684	3 153,984	3,152	2,688
22	45	97 804	45 884,922	965 365,105	21,039	20,575	72	95	8 648	726,417	2 153,300	2,964	2,500
23	46	97 658	44 267,005	919 480,183	20,771	20,307	73	96	6 279	509,647	1 426,883	2,800	2,336
24	47	97 501	42 701,454	875 213,178	20,496	20,032	74	97	4 395	344,644	917,236	2,661	2,197
25	48	97 330	41 184,961	832 511,724	20,214	19,750	75	98	3 003	227,521	572,592	2,517	2,053
26	49	97 140	39 714,315	791 326,763	19,925	19,461	76	99	1 975	144,571	345,071	2,387	1,923
27	50	96 933	38 289,819	751 612,447	19,630	19,166	77	100	1 248	88,301	200,499	2,271	1,807
28	51	96 711	36 910,171	713 322,629	19,326	18,862							
29	52	96 466	35 571,489	676 412,457	19,016	18,552							
30	53	96 205	34 275,907	640 840,969	18,697	18,233							
31	54	95 916	33 017,290	606 565,061	18,371	17,907							
32	55	95 597	31 794,651	573 547,771	18,039	17,575							
33	56	95 241	30 605,151	541 753,120	17,701	17,237							
34	57	94 853	29 449,538	511 147,969	17,357	16,893							
35	58	94 430	28 326,859	481 698,430	17,005	16,541							
36	59	93 965	27 234,143	453 371,571	16,647	16,183							
37	60	93 447	26 168,104	426 137,428	16,285	15,821							
38	61	92 875	25 128,478	399 969,324	15,917	15,453							
39	62	92 262	24 118,567	374 840,846	15,542	15,078							
40	63	91 592	23 133,563	350 722,279	15,161	14,697							
41	64	90 860	22 172,696	327 588,716	14,774	14,310							
42	65	90 056	21 233,327	305 416,020	14,384	13,920							
43	66	89 208	20 322,100	284 182,693	13,984	13,520							
44	67	88 286	19 431,885	263 860,592	13,579	13,115							
45	68	87 308	18 566,827	244 428,707	13,165	12,701							
46	69	86 255	17 722,545	225 861,880	12,744	12,280							
47	70	85 083	16 890,610	208 139,335	12,323	11,859							
48	71	83 819	16 077,019	191 248,725	11,896	11,432							
49	72	82 444	15 278,564	175 171,706	11,465	11,001							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	2 503 741,798	25,175	24,711	50	74	79 618	14 255,886	151 670,054	10,639	10,175
1	25	99 100	95 748,541	2 404 289,031	25,110	24,646	51	75	77 918	13 479,773	137 414,168	10,194	9,730
2	26	99 057	92 470,329	2 308 540,490	24,965	24,501	52	76	76 078	12 716,233	123 934,395	9,746	9,282
3	27	99 026	89 315,506	2 216 070,160	24,812	24,348	53	77	74 095	11 966,082	111 218,163	9,294	8,830
4	28	98 993	86 266,848	2 126 754,654	24,653	24,189	54	78	71 995	11 233,731	99 252,081	8,835	8,371
5	29	98 958	83 320,267	2 040 487,806	24,490	24,026	55	79	69 686	10 505,660	88 018,350	8,378	7,914
6	30	98 925	80 475,494	1 957 167,539	24,320	23,856	56	80	67 155	9 781,734	77 512,690	7,924	7,460
7	31	98 888	77 725,113	1 876 692,044	24,145	23,681	57	81	64 376	9 059,946	67 730,957	7,476	7,012
8	32	98 847	75 065,251	1 798 966,931	23,965	23,501	58	82	61 338	8 340,410	58 671,010	7,035	6,571
9	33	98 806	72 496,928	1 723 901,680	23,779	23,315	59	83	58 003	7 620,289	50 330,600	6,605	6,141
10	34	98 763	70 015,189	1 651 404,752	23,586	23,122	60	84	54 325	6 895,766	42 710,311	6,194	5,730
11	35	98 718	67 616,663	1 581 389,563	23,388	22,924	61	85	50 374	6 177,988	35 814,545	5,797	5,333
12	36	98 665	65 295,091	1 513 772,900	23,184	22,720	62	86	46 168	5 470,617	29 636,557	5,417	4,953
13	37	98 610	63 051,379	1 448 477,809	22,973	22,509	63	87	41 734	4 778,045	24 165,939	5,058	4,594
14	38	98 551	60 882,788	1 385 426,430	22,756	22,292	64	88	37 111	4 105,122	19 387,894	4,723	4,259
15	39	98 484	58 784,092	1 324 543,642	22,532	22,068	65	89	32 442	3 467,198	15 282,772	4,408	3,944
16	40	98 404	56 750,448	1 265 759,550	22,304	21,840	66	90	27 829	2 873,651	11 815,574	4,112	3,648
17	41	98 320	54 784,105	1 209 009,102	22,069	21,605	67	91	23 336	2 328,227	8 941,922	3,841	3,377
18	42	98 221	52 878,604	1 154 224,996	21,828	21,364	68	92	19 112	1 842,317	6 613,696	3,590	3,126
19	43	98 104	51 029,511	1 101 346,392	21,583	21,119	69	93	15 215	1 417,083	4 771,379	3,367	2,903
20	44	97 977	49 239,836	1 050 316,881	21,331	20,867	70	94	11 775	1 059,560	3 354,295	3,166	2,702
21	45	97 844	47 510,110	1 001 077,045	21,071	20,607	71	95	8 869	771,071	2 294,736	2,976	2,512
22	46	97 699	45 835,565	953 566,935	20,804	20,340	72	96	6 449	541,723	1 523,665	2,813	2,349
23	47	97 542	44 214,584	907 731,369	20,530	20,066	73	97	4 525	367,296	981,942	2,673	2,209
24	48	97 375	42 645,970	863 516,785	20,248	19,784	74	98	3 100	243,064	614,646	2,529	2,065
25	49	97 182	41 122,479	820 870,815	19,962	19,498	75	99	2 045	154,936	371,582	2,398	1,934
26	50	96 976	39 647,434	779 748,336	19,667	19,203	76	100	1 297	94,947	216,646	2,282	1,818
27	51	96 755	38 219,216	740 100,903	19,365	18,901							
28	52	96 510	36 833,527	701 881,686	19,056	18,591							
29	53	96 253	35 493,074	665 048,159	18,737	18,273							
30	54	95 967	34 190,952	629 555,085	18,413	17,949							
31	55	95 652	32 926,352	595 364,133	18,082	17,618							
32	56	95 300	31 695,694	562 437,782	17,745	17,281							
33	57	94 919	30 501,657	530 742,087	17,400	16,936							
34	58	94 497	29 338,917	500 240,430	17,050	16,586							
35	59	94 036	28 208,635	470 901,513	16,694	16,229							
36	60	93 530	27 107,927	442 692,878	16,331	15,867							
37	61	92 968	26 033,945	415 584,951	15,963	15,499							
38	62	92 356	24 988,106	389 551,006	15,589	15,125							
39	63	91 698	23 970,915	364 562,900	15,209	14,745							
40	64	90 973	22 977,176	340 591,984	14,823	14,359							
41	65	90 187	22 008,423	317 614,808	14,432	13,967							
42	66	89 334	21 063,170	295 606,386	14,034	13,570							
43	67	88 427	20 144,124	274 543,216	13,629	13,165							
44	68	87 460	19 250,043	254 399,091	13,216	12,751							
45	69	86 417	18 377,372	235 149,049	12,796	12,332							
46	70	85 259	17 517,916	216 771,677	12,374	11,910							
47	71	84 015	16 678,603	199 253,761	11,947	11,483							
48	72	82 661	15 854,923	182 575,159	11,515	11,051							
49	73	81 212	15 050,182	166 720,235	11,078	10,614							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	2 490 805,702	25,049	24,585	50	75	78 170	13 996,541	143 304,694	10,239	9,775
1	26	99 080	95 729,926	2 391 369,272	24,980	24,516	51	76	76 351	13 208,560	129 308,153	9,790	9,326
2	27	99 039	92 453,848	2 295 639,346	24,830	24,366	52	77	74 393	12 434,583	116 099,593	9,337	8,873
3	28	99 005	89 296,773	2 203 185,498	24,673	24,209	53	78	72 322	11 679,633	103 665,010	8,876	8,412
4	29	98 970	86 246,317	2 113 888,725	24,510	24,046	54	79	70 036	10 928,089	91 985,378	8,417	7,953
5	30	98 934	83 299,707	2 027 642,408	24,342	23,878	55	80	67 539	10 181,997	81 057,288	7,961	7,497
6	31	98 897	80 452,737	1 944 342,701	24,168	23,703	56	81	64 787	9 436,815	70 875,291	7,511	7,046
7	32	98 856	77 700,086	1 863 889,965	23,988	23,524	57	82	61 774	8 693,786	61 438,476	7,067	6,603
8	33	98 813	75 040,036	1 786 189,879	23,803	23,339	58	83	58 455	7 948,392	52 744,690	6,636	6,172
9	34	98 771	72 471,538	1 711 149,843	23,611	23,147	59	84	54 802	7 199,681	44 796,298	6,222	5,758
10	35	98 726	69 988,458	1 638 678,305	23,414	22,950	60	85	50 860	6 455,899	37 596,618	5,824	5,360
11	36	98 672	67 585,090	1 568 689,847	23,211	22,747	61	86	46 662	5 722,709	31 140,719	5,442	4,978
12	37	98 618	65 263,955	1 501 104,757	23,001	22,536	62	87	42 231	5 004,091	25 418,010	5,079	4,615
13	38	98 560	63 019,542	1 435 840,802	22,784	22,320	63	88	37 599	4 304,566	20 413,918	4,742	4,278
14	39	98 496	60 849,053	1 372 821,261	22,561	22,097	64	89	32 907	3 639,995	16 109,353	4,426	3,962
15	40	98 420	58 745,844	1 311 972,208	22,333	21,869	65	90	28 263	3 020,602	12 469,357	4,128	3,664
16	41	98 342	56 714,518	1 253 226,364	22,097	21,633	66	91	23 735	2 450,888	9 448,756	3,855	3,391
17	42	98 248	54 743,952	1 196 511,846	21,857	21,392	67	92	19 464	1 941,908	6 997,867	3,604	3,140
18	43	98 142	52 835,939	1 141 767,894	21,610	21,146	68	93	15 520	1 496,061	5 055,959	3,380	2,915
19	44	98 016	50 983,804	1 088 931,955	21,358	20,894	69	94	12 028	1 120,263	3 559,898	3,178	2,714
20	45	97 884	49 193,263	1 037 948,151	21,099	20,635	70	95	9 073	816,437	2 439,635	2,988	2,524
21	46	97 739	47 459,005	988 754,888	20,834	20,370	71	96	6 614	575,023	1 623,198	2,823	2,359
22	47	97 583	45 781,287	941 295,883	20,561	20,097	72	97	4 648	390,413	1 048,175	2,685	2,221
23	48	97 416	44 157,133	895 514,595	20,280	19,816	73	98	3 192	259,039	657,762	2,539	2,075
24	49	97 227	42 581,271	851 357,462	19,994	19,530	74	99	2 111	165,521	398,723	2,409	1,945
25	50	97 019	41 053,226	808 776,191	19,701	19,237	75	100	1 343	101,754	233,202	2,292	1,828
26	51	96 797	39 574,328	767 722,965	19,400	18,935							
27	52	96 554	38 139,854	728 148,637	19,092	18,628							
28	53	96 297	36 752,331	690 008,783	18,775	18,311							
29	54	96 014	35 405,102	653 256,453	18,451	17,987							
30	55	95 703	34 096,781	617 851,351	18,121	17,656							
31	56	95 354	32 823,872	583 754,570	17,784	17,320							
32	57	94 977	31 588,512	550 930,698	17,441	16,977							
33	58	94 563	30 387,084	519 342,186	17,091	16,627							
34	59	94 102	29 216,469	488 955,102	16,736	16,272							
35	60	93 600	28 077,903	459 738,633	16,374	15,910							
36	61	93 050	26 968,950	431 660,729	16,006	15,542							
37	62	92 449	25 888,515	404 691,779	15,632	15,168							
38	63	91 791	24 835,131	378 803,265	15,253	14,789							
39	64	91 078	23 808,867	353 968,134	14,867	14,403							
40	65	90 299	22 806,943	330 159,266	14,476	14,012							
41	66	89 464	21 832,054	307 352,323	14,078	13,614							
42	67	88 552	20 878,704	285 520,269	13,675	13,211							
43	68	87 599	19 955,617	264 641,566	13,262	12,797							
44	69	86 567	19 053,616	244 685,949	12,842	12,378							
45	70	85 419	18 165,181	225 632,333	12,421	11,957							
46	71	84 189	17 298,035	207 467,152	11,994	11,530							
47	72	82 854	16 448,196	190 169,117	11,562	11,098							
48	73	81 425	15 617,926	173 720,921	11,123	10,659							
49	74	79 853	14 798,301	158 102,995	10,684	10,220							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	16 895,010	289 499,465	17,135	16,671
1	0	99 661	96 291,210	2 585 946,972	26,855	26,391	51	50	93 896	16 243,826	272 604,455	16,782	16,318
2	1	99 349	92 743,521	2 489 655,762	26,845	26,381	52	51	93 387	15 609,528	256 360,629	16,423	15,959
3	2	99 314	89 575,420	2 396 912,241	26,759	26,295	53	52	92 821	14 990,212	240 751,101	16,061	15,597
4	3	99 289	86 524,669	2 307 336,821	26,667	26,203	54	53	92 198	14 386,136	225 760,890	15,693	15,229
5	4	99 268	83 580,842	2 220 812,152	26,571	26,107	55	54	91 509	13 795,756	211 374,753	15,322	14,858
6	5	99 250	80 739,664	2 137 231,310	26,471	26,007	56	55	90 738	13 216,929	197 578,998	14,949	14,485
7	6	99 234	77 997,014	2 056 491,646	26,366	25,902	57	56	89 883	12 649,604	184 362,069	14,575	14,111
8	7	99 217	75 346,608	1 978 494,632	26,259	25,795	58	57	88 946	12 094,399	171 712,465	14,198	13,734
9	8	99 205	72 789,644	1 903 148,024	26,146	25,682	59	58	87 927	11 551,598	159 618,066	13,818	13,354
10	9	99 190	70 317,445	1 830 358,380	26,030	25,566	60	59	86 799	11 017,803	148 066,468	13,439	12,975
11	10	99 177	67 930,890	1 760 040,935	25,909	25,445	61	60	85 572	10 494,650	137 048,664	13,059	12,595
12	11	99 165	65 625,526	1 692 110,045	25,784	25,320	62	61	84 231	9 980,915	126 554,015	12,681	12,216
13	12	99 148	63 395,816	1 626 484,519	25,656	25,192	63	62	82 776	9 476,817	116 573,100	12,301	11,837
14	13	99 133	61 242,434	1 563 088,703	25,523	25,059	64	63	81 204	8 982,400	107 096,282	11,923	11,459
15	14	99 113	59 159,447	1 501 846,269	25,386	24,922	65	64	79 515	8 498,149	98 113,883	11,545	11,081
16	15	99 088	57 144,731	1 442 686,822	25,246	24,782	66	65	77 714	8 024,822	89 615,733	11,167	10,703
17	16	99 054	55 193,284	1 385 542,091	25,103	24,639	67	66	75 796	7 562,108	81 590,911	10,789	10,325
18	17	99 015	53 305,810	1 330 348,807	24,957	24,493	68	67	73 774	7 111,453	74 028,803	10,410	9,946
19	18	98 964	51 476,643	1 277 042,997	24,808	24,344	69	68	71 648	6 672,998	66 917,351	10,028	9,564
20	19	98 908	49 707,747	1 225 566,355	24,655	24,191	70	69	69 422	6 247,012	60 244,352	9,644	9,180
21	20	98 851	47 999,100	1 175 858,608	24,498	24,033	71	70	67 076	5 831,768	53 997,340	9,259	8,795
22	21	98 795	46 349,597	1 127 859,507	24,334	23,870	72	71	64 582	5 425,085	48 165,573	8,878	8,414
23	22	98 737	44 755,845	1 081 509,910	24,165	23,701	73	72	62 016	5 033,352	42 740,488	8,491	8,027
24	23	98 678	43 216,940	1 036 754,065	23,990	23,526	74	73	59 328	4 652,340	37 707,136	8,105	7,641
25	24	98 617	41 729,545	993 537,125	23,809	23,345	75	74	56 516	4 281,960	33 054,796	7,720	7,256
26	25	98 557	40 293,972	951 807,580	23,622	23,158	76	75	53 588	3 922,822	28 772,836	7,335	6,871
27	26	98 495	38 906,653	911 513,608	23,428	22,964	77	76	50 543	3 574,832	24 850,014	6,951	6,487
28	27	98 433	37 567,366	872 606,955	23,228	22,764	78	77	47 434	3 241,461	21 275,182	6,563	6,099
29	28	98 367	36 272,574	835 039,589	23,021	22,557	79	78	44 228	2 920,170	18 033,722	6,176	5,712
30	29	98 295	35 020,339	798 767,015	22,809	22,345	80	79	40 896	2 608,870	15 113,551	5,793	5,329
31	30	98 219	33 809,863	763 746,675	22,589	22,125	81	80	37 425	2 306,707	12 504,681	5,421	4,957
32	31	98 135	32 638,563	729 936,813	22,364	21,900	82	81	33 859	2 016,376	10 197,974	5,058	4,594
33	32	98 043	31 505,431	697 298,250	22,133	21,669	83	82	30 236	1 739,711	8 181,598	4,703	4,239
34	33	97 941	30 408,470	665 792,820	21,895	21,431	84	83	26 539	1 475,329	6 441,887	4,366	3,902
35	34	97 838	29 349,235	635 384,349	21,649	21,185	85	84	22 828	1 226,118	4 966,558	4,051	3,587
36	35	97 727	28 324,521	606 035,115	21,396	20,932	86	85	19 194	996,061	3 740,440	3,755	3,291
37	36	97 595	27 329,752	577 710,593	21,139	20,674	87	86	15 740	789,232	2 744,379	3,477	3,013
38	37	97 451	26 366,638	550 380,841	20,874	20,410	88	87	12 540	607,513	1 955,147	3,218	2,754
39	38	97 303	25 436,278	524 014,203	20,601	20,137	89	88	9 640	451,211	1 347,635	2,987	2,523
40	39	97 137	24 534,136	498 577,925	20,322	19,858	90	89	7 136	322,703	896,424	2,778	2,314
41	40	96 954	23 659,739	474 043,789	20,036	19,572	91	90	5 077	221,816	573,721	2,586	2,122
42	41	96 752	22 812,035	450 384,050	19,743	19,279	92	91	3 461	146,104	351,904	2,409	1,945
43	42	96 544	21 993,304	427 572,015	19,441	18,977	93	92	2 240	91,374	205,801	2,252	1,788
44	43	96 312	21 198,564	405 578,711	19,132	18,668	94	93	1 374	54,131	114,427	2,114	1,650
45	44	96 059	20 427,879	384 380,147	18,816	18,352	95	94	793	30,186	60,296	1,997	1,533
46	45	95 788	19 681,355	363 952,268	18,492	18,028	96	95	433	15,935	30,110	1,890	1,425
47	46	95 488	18 956,166	344 270,912	18,161	17,697	97	96	221	7,870	14,175	1,801	1,337
48	47	95 152	18 250,794	325 314,747	17,825	17,361	98	97	106	3,656	6,305	1,725	1,261
49	48	94 779	17 564,488	307 063,952	17,482	17,018	99	98	49	1,614	2,649	1,641	1,177
							100	99	21	0,658	1,035	1,574	1,110

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	16 920,681	291 928,101	17,253	16,789
1							51	49	94 054	16 271,227	275 007,421	16,901	16,437
2	0	99 637	93 012,501	2 492 823,470	26,801	26,337	52	50	93 560	15 638,364	258 736,193	16,545	16,081
3	1	99 336	89 595,347	2 399 810,968	26,785	26,321	53	51	93 014	15 021,404	243 097,830	16,183	15,719
4	2	99 302	86 536,040	2 310 215,621	26,697	26,233	54	52	92 402	14 417,920	228 076,426	15,819	15,355
5	3	99 278	83 589,176	2 223 679,581	26,602	26,138	55	53	91 737	13 830,034	213 658,506	15,449	14,985
6	4	99 259	80 747,097	2 140 090,406	26,504	26,040	56	54	90 989	13 253,432	199 828,472	15,077	14,613
7	5	99 241	78 002,313	2 059 343,308	26,401	25,937	57	55	90 163	12 689,097	186 575,040	14,704	14,240
8	6	99 224	75 352,110	1 981 340,995	26,294	25,830	58	56	89 247	12 135,436	173 885,943	14,329	13,865
9	7	99 210	72 793,111	1 905 988,885	26,184	25,720	59	57	88 259	11 595,153	161 750,506	13,950	13,486
10	8	99 197	70 322,513	1 833 195,775	26,068	25,604	60	58	87 163	11 063,980	150 155,353	13,572	13,108
11	9	99 182	67 934,501	1 762 873,262	25,950	25,486	61	59	85 970	10 543,513	139 091,374	13,192	12,728
12	10	99 170	65 629,174	1 694 938,760	25,826	25,362	62	60	84 665	10 032,349	128 547,860	12,813	12,349
13	11	99 156	63 400,692	1 629 309,586	25,699	25,235	63	61	83 241	9 530,054	118 515,512	12,436	11,972
14	12	99 139	61 246,304	1 565 908,894	25,567	25,103	64	62	81 704	9 037,728	108 985,458	12,059	11,595
15	13	99 121	59 164,124	1 504 662,589	25,432	24,968	65	63	80 056	8 555,990	99 947,730	11,682	11,218
16	14	99 097	57 150,003	1 445 498,466	25,293	24,829	66	64	78 294	8 084,720	91 391,740	11,304	10,840
17	15	99 066	55 199,675	1 388 348,463	25,151	24,687	67	65	76 408	7 623,198	83 307,020	10,928	10,464
18	16	99 028	53 312,626	1 333 148,789	25,006	24,542	68	66	74 426	7 174,283	75 683,822	10,549	10,085
19	17	98 977	51 483,318	1 279 836,163	24,859	24,395	69	67	72 325	6 736,034	68 509,539	10,171	9,707
20	18	98 924	49 715,817	1 228 352,846	24,707	24,243	70	68	70 138	6 311,414	61 773,505	9,788	9,324
21	19	98 867	48 006,991	1 178 637,029	24,551	24,087	71	69	67 859	5 899,890	55 462,092	9,401	8,937
22	20	98 811	46 357,185	1 130 630,038	24,390	23,926	72	70	65 403	5 494,045	49 562,202	9,021	8,557
23	21	98 753	44 763,446	1 084 272,852	24,222	23,758	73	71	62 885	5 103,859	44 068,158	8,634	8,170
24	22	98 695	43 224,192	1 039 509,407	24,049	23,585	74	72	60 228	4 722,937	38 964,298	8,250	7,786
25	23	98 633	41 736,371	996 285,215	23,871	23,407	75	73	57 478	4 354,843	34 241,361	7,863	7,399
26	24	98 574	40 300,593	954 548,844	23,686	23,222	76	74	54 581	3 995,509	29 886,517	7,480	7,016
27	25	98 514	38 914,219	914 248,251	23,494	23,030	77	75	51 581	3 648,234	25 891,009	7,097	6,633
28	26	98 451	37 574,063	875 334,032	23,296	22,832	78	76	48 508	3 314,881	22 242,775	6,710	6,246
29	27	98 387	36 280,184	837 759,969	23,091	22,627	79	77	45 313	2 991,789	18 927,893	6,327	5,863
30	28	98 318	35 028,676	801 479,786	22,881	22,417	80	78	42 040	2 681,836	15 936,104	5,942	5,478
31	29	98 243	33 818,208	766 451,110	22,664	22,200	81	79	38 615	2 380,032	13 254,268	5,569	5,105
32	30	98 162	32 647,795	732 632,902	22,441	21,976	82	80	35 097	2 090,075	10 874,236	5,203	4,739
33	31	98 075	31 515,579	699 985,107	22,211	21,747	83	81	31 510	1 812,984	8 784,161	4,845	4,381
34	32	97 974	30 418,688	668 469,528	21,976	21,512	84	82	27 848	1 548,093	6 971,177	4,503	4,039
35	33	97 873	29 359,517	638 050,840	21,732	21,268	85	83	24 161	1 297,748	5 423,085	4,179	3,715
36	34	97 764	28 335,340	608 691,323	21,482	21,018	86	84	20 501	1 063,927	4 125,337	3,877	3,413
37	35	97 641	27 342,519	580 355,983	21,225	20,761	87	85	16 993	852,020	3 061,410	3,593	3,129
38	36	97 498	26 379,217	553 013,464	20,964	20,500	88	86	13 709	664,150	2 209,389	3,327	2,863
39	37	97 352	25 449,128	526 634,247	20,694	20,230	89	87	10 700	500,842	1 545,239	3,085	2,621
40	38	97 191	24 547,738	501 185,119	20,417	19,953	90	88	8 047	363,938	1 044,397	2,870	2,406
41	39	97 017	23 675,143	476 637,381	20,132	19,668	91	89	5 827	254,612	680,458	2,673	2,209
42	40	96 813	22 826,487	452 962,238	19,844	19,380	92	90	4 058	171,306	425,846	2,486	2,022
43	41	96 615	22 009,435	430 135,750	19,543	19,079	93	91	2 686	109,551	254,541	2,323	1,859
44	42	96 390	21 215,682	408 126,315	19,237	18,773	94	92	1 691	66,659	144,990	2,175	1,711
45	43	96 145	20 446,193	386 910,633	18,923	18,459	95	93	1 003	38,184	78,331	2,051	1,587
46	44	95 879	19 699,989	366 464,440	18,602	18,138	96	94	562	20,681	40,146	1,941	1,477
47	45	95 590	18 976,578	346 764,451	18,273	17,809	97	95	297	10,553	19,466	1,844	1,380
48	46	95 265	18 272,432	327 787,873	17,939	17,475	98	96	148	5,072	8,912	1,757	1,293
49	47	94 902	17 587,340	309 515,441	17,599	17,135	99	97	69	2,289	3,840	1,678	1,214
							100	98	30	0,966	1,551	1,606	1,142

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	16 942,695	294 167,313	17,362	16,898
1							51	48	94 197	16 295,950	277 224,617	17,012	16,548
2							52	49	93 718	15 664,744	260 928,667	16,657	16,193
3	0	99 624	89 855,197	2 402 741,731	26,740	26,276	53	50	93 186	15 049,153	245 263,923	16,298	15,833
4	1	99 324	86 555,291	2 312 886,534	26,721	26,257	54	51	92 594	14 447,921	230 214,770	15,934	15,470
5	2	99 291	83 600,161	2 226 331,243	26,631	26,167	55	52	91 939	13 860,589	215 766,850	15,567	15,103
6	3	99 269	80 755,149	2 142 731,082	26,534	26,070	56	53	91 215	13 286,364	201 906,261	15,197	14,732
7	4	99 250	78 009,494	2 061 975,933	26,432	25,968	57	54	90 412	12 724,143	188 619,897	14,824	14,360
8	5	99 231	75 357,230	1 983 966,439	26,327	25,863	58	55	89 526	12 173,324	175 895,754	14,449	13,985
9	6	99 217	72 798,426	1 908 609,209	26,218	25,754	59	56	88 558	11 634,496	163 722,430	14,072	13,608
10	7	99 202	70 325,863	1 835 810,783	26,104	25,640	60	57	87 492	11 105,696	152 087,934	13,695	13,231
11	8	99 189	67 939,397	1 765 484,921	25,986	25,522	61	58	86 330	10 587,702	140 982,238	13,316	12,852
12	9	99 175	65 632,663	1 697 545,523	25,864	25,400	62	59	85 059	10 079,060	130 394,536	12,937	12,473
13	10	99 161	63 404,217	1 631 912,860	25,738	25,274	63	60	83 670	9 579,165	120 315,476	12,560	12,096
14	11	99 147	61 251,015	1 568 508,643	25,608	25,144	64	61	82 163	9 088,498	110 736,312	12,184	11,720
15	12	99 127	59 167,863	1 507 257,629	25,474	25,010	65	62	80 549	8 608,691	101 647,814	11,808	11,344
16	13	99 105	57 154,520	1 448 089,766	25,336	24,872	66	63	78 827	8 139,747	93 039,123	11,430	10,966
17	14	99 075	55 204,767	1 390 935,246	25,196	24,732	67	64	76 979	7 680,098	84 899,376	11,054	10,590
18	15	99 039	53 318,798	1 335 730,478	25,052	24,588	68	65	75 027	7 232,240	77 219,278	10,677	10,213
19	16	98 989	51 489,900	1 282 411,680	24,906	24,442	69	66	72 964	6 795,547	69 987,038	10,299	9,835
20	17	98 937	49 722,264	1 230 921,780	24,756	24,292	70	67	70 800	6 371,033	63 191,491	9,919	9,455
21	18	98 883	48 014,785	1 181 199,516	24,601	24,137	71	68	68 559	5 960,712	56 820,457	9,532	9,068
22	19	98 827	46 364,806	1 133 184,732	24,441	23,977	72	69	66 167	5 558,221	50 859,745	9,150	8,686
23	20	98 769	44 770,774	1 086 819,925	24,275	23,811	73	70	63 684	5 168,736	45 301,523	8,765	8,301
24	21	98 712	43 231,533	1 042 049,152	24,104	23,640	74	71	61 072	4 789,096	40 132,787	8,380	7,916
25	22	98 650	41 743,375	998 817,619	23,928	23,464	75	72	58 350	4 420,927	35 343,691	7,995	7,531
26	23	98 590	40 307,185	957 074,245	23,745	23,280	76	73	55 510	4 063,516	30 922,764	7,610	7,146
27	24	98 530	38 920,612	916 767,059	23,555	23,091	77	74	52 537	3 715,833	26 859,248	7,228	6,764
28	25	98 470	37 581,369	877 846,447	23,359	22,895	78	75	49 504	3 382,946	23 143,415	6,841	6,377
29	26	98 405	36 286,651	840 265,078	23,156	22,692	79	76	46 339	3 059,555	19 760,469	6,459	5,995
30	27	98 339	35 036,024	803 978,426	22,947	22,483	80	77	43 071	2 747,610	16 700,914	6,078	5,614
31	28	98 266	33 826,258	768 942,402	22,732	22,268	81	78	39 695	2 446,598	13 953,305	5,703	5,239
32	29	98 187	32 655,853	735 116,144	22,511	22,047	82	79	36 213	2 156,514	11 506,707	5,336	4,872
33	30	98 102	31 524,493	702 460,291	22,283	21,819	83	80	32 661	1 879,249	9 350,193	4,975	4,511
34	31	98 006	30 428,486	670 935,797	22,050	21,586	84	81	29 020	1 613,294	7 470,944	4,631	4,167
35	32	97 905	29 369,383	640 507,311	21,809	21,345	85	82	25 353	1 361,754	5 857,650	4,302	3,838
36	33	97 799	28 345,267	611 137,928	21,560	21,096	86	83	21 699	1 126,082	4 495,896	3,993	3,528
37	34	97 678	27 352,963	582 792,661	21,306	20,842	87	84	18 150	910,072	3 369,814	3,703	3,239
38	35	97 543	26 391,540	555 439,699	21,046	20,582	88	85	14 800	716,988	2 459,742	3,431	2,967
39	36	97 399	25 461,270	529 048,159	20,779	20,315	89	86	11 698	547,535	1 742,754	3,183	2,719
40	37	97 240	24 560,139	503 586,889	20,504	20,040	90	87	8 933	403,970	1 195,219	2,959	2,495
41	38	97 071	23 688,269	479 026,750	20,222	19,758	91	88	6 572	287,147	791,250	2,756	2,292
42	39	96 876	22 841,349	455 338,481	19,935	19,471	92	89	4 658	196,633	504,103	2,564	2,100
43	40	96 676	22 023,379	432 497,132	19,638	19,174	93	90	3 149	128,448	307,469	2,394	1,930
44	41	96 461	21 231,244	410 473,753	19,333	18,869	94	91	2 028	79,920	179,021	2,240	1,776
45	42	96 223	20 462,703	389 242,509	19,022	18,558	95	92	1 235	47,022	99,101	2,108	1,644
46	43	95 965	19 717,650	368 779,806	18,703	18,239	96	93	711	26,160	52,080	1,991	1,527
47	44	95 681	18 994,544	349 062,156	18,377	17,913	97	94	385	13,696	25,919	1,892	1,428
48	45	95 368	18 292,108	330 067,613	18,044	17,580	98	95	198	6,802	12,223	1,797	1,333
49	46	95 015	17 608,191	311 775,504	17,706	17,242	99	96	96	3,176	5,422	1,707	1,243
							100	97	43	1,369	2,246	1,640	1,176

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	16 962,783	296 228,603	17,463	16,999
1							51	47	94 320	16 317,152	279 265,821	17,115	16,651
2							52	48	93 860	15 688,545	262 948,669	16,761	16,297
3							53	49	93 343	15 074,539	247 260,123	16,402	15,938
4	0	99 612	86 806,324	2 315 595,435	26,675	26,211	54	50	92 765	14 474,610	232 185,584	16,041	15,577
5	1	99 313	83 618,759	2 228 789,111	26,654	26,190	55	51	92 131	13 889,430	217 710,974	15,675	15,211
6	2	99 282	80 765,761	2 145 170,352	26,560	26,096	56	52	91 416	13 315,717	203 821,543	15,307	14,843
7	3	99 260	78 017,273	2 064 404,591	26,461	25,997	57	53	90 637	12 755,759	190 505,826	14,953	14,471
8	4	99 240	75 364,167	1 986 387,318	26,357	25,893	58	54	89 773	12 206,946	177 750,067	14,561	14,097
9	5	99 224	72 803,373	1 911 023,151	26,249	25,785	59	55	88 835	11 670,820	165 543,121	14,184	13,720
10	6	99 209	70 330,998	1 838 219,778	26,137	25,673	60	56	87 789	11 143,378	153 872,301	13,808	13,344
11	7	99 194	67 942,633	1 767 888,781	26,020	25,556	61	57	86 656	10 627,622	142 728,923	13,430	12,966
12	8	99 183	65 637,393	1 699 946,147	25,899	25,435	62	58	85 416	10 121,302	132 101,301	13,052	12,588
13	9	99 167	63 407,587	1 634 308,754	25,775	25,311	63	59	84 060	9 623,766	121 979,999	12,675	12,211
14	10	99 152	61 254,420	1 570 901,167	25,646	25,181	64	60	82 586	9 135,333	112 356,233	12,299	11,835
15	11	99 134	59 172,413	1 509 646,747	25,513	25,049	65	61	81 001	8 657,051	103 220,901	11,923	11,459
16	12	99 111	57 158,132	1 450 474,333	25,377	24,912	66	62	79 312	8 189,884	94 563,849	11,546	11,082
17	13	99 082	55 209,131	1 393 316,201	25,237	24,773	67	63	77 503	7 732,370	86 373,965	11,170	10,706
18	14	99 048	53 323,717	1 338 107,070	25,094	24,630	68	64	75 587	7 286,222	78 641,595	10,793	10,329
19	15	99 001	51 495,862	1 284 783,352	24,949	24,485	69	65	73 553	6 850,445	71 355,372	10,416	9,952
20	16	98 949	49 728,621	1 233 287,491	24,800	24,336	70	66	71 426	6 427,322	64 504,928	10,036	9,572
21	17	98 896	48 021,011	1 183 558,870	24,647	24,183	71	67	69 206	6 017,019	58 077,605	9,652	9,188
22	18	98 843	46 372,333	1 135 537,859	24,487	24,023	72	68	66 849	5 615,522	52 060,586	9,271	8,807
23	19	98 786	44 778,134	1 089 165,526	24,324	23,860	73	69	64 428	5 229,113	46 445,064	8,882	8,418
24	20	98 728	43 238,610	1 044 387,392	24,154	23,690	74	70	61 848	4 849,972	41 215,951	8,498	8,034
25	21	98 667	41 750,464	1 001 148,782	23,979	23,515	75	71	59 167	4 482,855	36 365,979	8,112	7,648
26	22	98 606	40 313,949	959 398,318	23,798	23,334	76	72	56 352	4 125,179	31 883,124	7,729	7,265
27	23	98 546	38 926,979	919 084,369	23,610	23,146	77	73	53 431	3 779,080	27 757,945	7,345	6,881
28	24	98 486	37 587,544	880 157,390	23,416	22,952	78	74	50 422	3 445,629	23 978,865	6,959	6,495
29	25	98 424	36 293,707	842 569,846	23,215	22,751	79	75	47 290	3 122,377	20 533,236	6,576	6,112
30	26	98 356	35 042,270	806 276,139	23,009	22,545	80	76	44 046	2 809,844	17 410,859	6,196	5,732
31	27	98 287	33 833,354	771 233,868	22,795	22,331	81	77	40 668	2 506,602	14 601,015	5,825	5,361
32	28	98 210	32 663,627	737 400,514	22,576	22,112	82	78	37 226	2 216,828	12 094,413	5,456	4,992
33	29	98 127	31 532,274	704 736,887	22,350	21,886	83	79	33 700	1 938,986	9 877,585	5,094	4,630
34	30	98 034	30 437,093	673 204,613	22,118	21,654	84	80	30 081	1 672,261	7 938,599	4,747	4,283
35	31	97 937	29 378,843	642 767,519	21,879	21,415	85	81	26 421	1 419,108	6 266,338	4,416	3,952
36	32	97 832	28 354,791	613 388,676	21,633	21,169	86	82	22 769	1 181,621	4 847,231	4,102	3,638
37	33	97 712	27 362,546	585 033,885	21,381	20,917	87	83	19 211	963,239	3 665,610	3,806	3,341
38	34	97 581	26 401,620	557 671,339	21,123	20,659	88	84	15 808	765,839	2 702,371	3,529	3,065
39	35	97 444	25 473,164	531 269,719	20,856	20,392	89	85	12 628	591,095	1 936,531	3,276	2,812
40	36	97 286	24 571,856	505 796,555	20,584	20,120	90	86	9 765	441,631	1 345,437	3,047	2,582
41	37	97 120	23 700,236	481 224,699	20,305	19,841	91	87	7 295	318,731	903,805	2,836	2,372
42	38	96 930	22 854,013	457 524,463	20,019	19,555	92	88	5 253	221,760	585,074	2,638	2,174
43	39	96 739	22 037,718	434 670,450	19,724	19,260	93	89	3 615	147,439	363,314	2,464	2,000
44	40	96 522	21 244,694	412 632,732	19,423	18,959	94	90	2 378	93,706	215,875	2,304	1,840
45	41	96 294	20 477,712	391 388,038	19,113	18,649	95	91	1 481	56,376	122,169	2,167	1,703
46	42	96 042	19 733,572	370 910,326	18,796	18,332	96	92	876	32,215	65,793	2,042	1,578
47	43	95 767	19 011,572	351 176,754	18,472	18,008	97	93	487	17,325	33,578	1,938	1,474
48	44	95 458	18 309,426	332 165,182	18,142	17,678	98	94	257	8,827	16,253	1,841	1,377
49	45	95 117	17 627,152	313 855,755	17,805	17,341	99	95	128	4,258	7,426	1,744	1,280
							100	96	59	1,900	3,168	1,667	1,203

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	16 981,048	298 123,459	17,556	17,092
1							51	46	94 431	16 336,498	281 142,410	17,209	16,745
2							52	47	93 982	15 708,957	264 805,913	16,857	16,393
3							53	48	93 485	15 097,444	249 096,956	16,499	16,035
4							54	49	92 922	14 499,028	233 999,512	16,139	15,675
5	0	99 601	83 861,275	2 231 290,984	26,607	26,143	55	50	92 301	13 915,088	219 500,484	15,774	15,310
6	1	99 304	80 783,729	2 147 429,710	26,582	26,118	56	51	91 607	13 343,425	205 585,396	15,407	14,943
7	2	99 273	78 027,526	2 066 645,981	26,486	26,022	57	52	90 837	12 783,940	192 241,971	15,038	14,574
8	3	99 250	75 371,682	1 988 618,455	26,384	25,920	58	53	89 996	12 237,277	179 458,031	14,665	14,201
9	4	99 233	72 810,075	1 913 246,773	26,277	25,813	59	54	89 080	11 703,053	167 220,754	14,289	13,825
10	5	99 216	70 335,777	1 840 436,698	26,166	25,702	60	55	88 063	11 178,169	155 517,701	13,913	13,449
11	6	99 201	67 947,595	1 770 100,922	26,051	25,587	61	56	86 950	10 663,683	144 339,532	13,536	13,072
12	7	99 187	65 640,520	1 702 153,327	25,931	25,467	62	57	85 738	10 159,464	133 675,849	13,158	12,694
13	8	99 174	63 412,157	1 636 512,807	25,808	25,344	63	58	84 412	9 664,099	123 516,386	12,781	12,317
14	9	99 157	61 257,676	1 573 100,650	25,680	25,216	64	59	82 971	9 177,867	113 852,286	12,405	11,941
15	10	99 140	59 175,703	1 511 842,974	25,548	25,084	65	60	81 419	8 701,663	104 674,419	12,029	11,565
16	11	99 119	57 162,528	1 452 667,271	25,413	24,949	66	61	79 758	8 235,892	95 972,756	11,653	11,189
17	12	99 089	55 212,620	1 395 504,743	25,275	24,811	67	62	77 980	7 779,999	87 736,864	11,277	10,813
18	13	99 056	53 327,932	1 340 292,122	25,133	24,669	68	63	76 101	7 335,814	79 956,866	10,900	10,435
19	14	99 010	51 500,613	1 286 964,190	24,989	24,525	69	64	74 102	6 901,577	72 621,052	10,522	10,058
20	15	98 961	49 734,379	1 235 463,577	24,841	24,377	70	65	72 003	6 479,245	65 719,475	10,143	9,679
21	16	98 909	48 027,151	1 185 729,198	24,689	24,225	71	66	69 818	6 070,181	59 240,230	9,759	9,295
22	17	98 856	46 378,346	1 137 702,048	24,531	24,067	72	67	67 481	5 668,568	53 170,049	9,380	8,916
23	18	98 802	44 785,404	1 091 323,701	24,368	23,904	73	68	65 092	5 283,021	47 501,481	8,991	8,527
24	19	98 744	43 245,718	1 046 538,298	24,200	23,736	74	69	62 570	4 906,625	42 218,460	8,604	8,140
25	20	98 683	41 757,298	1 003 292,580	24,027	23,563	75	70	59 919	4 539,838	37 311,835	8,219	7,755
26	21	98 623	40 320,795	961 535,281	23,847	23,383	76	71	57 141	4 182,964	32 771,996	7,835	7,371
27	22	98 563	38 933,511	921 214,486	23,661	23,197	77	72	54 242	3 836,426	28 589,032	7,452	6,988
28	23	98 502	37 593,693	882 280,975	23,469	23,005	78	73	51 280	3 504,277	24 752,606	7,064	6,600
29	24	98 440	36 299,670	844 687,282	23,270	22,806	79	74	48 167	3 180,232	21 248,329	6,681	6,217
30	25	98 376	35 049,084	808 387,612	23,064	22,600	80	75	44 951	2 867,539	18 068,097	6,301	5,837
31	26	98 304	33 839,386	773 338,527	22,853	22,389	81	76	41 589	2 563,378	15 200,558	5,930	5,466
32	27	98 231	32 670,480	739 499,141	22,635	22,171	82	77	38 138	2 271,197	12 637,180	5,564	5,100
33	28	98 150	31 539,781	706 828,662	22,411	21,947	83	78	34 642	1 993,216	10 365,983	5,201	4,737
34	29	98 058	30 444,606	675 288,881	22,181	21,717	84	79	31 037	1 725,418	8 372,767	4,853	4,389
35	30	97 965	29 387,153	644 844,275	21,943	21,479	85	80	27 386	1 470,976	6 647,349	4,519	4,055
36	31	97 863	28 363,925	615 457,122	21,699	21,235	86	81	23 728	1 231,388	5 176,372	4,204	3,740
37	32	97 745	27 371,740	587 093,197	21,449	20,985	87	82	20 158	1 010,746	3 944,984	3,903	3,439
38	33	97 615	26 410,870	559 721,457	21,193	20,729	88	83	16 732	810,580	2 934,238	3,620	3,156
39	34	97 482	25 482,893	533 310,588	20,928	20,464	89	84	13 489	631,369	2 123,658	3,364	2,900
40	35	97 332	24 583,335	507 827,694	20,657	20,193	90	85	10 542	476,766	1 492,290	3,130	2,666
41	36	97 166	23 711,543	483 244,359	20,380	19,916	91	86	7 975	348,446	1 015,524	2,914	2,450
42	37	96 979	22 865,558	459 532,816	20,097	19,633	92	87	5 831	246,152	667,077	2,710	2,246
43	38	96 793	22 049,936	436 667,257	19,804	19,340	93	88	4 077	166,279	420,925	2,531	2,067
44	39	96 585	21 258,526	414 617,322	19,504	19,040	94	89	2 729	107,560	254,646	2,367	1,903
45	40	96 355	20 490,685	393 358,796	19,197	18,733	95	90	1 736	66,101	147,086	2,225	1,761
46	41	96 113	19 748,046	372 868,110	18,881	18,417	96	91	1 050	38,624	80,985	2,097	1,633
47	42	95 844	19 026,924	353 120,065	18,559	18,095	97	92	600	21,335	42,361	1,986	1,522
48	43	95 543	18 325,841	334 093,140	18,231	17,767	98	93	325	11,166	21,027	1,883	1,419
49	44	95 207	17 643,841	315 767,300	17,897	17,433	99	94	167	5,526	9,861	1,784	1,320
							100	95	79	2,548	4,335	1,701	1,237

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	16 997,125	299 862,726	17,642	17,178
1							51	45	94 533	16 354,089	282 865,601	17,296	16,832
2							52	46	94 094	15 727,581	266 511,512	16,945	16,481
3							53	47	93 607	15 117,087	250 783,931	16,589	16,125
4							54	48	93 063	14 521,058	235 666,844	16,229	15,765
5							55	49	92 456	13 938,562	221 145,787	15,866	15,402
6	0	99 592	81 018,023	2 149 739,004	26,534	26,070	56	50	91 776	13 368,074	207 207,225	15,500	15,036
7	1	99 295	78 044,884	2 068 720,982	26,507	26,043	57	51	91 026	12 810,541	193 839,150	15,131	14,667
8	2	99 263	75 381,587	1 990 676,098	26,408	25,944	58	52	90 195	12 264,312	181 028,609	14,761	14,297
9	3	99 243	72 817,335	1 915 294,510	26,303	25,839	59	53	89 301	11 732,132	168 764,297	14,385	13,921
10	4	99 225	70 342,252	1 842 477,176	26,193	25,729	60	54	88 306	11 209,042	157 032,164	14,009	13,545
11	5	99 208	67 952,212	1 772 134,924	26,079	25,615	61	55	87 221	10 696,976	145 823,123	13,632	13,168
12	6	99 195	65 645,313	1 704 182,712	25,960	25,496	62	56	86 029	10 193,935	135 126,147	13,256	12,792
13	7	99 179	63 415,177	1 638 537,399	25,838	25,374	63	57	84 730	9 700,537	124 932,212	12,879	12,415
14	8	99 165	61 262,091	1 575 122,222	25,711	25,247	64	58	83 318	9 216,332	115 231,674	12,503	12,039
15	9	99 145	59 178,849	1 513 860,131	25,581	25,117	65	59	81 798	8 742,178	106 015,342	12,127	11,663
16	10	99 125	57 165,706	1 454 681,282	25,447	24,983	66	60	80 169	8 278,333	97 273,164	11,750	11,286
17	11	99 096	55 216,867	1 397 515,576	25,310	24,846	67	61	78 418	7 823,703	88 994,831	11,375	10,911
18	12	99 062	53 331,303	1 342 298,709	25,169	24,705	68	62	76 570	7 381,000	81 171,127	10,997	10,533
19	13	99 018	51 504,684	1 288 967,406	25,026	24,562	69	63	74 607	6 948,551	73 790,128	10,619	10,155
20	14	98 970	49 738,967	1 237 462,723	24,879	24,415	70	64	72 540	6 527,607	66 841,577	10,240	9,776
21	15	98 920	48 032,712	1 187 723,756	24,727	24,263	71	65	70 382	6 119,218	60 313,970	9,856	9,392
22	16	98 869	46 384,276	1 139 691,044	24,571	24,107	72	66	68 077	5 718,651	54 194,752	9,477	9,013
23	17	98 815	44 791,211	1 093 306,768	24,409	23,945	73	67	65 707	5 332,926	48 476,101	9,090	8,626
24	18	98 760	43 252,739	1 048 515,557	24,242	23,778	74	68	63 215	4 957,209	43 143,175	8,703	8,239
25	19	98 699	41 764,163	1 005 262,818	24,070	23,606	75	69	60 619	4 592,869	38 185,967	8,314	7,850
26	20	98 639	40 327,396	963 498,655	23,892	23,428	76	70	57 868	4 236,135	33 593,098	7,930	7,466
27	21	98 580	38 940,123	923 171,259	23,707	23,243	77	71	55 002	3 890,167	29 356,963	7,546	7,082
28	22	98 518	37 600,001	884 231,136	23,517	23,053	78	72	52 058	3 557,454	25 466,796	7,159	6,695
29	23	98 456	36 305,608	846 631,134	23,320	22,856	79	73	48 986	3 234,362	21 909,342	6,774	6,310
30	24	98 392	35 054,843	810 325,526	23,116	22,652	80	74	45 784	2 920,672	18 674,980	6,394	5,930
31	25	98 324	33 845,966	775 270,683	22,906	22,442	81	75	42 443	2 616,012	15 754,307	6,022	5,558
32	26	98 248	32 676,304	741 424,717	22,690	22,226	82	76	39 002	2 322,641	13 138,296	5,657	5,193
33	27	98 171	31 546,397	708 748,413	22,467	22,003	83	77	35 492	2 042,101	10 815,655	5,296	4,832
34	28	98 081	30 451,853	677 202,016	22,238	21,774	84	78	31 905	1 773,675	8 773,554	4,947	4,483
35	29	97 989	29 394,407	646 750,163	22,002	21,538	85	79	28 257	1 517,735	6 999,879	4,612	4,148
36	30	97 891	28 371,948	617 355,756	21,759	21,295	86	80	24 595	1 276,396	5 482,143	4,295	3,831
37	31	97 777	27 380,557	588 983,808	21,511	21,047	87	81	21 007	1 053,316	4 205,748	3,993	3,529
38	32	97 648	26 419,744	561 603,251	21,257	20,793	88	82	17 557	850,558	3 152,431	3,706	3,242
39	33	97 516	25 491,821	535 183,507	20,994	20,530	89	83	14 277	668,253	2 301,873	3,445	2,981
40	34	97 369	24 592,725	509 691,686	20,725	20,261	90	84	11 261	509,250	1 633,620	3,208	2,744
41	35	97 211	23 722,620	485 098,961	20,449	19,985	91	85	8 609	376,168	1 124,370	2,989	2,525
42	36	97 025	22 876,467	461 376,341	20,168	19,704	92	86	6 374	269,100	748,202	2,780	2,316
43	37	96 842	22 061,075	438 499,874	19,877	19,413	93	87	4 525	184,569	479,102	2,596	2,132
44	38	96 638	21 270,312	416 438,799	19,578	19,114	94	88	3 078	121,304	294,532	2,428	1,964
45	39	96 417	20 504,026	395 168,487	19,273	18,809	95	89	1 993	75,874	173,228	2,283	1,819
46	40	96 173	19 760,557	374 664,461	18,960	18,496	96	90	1 231	45,286	97,354	2,150	1,686
47	41	95 914	19 040,880	354 903,904	18,639	18,175	97	91	720	25,579	52,068	2,036	1,572
48	42	95 621	18 340,639	335 863,024	18,313	17,848	98	92	400	13,750	26,489	1,926	1,462
49	43	95 293	17 659,658	317 522,385	17,980	17,516	99	93	211	6,991	12,739	1,822	1,358
							100	94	103	3,307	5,749	1,739	1,275

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	17 012,363	301 458,221	17,720	17,256
1							51	44	94 623	16 369,572	284 445,858	17,376	16,912
2							52	45	94 195	15 744,517	268 076,286	17,027	16,563
3							53	46	93 718	15 135,009	252 331,769	16,672	16,208
4							54	47	93 184	14 539,951	237 196,760	16,313	15,849
5							55	48	92 597	13 959,740	222 656,809	15,950	15,486
6							56	49	91 931	13 390,625	208 697,069	15,585	15,121
7	0	99 583	78 271,234	2 070 851,632	26,457	25,993	57	50	91 195	12 834,206	195 306,444	15,218	14,754
8	1	99 285	75 398,357	1 992 580,398	26,427	25,963	58	51	90 383	12 289,832	182 472,238	14,847	14,383
9	2	99 256	72 826,905	1 917 182,041	26,325	25,861	59	52	89 499	11 758,052	170 182,405	14,474	14,010
10	3	99 235	70 349,266	1 844 355,137	26,217	25,753	60	53	88 525	11 236,893	158 424,353	14,099	13,635
11	4	99 217	67 958,467	1 774 005,871	26,104	25,640	61	54	87 462	10 726,519	147 187,460	13,722	13,258
12	5	99 201	65 649,773	1 706 047,404	25,987	25,523	62	55	86 297	10 225,762	136 460,941	13,345	12,881
13	6	99 186	63 419,808	1 640 397,630	25,866	25,402	63	56	85 018	9 733,452	126 235,179	12,969	12,505
14	7	99 169	61 265,009	1 576 977,822	25,740	25,276	64	57	83 632	9 251,082	116 501,727	12,593	12,129
15	8	99 152	59 183,114	1 515 712,813	25,611	25,147	65	58	82 141	8 778,817	107 250,645	12,217	11,753
16	9	99 130	57 168,745	1 456 529,699	25,478	25,014	66	59	80 542	8 316,877	98 471,827	11,840	11,376
17	10	99 102	55 219,936	1 399 360,954	25,342	24,878	67	60	78 822	7 864,021	90 154,950	11,464	11,000
18	11	99 070	53 335,405	1 344 141,018	25,202	24,738	68	61	77 000	7 422,463	82 290,929	11,087	10,623
19	12	99 024	51 507,939	1 290 805,613	25,060	24,596	69	62	75 066	6 991,351	74 868,467	10,709	10,245
20	13	98 978	49 742,899	1 239 297,675	24,914	24,450	70	63	73 034	6 572,035	67 877,116	10,328	9,864
21	14	98 929	48 037,143	1 189 554,776	24,763	24,299	71	64	70 907	6 164,893	61 305,081	9,944	9,480
22	15	98 880	46 389,647	1 141 517,633	24,607	24,143	72	65	68 627	5 764,848	55 140,188	9,565	9,101
23	16	98 827	44 796,938	1 095 127,986	24,446	23,982	73	66	66 287	5 380,043	49 375,340	9,177	8,713
24	17	98 773	43 258,348	1 050 331,048	24,280	23,816	74	67	63 813	5 004,036	43 995,296	8,792	8,328
25	18	98 715	41 770,943	1 007 072,701	24,109	23,645	75	68	61 244	4 640,217	38 991,260	8,403	7,939
26	19	98 655	40 334,026	965 301,757	23,933	23,469	76	69	58 544	4 285,618	34 351,043	8,015	7,551
27	20	98 596	38 946,498	924 967,732	23,750	23,286	77	70	55 701	3 939,616	30 065,425	7,632	7,168
28	21	98 535	37 606,387	886 021,234	23,560	23,096	78	71	52 787	3 607,286	26 125,809	7,243	6,778
29	22	98 473	36 311,701	848 414,847	23,365	22,901	79	72	49 730	3 283,443	22 518,522	6,858	6,394
30	23	98 408	35 060,577	812 103,146	23,163	22,699	80	73	46 563	2 970,385	19 235,079	6,476	6,012
31	24	98 340	33 851,527	777 042,569	22,954	22,490	81	74	43 230	2 664,484	16 264,694	6,104	5,640
32	25	98 267	32 682,658	743 191,042	22,740	22,276	82	75	39 803	2 370,332	13 600,210	5,738	5,274
33	26	98 188	31 552,021	710 508,385	22,519	22,055	83	76	36 296	2 088,355	11 229,878	5,377	4,913
34	27	98 102	30 458,242	678 956,363	22,291	21,827	84	77	32 688	1 817,176	9 141,523	5,031	4,567
35	28	98 012	29 401,404	648 498,122	22,057	21,593	85	78	29 047	1 560,184	7 324,347	4,695	4,231
36	29	97 915	28 378,951	619 096,718	21,815	21,351	86	79	25 377	1 316,969	5 764,163	4,377	3,913
37	30	97 804	27 388,302	590 717,767	21,568	21,104	87	80	21 775	1 091,816	4 447,194	4,073	3,609
38	31	97 679	26 428,254	563 329,465	21,315	20,851	88	81	18 297	886,381	3 355,378	3,785	3,321
39	32	97 548	25 500,387	536 901,211	21,055	20,591	89	82	14 981	701,212	2 468,997	3,521	3,057
40	33	97 403	24 601,341	511 400,824	20,788	20,323	90	83	11 918	539,001	1 767,785	3,280	2,816
41	34	97 248	23 731,681	486 799,483	20,513	20,049	91	84	9 196	401,798	1 228,784	3,058	2,594
42	35	97 070	22 887,154	463 067,802	20,233	19,769	92	85	6 881	290,509	826,987	2,847	2,383
43	36	96 888	22 071,600	440 180,648	19,943	19,479	93	86	4 947	201,776	536,477	2,659	2,195
44	37	96 687	21 281,058	418 109,049	19,647	19,183	94	87	3 417	134,647	334,701	2,486	2,022
45	38	96 471	20 515,394	396 827,991	19,343	18,879	95	88	2 247	85,569	200,054	2,338	1,874
46	39	96 236	19 773,422	376 312,597	19,031	18,567	96	89	1 413	51,982	114,485	2,202	1,738
47	40	95 975	19 052,943	356 539,175	18,713	18,249	97	90	844	29,991	62,503	2,084	1,620
48	41	95 691	18 354,091	337 486,231	18,388	17,923	98	91	480	16,486	32,512	1,972	1,508
49	42	95 370	17 673,919	319 132,140	18,057	17,593	99	92	259	8,608	16,027	1,862	1,398
							100	93	130	4,183	7,418	1,773	1,309

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	17 026,101	302 920,551	17,792	17,328
1							51	43	94 707	16 384,248	285 894,450	17,449	16,985
2							52	44	94 284	15 759,423	269 510,203	17,102	16,638
3							53	45	93 819	15 151,307	253 750,780	16,748	16,284
4							54	46	93 295	14 557,189	238 599,473	16,390	15,926
5							55	47	92 717	13 977,903	224 042,284	16,028	15,564
6							56	48	92 070	13 410,971	210 064,381	15,664	15,200
7							57	49	91 348	12 855,857	196 653,410	15,297	14,833
8	0	99 573	75 617,032	1 994 545,720	26,377	25,913	58	50	90 550	12 312,535	183 797,553	14,928	14,464
9	1	99 278	72 843,106	1 918 928,688	26,343	25,879	59	51	89 685	11 782,519	171 485,018	14,554	14,090
10	2	99 248	70 358,511	1 846 085,582	26,238	25,774	60	52	88 721	11 261,719	159 702,499	14,181	13,717
11	3	99 227	67 965,243	1 775 727,071	26,127	25,663	61	53	87 679	10 753,172	148 440,781	13,804	13,340
12	4	99 210	65 655,817	1 707 761,828	26,011	25,547	62	54	86 536	10 254,004	137 687,609	13,428	12,964
13	5	99 193	63 424,117	1 642 106,011	25,891	25,427	63	55	85 283	9 763,841	127 433,605	13,052	12,588
14	6	99 177	61 269,483	1 578 681,894	25,766	25,302	64	56	83 916	9 282,472	117 669,764	12,677	12,213
15	7	99 157	59 185,933	1 517 412,411	25,638	25,174	65	57	82 450	8 811,917	108 387,292	12,300	11,836
16	8	99 137	57 172,865	1 458 226,478	25,506	25,042	66	58	80 880	8 351,734	99 575,375	11,923	11,459
17	9	99 107	55 222,872	1 401 053,613	25,371	24,907	67	59	79 189	7 900,636	91 223,641	11,546	11,082
18	10	99 075	53 338,370	1 345 830,741	25,232	24,768	68	60	77 397	7 460,713	83 323,005	11,168	10,704
19	11	99 032	51 511,900	1 292 492,371	25,091	24,627	69	61	75 488	7 030,625	75 862,293	10,790	10,326
20	12	98 984	49 746,043	1 240 980,471	24,946	24,482	70	62	73 484	6 612,516	68 831,667	10,409	9,945
21	13	98 937	48 040,940	1 191 234,428	24,796	24,332	71	63	71 390	6 206,852	62 219,151	10,024	9,560
22	14	98 889	46 393,927	1 143 193,488	24,641	24,177	72	64	69 139	5 807,878	56 012,299	9,644	9,180
23	15	98 839	44 802,124	1 096 799,562	24,481	24,017	73	65	66 823	5 423,506	50 204,421	9,257	8,793
24	16	98 786	43 263,878	1 051 997,437	24,316	23,852	74	66	64 376	5 048,247	44 780,916	8,871	8,407
25	17	98 728	41 776,360	1 008 733,559	24,146	23,682	75	67	61 823	4 684,051	39 732,668	8,483	8,019
26	18	98 671	40 340,574	966 957,199	23,970	23,506	76	68	59 147	4 329,799	35 048,618	8,095	7,631
27	19	98 612	38 952,901	926 616,625	23,788	23,324	77	69	56 351	3 985,636	30 718,819	7,707	7,243
28	20	98 551	37 612,543	887 663,725	23,600	23,136	78	70	53 458	3 653,140	26 733,183	7,318	6,854
29	21	98 490	36 317,867	850 051,181	23,406	22,942	79	71	50 426	3 329,437	23 080,043	6,932	6,468
30	22	98 424	35 066,461	813 733,314	23,205	22,741	80	72	47 270	3 015,460	19 750,606	6,550	6,086
31	23	98 356	33 857,064	778 666,853	22,999	22,535	81	73	43 965	2 709,836	16 735,146	6,176	5,712
32	24	98 283	32 688,027	744 809,789	22,785	22,321	82	74	40 541	2 414,252	14 025,310	5,809	5,345
33	25	98 207	31 558,157	712 121,762	22,565	22,101	83	75	37 041	2 131,236	11 611,058	5,448	4,984
34	26	98 119	30 463,672	680 563,605	22,340	21,876	84	76	33 428	1 858,336	9 479,822	5,101	4,637
35	27	98 033	29 407,572	650 099,934	22,107	21,643	85	77	29 760	1 598,448	7 621,486	4,768	4,304
36	28	97 938	28 385,706	620 692,361	21,866	21,402	86	78	26 087	1 353,803	6 023,038	4,449	3,985
37	29	97 828	27 395,062	592 306,655	21,621	21,157	87	79	22 467	1 126,522	4 669,235	4,145	3,681
38	30	97 707	26 435,730	564 911,593	21,369	20,905	88	80	18 965	918,779	3 542,713	3,856	3,392
39	31	97 580	25 508,601	538 475,863	21,110	20,646	89	81	15 612	730,745	2 623,934	3,591	3,127
40	32	97 436	24 609,607	512 967,262	20,844	20,380	90	82	12 506	565,585	1 893,189	3,347	2,883
41	33	97 283	23 739,995	488 357,655	20,571	20,107	91	83	9 733	425,271	1 327,604	3,122	2,658
42	34	97 107	22 895,895	464 617,660	20,293	19,829	92	84	7 350	310,303	902,334	2,908	2,444
43	35	96 933	22 081,911	441 721,765	20,004	19,540	93	85	5 340	217,829	592,031	2,718	2,254
44	36	96 733	21 291,210	419 639,854	19,710	19,246	94	86	3 735	147,200	374,202	2,542	2,078
45	37	96 519	20 525,758	398 348,643	19,407	18,943	95	87	2 494	94,981	227,002	2,390	1,926
46	38	96 289	19 784,385	377 822,885	19,097	18,633	96	88	1 593	58,624	132,021	2,252	1,788
47	39	96 038	19 065,348	358 038,500	18,780	18,316	97	89	968	34,425	73,397	2,132	1,668
48	40	95 751	18 365,719	338 973,152	18,457	17,993	98	90	563	19,329	38,971	2,016	1,552
49	41	95 440	17 686,882	320 607,433	18,127	17,663	99	91	311	10,321	19,642	1,903	1,439
							100	92	161	5,151	9,321	1,810	1,346

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	17 038,589	304 259,970	17,857	17,393
1							51	42	94 784	16 397,478	287 221,381	17,516	17,052
2							52	43	94 369	15 773,551	270 823,903	17,169	16,705
3							53	44	93 907	15 165,651	255 050,351	16,818	16,354
4							54	45	93 395	14 572,864	239 884,700	16,461	15,997
5							55	46	92 827	13 994,475	225 311,836	16,100	15,636
6							56	47	92 190	13 428,419	211 317,361	15,737	15,273
7							57	48	91 487	12 875,390	197 888,941	15,370	14,906
8							58	49	90 703	12 333,306	185 013,551	15,001	14,537
9	0	99 566	73 054,370	1 920 741,303	26,292	25,828	59	50	89 850	11 804,285	172 680,246	14,629	14,165
10	1	99 270	70 374,163	1 847 686,933	26,255	25,791	60	51	88 905	11 285,152	160 875,961	14,256	13,792
11	2	99 240	67 974,175	1 777 312,770	26,147	25,683	61	52	87 873	10 776,929	149 590,809	13,881	13,417
12	3	99 220	65 662,364	1 709 338,594	26,032	25,568	62	53	86 751	10 279,483	138 813,880	13,504	13,040
13	4	99 202	63 429,956	1 643 676,231	25,913	25,449	63	54	85 519	9 790,807	128 534,398	13,128	12,664
14	5	99 183	61 273,646	1 580 246,275	25,790	25,326	64	55	84 178	9 311,453	118 743,590	12,752	12,288
15	6	99 164	59 190,255	1 518 972,629	25,663	25,199	65	56	82 730	8 841,817	109 432,138	12,377	11,913
16	7	99 142	57 175,589	1 459 782,374	25,532	25,068	66	57	81 185	8 383,224	100 590,321	11,999	11,535
17	8	99 114	55 226,852	1 402 606,786	25,397	24,933	67	58	79 521	7 933,748	92 207,097	11,622	11,158
18	9	99 081	53 341,205	1 347 379,934	25,260	24,796	68	59	77 757	7 495,450	84 273,349	11,243	10,779
19	10	99 037	51 514,764	1 294 038,729	25,120	24,656	69	60	75 877	7 066,856	76 777,899	10,865	10,400
20	11	98 992	49 749,869	1 242 523,965	24,975	24,511	70	61	73 897	6 649,662	69 711,044	10,483	10,019
21	12	98 943	48 043,976	1 192 774,096	24,827	24,363	71	62	71 830	6 245,084	63 061,381	10,098	9,634
22	13	98 897	46 397,594	1 144 730,120	24,672	24,208	72	63	69 610	5 847,407	56 816,297	9,716	9,252
23	14	98 848	44 806,258	1 098 332,526	24,513	24,049	73	64	67 322	5 463,987	50 968,890	9,328	8,864
24	15	98 797	43 268,888	1 053 526,268	24,348	23,884	74	65	64 896	5 089,029	45 504,903	8,942	8,478
25	16	98 740	41 781,701	1 010 257,380	24,179	23,715	75	66	62 369	4 725,435	40 415,874	8,553	8,089
26	17	98 684	40 345,805	968 475,679	24,004	23,540	76	67	59 706	4 370,700	35 690,439	8,166	7,702
27	18	98 628	38 959,224	928 129,874	23,823	23,359	77	68	56 932	4 026,724	31 319,739	7,778	7,314
28	19	98 568	37 618,726	889 170,650	23,636	23,172	78	69	54 083	3 695,813	27 293,015	7,385	6,921
29	20	98 506	36 323,813	851 551,924	23,443	22,979	79	70	51 067	3 371,759	23 597,202	6,998	6,534
30	21	98 441	35 072,416	815 228,111	23,244	22,780	80	71	47 932	3 057,700	20 225,443	6,615	6,151
31	22	98 372	33 862,746	780 155,695	23,039	22,575	81	72	44 633	2 750,957	17 167,743	6,241	5,777
32	23	98 299	32 693,375	746 292,949	22,827	22,363	82	73	41 231	2 455,345	14 416,785	5,872	5,408
33	24	98 223	31 563,341	713 599,574	22,608	22,144	83	74	37 727	2 170,726	11 961,440	5,510	5,046
34	25	98 138	30 469,595	682 036,233	22,384	21,920	84	75	34 115	1 896,493	9 790,715	5,163	4,699
35	26	98 050	29 412,815	651 566,638	22,152	21,688	85	76	30 434	1 634,654	7 894,222	4,829	4,365
36	27	97 959	28 391,661	622 153,823	21,913	21,449	86	77	26 727	1 387,006	6 259,567	4,513	4,049
37	28	97 852	27 401,583	593 762,162	21,669	21,205	87	78	23 096	1 158,029	4 872,562	4,208	3,744
38	29	97 731	26 442,255	566 360,578	21,419	20,955	88	79	19 568	947,985	3 714,533	3,918	3,454
39	30	97 607	25 515,817	539 918,323	21,160	20,696	89	80	16 183	757,454	2 766,548	3,652	3,188
40	31	97 467	24 617,534	514 402,507	20,896	20,432	90	81	13 033	589,406	2 009,094	3,409	2,945
41	32	97 315	23 747,972	489 784,973	20,624	20,160	91	82	10 213	446,245	1 419,688	3,181	2,717
42	33	97 141	22 903,917	466 037,000	20,347	19,883	92	83	7 780	328,431	973,443	2,964	2,500
43	34	96 970	22 090,345	443 133,084	20,060	19,596	93	84	5 704	232,671	645,012	2,772	2,308
44	35	96 778	21 301,157	421 042,739	19,766	19,302	94	85	4 032	158,911	412,342	2,595	2,131
45	36	96 566	20 535,551	399 741,582	19,466	19,002	95	86	2 727	103,836	253,431	2,441	1,977
46	37	96 338	19 794,380	379 206,031	19,157	18,693	96	87	1 769	65,072	149,595	2,299	1,835
47	38	96 091	19 075,918	359 411,652	18,841	18,377	97	88	1 092	38,824	84,523	2,177	1,713
48	39	95 814	18 377,677	340 335,733	18,519	18,055	98	89	646	22,187	45,698	2,060	1,596
49	40	95 500	17 698,087	321 958,057	18,192	17,728	99	90	365	12,101	23,511	1,943	1,479
							100	91	193	6,176	11,410	1,848	1,384

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	40	95 220	17 049,383	305 485,612	17,918	17,454
							51	41	94 853	16 409,505	288 436,229	17,577	17,113
							52	42	94 445	15 786,289	272 026,724	17,232	16,768
							53	43	93 992	15 179,247	256 240,435	16,881	16,417
							54	44	93 483	14 586,661	241 061,188	16,526	16,062
							55	45	92 927	14 009,544	226 474,526	16,166	15,702
							56	46	92 299	13 444,340	212 464,982	15,803	15,339
							57	47	91 606	12 892,142	199 020,642	15,437	14,973
							58	48	90 840	12 352,045	186 128,501	15,069	14,605
							59	49	90 002	11 824,197	173 776,456	14,697	14,233
10	0	99 558	70 578,266	1 849 358,698	26,203	25,739	60	50	89 070	11 305,999	161 952,258	14,324	13,860
11	1	99 262	67 989,297	1 778 780,432	26,163	25,699	61	51	88 056	10 799,354	150 646,259	13,950	13,486
12	2	99 233	65 670,993	1 710 791,135	26,051	25,587	62	52	86 942	10 302,193	139 846,905	13,574	13,110
13	3	99 212	63 436,281	1 645 120,142	25,933	25,469	63	53	85 731	9 815,135	129 544,712	13,198	12,734
14	4	99 192	61 279,287	1 581 683,861	25,811	25,347	64	54	84 411	9 337,170	119 729,577	12,823	12,359
15	5	99 171	59 194,276	1 520 404,574	25,685	25,221	65	55	82 989	8 869,422	110 392,408	12,446	11,982
16	6	99 149	57 179,764	1 461 210,298	25,555	25,091	66	56	81 460	8 411,668	101 522,986	12,069	11,605
17	7	99 119	55 229,482	1 404 030,534	25,422	24,958	67	57	79 821	7 963,662	93 111,317	11,692	11,228
18	8	99 088	53 345,049	1 348 801,052	25,284	24,820	68	58	78 083	7 526,864	85 147,656	11,313	10,848
19	9	99 042	51 517,502	1 295 456,003	25,146	24,682	69	59	76 230	7 099,759	77 620,792	10,933	10,469
20	10	98 997	49 752,634	1 243 938,500	25,002	24,538	70	60	74 277	6 683,930	70 521,032	10,551	10,087
21	11	98 951	48 047,671	1 194 185,866	24,854	24,390	71	61	72 233	6 280,166	63 837,103	10,165	9,701
22	12	98 903	46 400,526	1 146 138,194	24,701	24,237	72	62	70 038	5 883,425	57 556,937	9,783	9,319
23	13	98 856	44 809,800	1 099 737,668	24,542	24,078	73	63	67 780	5 501,176	51 673,512	9,393	8,929
24	14	98 806	43 272,880	1 054 927,869	24,378	23,914	74	64	65 381	5 127,014	46 172,335	9,006	8,542
25	15	98 752	41 786,539	1 011 654,989	24,210	23,746	75	65	62 873	4 763,609	41 045,321	8,616	8,152
26	16	98 697	40 350,963	969 868,450	24,036	23,572	76	66	60 233	4 409,316	36 281,712	8,228	7,764
27	17	98 641	38 964,276	929 517,487	23,856	23,392	77	67	57 470	4 064,762	31 872,397	7,841	7,377
28	18	98 584	37 624,834	890 553,210	23,669	23,205	78	68	54 640	3 733,913	27 807,635	7,447	6,983
29	19	98 522	36 329,784	852 928,377	23,477	23,013	79	69	51 664	3 411,145	24 073,721	7,057	6,593
30	20	98 457	35 078,158	816 598,592	23,279	22,815	80	70	48 541	3 096,568	20 662,576	6,673	6,209
31	21	98 389	33 868,497	781 520,435	23,075	22,611	81	71	45 258	2 789,493	17 566,009	6,297	5,833
32	22	98 316	32 698,861	747 651,938	22,865	22,401	82	72	41 856	2 492,604	14 776,516	5,928	5,464
33	23	98 239	31 568,505	714 953,077	22,648	22,184	83	73	38 369	2 207,674	12 283,912	5,564	5,100
34	24	98 154	30 474,601	683 384,573	22,425	21,961	84	74	34 747	1 931,634	10 076,238	5,216	4,752
35	25	98 069	29 418,534	652 909,971	22,194	21,730	85	75	31 059	1 668,219	8 144,604	4,882	4,418
36	26	97 976	28 396,723	623 491,438	21,956	21,492	86	76	27 332	1 418,422	6 476,386	4,566	4,102
37	27	97 872	27 407,332	595 094,715	21,713	21,249	87	77	23 662	1 186,430	5 057,964	4,263	3,799
38	28	97 754	26 448,549	567 687,383	21,464	21,000	88	78	20 116	974,498	3 871,534	3,973	3,509
39	29	97 632	25 522,114	541 238,833	21,207	20,743	89	79	16 697	781,532	2 897,035	3,707	3,243
40	30	97 495	24 624,498	515 716,719	20,943	20,479	90	80	13 509	610,949	2 115,503	3,463	2,999
41	31	97 347	23 755,622	491 092,221	20,673	20,209	91	81	10 643	465,040	1 504,555	3,235	2,771
42	32	97 174	22 911,613	467 336,600	20,397	19,933	92	82	8 163	344,629	1 039,515	3,016	2,552
43	33	97 004	22 098,084	444 424,986	20,111	19,647	93	83	6 037	246,263	694,886	2,822	2,358
44	34	96 815	21 309,292	422 326,902	19,819	19,355	94	84	4 307	169,738	448,622	2,643	2,179
45	35	96 611	20 545,144	401 017,610	19,519	19,055	95	85	2 944	112,097	278,884	2,488	2,024
46	36	96 384	19 803,823	380 472,466	19,212	18,748	96	86	1 934	71,139	166,787	2,345	1,881
47	37	96 139	19 085,555	360 668,643	18,897	18,433	97	87	1 212	43,095	95,648	2,219	1,755
48	38	95 867	18 387,865	341 583,087	18,577	18,113	98	88	729	25,022	52,554	2,100	1,636
49	39	95 562	17 709,610	323 195,222	18,250	17,786	99	89	419	13,891	27,531	1,982	1,518
							100	90	226	7,241	13,641	1,884	1,420

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	39	95 282	17 060,484	306 607,927	17,972	17,508
0							51	40	94 914	16 419,901	289 547,443	17,634	17,170
1							52	41	94 514	15 797,868	273 127,542	17,289	16,825
2							53	42	94 067	15 191,505	257 329,674	16,939	16,475
3							54	43	93 567	14 599,738	242 138,170	16,585	16,121
4							55	44	93 015	14 022,808	227 538,432	16,226	15,762
5							56	45	92 399	13 458,817	213 515,624	15,864	15,400
6							57	46	91 715	12 907,426	200 056,807	15,499	15,035
7							58	47	90 959	12 368,116	187 149,380	15,132	14,668
8							59	48	90 139	11 842,163	174 781,265	14,759	14,295
9							60	49	89 220	11 325,072	162 939,102	14,387	13,923
10							61	50	88 219	10 819,303	151 614,030	14,013	13,549
11	0	99 550	68 186,484	1 780 322,426	26,110	25,646	62	51	87 123	10 323,630	140 794,726	13,638	13,174
12	1	99 255	65 685,602	1 712 135,943	26,066	25,602	63	52	85 920	9 836,819	130 471,096	13,264	12,800
13	2	99 225	63 444,618	1 646 450,340	25,951	25,487	64	53	84 620	9 360,370	120 634,277	12,888	12,424
14	3	99 202	61 285,397	1 583 005,723	25,830	25,366	65	54	83 218	8 893,918	111 273,907	12,511	12,047
15	4	99 180	59 199,726	1 521 720,326	25,705	25,241	66	55	81 714	8 437,930	102 379,989	12,133	11,669
16	5	99 156	57 183,649	1 462 520,600	25,576	25,112	67	56	80 092	7 990,683	93 942,058	11,756	11,292
17	6	99 126	55 233,515	1 405 336,951	25,444	24,980	68	57	78 378	7 555,244	85 951,375	11,376	10,912
18	7	99 093	53 347,590	1 350 103,436	25,308	24,844	69	58	76 550	7 129,515	78 396,132	10,996	10,532
19	8	99 050	51 521,215	1 296 755,846	25,169	24,705	70	59	74 623	6 715,050	71 266,617	10,613	10,149
20	9	99 003	49 755,279	1 245 234,630	25,027	24,563	71	60	72 605	6 312,529	64 551,567	10,226	9,762
21	10	98 956	48 050,343	1 195 479,351	24,880	24,416	72	61	70 432	5 916,476	58 239,037	9,844	9,380
22	11	98 911	46 404,095	1 147 429,009	24,727	24,263	73	62	68 197	5 535,061	52 322,562	9,453	8,989
23	12	98 862	44 812,632	1 101 024,914	24,570	24,105	74	63	65 826	5 161,910	46 787,500	9,064	8,600
24	13	98 814	43 276,300	1 056 212,282	24,406	23,942	75	64	63 342	4 799,165	41 625,591	8,674	8,209
25	14	98 761	41 790,394	1 012 935,982	24,238	23,774	76	65	60 720	4 444,936	36 826,426	8,285	7,821
26	15	98 708	40 355,635	971 145,588	24,065	23,601	77	66	57 978	4 100,675	32 381,490	7,897	7,433
27	16	98 653	38 969,258	930 789,952	23,885	23,421	78	67	55 156	3 769,185	28 280,815	7,503	7,039
28	17	98 596	37 629,712	891 820,694	23,700	23,236	79	68	52 197	3 446,311	24 511,630	7,112	6,648
29	18	98 538	36 335,682	854 190,982	23,508	23,044	80	69	49 108	3 132,739	21 065,319	6,724	6,260
30	19	98 473	35 083,924	817 855,300	23,311	22,847	81	70	45 833	2 824,951	17 932,580	6,348	5,884
31	20	98 405	33 874,041	782 771,375	23,108	22,644	82	71	42 443	2 527,521	15 107,629	5,977	5,513
32	21	98 333	32 704,414	748 897,334	22,899	22,435	83	72	38 952	2 241,175	12 580,108	5,613	5,149
33	22	98 256	31 573,802	716 192,920	22,683	22,219	84	73	35 338	1 964,512	10 338,933	5,263	4,799
34	23	98 170	30 479,586	684 619,118	22,462	21,998	85	74	31 634	1 699,129	8 374,422	4,929	4,465
35	24	98 085	29 423,367	654 139,532	22,232	21,768	86	75	27 893	1 447,547	6 675,292	4,611	4,147
36	25	97 995	28 402,245	624 716,164	21,995	21,531	87	76	24 198	1 213,303	5 227,746	4,309	3,845
37	26	97 890	27 412,218	596 313,920	21,754	21,290	88	77	20 609	998,399	4 014,443	4,021	3,557
38	27	97 775	26 454,098	568 901,702	21,505	21,041	89	78	17 164	803,390	3 016,044	3,754	3,290
39	28	97 655	25 528,190	542 447,604	21,249	20,785	90	79	13 939	630,369	2 212,654	3,510	3,046
40	29	97 519	24 630,576	516 919,414	20,987	20,523	91	80	11 032	482,037	1 582,285	3,282	2,818
41	30	97 374	23 762,341	492 288,838	20,717	20,253	92	81	8 507	359,144	1 100,247	3,064	2,600
42	31	97 205	22 918,993	468 526,497	20,443	19,979	93	82	6 335	258,409	741,103	2,868	2,404
43	32	97 037	22 105,510	445 607,504	20,158	19,694	94	83	4 559	179,654	482,694	2,687	2,223
44	33	96 849	21 316,758	423 501,994	19,867	19,403	95	84	3 145	119,735	303,040	2,531	2,067
45	34	96 648	20 552,991	402 185,236	19,568	19,104	96	85	2 087	76,798	183,305	2,387	1,923
46	35	96 429	19 813,075	381 632,245	19,262	18,798	97	86	1 325	47,113	106,507	2,261	1,797
47	36	96 185	19 094,660	361 819,170	18,949	18,485	98	87	809	27,775	59,394	2,138	1,674
48	37	95 915	18 397,155	342 724,510	18,629	18,165	99	88	472	15,665	31,620	2,018	1,554
49	38	95 615	17 719,428	324 327,355	18,303	17,839	100	89	259	8,311	15,954	1,920	1,456

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	17 069,942	307 634,646	18,022	17,558
1							51	39	94 975	16 430,592	290 564,703	17,684	17,220
2							52	40	94 574	15 807,876	274 134,112	17,342	16,878
3							53	41	94 136	15 202,647	258 326,236	16,992	16,528
4							54	42	93 643	14 611,528	243 123,589	16,639	16,175
5							55	43	93 099	14 035,379	228 512,061	16,281	15,817
6							56	44	92 486	13 471,559	214 476,682	15,921	15,457
7							57	45	91 814	12 921,325	201 005,123	15,556	15,092
8							58	46	91 066	12 382,779	188 083,797	15,189	14,725
9							59	47	90 256	11 857,570	175 701,018	14,818	14,354
10							60	48	89 356	11 342,279	163 843,448	14,445	13,981
11							61	49	88 368	10 837,555	152 501,168	14,072	13,608
12	0	99 543	65 876,108	1 713 558,456	26,012	25,548	62	50	87 284	10 342,701	141 663,614	13,697	13,233
13	1	99 247	63 458,732	1 647 682,349	25,965	25,501	63	51	86 099	9 857,288	131 320,913	13,322	12,858
14	2	99 215	61 293,451	1 584 223,617	25,847	25,383	64	52	84 807	9 381,050	121 463,625	12,948	12,484
15	3	99 190	59 205,629	1 522 930,166	25,723	25,259	65	53	83 425	8 916,017	112 082,575	12,571	12,107
16	4	99 165	57 188,913	1 463 724,537	25,595	25,131	66	54	81 940	8 461,235	103 166,558	12,193	11,729
17	5	99 133	55 237,268	1 406 535,624	25,464	25,000	67	55	80 342	8 015,631	94 705,323	11,815	11,351
18	6	99 100	53 351,486	1 351 298,356	25,328	24,864	68	56	78 644	7 580,879	86 689,692	11,435	10,971
19	7	99 054	51 523,669	1 297 946,870	25,191	24,727	69	57	76 838	7 156,396	79 108,813	11,054	10,590
20	8	99 010	49 758,865	1 246 423,201	25,049	24,585	70	58	74 936	6 743,193	71 952,417	10,670	10,206
21	9	98 962	48 052,897	1 196 664,336	24,903	24,439	71	59	72 943	6 341,921	65 209,223	10,282	9,818
22	10	98 916	46 406,675	1 148 611,439	24,751	24,287	72	60	70 795	5 946,965	58 867,303	9,899	9,435
23	11	98 869	44 816,078	1 102 204,764	24,594	24,130	73	61	68 581	5 566,155	52 920,338	9,508	9,043
24	12	98 820	43 279,035	1 057 388,686	24,432	23,968	74	62	66 231	5 193,705	47 354,183	9,118	8,654
25	13	98 769	41 793,697	1 014 109,651	24,265	23,801	75	63	63 773	4 831,829	42 160,478	8,726	8,262
26	14	98 717	40 359,358	972 315,953	24,091	23,627	76	64	61 173	4 478,113	37 328,649	8,336	7,872
27	15	98 665	38 973,770	931 956,595	23,912	23,448	77	65	58 446	4 133,802	32 850,536	7,947	7,483
28	16	98 609	37 634,524	892 982,824	23,728	23,264	78	66	55 644	3 802,486	28 716,734	7,552	7,088
29	17	98 551	36 340,394	855 348,301	23,537	23,073	79	67	52 690	3 478,866	24 914,247	7,162	6,698
30	18	98 489	35 089,620	819 007,907	23,340	22,876	80	68	49 614	3 165,035	21 435,381	6,773	6,309
31	19	98 421	33 879,610	783 918,287	23,138	22,674	81	69	46 368	2 857,950	18 270,346	6,393	5,929
32	20	98 349	32 709,768	750 038,677	22,930	22,466	82	70	42 982	2 559,649	15 412,396	6,021	5,557
33	21	98 273	31 579,164	717 328,909	22,715	22,251	83	71	39 497	2 272,569	12 852,748	5,656	5,192
34	22	98 187	30 484,701	685 749,745	22,495	22,031	84	72	35 874	1 994,323	10 580,179	5,305	4,841
35	23	98 102	29 428,181	655 265,044	22,267	21,803	85	73	32 173	1 728,050	8 585,856	4,969	4,504
36	24	98 011	28 406,911	625 836,863	22,031	21,567	86	74	28 410	1 474,368	6 857,806	4,651	4,187
37	25	97 909	27 417,548	597 429,952	21,790	21,326	87	75	24 695	1 238,216	5 383,438	4,348	3,884
38	26	97 792	26 458,814	570 012,404	21,543	21,079	88	76	21 076	1 021,013	4 145,221	4,060	3,596
39	27	97 675	25 533,545	543 553,590	21,288	20,824	89	77	17 585	823,094	3 124,209	3,796	3,332
40	28	97 542	24 636,439	518 020,044	21,027	20,563	90	78	14 329	648,000	2 301,115	3,551	3,087
41	29	97 398	23 768,206	493 383,605	20,758	20,294	91	79	11 383	497,360	1 653,115	3,324	2,860
42	30	97 233	22 925,476	469 615,399	20,484	20,020	92	80	8 818	372,271	1 155,755	3,105	2,641
43	31	97 068	22 112,630	446 689,923	20,201	19,737	93	81	6 602	269,293	783,484	2,909	2,445
44	32	96 882	21 323,921	424 577,293	19,911	19,447	94	82	4 783	188,515	514,191	2,728	2,264
45	33	96 681	20 560,192	403 253,372	19,613	19,149	95	83	3 328	126,730	325,677	2,570	2,106
46	34	96 466	19 820,642	382 693,180	19,308	18,844	96	84	2 230	82,031	198,947	2,425	1,961
47	35	96 230	19 103,581	362 872,538	18,995	18,531	97	85	1 431	50,861	116,916	2,299	1,835
48	36	95 961	18 405,932	343 768,957	18,677	18,213	98	86	884	30,364	66,055	2,175	1,711
49	37	95 663	17 728,380	325 363,026	18,353	17,889	99	87	524	17,389	35,691	2,053	1,589
							100	88	292	9,373	18,303	1,953	1,489

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	37	95 383	17 078,566	308 573,623	18,068	17,604
							51	38	95 028	16 439,701	291 495,057	17,731	17,267
							52	39	94 636	15 818,168	275 055,356	17,389	16,925
							53	40	94 196	15 212,279	259 237,188	17,041	16,577
							54	41	93 712	14 622,245	244 024,910	16,689	16,225
							55	42	93 174	14 046,713	229 402,665	16,331	15,867
							56	43	92 569	13 483,636	215 355,952	15,972	15,508
							57	44	91 901	12 933,559	201 872,316	15,608	15,144
							58	45	91 165	12 396,113	188 938,757	15,242	14,778
							59	46	90 363	11 871,629	176 542,644	14,871	14,407
							60	47	89 472	11 357,036	164 671,015	14,499	14,035
							61	48	88 502	10 854,021	153 313,979	14,125	13,661
							62	49	87 431	10 360,148	142 459,958	13,751	13,287
13	0	99 535	63 642,778	1 648 994,891	25,910	25,446	63	50	86 258	9 875,497	132 099,810	13,377	12,912
14	1	99 237	61 307,087	1 585 352,112	25,859	25,395	64	51	84 984	9 400,570	122 224,312	13,002	12,538
15	2	99 203	59 213,410	1 524 045,026	25,738	25,274	65	52	83 609	8 935,715	112 823,742	12,626	12,162
16	3	99 175	57 194,615	1 464 831,616	25,611	25,147	66	53	82 144	8 482,259	103 888,027	12,248	11,784
17	4	99 142	55 242,353	1 407 637,001	25,481	25,017	67	54	80 564	8 037,769	95 405,768	11,870	11,406
18	5	99 107	53 355,111	1 352 394,647	25,347	24,883	68	55	78 889	7 604,547	87 367,999	11,489	11,025
19	6	99 062	51 527,432	1 299 039,536	25,211	24,747	69	56	77 099	7 180,679	79 763,452	11,108	10,644
20	7	99 014	49 761,235	1 247 512,105	25,070	24,606	70	57	75 218	6 768,618	72 582,773	10,723	10,259
21	8	98 969	48 056,360	1 197 750,870	24,924	24,460	71	58	73 249	6 368,500	65 814,155	10,334	9,870
22	9	98 922	46 409,142	1 149 694,510	24,773	24,309	72	59	71 124	5 974,654	59 445,655	9,950	9,486
23	10	98 875	44 818,570	1 103 285,368	24,617	24,153	73	60	68 934	5 594,838	53 471,001	9,557	9,093
24	11	98 828	43 282,364	1 058 466,798	24,455	23,991	74	61	66 603	5 222,881	47 876,162	9,167	8,703
25	12	98 775	41 796,339	1 015 184,434	24,289	23,825	75	62	64 166	4 861,591	42 653,281	8,774	8,309
26	13	98 725	40 362,549	973 388,096	24,116	23,652	76	63	61 590	4 508,592	37 791,690	8,382	7,918
27	14	98 674	38 977,366	933 025,547	23,938	23,474	77	64	58 882	4 164,657	33 283,097	7,992	7,528
28	15	98 620	37 638,881	894 048,181	23,753	23,289	78	65	56 093	3 833,205	29 118,441	7,596	7,132
29	16	98 563	36 345,040	856 409,300	23,563	23,099	79	66	53 155	3 509,602	25 285,236	7,205	6,741
30	17	98 502	35 094,170	820 064,259	23,368	22,904	80	67	50 083	3 194,933	21 775,634	6,816	6,352
31	18	98 437	33 885,110	784 970,089	23,166	22,702	81	68	46 847	2 887,413	18 580,701	6,435	5,971
32	19	98 365	32 715,145	751 084,979	22,958	22,494	82	69	43 484	2 589,548	15 693,288	6,060	5,596
33	20	98 289	31 584,334	718 369,834	22,744	22,280	83	70	39 999	2 301,456	13 103,739	5,694	5,230
34	21	98 204	30 489,878	686 785,500	22,525	22,061	84	71	36 377	2 022,259	10 802,283	5,342	4,878
35	22	98 118	29 433,119	656 295,622	22,298	21,834	85	72	32 661	1 754,273	8 780,024	5,005	4,541
36	23	98 027	28 411,558	626 862,503	22,064	21,600	86	73	28 894	1 499,463	7 025,751	4,686	4,221
37	24	97 925	27 422,053	598 450,945	21,824	21,360	87	74	25 152	1 261,159	5 526,288	4,382	3,918
38	25	97 811	26 463,959	571 028,892	21,578	21,114	88	75	21 508	1 041,977	4 265,128	4,093	3,629
39	26	97 693	25 538,097	544 564,933	21,324	20,860	89	76	17 983	841,737	3 223,151	3,829	3,365
40	27	97 563	24 641,607	519 026,836	21,063	20,599	90	77	14 680	663,892	2 381,414	3,587	3,123
41	28	97 421	23 773,864	494 385,229	20,795	20,331	91	78	11 701	511,271	1 717,522	3,359	2,895
42	29	97 257	22 931,135	470 611,364	20,523	20,059	92	79	9 098	384,105	1 206,251	3,140	2,676
43	30	97 095	22 118,885	447 680,229	20,240	19,776	93	80	6 843	279,135	822,146	2,945	2,481
44	31	96 913	21 330,790	425 561,345	19,951	19,487	94	81	4 985	196,454	543,011	2,764	2,300
45	32	96 714	20 567,100	404 230,555	19,654	19,190	95	82	3 492	132,980	346,557	2,606	2,142
46	33	96 500	19 827,586	383 663,455	19,350	18,886	96	83	2 360	86,823	213,576	2,460	1,996
47	34	96 267	19 110,877	363 835,868	19,038	18,574	97	84	1 528	54,326	126,753	2,333	1,869
48	35	96 006	18 414,530	344 724,991	18,720	18,256	98	85	954	32,780	72,427	2,210	1,745
49	36	95 709	17 736,838	326 310,461	18,397	17,933	99	86	573	19,010	39,648	2,086	1,622
							100	87	325	10,405	20,638	1,984	1,520

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	17 086,714	309 432,385	18,110	17,646
1							51	37	95 076	16 448,006	292 345,672	17,774	17,310
2							52	38	94 688	15 826,938	275 897,666	17,432	16,968
3							53	39	94 257	15 222,183	260 070,728	17,085	16,621
4							54	40	93 771	14 631,508	244 848,545	16,734	16,270
5							55	41	93 242	14 057,016	230 217,037	16,377	15,913
6							56	42	92 644	13 494,524	216 160,021	16,018	15,554
7							57	43	91 983	12 945,153	202 665,496	15,656	15,192
8							58	44	91 251	12 407,849	189 720,343	15,290	14,826
9							59	45	90 460	11 884,412	177 312,494	14,920	14,456
10							60	46	89 578	11 370,501	165 428,081	14,549	14,085
11							61	47	88 617	10 868,143	154 057,580	14,175	13,711
12							62	48	87 564	10 375,890	143 189,437	13,800	13,336
13							63	49	86 404	9 892,157	132 813,548	13,426	12,962
14	0	99 525	61 484,893	1 586 563,451	25,804	25,340	64	50	85 141	9 417,936	122 921,391	13,052	12,588
15	1	99 225	59 226,582	1 525 078,558	25,750	25,286	65	51	83 783	8 954,309	113 503,455	12,676	12,212
16	2	99 188	57 202,132	1 465 851,976	25,626	25,162	66	52	82 325	8 500,999	104 549,146	12,298	11,834
17	3	99 152	55 247,862	1 408 649,844	25,497	25,033	67	53	80 764	8 057,741	96 048,148	11,920	11,456
18	4	99 116	53 360,023	1 353 401,982	25,364	24,900	68	54	79 107	7 625,550	87 990,407	11,539	11,075
19	5	99 068	51 530,933	1 300 041,959	25,228	24,764	69	55	77 340	7 203,097	80 364,857	11,157	10,693
20	6	99 022	49 764,869	1 248 511,026	25,088	24,624	70	56	75 474	6 791,585	73 161,760	10,772	10,308
21	7	98 973	48 058,649	1 198 746,158	24,943	24,479	71	57	73 525	6 392,512	66 370,175	10,382	9,918
22	8	98 929	46 412,486	1 150 687,509	24,793	24,329	72	58	71 422	5 999,694	59 977,663	9,997	9,533
23	9	98 880	44 820,952	1 104 275,022	24,637	24,173	73	59	69 255	5 620,888	53 977,969	9,603	9,139
24	10	98 833	43 284,770	1 059 454,070	24,476	24,012	74	60	66 947	5 249,796	48 357,080	9,211	8,747
25	11	98 783	41 799,553	1 016 169,300	24,311	23,847	75	61	64 526	4 888,902	43 107,284	8,817	8,353
26	12	98 731	40 365,100	974 369,746	24,139	23,675	76	62	61 969	4 536,364	38 218,383	8,425	7,961
27	13	98 682	38 980,447	934 004,647	23,961	23,497	77	63	59 283	4 193,002	33 682,019	8,033	7,569
28	14	98 629	37 642,354	895 024,200	23,777	23,313	78	64	56 512	3 861,816	29 489,017	7,636	7,172
29	15	98 575	36 349,249	857 381,846	23,587	23,123	79	65	53 585	3 537,954	25 627,201	7,244	6,779
30	16	98 515	35 098,657	821 032,598	23,392	22,928	80	66	50 525	3 223,161	22 089,247	6,853	6,389
31	17	98 450	33 889,504	785 933,941	23,191	22,727	81	67	47 289	2 914,688	18 866,086	6,473	6,009
32	18	98 381	32 720,456	752 044,437	22,984	22,520	82	68	43 933	2 616,244	15 951,398	6,097	5,633
33	19	98 305	31 589,526	719 323,980	22,771	22,307	83	69	40 466	2 328,340	13 335,153	5,727	5,263
34	20	98 220	30 494,870	687 734,454	22,552	22,088	84	70	36 839	2 047,965	11 006,813	5,375	4,910
35	21	98 135	29 438,117	657 239,584	22,326	21,862	85	71	33 118	1 778,847	8 958,849	5,036	4,572
36	22	98 044	28 416,326	627 801,467	22,093	21,629	86	72	29 332	1 522,217	7 180,002	4,717	4,253
37	23	97 941	27 426,539	599 385,141	21,854	21,390	87	73	25 581	1 282,626	5 657,784	4,411	3,947
38	24	97 827	26 468,307	571 958,603	21,609	21,145	88	74	21 907	1 061,284	4 375,159	4,123	3,658
39	25	97 712	25 543,063	545 490,296	21,356	20,892	89	75	18 352	859,021	3 313,874	3,858	3,394
40	26	97 580	24 646,000	519 947,233	21,097	20,633	90	76	15 013	678,930	2 454,854	3,616	3,152
41	27	97 442	23 778,852	495 301,232	20,829	20,365	91	77	11 988	523,810	1 775,924	3,390	2,926
42	28	97 280	22 936,593	471 522,380	20,558	20,094	92	78	9 353	394,847	1 252,114	3,171	2,707
43	29	97 119	22 124,344	448 585,787	20,276	19,812	93	79	7 061	288,008	857,267	2,977	2,513
44	30	96 940	21 336,823	426 461,443	19,987	19,523	94	80	5 167	203,635	569,258	2,795	2,331
45	31	96 745	20 573,725	405 124,619	19,691	19,227	95	81	3 639	138,581	365,624	2,638	2,174
46	32	96 532	19 834,249	384 550,894	19,388	18,924	96	82	2 476	91,105	227,043	2,492	2,028
47	33	96 301	19 117,573	364 716,645	19,078	18,614	97	83	1 618	57,500	135,937	2,364	1,900
48	34	96 042	18 421,563	345 599,073	18,761	18,297	98	84	1 019	35,013	78,438	2,240	1,776
49	35	95 754	17 745,124	327 177,509	18,438	17,974	99	85	618	20,522	43,425	2,116	1,652
							100	86	355	11,375	22,902	2,013	1,549

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	17 094,696	310 218,107	18,147	17,683
1							51	36	95 121	16 455,853	293 123,411	17,813	17,349
2							52	37	94 736	15 834,933	276 667,558	17,472	17,008
3							53	38	94 310	15 230,622	260 832,624	17,126	16,662
4							54	39	93 832	14 641,035	245 602,002	16,775	16,311
5							55	40	93 301	14 065,921	230 960,967	16,420	15,956
6							56	41	92 712	13 504,422	216 895,046	16,061	15,597
7							57	42	92 057	12 955,607	203 390,624	15,699	15,235
8							58	43	91 333	12 418,973	190 435,017	15,334	14,870
9							59	44	90 546	11 895,664	178 016,044	14,965	14,501
10							60	45	89 674	11 382,745	166 120,380	14,594	14,130
11							61	46	88 722	10 881,028	154 737,635	14,221	13,757
12							62	47	87 678	10 389,389	143 856,607	13,846	13,382
13							63	48	86 535	9 907,187	133 467,218	13,472	13,008
14							64	49	85 285	9 433,823	123 560,031	13,098	12,634
15	0	99 513	59 398,355	1 526 196,751	25,694	25,230	65	50	83 938	8 970,850	114 126,208	12,722	12,258
16	1	99 210	57 214,857	1 466 798,397	25,637	25,173	66	51	82 497	8 518,688	105 155,358	12,344	11,880
17	2	99 165	55 255,122	1 409 583,539	25,510	25,046	67	52	80 942	8 075,543	96 636,670	11,967	11,503
18	3	99 126	53 365,343	1 354 328,417	25,378	24,914	68	53	79 304	7 644,498	88 561,127	11,585	11,121
19	4	99 077	51 535,677	1 300 963,074	25,244	24,780	69	54	77 553	7 222,991	80 916,630	11,203	10,739
20	5	99 028	49 768,250	1 249 427,397	25,105	24,641	70	55	75 709	6 812,789	73 693,638	10,817	10,353
21	6	98 981	48 062,158	1 199 659,147	24,961	24,497	71	56	73 775	6 414,202	66 880,850	10,427	9,963
22	7	98 933	46 414,697	1 151 596,988	24,811	24,347	72	57	71 692	6 022,316	60 466,647	10,040	9,576
23	8	98 887	44 824,182	1 105 182,291	24,656	24,192	73	58	69 545	5 644,446	54 444,332	9,646	9,182
24	9	98 839	43 287,071	1 060 358,109	24,496	24,032	74	59	67 258	5 274,239	48 799,886	9,252	8,788
25	10	98 788	41 801,877	1 017 071,038	24,331	23,867	75	60	64 859	4 914,095	43 525,647	8,857	8,393
26	11	98 739	40 368,204	975 269,160	24,159	23,695	76	61	62 317	4 561,847	38 611,551	8,464	8,000
27	12	98 688	38 982,910	934 900,956	23,982	23,518	77	62	59 648	4 218,830	34 049,705	8,071	7,607
28	13	98 637	37 645,329	895 918,046	23,799	23,335	78	63	56 896	3 888,100	29 830,875	7,672	7,208
29	14	98 584	36 352,602	858 272,717	23,610	23,146	79	64	53 985	3 564,362	25 942,775	7,278	6,814
30	15	98 526	35 102,721	821 920,115	23,415	22,951	80	65	50 934	3 249,199	22 378,413	6,887	6,423
31	16	98 463	33 893,837	786 817,394	23,214	22,750	81	66	47 707	2 940,440	19 129,214	6,506	6,042
32	17	98 394	32 724,699	752 923,557	23,008	22,544	82	67	44 348	2 640,958	16 188,774	6,130	5,666
33	18	98 321	31 594,655	720 198,857	22,795	22,331	83	68	40 884	2 352,343	13 547,816	5,759	5,295
34	19	98 236	30 499,883	688 604,203	22,577	22,113	84	69	37 270	2 071,887	11 195,472	5,404	4,939
35	20	98 151	29 442,937	658 104,320	22,352	21,888	85	70	33 539	1 801,458	9 123,585	5,065	4,601
36	21	98 061	28 421,151	628 661,383	22,119	21,655	86	71	29 743	1 543,541	7 322,127	4,744	4,280
37	22	97 957	27 431,141	600 240,232	21,882	21,418	87	72	25 969	1 302,089	5 778,586	4,438	3,974
38	23	97 843	26 472,637	572 809,091	21,638	21,174	88	73	22 280	1 079,348	4 476,497	4,147	3,683
39	24	97 728	25 547,260	546 336,454	21,385	20,921	89	74	18 693	874,938	3 397,149	3,883	3,419
40	25	97 599	24 650,793	520 789,194	21,127	20,663	90	75	15 321	692,870	2 522,211	3,640	3,176
41	26	97 459	23 783,091	496 138,401	20,861	20,397	91	76	12 259	535,674	1 829,341	3,415	2,951
42	27	97 300	22 941,405	472 355,310	20,590	20,126	92	77	9 582	404,531	1 293,667	3,198	2,734
43	28	97 142	22 129,611	449 413,905	20,308	19,844	93	78	7 258	296,064	889,135	3,003	2,539
44	29	96 964	21 342,090	427 284,294	20,021	19,557	94	79	5 331	210,108	593,072	2,823	2,359
45	30	96 772	20 579,545	405 942,204	19,726	19,261	95	80	3 772	143,646	382,964	2,666	2,202
46	31	96 563	19 840,638	385 362,659	19,423	18,959	96	81	2 581	94,942	239,318	2,521	2,057
47	32	96 333	19 123,996	365 522,022	19,113	18,649	97	82	1 697	60,336	144,375	2,393	1,929
48	33	96 076	18 428,017	346 398,025	18,797	18,333	98	83	1 079	37,059	84,039	2,268	1,804
49	34	95 790	17 751,901	327 970,008	18,475	18,011	99	84	661	21,920	46,981	2,143	1,679
							100	85	383	12,279	25,061	2,041	1,577

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	17 101,225	310 936,049	18,182	17,718
1							51	35	95 166	16 463,541	293 834,825	17,848	17,384
2							52	36	94 781	15 842,488	277 371,284	17,508	17,044
3							53	37	94 357	15 238,317	261 528,796	17,163	16,699
4							54	38	93 884	14 649,152	246 290,479	16,813	16,349
5							55	39	93 362	14 075,079	231 641,328	16,458	15,994
6							56	40	92 771	13 512,978	217 566,248	16,101	15,637
7							57	41	92 125	12 965,109	204 053,270	15,739	15,275
8							58	42	91 406	12 429,001	191 088,161	15,374	14,910
9							59	43	90 627	11 906,328	178 659,160	15,005	14,541
10							60	44	89 759	11 393,521	166 752,832	14,636	14,172
11							61	45	88 818	10 892,745	155 359,310	14,263	13,799
12							62	46	87 782	10 401,707	144 466,565	13,889	13,425
13							63	47	86 648	9 920,077	134 064,858	13,514	13,050
14							64	48	85 414	9 448,157	124 144,781	13,140	12,676
15							65	49	84 079	8 985,983	114 696,625	12,764	12,300
16	0	99 497	57 380,795	1 467 830,849	25,581	25,116	66	50	82 649	8 534,425	105 710,641	12,386	11,922
17	1	99 187	55 267,414	1 410 450,054	25,520	25,056	67	51	81 111	8 092,346	97 176,217	12,008	11,544
18	2	99 139	53 372,357	1 355 182,640	25,391	24,927	68	52	79 479	7 661,386	89 083,870	11,628	11,164
19	3	99 087	51 540,815	1 301 810,283	25,258	24,794	69	53	77 746	7 240,939	81 422,484	11,245	10,781
20	4	99 037	49 772,832	1 250 269,468	25,120	24,655	70	54	75 918	6 831,605	74 181,545	10,859	10,395
21	5	98 987	48 065,424	1 200 496,636	24,976	24,512	71	55	74 005	6 434,228	67 349,941	10,467	10,003
22	6	98 941	46 418,086	1 152 431,212	24,827	24,363	72	56	71 935	6 042,750	60 915,713	10,081	9,617
23	7	98 892	44 826,317	1 106 013,125	24,673	24,209	73	57	69 807	5 665,728	54 872,963	9,685	9,221
24	8	98 846	43 290,191	1 061 186,808	24,513	24,049	74	58	67 540	5 296,344	49 207,235	9,291	8,827
25	9	98 793	41 804,099	1 017 896,617	24,349	23,885	75	59	65 161	4 936,975	43 910,891	8,894	8,430
26	10	98 744	40 370,449	976 092,518	24,178	23,714	76	60	62 638	4 585,355	38 973,916	8,500	8,036
27	11	98 695	38 985,909	935 722,069	24,002	23,538	77	61	59 983	4 242,529	34 388,560	8,106	7,642
28	12	98 643	37 647,708	896 736,161	23,819	23,355	78	62	57 247	3 912,050	30 146,031	7,706	7,242
29	13	98 592	36 355,476	859 088,452	23,630	23,166	79	63	54 352	3 588,622	26 233,982	7,310	6,846
30	14	98 535	35 105,959	822 732,977	23,436	22,972	80	64	51 314	3 273,451	22 645,360	6,918	6,454
31	15	98 474	33 897,761	787 627,017	23,235	22,771	81	65	48 092	2 964,194	19 371,909	6,535	6,071
32	16	98 406	32 728,883	753 729,256	23,029	22,565	82	66	44 739	2 664,292	16 407,715	6,158	5,694
33	17	98 333	31 598,752	721 000,373	22,817	22,353	83	67	41 270	2 374,564	13 743,423	5,788	5,324
34	18	98 252	30 504,834	689 401,621	22,600	22,136	84	68	37 654	2 093,247	11 368,859	5,431	4,967
35	19	98 167	29 447,777	658 896,787	22,375	21,911	85	69	33 931	1 822,501	9 275,612	5,089	4,625
36	20	98 077	28 425,804	629 449,010	22,144	21,680	86	70	30 121	1 563,161	7 453,111	4,768	4,304
37	21	97 974	27 435,799	601 023,206	21,907	21,443	87	71	26 333	1 320,329	5 889,950	4,461	3,997
38	22	97 860	26 477,079	573 587,406	21,664	21,200	88	72	22 618	1 095,727	4 569,621	4,170	3,706
39	23	97 744	25 551,439	547 110,327	21,412	20,948	89	73	19 011	889,830	3 473,894	3,904	3,440
40	24	97 615	24 654,843	521 558,888	21,154	20,690	90	74	15 605	705,709	2 584,064	3,662	3,198
41	25	97 478	23 787,716	496 904,045	20,889	20,425	91	75	12 511	546,673	1 878,355	3,436	2,972
42	26	97 318	22 945,495	473 116,329	20,619	20,155	92	76	9 799	413,694	1 331,682	3,219	2,755
43	27	97 163	22 134,254	450 170,834	20,338	19,874	93	77	7 436	303,325	917,988	3,026	2,562
44	28	96 987	21 347,170	428 036,581	20,051	19,587	94	78	5 480	215,984	614,663	2,846	2,382
45	29	96 796	20 584,624	406 689,411	19,757	19,293	95	79	3 892	148,212	398,679	2,690	2,226
46	30	96 591	19 846,250	386 104,786	19,455	18,991	96	80	2 675	98,413	250,467	2,545	2,081
47	31	96 364	19 130,156	366 258,536	19,146	18,682	97	81	1 769	62,877	152,054	2,418	1,954
48	32	96 108	18 434,210	347 128,380	18,831	18,367	98	82	1 132	38,886	89,177	2,293	1,829
49	33	95 824	17 758,121	328 694,170	18,510	18,045	99	83	699	23,201	50,291	2,168	1,704
							100	84	409	13,116	27,090	2,065	1,601

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	17 107,216	311 591,863	18,214	17,750
1							51	34	95 202	16 469,829	294 484,647	17,880	17,416
2							52	35	94 825	15 849,889	278 014,818	17,540	17,076
3							53	36	94 402	15 245,587	262 164,929	17,196	16,732
4							54	37	93 931	14 656,552	246 919,343	16,847	16,383
5							55	38	93 414	14 082,883	232 262,790	16,493	16,029
6							56	39	92 831	13 521,776	218 179,908	16,135	15,671
7							57	40	92 183	12 973,323	204 658,132	15,775	15,311
8							58	41	91 473	12 438,118	191 684,809	15,411	14,947
9							59	42	90 700	11 915,943	179 246,691	15,043	14,579
10							60	43	89 840	11 403,736	167 330,748	14,673	14,209
11							61	44	88 902	10 903,058	155 927,013	14,301	13,837
12							62	45	87 877	10 412,908	145 023,955	13,927	13,463
13							63	46	86 750	9 931,838	134 611,047	13,553	13,089
14							64	47	85 525	9 460,450	124 679,209	13,179	12,715
15							65	48	84 207	8 999,637	115 218,760	12,803	12,339
16							66	49	82 788	8 548,821	106 219,123	12,425	11,961
17	0	99 475	55 427,704	1 411 403,560	25,464	25,000	67	50	81 260	8 107,295	97 670,302	12,047	11,583
18	1	99 161	53 384,230	1 355 975,856	25,400	24,936	68	51	79 644	7 677,328	89 563,007	11,666	11,202
19	2	99 100	51 547,589	1 302 591,626	25,270	24,806	69	52	77 918	7 256,936	81 885,678	11,284	10,820
20	3	99 047	49 777,795	1 251 044,037	25,133	24,669	70	53	76 107	6 848,580	74 628,742	10,897	10,433
21	4	98 997	48 069,849	1 201 266,243	24,990	24,526	71	54	74 209	6 451,999	67 780,163	10,505	10,041
22	5	98 947	46 421,240	1 153 196,394	24,842	24,378	72	55	72 160	6 061,616	61 328,164	10,117	9,653
23	6	98 899	44 829,591	1 106 775,153	24,688	24,224	73	56	70 044	5 684,952	55 266,548	9,722	9,258
24	7	98 850	43 292,253	1 061 945,562	24,530	24,066	74	57	67 795	5 316,314	49 581,596	9,326	8,862
25	8	98 800	41 807,112	1 018 653,310	24,366	23,902	75	58	65 434	4 957,667	44 265,282	8,929	8,465
26	9	98 750	40 372,594	976 846,197	24,196	23,732	76	59	62 930	4 606,705	39 307,616	8,533	8,069
27	10	98 701	38 988,076	936 473,603	24,019	23,555	77	60	60 293	4 264,392	34 700,911	8,137	7,673
28	11	98 651	37 650,604	897 485,527	23,837	23,373	78	61	57 568	3 934,026	30 436,519	7,737	7,273
29	12	98 598	36 357,773	859 834,923	23,649	23,185	79	62	54 687	3 610,726	26 502,494	7,340	6,876
30	13	98 543	35 108,734	823 477,150	23,455	22,991	80	63	51 663	3 295,731	22 891,767	6,946	6,482
31	14	98 483	33 900,889	788 368,415	23,255	22,791	81	64	48 451	2 986,319	19 596,036	6,562	6,098
32	15	98 418	32 732,673	754 467,527	23,049	22,585	82	65	45 101	2 685,815	16 609,717	6,184	5,720
33	16	98 346	31 602,792	721 734,854	22,838	22,374	83	66	41 634	2 395,544	13 923,902	5,812	5,348
34	17	98 265	30 508,790	690 132,062	22,621	22,157	84	67	38 010	2 113,020	11 528,359	5,456	4,992
35	18	98 183	29 452,558	659 623,272	22,396	21,932	85	68	34 281	1 841,290	9 415,338	5,113	4,649
36	19	98 093	28 430,477	630 170,715	22,165	21,701	86	69	30 473	1 581,421	7 574,049	4,789	4,325
37	20	97 990	27 440,291	601 740,237	21,929	21,465	87	70	26 667	1 337,112	5 992,628	4,482	4,018
38	21	97 876	26 481,576	574 299,946	21,687	21,223	88	71	22 935	1 111,076	4 655,516	4,190	3,726
39	22	97 760	25 555,727	547 818,371	21,436	20,972	89	72	19 299	903,333	3 544,440	3,924	3,460
40	23	97 631	24 658,876	522 262,644	21,179	20,715	90	73	15 870	717,720	2 641,107	3,680	3,216
41	24	97 494	23 791,624	497 603,768	20,915	20,451	91	74	12 743	556,803	1 923,387	3,454	2,990
42	25	97 337	22 949,957	473 812,144	20,645	20,181	92	75	10 000	422,188	1 366,584	3,237	2,773
43	26	97 180	22 138,199	450 862,187	20,366	19,902	93	76	7 605	310,195	944,395	3,045	2,580
44	27	97 008	21 351,649	428 723,988	20,079	19,615	94	77	5 615	221,282	634,200	2,866	2,402
45	28	96 819	20 589,525	407 372,339	19,785	19,321	95	78	4 001	152,358	412,919	2,710	2,246
46	29	96 614	19 851,148	386 782,815	19,484	19,020	96	79	2 760	101,541	260,561	2,566	2,102
47	30	96 391	19 135,568	366 931,666	19,175	18,711	97	80	1 834	65,175	159,020	2,440	1,976
48	31	96 139	18 440,147	347 796,098	18,861	18,397	98	81	1 180	40,524	93,845	2,316	1,852
49	32	95 856	17 764,088	329 355,951	18,541	18,077	99	82	734	24,345	53,321	2,190	1,726
							100	83	433	13,882	28,976	2,087	1,623

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	17 112,965	312 190,979	18,243	17,779
1							51	33	95 236	16 475,599	295 078,014	17,910	17,446
2							52	34	94 862	15 855,943	278 602,415	17,571	17,107
3							53	35	94 446	15 252,709	262 746,473	17,226	16,762
4							54	36	93 976	14 663,545	247 493,764	16,878	16,414
5							55	37	93 461	14 089,997	232 830,219	16,525	16,060
6							56	38	92 883	13 529,272	218 740,222	16,168	15,704
7							57	39	92 243	12 981,770	205 210,950	15,808	15,344
8							58	40	91 531	12 445,997	192 229,180	15,445	14,981
9							59	41	90 767	11 924,683	179 783,182	15,077	14,613
10							60	42	89 912	11 412,944	167 858,500	14,708	14,244
11							61	43	88 981	10 912,832	156 445,555	14,336	13,872
12							62	44	87 960	10 422,766	145 532,723	13,963	13,499
13							63	45	86 844	9 942,533	135 109,957	13,589	13,125
14							64	46	85 627	9 471,666	125 167,424	13,215	12,751
15							65	47	84 316	9 011,346	115 695,758	12,839	12,375
16							66	48	82 914	8 561,810	106 684,413	12,460	11,996
17							67	49	81 398	8 120,972	98 122,602	12,083	11,619
18	0	99 448	53 539,058	1 356 856,663	25,343	24,879	68	50	79 791	7 691,511	90 001,631	11,701	11,237
19	1	99 122	51 559,056	1 303 317,605	25,278	24,814	69	51	78 080	7 272,036	82 310,120	11,319	10,855
20	2	99 060	49 784,336	1 251 758,549	25,144	24,680	70	52	76 275	6 863,710	75 038,083	10,933	10,469
21	3	99 006	48 074,642	1 201 974,212	25,002	24,538	71	53	74 394	6 468,030	68 174,373	10,540	10,076
22	4	98 957	46 425,514	1 153 899,570	24,855	24,391	72	54	72 359	6 078,357	61 706,343	10,152	9,688
23	5	98 906	44 832,637	1 107 474,056	24,702	24,238	73	55	70 263	5 702,701	55 627,986	9,755	9,291
24	6	98 858	43 295,414	1 062 641,420	24,544	24,080	74	56	68 025	5 334,352	49 925,285	9,359	8,895
25	7	98 805	41 809,104	1 019 346,005	24,381	23,917	75	57	65 681	4 976,359	44 590,933	8,961	8,497
26	8	98 757	40 375,504	977 536,902	24,211	23,747	76	58	63 194	4 626,012	39 614,573	8,563	8,099
27	9	98 706	38 990,148	937 161,398	24,036	23,572	77	59	60 573	4 284,247	34 988,562	8,167	7,703
28	10	98 657	37 652,697	898 171,249	23,854	23,390	78	60	57 865	3 954,299	30 704,315	7,765	7,301
29	11	98 605	36 360,570	860 518,552	23,666	23,202	79	61	54 994	3 631,010	26 750,016	7,367	6,903
30	12	98 549	35 110,953	824 157,983	23,473	23,009	80	62	51 981	3 316,031	23 119,006	6,972	6,508
31	13	98 491	33 903,569	789 047,029	23,273	22,809	81	63	48 781	3 006,645	19 802,975	6,586	6,122
32	14	98 427	32 735,693	755 143,461	23,068	22,604	82	64	45 437	2 705,862	16 796,330	6,207	5,743
33	15	98 357	31 606,451	722 407,768	22,856	22,392	83	65	41 971	2 414,896	14 090,468	5,835	5,371
34	16	98 277	30 512,691	690 801,317	22,640	22,176	84	66	38 345	2 131,689	11 675,572	5,477	5,013
35	17	98 195	29 456,377	660 288,626	22,416	21,952	85	67	34 605	1 858,683	9 543,883	5,135	4,671
36	18	98 109	28 435,093	630 832,250	22,185	21,721	86	68	30 787	1 597,724	7 685,200	4,810	4,346
37	19	98 006	27 444,802	602 397,157	21,949	21,485	87	69	26 979	1 352,731	6 087,476	4,500	4,036
38	20	97 892	26 485,911	574 952,355	21,708	21,244	88	70	23 226	1 125,199	4 734,745	4,208	3,744
39	21	97 777	25 560,067	548 466,444	21,458	20,994	89	71	19 570	915,987	3 609,546	3,941	3,477
40	22	97 647	24 663,014	522 906,377	21,202	20,738	90	72	16 111	728,612	2 693,559	3,697	3,233
41	23	97 510	23 795,516	498 243,364	20,939	20,475	91	73	12 960	566,280	1 964,948	3,470	3,006
42	24	97 353	22 953,727	474 447,848	20,670	20,206	92	74	10 186	430,011	1 398,667	3,253	2,789
43	25	97 199	22 142,504	451 494,120	20,390	19,926	93	75	7 761	316,565	968,656	3,060	2,596
44	26	97 025	21 355,455	429 351,616	20,105	19,641	94	76	5 742	226,294	652,092	2,882	2,418
45	27	96 840	20 593,844	407 996,161	19,812	19,348	95	77	4 099	156,094	425,798	2,728	2,264
46	28	96 637	19 855,874	387 402,317	19,511	19,047	96	78	2 837	104,381	269,704	2,584	2,120
47	29	96 415	19 140,291	367 546,443	19,203	18,739	97	79	1 892	67,247	165,323	2,458	1,994
48	30	96 167	18 445,363	348 406,152	18,889	18,425	98	80	1 223	42,005	98,076	2,335	1,871
49	31	95 887	17 769,810	329 960,789	18,569	18,105	99	81	765	25,371	56,071	2,210	1,746
							100	82	454	14,567	30,700	2,108	1,644

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	17 118,477	312 738,356	18,269	17,805
1							51	32	95 268	16 481,135	295 619,879	17,937	17,473
2							52	33	94 895	15 861,498	279 138,744	17,599	17,134
3							53	34	94 482	15 258,534	263 277,246	17,254	16,790
4							54	35	94 020	14 670,395	248 018,712	16,906	16,442
5							55	36	93 506	14 096,719	233 348,317	16,553	16,089
6							56	37	92 929	13 536,107	219 251,597	16,198	15,734
7							57	38	92 294	12 988,967	205 715,490	15,838	15,374
8							58	39	91 591	12 454,101	192 726,523	15,475	15,011
9							59	40	90 824	11 932,237	180 272,422	15,108	14,644
10							60	41	89 978	11 421,315	168 340,185	14,739	14,275
11							61	42	89 053	10 921,645	156 918,870	14,368	13,904
12							62	43	88 039	10 432,110	145 997,225	13,995	13,531
13							63	44	86 926	9 951,946	135 565,115	13,622	13,158
14							64	45	85 719	9 481,865	125 613,169	13,248	12,784
15							65	46	84 416	9 022,029	116 131,304	12,872	12,408
16							66	47	83 022	8 572,950	107 109,275	12,494	12,030
17							67	48	81 521	8 133,311	98 536,325	12,115	11,651
18							68	49	79 926	7 704,486	90 403,014	11,734	11,270
19	0	99 410	51 708,591	1 304 131,444	25,221	24,757	69	50	78 224	7 285,470	82 698,528	11,351	10,887
20	1	99 082	49 795,412	1 252 422,853	25,151	24,687	70	51	76 434	6 877,992	75 413,058	10,964	10,500
21	2	99 019	48 080,960	1 202 627,441	25,013	24,549	71	52	74 558	6 482,320	68 535,066	10,573	10,109
22	3	98 966	46 430,143	1 154 546,481	24,866	24,402	72	53	72 539	6 093,461	62 052,746	10,183	9,719
23	4	98 915	44 836,764	1 108 116,338	24,714	24,250	73	54	70 457	5 718,451	55 959,286	9,786	9,322
24	5	98 864	43 298,356	1 063 279,574	24,557	24,093	74	55	68 237	5 351,006	50 240,835	9,389	8,925
25	6	98 812	41 812,157	1 019 981,218	24,394	23,930	75	56	65 904	4 993,244	44 889,828	8,990	8,526
26	7	98 762	40 377,427	978 169,061	24,226	23,762	76	57	63 432	4 643,454	39 896,584	8,592	8,128
27	8	98 713	38 992,959	937 791,634	24,050	23,586	77	58	60 827	4 302,203	35 253,130	8,194	7,730
28	9	98 662	37 654,698	898 798,676	23,869	23,405	78	59	58 135	3 972,710	30 950,927	7,791	7,327
29	10	98 611	36 362,591	861 143,977	23,682	23,218	79	60	55 277	3 649,721	26 978,217	7,392	6,928
30	11	98 557	35 113,654	824 781,386	23,489	23,025	80	61	52 273	3 334,659	23 328,496	6,996	6,532
31	12	98 497	33 905,711	789 667,732	23,290	22,826	81	62	49 081	3 025,164	19 993,837	6,609	6,145
32	13	98 434	32 738,280	755 762,021	23,085	22,621	82	63	45 747	2 724,279	16 968,672	6,229	5,765
33	14	98 367	31 609,367	723 023,741	22,874	22,410	83	64	42 284	2 432,921	14 244,394	5,855	5,391
34	15	98 288	30 516,224	691 414,374	22,657	22,193	84	65	38 655	2 148,910	11 811,472	5,496	5,032
35	16	98 208	29 460,143	660 898,150	22,434	21,970	85	66	34 910	1 875,105	9 662,563	5,153	4,689
36	17	98 121	28 438,780	631 438,007	22,203	21,739	86	67	31 078	1 612,816	7 787,458	4,828	4,364
37	18	98 022	27 449,257	602 999,227	21,968	21,504	87	68	27 257	1 366,676	6 174,641	4,518	4,054
38	19	97 908	26 490,265	575 549,970	21,727	21,263	88	69	23 498	1 138,343	4 807,965	4,224	3,760
39	20	97 793	25 564,251	549 059,705	21,478	21,014	89	70	19 818	927,630	3 669,622	3,956	3,492
40	21	97 664	24 667,202	523 495,454	21,222	20,758	90	71	16 337	738,818	2 741,992	3,711	3,247
41	22	97 526	23 799,509	498 828,251	20,960	20,496	91	72	13 157	574,873	2 003,174	3,485	3,021
42	23	97 369	22 957,482	475 028,742	20,692	20,228	92	73	10 359	437,330	1 428,301	3,266	2,802
43	24	97 215	22 146,142	452 071,260	20,413	19,949	93	74	7 905	322,430	990,970	3,073	2,609
44	25	97 044	21 359,608	429 925,118	20,128	19,664	94	75	5 860	230,940	668,540	2,895	2,431
45	26	96 857	20 597,515	408 565,510	19,836	19,372	95	76	4 192	159,630	437,600	2,741	2,277
46	27	96 658	19 860,040	387 967,995	19,535	19,071	96	77	2 907	106,941	277,970	2,599	2,135
47	28	96 438	19 144,847	368 107,955	19,228	18,763	97	78	1 945	69,128	171,029	2,474	2,010
48	29	96 190	18 449,916	348 963,108	18,914	18,450	98	79	1 262	43,340	101,901	2,351	1,887
49	30	95 914	17 774,836	330 513,192	18,594	18,130	99	80	793	26,298	58,561	2,227	1,763
							100	81	474	15,181	32,263	2,125	1,661

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	17 123,319	313 238,086	18,293	17,829
1							51	31	95 298	16 486,444	296 114,766	17,961	17,497
2							52	32	94 927	15 866,828	279 628,323	17,623	17,159
3							53	33	94 516	15 263,880	263 761,495	17,280	16,816
4							54	34	94 056	14 675,998	248 497,615	16,932	16,468
5							55	35	93 549	14 103,305	233 821,617	16,579	16,115
6							56	36	92 974	13 542,565	219 718,312	16,224	15,760
7							57	37	92 341	12 995,529	206 175,747	15,865	15,401
8							58	38	91 642	12 461,005	193 180,218	15,503	15,039
9							59	39	90 884	11 940,006	180 719,213	15,136	14,672
10							60	40	90 035	11 428,551	168 779,207	14,768	14,304
11							61	41	89 118	10 929,655	157 350,656	14,397	13,933
12							62	42	88 110	10 440,534	146 421,000	14,024	13,560
13							63	43	87 004	9 960,868	135 980,466	13,651	13,187
14							64	44	85 800	9 490,842	126 019,599	13,278	12,814
15							65	45	84 507	9 031,744	116 528,757	12,902	12,438
16							66	46	83 120	8 583,114	107 497,012	12,524	12,060
17							67	47	81 627	8 143,893	98 913,898	12,146	11,682
18							68	48	80 047	7 716,192	90 770,006	11,764	11,300
19							69	49	78 356	7 297,760	83 053,814	11,381	10,917
20	0	99 370	49 939,831	1 253 175,009	25,094	24,630	70	50	76 575	6 890,698	75 756,054	10,994	10,530
21	1	99 041	48 091,656	1 203 235,178	25,020	24,556	71	51	74 713	6 495,809	68 865,356	10,602	10,137
22	2	98 979	46 436,245	1 155 143,521	24,876	24,412	72	52	72 699	6 106,923	62 369,547	10,213	9,749
23	3	98 925	44 841,235	1 108 707,277	24,725	24,261	73	53	70 632	5 732,660	56 262,624	9,814	9,350
24	4	98 873	43 302,342	1 063 866,042	24,568	24,104	74	54	68 426	5 365,785	50 529,964	9,417	8,953
25	5	98 819	41 814,998	1 020 563,700	24,407	23,943	75	55	66 109	5 008,834	45 164,179	9,017	8,553
26	6	98 769	40 380,376	978 748,702	24,238	23,774	76	56	63 647	4 659,209	40 155,345	8,618	8,154
27	7	98 718	38 994,816	938 368,327	24,064	23,600	77	57	61 057	4 318,424	35 496,136	8,220	7,756
28	8	98 669	37 657,412	899 373,511	23,883	23,419	78	58	58 378	3 989,360	31 177,712	7,815	7,351
29	9	98 616	36 364,524	861 716,098	23,697	23,233	79	59	55 535	3 666,715	27 188,352	7,415	6,951
30	10	98 562	35 115,606	825 351,575	23,504	23,040	80	60	52 543	3 351,844	23 521,638	7,018	6,553
31	11	98 505	33 908,319	790 235,969	23,305	22,841	81	61	49 357	3 042,158	20 169,794	6,630	6,166
32	12	98 441	32 740,349	756 327,650	23,101	22,637	82	62	46 029	2 741,059	17 127,635	6,249	5,785
33	13	98 374	31 611,865	723 587,300	22,890	22,426	83	63	42 572	2 449,480	14 386,576	5,873	5,409
34	14	98 298	30 519,039	691 975,435	22,674	22,210	84	64	38 944	2 164,949	11 937,096	5,514	5,050
35	15	98 219	29 463,554	661 456,396	22,450	21,986	85	65	35 192	1 890,253	9 772,147	5,170	4,706
36	16	98 134	28 442,416	631 992,842	22,220	21,756	86	66	31 353	1 627,066	7 881,894	4,844	4,380
37	17	98 035	27 452,817	603 550,426	21,985	21,521	87	67	27 514	1 379,586	6 254,828	4,534	4,070
38	18	97 924	26 494,566	576 097,609	21,744	21,280	88	68	23 740	1 150,078	4 875,242	4,239	3,775
39	19	97 809	25 568,454	549 603,043	21,495	21,031	89	69	20 050	938,466	3 725,163	3,969	3,505
40	20	97 680	24 671,240	524 034,589	21,241	20,777	90	70	16 545	748,209	2 786,697	3,724	3,260
41	21	97 543	23 803,551	499 363,349	20,979	20,514	91	71	13 341	582,926	2 038,488	3,497	3,033
42	22	97 385	22 961,335	475 559,798	20,711	20,247	92	72	10 516	443,967	1 455,562	3,279	2,815
43	23	97 231	22 149,765	452 598,464	20,434	19,970	93	73	8 039	327,918	1 011,595	3,085	2,621
44	24	97 060	21 363,117	430 448,699	20,149	19,685	94	74	5 969	235,219	683,677	2,907	2,443
45	25	96 876	20 601,521	409 085,582	19,857	19,393	95	75	4 278	162,907	448,458	2,753	2,289
46	26	96 675	19 863,580	388 484,061	19,558	19,094	96	76	2 973	109,363	285,550	2,611	2,147
47	27	96 458	19 148,864	368 620,481	19,250	18,786	97	77	1 992	70,823	176,187	2,468	2,024
48	28	96 213	18 454,308	349 471,617	18,937	18,473	98	78	1 297	44,553	105,364	2,365	1,901
49	29	95 938	17 779,224	331 017,309	18,618	18,154	99	79	818	27,134	60,811	2,241	1,777
							100	80	491	15,735	33,678	2,140	1,676

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	17 127,546	313 693,938	18,315	17,851
1							51	30	95 325	16 491,107	296 566,392	17,983	17,519
2							52	31	94 957	15 871,938	280 075,285	17,646	17,182
3							53	32	94 547	15 269,009	264 203,347	17,303	16,839
4							54	33	94 089	14 681,140	248 934,338	16,956	16,492
5							55	34	93 585	14 108,691	234 253,198	16,603	16,139
6							56	35	93 017	13 548,892	220 144,507	16,248	15,784
7							57	36	92 385	13 001,729	206 595,615	15,890	15,426
8							58	37	91 688	12 467,301	193 593,886	15,528	15,064
9							59	38	90 934	11 946,626	181 126,586	15,161	14,697
10							60	39	90 094	11 435,992	169 179,960	14,794	14,330
11							61	40	89 175	10 936,580	157 743,968	14,424	13,959
12							62	41	88 174	10 448,192	146 807,388	14,051	13,587
13							63	42	87 074	9 968,911	136 359,196	13,678	13,214
14							64	43	85 877	9 499,351	126 390,285	13,305	12,841
15							65	44	84 587	9 040,295	116 890,935	12,930	12,466
16							66	45	83 210	8 592,356	107 850,640	12,552	12,088
17							67	46	81 724	8 153,548	99 258,283	12,174	11,710
18							68	47	80 151	7 726,231	91 104,735	11,792	11,328
19							69	48	78 475	7 308,848	83 378,504	11,408	10,944
20							70	49	76 704	6 902,322	76 069,656	11,021	10,557
21	0	99 329	48 231,134	1 203 930,521	24,962	24,498	71	50	74 851	6 507,808	69 167,334	10,628	10,164
22	1	99 001	46 446,575	1 155 699,387	24,882	24,418	72	51	72 850	6 119,630	62 659,525	10,239	9,775
23	2	98 938	44 847,128	1 109 252,812	24,734	24,270	73	52	70 788	5 745,325	56 539,895	9,841	9,377
24	3	98 883	43 306,660	1 064 405,684	24,578	24,114	74	53	68 596	5 379,118	50 794,570	9,443	8,979
25	4	98 828	41 818,847	1 021 099,024	24,417	23,953	75	54	66 292	5 022,667	45 415,452	9,042	8,578
26	5	98 775	40 383,119	979 280,177	24,250	23,786	76	55	63 846	4 673,756	40 392,785	8,642	8,178
27	6	98 725	38 997,663	938 897,058	24,076	23,612	77	56	61 264	4 333,076	35 719,029	8,243	7,779
28	7	98 674	37 659,206	899 899,394	23,896	23,432	78	57	58 598	4 004,402	31 385,952	7,838	7,374
29	8	98 623	36 367,145	862 240,188	23,709	23,245	79	58	55 767	3 682,082	27 381,551	7,436	6,972
30	9	98 568	35 117,472	825 873,043	23,517	23,053	80	59	52 787	3 367,450	23 699,469	7,038	6,574
31	10	98 510	33 910,204	790 755,571	23,319	22,855	81	60	49 612	3 057,835	20 332,019	6,649	6,185
32	11	98 448	32 742,868	756 845,367	23,115	22,651	82	61	46 287	2 756,457	17 274,183	6,267	5,803
33	12	98 381	31 613,863	724 102,499	22,905	22,441	83	62	42 834	2 464,568	14 517,726	5,891	5,427
34	13	98 305	30 521,451	692 488,636	22,689	22,225	84	63	39 209	2 179,684	12 053,158	5,530	5,066
35	14	98 228	29 466,272	661 967,185	22,465	22,001	85	64	35 455	1 904,362	9 873,474	5,185	4,721
36	15	98 145	28 445,709	632 500,912	22,235	21,771	86	65	31 606	1 640,210	7 969,112	4,859	4,395
37	16	98 047	27 456,327	604 055,203	22,001	21,537	87	66	27 757	1 391,775	6 328,902	4,547	4,083
38	17	97 937	26 498,001	576 598,876	21,760	21,296	88	67	23 964	1 160,942	4 937,126	4,253	3,789
39	18	97 825	25 572,605	550 100,875	21,511	21,047	89	68	20 256	948,141	3 776,184	3,983	3,519
40	19	97 696	24 675,296	524 528,270	21,257	20,793	90	69	16 738	756,949	2 828,043	3,736	3,272
41	20	97 559	23 807,448	499 852,974	20,996	20,532	91	70	13 510	590,336	2 071,094	3,508	3,044
42	21	97 401	22 965,234	476 045,527	20,729	20,265	92	71	10 664	450,186	1 480,758	3,289	2,825
43	22	97 247	22 153,482	453 080,292	20,452	19,988	93	72	8 161	332,894	1 030,572	3,096	2,632
44	23	97 076	21 366,612	430 926,810	20,168	19,704	94	73	6 070	239,223	697,678	2,916	2,452
45	24	96 892	20 604,905	409 560,199	19,877	19,413	95	74	4 358	165,926	458,455	2,763	2,299
46	25	96 694	19 867,443	388 955,293	19,578	19,113	96	75	3 034	111,609	292,529	2,621	2,157
47	26	96 475	19 152,277	369 087,851	19,271	18,807	97	76	2 038	72,427	180,920	2,498	2,034
48	27	96 233	18 458,180	349 935,574	18,958	18,494	98	77	1 329	45,645	108,493	2,377	1,913
49	28	95 961	17 783,456	331 477,394	18,640	18,176	99	78	841	27,893	62,848	2,253	1,789
							100	79	506	16,236	34,955	2,153	1,689

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	28	95 679	17 131,623	314 109,805	18,335	17,871
1							51	29	95 349	16 495,178	296 978,182	18,004	17,540
2							52	30	94 984	15 876,428	280 483,005	17,667	17,203
3							53	31	94 578	15 273,927	264 606,577	17,324	16,860
4							54	32	94 121	14 686,073	249 332,650	16,977	16,513
5							55	33	93 618	14 113,634	234 646,577	16,626	16,161
6							56	34	93 053	13 554,066	220 532,942	16,271	15,807
7							57	35	92 428	13 007,803	206 978,876	15,912	15,448
8							58	36	91 732	12 473,249	193 971,073	15,551	15,087
9							59	37	90 980	11 952,661	181 497,825	15,185	14,721
10							60	38	90 144	11 442,332	169 545,163	14,817	14,353
11							61	39	89 233	10 943,700	158 102,831	14,447	13,983
12							62	40	88 230	10 454,811	147 159,131	14,076	13,612
13							63	41	87 138	9 976,223	136 704,320	13,703	13,239
14							64	42	85 946	9 507,021	126 728,097	13,330	12,866
15							65	43	84 663	9 048,400	117 221,076	12,955	12,491
16							66	44	83 289	8 600,491	108 172,676	12,577	12,113
17							67	45	81 812	8 162,328	99 572,185	12,199	11,735
18							68	46	80 246	7 735,391	91 409,857	11,817	11,353
19							69	47	78 577	7 318,358	83 674,465	11,434	10,969
20							70	48	76 821	6 912,809	76 356,108	11,046	10,582
21							71	49	74 978	6 518,786	69 443,298	10,653	10,189
22	0	99 289	46 581,282	1 156 342,407	24,824	24,360	72	50	72 985	6 130,935	62 924,512	10,263	9,799
23	1	98 960	44 857,105	1 109 761,125	24,740	24,276	73	51	70 935	5 757,280	56 793,577	9,865	9,401
24	2	98 896	43 312,351	1 064 904,020	24,587	24,123	74	52	68 747	5 391,002	51 036,297	9,467	9,003
25	3	98 838	41 823,017	1 021 591,669	24,427	23,963	75	53	66 457	5 035,147	45 645,295	9,065	8,601
26	4	98 785	40 386,837	979 768,652	24,260	23,796	76	54	64 022	4 686,664	40 610,147	8,665	8,201
27	5	98 732	39 000,313	939 381,815	24,087	23,622	77	55	61 455	4 346,605	35 923,483	8,265	7,801
28	6	98 681	37 661,956	900 381,502	23,907	23,443	78	56	58 797	4 017,989	31 576,878	7,859	7,395
29	7	98 628	36 368,877	862 719,546	23,721	23,257	79	57	55 978	3 695,965	27 558,890	7,456	6,992
30	8	98 575	35 120,003	826 350,669	23,529	23,065	80	58	53 008	3 381,563	23 862,924	7,057	6,593
31	9	98 515	33 912,007	791 230,665	23,332	22,868	81	59	49 843	3 072,073	20 481,361	6,667	6,203
32	10	98 454	32 744,688	757 318,659	23,128	22,664	82	60	46 526	2 770,662	17 409,288	6,283	5,819
33	11	98 388	31 616,295	724 573,971	22,918	22,454	83	61	43 075	2 478,413	14 638,626	5,906	5,442
34	12	98 312	30 523,380	692 957,676	22,703	22,238	84	62	39 450	2 193,111	12 160,214	5,545	5,081
35	13	98 236	29 468,601	662 434,296	22,479	22,015	85	63	35 696	1 917,323	9 967,103	5,198	4,734
36	14	98 154	28 448,334	632 965,694	22,250	21,786	86	64	31 842	1 652,453	8 049,780	4,871	4,407
37	15	98 059	27 459,506	604 517,361	22,015	21,551	87	65	27 982	1 403,019	6 397,327	4,560	4,096
38	16	97 949	26 501,389	577 057,855	21,775	21,311	88	66	24 176	1 171,200	4 994,309	4,264	3,800
39	17	97 837	25 575,921	550 556,466	21,526	21,062	89	67	20 448	957,097	3 823,109	3,994	3,530
40	18	97 712	24 679,302	524 980,545	21,272	20,808	90	68	16 910	764,753	2 866,012	3,748	3,284
41	19	97 575	23 811,361	500 301,243	21,011	20,547	91	69	13 668	597,232	2 101,259	3,518	3,054
42	20	97 417	22 968,994	476 489,881	20,745	20,281	92	70	10 799	455,908	1 504,027	3,299	2,835
43	21	97 264	22 157,244	453 520,887	20,468	20,004	93	71	8 276	337,557	1 048,119	3,105	2,641
44	22	97 092	21 370,197	431 363,643	20,185	19,721	94	72	6 162	242,853	710,562	2,926	2,462
45	23	96 908	20 608,276	409 993,446	19,895	19,431	95	73	4 432	168,750	467,708	2,772	2,308
46	24	96 710	19 870,707	389 385,170	19,596	19,132	96	74	3 090	113,677	298,958	2,630	2,166
47	25	96 494	19 156,001	369 514,464	19,290	18,826	97	75	2 079	73,914	185,281	2,507	2,043
48	26	96 251	18 461,470	350 358,462	18,978	18,514	98	76	1 359	46,679	111,367	2,386	1,922
49	27	95 981	17 787,187	331 896,992	18,659	18,195	99	77	861	28,577	64,688	2,264	1,800
							100	78	521	16,690	36,111	2,164	1,700

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	17 135,217	314 488,915	18,353	17,889
1							51	28	95 371	16 499,104	297 353,699	18,022	17,558
2							52	29	95 008	15 880,347	280 854,594	17,686	17,222
3							53	30	94 605	15 278,248	264 974,248	17,343	16,879
4							54	31	94 151	14 690,803	249 696,000	16,997	16,533
5							55	32	93 649	14 118,377	235 005,196	16,645	16,181
6							56	33	93 085	13 558,815	220 886,820	16,291	15,827
7							57	34	92 463	13 012,771	207 328,005	15,933	15,469
8							58	35	91 775	12 479,075	194 315,234	15,571	15,107
9							59	36	91 023	11 958,364	181 836,158	15,206	14,742
10							60	37	90 189	11 448,113	169 877,795	14,839	14,375
11							61	38	89 282	10 949,767	158 429,682	14,469	14,005
12							62	39	88 288	10 461,618	147 479,914	14,097	13,633
13							63	40	87 193	9 982,543	137 018,297	13,726	13,262
14							64	41	86 009	9 513,995	127 035,753	13,353	12,888
15							65	42	84 732	9 055,706	117 521,759	12,978	12,514
16							66	43	83 363	8 608,202	108 466,052	12,600	12,136
17							67	44	81 890	8 170,056	99 857,851	12,222	11,758
18							68	45	80 333	7 743,721	91 687,795	11,840	11,376
19							69	46	78 671	7 327,034	83 944,074	11,457	10,993
20							70	47	76 921	6 921,803	76 617,040	11,069	10,605
21							71	48	75 092	6 528,691	69 695,237	10,675	10,211
22							72	49	73 108	6 141,277	63 166,546	10,286	9,822
23	0	99 247	44 987,202	1 110 355,957	24,682	24,218	73	50	71 066	5 767,916	57 025,268	9,887	9,423
24	1	98 918	43 321,986	1 065 368,755	24,592	24,128	74	51	68 890	5 402,220	51 257,353	9,488	9,024
25	2	98 851	41 828,513	1 022 046,769	24,434	23,970	75	52	66 603	5 046,272	45 855,133	9,087	8,623
26	3	98 794	40 390,864	980 218,255	24,268	23,804	76	53	64 181	4 698,309	40 808,861	8,686	8,222
27	4	98 741	39 003,904	939 827,391	24,096	23,632	77	54	61 625	4 358,610	36 110,552	8,285	7,821
28	5	98 688	37 664,515	900 823,488	23,917	23,453	78	55	58 981	4 030,533	31 751,942	7,878	7,414
29	6	98 635	36 371,533	863 158,973	23,732	23,268	79	56	56 168	3 708,506	27 721,409	7,475	7,011
30	7	98 579	35 121,676	826 787,440	23,541	23,077	80	57	53 208	3 394,313	24 012,903	7,074	6,610
31	8	98 523	33 914,451	791 665,764	23,343	22,879	81	58	50 051	3 084,948	20 618,590	6,684	6,220
32	9	98 459	32 746,428	757 751,313	23,140	22,676	82	59	46 742	2 783,562	17 533,642	6,299	5,835
33	10	98 394	31 618,052	725 004,885	22,930	22,466	83	60	43 297	2 491,185	14 750,080	5,921	5,457
34	11	98 319	30 525,728	693 386,832	22,715	22,251	84	61	39 672	2 205,430	12 258,895	5,559	5,094
35	12	98 242	29 470,464	662 861,104	22,492	22,028	85	62	35 916	1 929,133	10 053,465	5,211	4,747
36	13	98 162	28 450,582	633 390,640	22,263	21,799	86	63	32 059	1 663,700	8 124,331	4,883	4,419
37	14	98 068	27 462,039	604 940,058	22,028	21,564	87	64	28 191	1 413,491	6 460,632	4,571	4,107
38	15	97 961	26 504,458	577 478,019	21,788	21,324	88	65	24 371	1 180,661	5 047,141	4,275	3,811
39	16	97 850	25 579,191	550 973,561	21,540	21,076	89	66	20 628	965,553	3 866,480	4,004	3,540
40	17	97 724	24 682,502	525 394,370	21,286	20,822	90	67	17 070	771,977	2 900,927	3,758	3,294
41	18	97 591	23 815,227	500 711,868	21,025	20,561	91	68	13 809	603,389	2 128,950	3,528	3,064
42	19	97 433	22 972,770	476 896,641	20,759	20,295	92	69	10 925	461,234	1 525,561	3,308	2,844
43	20	97 280	22 160,871	453 923,871	20,483	20,019	93	70	8 381	341,848	1 064,327	3,113	2,649
44	21	97 109	21 373,826	431 763,000	20,201	19,737	94	71	6 249	246,255	722,479	2,934	2,470
45	22	96 924	20 611,734	410 389,173	19,910	19,446	95	72	4 499	171,311	476,224	2,780	2,316
46	23	96 725	19 873,957	389 777,439	19,612	19,148	96	73	3 142	115,612	304,913	2,637	2,173
47	24	96 510	19 159,149	369 903,482	19,307	18,843	97	74	2 118	75,284	189,301	2,514	2,050
48	25	96 269	18 465,060	350 744,333	18,995	18,531	98	75	1 387	47,638	114,017	2,393	1,929
49	26	95 998	17 790,358	332 279,273	18,677	18,213	99	76	881	29,224	66,380	2,271	1,807
							100	77	533	17,099	37,156	2,173	1,709

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	17 138,272	314 834,150	18,370	17,906
1							51	27	95 391	16 502,566	297 695,878	18,039	17,575
2							52	28	95 030	15 884,127	281 193,313	17,703	17,239
3							53	29	94 628	15 282,019	265 309,186	17,361	16,897
4							54	30	94 178	14 694,959	250 027,167	17,014	16,550
5							55	31	93 679	14 122,924	235 332,208	16,663	16,199
6							56	32	93 117	13 563,371	221 209,283	16,309	15,845
7							57	33	92 496	13 017,330	207 645,912	15,951	15,487
8							58	34	91 810	12 483,842	194 628,582	15,590	15,126
9							59	35	91 066	11 963,950	182 144,741	15,224	14,760
10							60	36	90 232	11 453,574	170 180,791	14,858	14,394
11							61	37	89 328	10 955,299	158 727,216	14,489	14,025
12							62	38	88 337	10 467,418	147 771,917	14,117	13,653
13							63	39	87 250	9 989,043	137 304,499	13,746	13,281
14							64	40	86 064	9 520,022	127 315,457	13,373	12,909
15							65	41	84 794	9 062,349	117 795,435	12,998	12,534
16							66	42	83 431	8 615,153	108 733,086	12,621	12,157
17							67	43	81 963	8 177,380	100 117,933	12,243	11,779
18							68	44	80 409	7 751,052	91 940,553	11,862	11,398
19							69	45	78 755	7 334,924	84 189,501	11,478	11,014
20							70	46	77 012	6 930,010	76 854,577	11,090	10,626
21							71	47	75 189	6 537,185	69 924,567	10,696	10,232
22							72	48	73 219	6 150,608	63 387,382	10,306	9,842
23							73	49	71 186	5 777,646	57 236,773	9,907	9,443
24	0	99 205	43 447,631	1 065 919,214	24,533	24,069	74	50	69 018	5 412,199	51 459,128	9,508	9,044
25	1	98 873	41 837,819	1 022 471,583	24,439	23,975	75	51	66 742	5 056,772	46 046,928	9,106	8,642
26	2	98 807	40 396,172	980 633,764	24,275	23,811	76	52	64 323	4 708,689	40 990,156	8,705	8,241
27	3	98 751	39 007,793	940 237,592	24,104	23,640	77	53	61 778	4 369,440	36 281,467	8,303	7,839
28	4	98 697	37 667,982	901 229,800	23,926	23,462	78	54	59 144	4 041,665	31 912,028	7,896	7,432
29	5	98 642	36 374,004	863 561,817	23,741	23,277	79	55	56 343	3 720,084	27 870,362	7,492	7,028
30	6	98 586	35 124,241	827 187,813	23,550	23,086	80	56	53 389	3 405,830	24 150,278	7,091	6,627
31	7	98 527	33 916,066	792 063,572	23,354	22,890	81	57	50 240	3 096,580	20 744,448	6,699	6,235
32	8	98 466	32 748,789	758 147,506	23,150	22,686	82	58	46 938	2 795,228	17 647,868	6,314	5,850
33	9	98 399	31 619,733	725 398,717	22,941	22,477	83	59	43 498	2 502,784	14 852,640	5,934	5,470
34	10	98 325	30 527,425	693 778,984	22,726	22,262	84	60	39 876	2 216,796	12 349,856	5,571	5,107
35	11	98 250	29 472,730	663 251,559	22,504	22,040	85	61	36 118	1 939,970	10 133,061	5,223	4,759
36	12	98 168	28 452,381	633 778,829	22,275	21,811	86	62	32 256	1 673,947	8 193,090	4,894	4,430
37	13	98 075	27 464,210	605 326,448	22,041	21,577	87	63	28 382	1 423,111	6 519,143	4,581	4,117
38	14	97 970	26 506,903	577 862,238	21,800	21,336	88	64	24 553	1 189,474	5 096,032	4,284	3,820
39	15	97 861	25 582,153	551 355,336	21,552	21,088	89	65	20 795	973,353	3 906,558	4,014	3,549
40	16	97 737	24 685,658	525 773,183	21,299	20,835	90	66	17 221	778,797	2 933,205	3,766	3,302
41	17	97 603	23 818,315	501 087,525	21,038	20,574	91	67	13 940	609,088	2 154,407	3,537	3,073
42	18	97 449	22 976,499	477 269,210	20,772	20,308	92	68	11 038	465,989	1 545,319	3,316	2,852
43	19	97 296	22 164,515	454 292,710	20,496	20,032	93	69	8 479	345,841	1 079,330	3,121	2,657
44	20	97 124	21 377,325	432 128,196	20,214	19,750	94	70	6 328	249,385	733,488	2,941	2,477
45	21	96 940	20 615,235	410 750,870	19,925	19,461	95	71	4 562	173,711	484,103	2,787	2,323
46	22	96 742	19 877,292	390 135,636	19,627	19,163	96	72	3 190	117,366	310,392	2,645	2,181
47	23	96 526	19 162,283	370 258,344	19,322	18,858	97	73	2 154	76,565	193,026	2,521	2,057
48	24	96 285	18 468,094	351 096,061	19,011	18,547	98	74	1 413	48,520	116,461	2,400	1,936
49	25	96 017	17 793,817	332 627,967	18,693	18,229	99	75	899	29,824	67,941	2,278	1,814
							100	76	545	17,486	38,117	2,180	1,716

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	17 141,604	315 148,945	18,385	17,921
1							51	26	95 408	16 505,507	298 007,341	18,055	17,591
2							52	27	95 050	15 887,459	281 501,833	17,718	17,254
3							53	28	94 650	15 285,657	265 614,374	17,377	16,913
4							54	29	94 201	14 698,586	250 328,717	17,031	16,567
5							55	30	93 706	14 126,919	235 630,131	16,680	16,215
6							56	31	93 147	13 567,740	221 503,212	16,326	15,862
7							57	32	92 527	13 021,704	207 935,472	15,968	15,504
8							58	33	91 842	12 488,215	194 913,768	15,608	15,144
9							59	34	91 101	11 968,519	182 425,553	15,242	14,778
10							60	35	90 274	11 458,925	170 457,033	14,875	14,411
11							61	36	89 370	10 960,526	158 998,108	14,506	14,042
12							62	37	88 381	10 472,706	148 037,582	14,136	13,672
13							63	38	87 298	9 994,581	137 564,876	13,764	13,300
14							64	39	86 120	9 526,220	127 570,296	13,391	12,927
15							65	40	84 847	9 068,090	118 044,076	13,018	12,553
16							66	41	83 492	8 621,472	108 975,986	12,640	12,176
17							67	42	82 029	8 183,983	100 354,514	12,262	11,798
18							68	43	80 481	7 758,001	92 170,531	11,881	11,417
19							69	44	78 830	7 341,868	84 412,529	11,497	11,033
20							70	45	77 095	6 937,472	77 070,661	11,109	10,645
21							71	46	75 278	6 544,936	70 133,189	10,716	10,252
22							72	47	73 314	6 158,611	63 588,253	10,325	9,861
23							73	48	71 294	5 786,424	57 429,642	9,925	9,461
24							74	49	69 134	5 421,329	51 643,218	9,526	9,062
25	0	99 160	41 959,159	1 022 981,185	24,380	23,916	75	50	66 865	5 066,113	46 221,889	9,124	8,660
26	1	98 829	40 405,159	981 022,026	24,280	23,816	76	51	64 457	4 718,487	41 155,776	8,722	8,258
27	2	98 764	39 012,919	940 616,867	24,110	23,646	77	52	61 914	4 379,093	36 437,288	8,321	7,857
28	3	98 706	37 671,738	901 603,948	23,933	23,469	78	53	59 291	4 051,708	32 058,195	7,912	7,448
29	4	98 651	36 377,353	863 932,210	23,749	23,285	79	54	56 499	3 730,359	28 006,488	7,508	7,044
30	5	98 593	35 126,628	827 554,857	23,559	23,095	80	55	53 556	3 416,464	24 276,129	7,106	6,642
31	6	98 534	33 918,543	792 428,230	23,363	22,899	81	56	50 411	3 107,087	20 859,665	6,714	6,250
32	7	98 471	32 750,348	758 509,687	23,160	22,696	82	57	47 115	2 805,768	17 752,579	6,327	5,863
33	8	98 406	31 622,012	725 759,339	22,951	22,487	83	58	43 681	2 513,273	14 946,811	5,947	5,483
34	9	98 330	30 529,048	694 137,327	22,737	22,273	84	59	40 062	2 227,117	12 433,538	5,583	5,119
35	10	98 255	29 474,369	663 608,279	22,515	22,051	85	60	36 304	1 949,967	10 206,421	5,234	4,770
36	11	98 176	28 454,569	634 133,910	22,286	21,822	86	61	32 437	1 683,351	8 256,454	4,905	4,441
37	12	98 082	27 465,946	605 679,341	22,052	21,588	87	62	28 557	1 431,877	6 573,103	4,591	4,127
38	13	97 978	26 508,998	578 213,395	21,812	21,348	88	63	24 720	1 197,569	5 141,226	4,293	3,829
39	14	97 870	25 584,513	551 704,397	21,564	21,100	89	64	20 950	980,619	3 943,656	4,022	3,558
40	15	97 748	24 688,516	526 119,884	21,310	20,846	90	65	17 360	785,089	2 963,038	3,774	3,310
41	16	97 616	23 821,360	501 431,368	21,050	20,586	91	66	14 063	614,470	2 177,949	3,544	3,080
42	17	97 462	22 979,479	477 610,008	20,784	20,320	92	67	11 142	470,391	1 563,479	3,324	2,860
43	18	97 311	22 168,113	454 630,529	20,508	20,044	93	68	8 566	349,407	1 093,088	3,128	2,664
44	19	97 140	21 380,840	432 462,416	20,227	19,763	94	69	6 402	252,298	743,681	2,948	2,484
45	20	96 956	20 618,609	411 081,576	19,937	19,473	95	70	4 620	175,919	491,383	2,793	2,329
46	21	96 758	19 880,668	390 462,967	19,640	19,176	96	71	3 235	119,010	315,464	2,651	2,187
47	22	96 542	19 165,498	370 582,299	19,336	18,872	97	72	2 187	77,727	196,454	2,527	2,063
48	23	96 301	18 471,115	351 416,801	19,025	18,561	98	73	1 437	49,346	118,727	2,406	1,942
49	24	96 032	17 796,740	332 945,686	18,708	18,244	99	74	915	30,377	69,381	2,284	1,820
							100	75	557	17,845	39,004	2,186	1,722

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 544 853,641	25,449	24,984	50	50	94 198	14 949,913	247 283,410	16,541	16,076
1	1	99 373	95 781,392	2 444 853,641	25,525	25,061	51	51	93 723	14 336,768	232 333,497	16,205	15,741
2	2	99 327	92 276,575	2 349 072,249	25,457	24,992	52	52	93 193	13 740,538	217 996,729	15,865	15,401
3	3	99 301	88 917,760	2 256 795,675	25,381	24,916	53	53	92 616	13 161,891	204 256,191	15,519	15,054
4	4	99 279	85 685,162	2 167 877,914	25,301	24,836	54	54	91 970	12 597,594	191 094,300	15,169	14,705
5	5	99 259	82 571,083	2 082 192,752	25,217	24,753	55	55	91 257	12 048,171	178 496,706	14,815	14,351
6	6	99 243	79 573,946	1 999 621,669	25,129	24,665	56	56	90 456	11 510,719	166 448,536	14,460	13,996
7	7	99 227	76 685,274	1 920 047,722	25,038	24,574	57	57	89 579	10 987,117	154 937,817	14,102	13,637
8	8	99 212	73 902,814	1 843 362,448	24,943	24,479	58	58	88 612	10 475,628	143 990,700	13,741	13,277
9	9	99 198	71 221,070	1 769 459,634	24,845	24,380	59	59	87 560	9 977,188	133 475,071	13,378	12,914
10	10	99 184	68 637,656	1 698 238,564	24,742	24,278	60	60	86 397	9 488,821	123 497,884	13,015	12,551
11	11	99 172	66 148,173	1 629 600,909	24,636	24,171	61	61	85 133	9 012,029	114 009,062	12,651	12,186
12	12	99 157	63 747,966	1 563 452,736	24,526	24,061	62	62	83 760	8 546,271	104 997,033	12,286	11,821
13	13	99 142	61 434,500	1 499 704,770	24,411	23,947	63	63	82 269	8 090,717	96 450,762	11,921	11,457
14	14	99 125	59 203,794	1 438 270,270	24,294	23,829	64	64	80 655	7 645,223	88 360,045	11,558	11,093
15	15	99 104	57 051,584	1 379 066,477	24,172	23,708	65	65	78 926	7 210,920	80 714,822	11,193	10,729
16	16	99 077	54 974,966	1 322 014,893	24,048	23,583	66	66	77 091	6 788,741	73 503,903	10,827	10,363
17	17	99 041	52 968,645	1 267 040,326	23,921	23,456	67	67	75 132	6 377,097	66 715,162	10,462	9,997
18	18	99 002	51 033,886	1 214 071,680	23,790	23,325	68	68	73 083	5 978,988	60 338,064	10,092	9,627
19	19	98 948	49 162,319	1 163 037,795	23,657	23,193	69	69	70 917	5 592,057	54 359,076	9,721	9,256
20	20	98 892	47 358,461	1 113 875,476	23,520	23,056	70	70	68 620	5 215,378	48 767,019	9,351	8,886
21	21	98 835	45 620,405	1 066 517,015	23,378	22,914	71	71	66 234	4 852,035	43 551,641	8,976	8,512
22	22	98 778	43 946,227	1 020 896,610	23,231	22,766	72	72	63 690	4 497,040	38 699,607	8,606	8,141
23	23	98 720	42 332,948	976 950,383	23,078	22,613	73	73	61 089	4 157,482	34 202,567	8,227	7,762
24	24	98 662	40 779,025	934 617,435	22,919	22,455	74	74	58 335	3 826,552	30 045,085	7,852	7,387
25	25	98 601	39 280,627	893 838,410	22,755	22,291	75	75	55 488	3 508,225	26 218,533	7,473	7,009
26	26	98 538	37 836,765	854 557,784	22,585	22,121	76	76	52 510	3 199,942	22 710,307	7,097	6,633
27	27	98 477	36 446,603	816 721,019	22,409	21,944	77	77	49 424	2 903,028	19 510,366	6,721	6,256
28	28	98 412	35 106,092	780 274,415	22,226	21,762	78	78	46 298	2 621,157	16 607,338	6,336	5,871
29	29	98 343	33 813,497	745 168,323	22,038	21,573	79	79	43 025	2 347,771	13 986,181	5,957	5,493
30	30	98 271	32 567,206	711 354,826	21,843	21,378	80	80	39 636	2 084,691	11 638,410	5,583	5,118
31	31	98 191	31 364,629	678 787,620	21,642	21,177	81	81	36 105	1 830,349	9 553,719	5,220	4,755
32	32	98 103	30 203,897	647 422,991	21,435	20,971	82	82	32 491	1 587,592	7 723,371	4,865	4,400
33	33	98 010	29 084,632	617 219,094	21,221	20,757	83	83	28 815	1 357,080	6 135,779	4,521	4,057
34	34	97 907	28 003,915	588 134,462	21,002	20,537	84	84	25 074	1 138,201	4 778,699	4,198	3,734
35	35	97 801	26 962,459	560 130,547	20,774	20,310	85	85	21 372	935,077	3 640,498	3,893	3,429
36	36	97 682	25 956,166	533 168,088	20,541	20,077	86	86	17 779	749,780	2 705,421	3,608	3,144
37	37	97 549	24 983,978	507 211,922	20,301	19,837	87	87	14 398	585,246	1 955,642	3,342	2,877
38	38	97 402	24 044,774	482 227,944	20,055	19,591	88	88	11 298	442,621	1 370,395	3,096	2,632
39	39	97 249	23 139,309	458 183,170	19,801	19,337	89	89	8 548	322,778	927,774	2,874	2,410
40	40	97 074	22 262,702	435 043,861	19,541	19,077	90	90	6 217	226,266	604,996	2,674	2,209
41	41	96 892	21 417,902	412 781,159	19,273	18,808	91	91	4 330	151,893	378,730	2,493	2,029
42	42	96 681	20 598,703	391 363,257	18,999	18,535	92	92	2 887	97,605	226,837	2,324	1,860
43	43	96 466	19 810,089	370 764,554	18,716	18,252	93	93	1 819	59,288	129,232	2,180	1,715
44	44	96 226	19 046,537	350 954,465	18,426	17,962	94	94	1 086	34,110	69,945	2,051	1,586
45	45	95 968	18 308,945	331 907,928	18,128	17,664	95	95	611	18,496	35,835	1,937	1,473
46	46	95 685	17 595,064	313 598,983	17,823	17,359	96	96	323	9,427	17,339	1,839	1,375
47	47	95 375	16 904,074	296 003,920	17,511	17,046	97	97	160	4,488	7,912	1,763	1,298
48	48	95 029	16 233,973	279 099,846	17,192	16,728	98	98	75	2,035	3,424	1,682	1,218
49	49	94 635	15 582,462	262 865,873	16,869	16,405	99	99	33	0,866	1,389	1,604	1,140
							100	100	13	0,339	0,523	1,541	1,077

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	2 541 662,613	25,490	25,026	50	51	94 025	14 922,347	244 903,098	16,412	15,947
1	2	99 351	95 760,089	2 441 951,800	25,501	25,036	51	52	93 528	14 306,997	229 980,751	16,075	15,610
2	3	99 314	92 264,449	2 346 191,711	25,429	24,965	52	53	92 988	13 710,248	215 673,753	15,731	15,266
3	4	99 291	88 908,895	2 253 927,262	25,351	24,887	53	54	92 387	13 129,268	201 963,506	15,383	14,918
4	5	99 270	85 677,275	2 165 018,367	25,269	24,805	54	55	91 717	12 562,897	188 834,237	15,031	14,567
5	6	99 252	82 565,473	2 079 341,092	25,184	24,720	55	56	90 973	12 010,672	176 271,341	14,676	14,212
6	7	99 236	79 568,136	1 996 775,619	25,095	24,631	56	57	90 150	11 471,794	164 260,668	14,319	13,854
7	8	99 222	76 681,622	1 917 207,483	25,002	24,538	57	58	89 242	10 945,847	152 788,874	13,959	13,494
8	9	99 205	73 897,488	1 840 525,861	24,906	24,442	58	59	88 242	10 431,907	141 843,028	13,597	13,133
9	10	99 192	71 217,284	1 766 628,373	24,806	24,342	59	60	87 154	9 930,949	131 411,120	13,232	12,768
10	11	99 179	68 633,840	1 695 411,089	24,702	24,238	60	61	85 954	9 440,174	121 480,172	12,868	12,404
11	12	99 164	66 143,086	1 626 777,249	24,595	24,130	61	62	84 657	8 961,686	112 039,997	12,502	12,038
12	13	99 151	63 743,937	1 560 634,163	24,483	24,018	62	63	83 248	8 493,951	103 078,311	12,135	11,671
13	14	99 134	61 429,644	1 496 890,226	24,368	23,903	63	64	81 713	8 036,022	94 584,360	11,770	11,306
14	15	99 116	59 198,332	1 435 460,582	24,248	23,784	64	65	80 057	7 588,581	86 548,337	11,405	10,941
15	16	99 092	57 044,979	1 376 262,250	24,126	23,661	65	66	78 293	7 153,134	78 959,757	11,038	10,574
16	17	99 064	54 967,539	1 319 217,271	24,000	23,536	66	67	76 416	6 729,287	71 806,623	10,671	10,206
17	18	99 029	52 961,778	1 264 249,732	23,871	23,407	67	68	74 429	6 317,421	65 077,336	10,301	9,837
18	19	98 986	51 025,602	1 211 287,954	23,739	23,274	68	69	72 338	5 917,979	58 759,915	9,929	9,465
19	20	98 932	49 154,238	1 160 262,352	23,605	23,140	69	70	70 098	5 527,489	52 841,936	9,560	9,095
20	21	98 875	47 350,709	1 111 108,114	23,466	23,001	70	71	67 759	5 149,916	47 314,447	9,187	8,723
21	22	98 818	45 612,659	1 063 757,405	23,322	22,857	71	72	65 319	4 785,006	42 164,531	8,812	8,347
22	23	98 761	43 938,854	1 018 144,746	23,172	22,707	72	73	62 738	4 429,819	37 379,525	8,438	7,974
23	24	98 704	42 326,024	974 205,892	23,017	22,552	73	74	60 066	4 087,902	32 949,706	8,060	7,596
24	25	98 646	40 772,326	931 879,869	22,856	22,391	74	75	57 274	3 756,939	28 861,804	7,682	7,218
25	26	98 582	39 272,990	891 107,542	22,690	22,226	75	76	54 371	3 437,640	25 104,865	7,303	6,839
26	27	98 521	37 830,021	851 834,552	22,517	22,053	76	77	51 346	3 129,067	21 667,225	6,925	6,460
27	28	98 457	36 438,959	814 004,531	22,339	21,874	77	78	48 241	2 833,534	18 538,159	6,542	6,078
28	29	98 389	35 097,737	777 565,572	22,154	21,690	78	79	45 039	2 549,842	15 704,625	6,159	5,695
29	30	98 319	33 805,153	742 467,835	21,963	21,499	79	80	41 699	2 275,440	13 154,783	5,781	5,317
30	31	98 243	32 557,996	708 662,682	21,766	21,302	80	81	38 238	2 011,182	10 879,343	5,409	4,945
31	32	98 159	31 354,529	676 104,686	21,563	21,099	81	82	34 646	1 756,375	8 868,162	5,049	4,585
32	33	98 070	30 193,751	644 750,156	21,354	20,889	82	83	30 964	1 512,971	7 111,787	4,701	4,236
33	34	97 976	29 074,446	614 556,405	21,137	20,673	83	84	27 224	1 282,174	5 598,816	4,367	3,902
34	35	97 870	27 993,223	585 481,959	20,915	20,451	84	85	23 474	1 065,598	4 316,641	4,051	3,586
35	36	97 755	26 949,869	557 488,736	20,686	20,222	85	86	19 797	866,167	3 251,044	3,753	3,289
36	37	97 635	25 943,789	530 538,867	20,450	19,985	86	87	16 263	685,840	2 384,876	3,477	3,013
37	38	97 499	24 971,363	504 595,078	20,207	19,743	87	88	12 971	527,252	1 699,037	3,222	2,758
38	39	97 348	24 031,450	479 623,715	19,958	19,494	88	89	10 018	392,470	1 171,785	2,986	2,521
39	40	97 186	23 124,254	455 592,265	19,702	19,237	89	90	7 447	281,202	779,315	2,771	2,307
40	41	97 012	22 248,607	432 468,011	19,438	18,974	90	91	5 302	192,979	498,113	2,581	2,117
41	42	96 821	21 402,204	410 219,404	19,167	18,703	91	92	3 611	126,690	305,134	2,409	1,944
42	43	96 603	20 582,083	388 817,200	18,891	18,427	92	93	2 344	79,260	178,445	2,251	1,787
43	44	96 380	19 792,345	368 235,118	18,605	18,141	93	94	1 438	46,869	99,184	2,116	1,652
44	45	96 135	19 028,522	348 442,773	18,312	17,847	94	95	837	26,283	52,315	1,990	1,526
45	46	95 865	18 289,250	329 414,250	18,011	17,547	95	96	456	13,793	26,032	1,887	1,423
46	47	95 572	17 574,228	311 125,000	17,703	17,239	96	97	233	6,794	12,239	1,801	1,337
47	48	95 251	16 882,109	293 550,772	17,388	16,924	97	98	113	3,166	5,445	1,720	1,256
48	49	94 884	16 209,344	276 668,663	17,068	16,604	98	99	51	1,386	2,279	1,645	1,180
49	50	94 476	15 556,221	260 459,318	16,743	16,279	99	100	22	0,568	0,893	1,571	1,107

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	2 538 526,279	25,465	25,000	50	52	93 830	14 891,361	242 337,124	16,274	15,809
1	3	99 338	95 747,506	2 438 837,643	25,472	25,007	51	53	93 322	14 275,459	227 445,763	15,933	15,468
2	4	99 304	92 255,251	2 343 090,137	25,398	24,933	52	54	92 757	13 676,266	213 170,305	15,587	15,122
3	5	99 282	88 900,711	2 250 834,886	25,319	24,854	53	55	92 132	13 093,107	199 494,039	15,237	14,772
4	6	99 263	85 671,454	2 161 934,176	25,235	24,771	54	56	91 431	12 523,796	186 400,932	14,884	14,419
5	7	99 245	82 559,445	2 076 262,722	25,149	24,684	55	57	90 665	11 970,057	173 877,136	14,526	14,062
6	8	99 231	79 564,347	1 993 703,277	25,058	24,593	56	58	89 811	11 428,703	161 907,079	14,167	13,702
7	9	99 215	76 676,095	1 914 138,931	24,964	24,500	57	59	88 870	10 900,163	150 478,376	13,805	13,341
8	10	99 200	73 893,560	1 837 462,836	24,866	24,402	58	60	87 833	10 383,561	139 578,213	13,442	12,978
9	11	99 187	71 213,325	1 763 569,275	24,765	24,300	59	61	86 708	9 880,035	129 194,652	13,076	12,612
10	12	99 171	68 628,562	1 692 355,950	24,660	24,195	60	62	85 474	9 387,440	119 314,617	12,710	12,246
11	13	99 158	66 138,905	1 623 727,388	24,550	24,086	61	63	84 139	8 906,824	109 927,178	12,342	11,877
12	14	99 143	63 738,899	1 557 588,483	24,437	23,973	62	64	82 685	8 436,531	101 020,354	11,974	11,510
13	15	99 125	61 423,977	1 493 849,584	24,320	23,856	63	65	81 108	7 976,485	92 583,824	11,607	11,143
14	16	99 104	59 191,478	1 432 425,607	24,200	23,735	64	66	79 415	7 527,768	84 607,338	11,239	10,775
15	17	99 079	57 037,687	1 373 234,128	24,076	23,611	65	67	77 607	7 090,488	77 079,570	10,871	10,406
16	18	99 051	54 960,412	1 316 196,442	23,948	23,484	66	68	75 701	6 666,315	69 989,082	10,499	10,034
17	19	99 012	52 953,181	1 261 236,029	23,818	23,354	67	69	73 670	6 252,958	63 322,767	10,127	9,662
18	20	98 970	51 017,215	1 208 282,848	23,684	23,219	68	70	71 502	5 849,648	57 069,809	9,756	9,292
19	21	98 915	49 146,192	1 157 265,633	23,547	23,083	69	71	69 218	5 458,110	51 220,161	9,384	8,920
20	22	98 859	47 342,669	1 108 119,441	23,406	22,942	70	72	66 823	5 078,772	45 762,052	9,010	8,546
21	23	98 801	45 605,006	1 060 776,772	23,260	22,796	71	73	64 342	4 713,481	40 683,279	8,631	8,167
22	24	98 745	43 931,667	1 015 171,766	23,108	22,644	72	74	61 688	4 355,681	35 969,799	8,258	7,794
23	25	98 688	42 319,071	971 240,099	22,950	22,486	73	75	58 974	4 013,534	31 614,118	7,877	7,412
24	26	98 627	40 764,400	928 921,028	22,788	22,323	74	76	56 121	3 681,349	27 600,583	7,497	7,033
25	27	98 564	39 265,990	888 156,628	22,619	22,155	75	77	53 167	3 361,500	23 919,234	7,116	6,651
26	28	98 500	37 822,086	848 890,638	22,444	21,980	76	78	50 117	3 054,162	20 557,734	6,731	6,267
27	29	98 433	36 430,286	811 068,552	22,264	21,799	77	79	46 928	2 756,440	17 503,572	6,350	5,886
28	30	98 365	35 089,676	774 638,265	22,076	21,612	78	80	43 651	2 471,285	14 747,131	5,967	5,503
29	31	98 291	33 795,594	739 549,189	21,883	21,419	79	81	40 229	2 195,204	12 275,846	5,592	5,128
30	32	98 211	32 547,513	705 753,595	21,684	21,219	80	82	36 693	1 929,899	10 080,642	5,223	4,759
31	33	98 126	31 343,997	673 206,083	21,478	21,014	81	83	33 018	1 673,821	8 150,743	4,870	4,405
32	34	98 036	30 183,177	641 862,086	21,266	20,801	82	84	29 255	1 429,462	6 476,922	4,531	4,067
33	35	97 938	29 063,346	611 678,909	21,046	20,582	83	85	25 488	1 200,387	5 047,460	4,205	3,740
34	36	97 824	27 980,152	582 615,564	20,822	20,358	84	86	21 744	987,070	3 847,073	3,897	3,433
35	37	97 709	26 937,018	554 635,411	20,590	20,126	85	87	18 108	792,302	2 860,003	3,610	3,145
36	38	97 586	25 930,689	527 698,393	20,350	19,886	86	88	14 651	617,876	2 067,701	3,346	2,882
37	39	97 445	24 957,526	501 767,705	20,105	19,640	87	89	11 502	467,512	1 449,825	3,101	2,637
38	40	97 285	24 015,814	476 810,179	19,854	19,390	88	90	8 727	341,918	982,313	2,873	2,409
39	41	97 124	23 109,613	452 794,364	19,593	19,129	89	91	6 351	239,833	640,395	2,670	2,206
40	42	96 941	22 232,300	429 684,751	19,327	18,863	90	92	4 422	160,958	400,563	2,489	2,024
41	43	96 743	21 384,935	407 452,451	19,053	18,589	91	93	2 933	102,879	239,605	2,329	1,865
42	44	96 516	20 563,647	386 067,516	18,774	18,310	92	94	1 853	62,659	136,726	2,182	1,718
43	45	96 289	19 773,625	365 503,869	18,484	18,020	93	95	1 108	36,115	74,067	2,051	1,586
44	46	96 032	19 008,054	345 730,244	18,189	17,724	94	96	624	19,600	37,953	1,936	1,472
45	47	95 752	18 267,592	326 722,190	17,885	17,421	95	97	328	9,940	18,352	1,846	1,382
46	48	95 447	17 551,392	308 454,597	17,574	17,110	96	98	164	4,791	8,412	1,756	1,291
47	49	95 106	16 856,497	290 903,205	17,258	16,793	97	99	77	2,156	3,620	1,679	1,215
48	50	94 725	16 182,047	274 046,708	16,935	16,471	98	100	34	0,910	1,465	1,609	1,145
49	51	94 302	15 527,536	257 864,661	16,607	16,143							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	2 535 165,648	25,434	24,970	50	53	93 623	14 858,534	239 578,089	16,124	15,660
1	4	99 328	95 737,960	2 435 490,112	25,439	24,975	51	54	93 091	14 240,076	224 719,555	15,781	15,316
2	5	99 295	92 246,758	2 339 752,152	25,364	24,900	52	55	92 502	13 638,598	210 479,479	15,433	14,968
3	6	99 275	88 894,671	2 247 505,394	25,283	24,818	53	56	91 846	13 052,356	196 840,881	15,081	14,616
4	7	99 256	85 665,198	2 158 610,723	25,198	24,734	54	57	91 122	12 481,446	183 788,525	14,725	14,261
5	8	99 240	82 555,512	2 072 945,525	25,110	24,645	55	58	90 325	11 925,094	171 307,079	14,365	13,901
6	9	99 224	79 558,613	1 990 390,012	25,018	24,553	56	59	89 436	11 381,004	159 381,985	14,004	13,540
7	10	99 210	76 672,020	1 910 831,400	24,922	24,458	57	60	88 458	10 849,647	148 000,981	13,641	13,177
8	11	99 194	73 889,452	1 834 159,380	24,823	24,359	58	61	87 382	10 330,326	137 151,334	13,277	12,812
9	12	99 179	71 207,849	1 760 269,928	24,720	24,256	59	62	86 223	9 824,843	126 821,008	12,908	12,444
10	13	99 165	68 624,225	1 689 062,079	24,613	24,149	60	63	84 951	9 329,970	116 996,165	12,540	12,075
11	14	99 150	66 133,678	1 620 437,855	24,502	24,038	61	64	83 570	8 846,612	107 666,194	12,170	11,706
12	15	99 134	63 733,019	1 554 304,177	24,388	23,923	62	65	82 072	8 374,026	98 819,582	11,801	11,336
13	16	99 114	61 416,866	1 490 571,158	24,270	23,805	63	66	80 458	7 912,564	90 445,556	11,431	10,966
14	17	99 092	59 183,911	1 429 154,292	24,148	23,683	64	67	78 720	7 461,842	82 532,992	11,061	10,596
15	18	99 067	57 030,292	1 369 970,380	24,022	23,557	65	68	76 881	7 024,136	75 071,150	10,688	10,223
16	19	99 035	54 951,491	1 312 940,089	23,893	23,428	66	69	74 928	6 598,292	68 047,014	10,313	9,848
17	20	98 996	52 944,477	1 257 988,598	23,761	23,296	67	70	72 819	6 180,759	61 448,723	9,942	9,478
18	21	98 954	51 008,864	1 205 044,120	23,624	23,160	68	71	70 605	5 776,225	55 267,963	9,568	9,104
19	22	98 899	49 137,847	1 154 035,256	23,486	23,021	69	72	68 262	5 382,709	49 491,738	9,195	8,730
20	23	98 842	47 334,726	1 104 897,409	23,342	22,878	70	73	65 824	5 002,855	44 109,030	8,817	8,352
21	24	98 785	45 597,547	1 057 562,683	23,193	22,729	71	74	63 266	4 634,596	39 106,175	8,438	7,973
22	25	98 729	43 924,451	1 011 965,136	23,039	22,574	72	75	60 566	4 276,442	34 471,579	8,061	7,596
23	26	98 668	42 310,844	968 040,685	22,879	22,415	73	76	57 787	3 932,782	30 195,137	7,678	7,213
24	27	98 609	40 757,134	925 729,842	22,713	22,249	74	77	54 878	3 599,812	26 262,355	7,295	6,831
25	28	98 544	39 257,754	884 972,708	22,543	22,078	75	78	51 894	3 281,031	22 662,543	6,907	6,443
26	29	98 477	37 813,085	845 714,954	22,366	21,901	76	79	48 754	2 971,066	19 381,512	6,523	6,059
27	30	98 409	36 421,297	807 901,869	22,182	21,718	77	80	45 482	2 671,519	16 410,446	6,143	5,678
28	31	98 337	35 079,154	771 480,572	21,993	21,528	78	81	42 112	2 384,144	13 738,927	5,763	5,298
29	32	98 260	33 784,711	736 401,418	21,797	21,332	79	82	38 603	2 106,485	11 354,783	5,390	4,926
30	33	98 178	32 536,580	702 616,707	21,595	21,130	80	83	34 968	1 839,189	9 248,299	5,028	4,564
31	34	98 092	31 333,020	670 080,127	21,386	20,921	81	84	31 195	1 581,433	7 409,109	4,685	4,221
32	35	97 998	30 171,653	638 747,108	21,170	20,706	82	85	27 389	1 338,279	5 827,676	4,355	3,890
33	36	97 893	29 049,775	608 575,455	20,949	20,485	83	86	23 610	1 111,926	4 489,397	4,037	3,573
34	37	97 777	27 966,810	579 525,680	20,722	20,257	84	87	19 890	902,894	3 377,471	3,741	3,276
35	38	97 659	26 923,416	551 558,870	20,486	20,022	85	88	16 314	713,789	2 474,577	3,467	3,002
36	39	97 532	25 916,320	524 635,454	20,243	19,779	86	89	12 991	547,869	1 760,788	3,214	2,749
37	40	97 382	24 941,288	498 719,133	19,996	19,531	87	90	10 020	407,293	1 212,920	2,978	2,514
38	41	97 223	24 000,609	473 777,846	19,740	19,276	88	91	7 443	291,616	805,626	2,763	2,298
39	42	97 053	23 092,675	449 777,237	19,477	19,013	89	92	5 297	200,038	514,011	2,570	2,105
40	43	96 863	22 214,362	426 684,562	19,208	18,743	90	93	3 591	130,707	313,973	2,402	1,938
41	44	96 657	21 365,781	404 470,200	18,931	18,466	91	94	2 318	81,330	183,266	2,253	1,789
42	45	96 425	20 544,197	383 104,419	18,648	18,183	92	95	1 428	48,281	101,936	2,111	1,647
43	46	96 185	19 752,355	362 560,222	18,355	17,891	93	96	826	26,933	53,655	1,992	1,528
44	47	95 918	18 985,545	342 807,867	18,056	17,592	94	97	450	14,126	26,723	1,892	1,427
45	48	95 627	18 243,856	323 822,322	17,750	17,285	95	98	232	7,011	12,597	1,797	1,332
46	49	95 303	17 524,765	305 578,466	17,437	16,973	96	99	112	3,263	5,586	1,712	1,248
47	50	94 946	16 828,110	288 053,701	17,117	16,653	97	100	50	1,416	2,323	1,641	1,177
48	51	94 550	16 152,209	271 225,591	16,792	16,327							
49	52	94 106	15 495,293	255 073,382	16,461	15,997							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	2 531 559,583	25,401	24,936	50	54	93 391	14 821,706	236 617,402	15,964	15,500
1	5	99 319	95 729,147	2 431 893,984	25,404	24,939	51	55	92 834	14 200,855	221 795,696	15,618	15,154
2	6	99 288	92 240,491	2 336 164,837	25,327	24,862	52	56	92 214	13 596,149	207 594,841	15,269	14,804
3	7	99 268	88 888,180	2 243 924,346	25,244	24,780	53	57	91 535	13 008,218	193 998,692	14,914	14,449
4	8	99 251	85 661,118	2 155 036,166	25,158	24,693	54	58	90 780	12 434,562	180 990,474	14,555	14,091
5	9	99 233	82 549,563	2 069 375,048	25,068	24,604	55	59	89 948	11 875,324	168 555,912	14,194	13,729
6	10	99 219	79 554,384	1 986 825,485	24,974	24,510	56	60	89 022	11 328,259	156 680,588	13,831	13,367
7	11	99 204	76 667,757	1 907 271,101	24,877	24,413	57	61	88 005	10 794,023	145 352,329	13,466	13,002
8	12	99 187	73 883,700	1 830 603,344	24,777	24,312	58	62	86 894	10 272,619	134 558,306	13,099	12,634
9	13	99 173	71 203,348	1 756 719,574	24,672	24,207	59	63	85 695	9 764,696	124 285,687	12,728	12,264
10	14	99 157	68 618,801	1 685 516,226	24,563	24,099	60	64	84 376	9 266,898	114 520,990	12,358	11,894
11	15	99 141	66 127,577	1 616 897,425	24,451	23,987	61	65	82 951	8 781,069	105 254,092	11,986	11,522
12	16	99 122	63 725,640	1 550 769,848	24,335	23,871	62	66	81 415	8 306,919	96 473,023	11,614	11,149
13	17	99 101	61 409,015	1 487 044,208	24,215	23,751	63	67	79 753	7 843,268	88 166,104	11,241	10,777
14	18	99 079	59 176,238	1 425 635,193	24,091	23,627	64	68	77 983	7 392,014	80 322,836	10,866	10,402
15	19	99 050	57 021,034	1 366 458,955	23,964	23,500	65	69	76 097	6 952,462	72 930,822	10,490	10,026
16	20	99 019	54 942,459	1 309 437,921	23,833	23,368	66	70	74 063	6 522,106	65 978,360	10,116	9,652
17	21	98 980	52 935,811	1 254 495,462	23,698	23,234	67	71	71 905	6 103,180	59 456,254	9,742	9,277
18	22	98 937	51 000,203	1 201 559,651	23,560	23,095	68	72	69 630	5 696,429	53 353,074	9,366	8,902
19	23	98 882	49 129,603	1 150 559,448	23,419	22,954	69	73	67 242	5 302,248	47 656,645	8,988	8,524
20	24	98 826	47 326,984	1 101 429,844	23,273	22,808	70	74	64 723	4 919,127	42 354,397	8,610	8,146
21	25	98 769	45 590,057	1 054 102,861	23,121	22,657	71	75	62 115	4 550,282	37 435,269	8,227	7,763
22	26	98 710	43 915,911	1 008 512,804	22,965	22,500	72	76	59 347	4 190,400	32 884,987	7,848	7,383
23	27	98 651	42 303,302	964 596,893	22,802	22,338	73	77	56 507	3 845,676	28 694,587	7,462	6,997
24	28	98 589	40 748,585	922 293,591	22,634	22,169	74	78	53 564	3 513,638	24 848,911	7,072	6,608
25	29	98 520	39 248,411	881 545,005	22,461	21,996	75	79	50 482	3 191,763	21 335,273	6,684	6,220
26	30	98 452	37 803,754	842 296,594	22,281	21,816	76	80	47 252	2 879,532	18 143,511	6,301	5,836
27	31	98 381	36 410,997	804 492,840	22,095	21,630	77	81	43 879	2 577,317	15 263,979	5,922	5,458
28	32	98 305	35 067,858	768 081,843	21,903	21,438	78	82	40 410	2 287,788	12 686,662	5,545	5,081
29	33	98 227	33 773,363	733 013,985	21,704	21,239	79	83	36 788	2 007,475	10 398,873	5,180	4,716
30	34	98 144	32 525,184	699 240,622	21,498	21,034	80	84	33 038	1 737,674	8 391,398	4,829	4,365
31	35	98 055	31 321,057	666 715,438	21,286	20,822	81	85	29 205	1 480,557	6 653,725	4,494	4,030
32	36	97 953	30 157,565	635 394,381	21,069	20,605	82	86	25 370	1 239,656	5 173,168	4,173	3,709
33	37	97 846	29 035,922	605 236,816	20,844	20,380	83	87	21 596	1 017,103	3 933,512	3,867	3,403
34	38	97 728	27 952,688	576 200,894	20,613	20,149	84	88	17 919	813,422	2 916,409	3,585	3,121
35	39	97 605	26 908,498	548 248,205	20,375	19,910	85	89	14 466	632,914	2 102,987	3,323	2,858
36	40	97 468	25 899,458	521 339,707	20,129	19,665	86	90	11 318	477,300	1 470,073	3,080	2,616
37	41	97 320	24 925,497	495 440,250	19,877	19,412	87	91	8 546	347,374	992,774	2,858	2,394
38	42	97 152	23 983,018	470 514,753	19,619	19,154	88	92	6 208	243,228	645,400	2,653	2,189
39	43	96 975	23 074,043	446 531,735	19,352	18,888	89	93	4 302	162,441	402,172	2,476	2,011
40	44	96 776	22 194,465	423 457,692	19,079	18,615	90	94	2 839	103,329	239,730	2,320	1,856
41	45	96 565	21 345,572	401 263,227	18,798	18,334	91	95	1 786	62,668	136,401	2,177	1,712
42	46	96 321	20 522,099	379 917,655	18,513	18,048	92	96	1 065	36,006	73,733	2,048	1,583
43	47	96 071	19 728,964	359 395,557	18,217	17,752	93	97	596	19,410	37,728	1,944	1,479
44	48	95 793	18 960,876	339 666,593	17,914	17,450	94	98	317	9,962	18,318	1,839	1,374
45	49	95 482	18 216,178	320 705,717	17,606	17,141	95	99	158	4,774	8,355	1,750	1,286
46	50	95 142	17 495,252	302 489,539	17,290	16,825	96	100	73	2,143	3,581	1,671	1,207
47	51	94 771	16 797,081	284 994,287	16,967	16,502							
48	52	94 354	16 118,669	268 197,206	16,639	16,174							
49	53	93 898	15 461,135	252 078,537	16,304	15,840							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	2 527 693,046	25,364	24,900	50	55	93 133	14 780,883	233 449,172	15,794	15,330
1	6	99 312	95 722,643	2 428 036,622	25,365	24,901	51	56	92 545	14 156,656	218 668,289	15,446	14,982
2	7	99 281	92 233,756	2 332 313,979	25,287	24,823	52	57	91 902	13 550,173	204 511,633	15,093	14,628
3	8	99 263	88 883,946	2 240 080,223	25,202	24,738	53	58	91 191	12 959,356	190 961,461	14,735	14,271
4	9	99 244	85 654,945	2 151 196,277	25,115	24,650	54	59	90 401	12 382,665	178 002,105	14,375	13,911
5	10	99 228	82 545,175	2 065 541,333	25,023	24,559	55	60	89 531	11 820,288	165 619,440	14,011	13,547
6	11	99 213	79 549,961	1 982 996,157	24,928	24,463	56	61	88 566	11 270,182	153 799,151	13,647	13,182
7	12	99 196	76 661,861	1 903 446,196	24,829	24,365	57	62	87 513	10 733,725	142 528,970	13,279	12,814
8	13	99 181	73 879,101	1 826 784,335	24,727	24,262	58	63	86 362	10 209,731	131 795,244	12,909	12,444
9	14	99 165	71 197,721	1 752 905,234	24,620	24,156	59	64	85 116	9 698,685	121 585,513	12,536	12,072
10	15	99 148	68 612,471	1 681 707,514	24,510	24,046	60	65	83 751	9 198,242	111 886,828	12,164	11,700
11	16	99 129	66 119,921	1 613 095,043	24,397	23,932	61	66	82 286	8 710,700	102 688,587	11,789	11,324
12	17	99 110	63 717,493	1 546 975,122	24,279	23,814	62	67	80 702	8 234,169	93 977,886	11,413	10,949
13	18	99 088	61 401,053	1 483 257,628	24,157	23,692	63	68	79 007	7 769,871	85 743,717	11,035	10,571
14	19	99 063	59 166,633	1 421 856,575	24,031	23,567	64	69	77 188	7 316,586	77 973,846	10,657	10,193
15	20	99 034	57 011,662	1 362 689,943	23,902	23,438	65	70	75 218	6 872,187	70 657,260	10,282	9,817
16	21	99 003	54 933,466	1 305 678,281	23,768	23,304	66	71	73 134	6 440,242	63 785,073	9,904	9,440
17	22	98 963	52 926,823	1 250 744,815	23,632	23,167	67	72	70 912	6 018,868	57 344,831	9,528	9,063
18	23	98 920	50 991,646	1 197 817,992	23,490	23,026	68	73	68 589	5 611,280	51 325,963	9,147	8,683
19	24	98 866	49 121,568	1 146 826,346	23,347	22,882	69	74	66 116	5 213,510	45 714,684	8,769	8,304
20	25	98 810	47 319,210	1 097 704,778	23,198	22,733	70	75	63 545	4 829,638	40 501,174	8,386	7,922
21	26	98 750	45 581,193	1 050 385,569	23,044	22,580	71	76	60 865	4 458,731	35 671,536	8,000	7,536
22	27	98 692	43 908,084	1 004 804,375	22,884	22,420	72	77	58 033	4 097,587	31 212,805	7,617	7,153
23	28	98 630	42 294,429	960 896,292	22,719	22,255	73	78	55 155	3 753,616	27 115,218	7,224	6,759
24	29	98 565	40 738,887	918 601,863	22,549	22,084	74	79	52 107	3 418,041	23 361,602	6,835	6,370
25	30	98 496	39 238,726	877 862,975	22,372	21,908	75	80	48 927	3 093,430	19 943,561	6,447	5,983
26	31	98 424	37 793,064	838 624,249	22,190	21,725	76	81	45 586	2 777,995	16 850,131	6,066	5,601
27	32	98 349	36 399,273	800 831,186	22,001	21,537	77	82	42 105	2 473,154	14 072,136	5,690	5,226
28	33	98 272	35 056,078	764 431,913	21,806	21,342	78	83	38 511	2 180,257	11 598,982	5,320	4,856
29	34	98 192	33 761,535	729 375,834	21,604	21,139	79	84	34 758	1 896,671	9 418,725	4,966	4,502
30	35	98 106	32 512,766	695 614,300	21,395	20,931	80	85	30 931	1 626,831	7 522,054	4,624	4,159
31	36	98 009	31 306,432	663 101,533	21,181	20,717	81	86	27 053	1 371,449	5 895,223	4,299	3,834
32	37	97 906	30 143,184	631 795,101	20,960	20,495	82	87	23 207	1 133,940	4 523,775	3,989	3,525
33	38	97 797	29 021,261	601 651,918	20,731	20,267	83	88	19 456	916,313	3 389,834	3,699	3,235
34	39	97 674	27 937,200	572 630,657	20,497	20,033	84	89	15 889	721,258	2 473,521	3,429	2,965
35	40	97 542	26 890,990	544 693,457	20,256	19,791	85	90	12 602	551,391	1 752,263	3,178	2,713
36	41	97 406	25 883,060	517 802,467	20,005	19,541	86	91	9 653	407,081	1 200,873	2,950	2,486
37	42	97 249	24 907,228	491 919,407	19,750	19,286	87	92	7 128	289,735	793,792	2,740	2,275
38	43	97 074	23 963,667	467 012,179	19,488	19,024	88	93	5 041	197,515	504,057	2,552	2,088
39	44	96 888	23 053,375	443 048,512	19,218	18,754	89	94	3 401	128,417	306,543	2,387	1,923
40	45	96 685	22 173,472	419 995,136	18,941	18,477	90	95	2 188	79,619	178,126	2,237	1,773
41	46	96 461	21 322,611	397 821,664	18,657	18,193	91	96	1 332	46,735	98,507	2,108	1,643
42	47	96 207	20 497,797	376 499,053	18,368	17,903	92	97	767	25,949	51,772	1,995	1,531
43	48	95 946	19 703,329	356 001,256	18,068	17,604	93	98	420	13,689	25,823	1,886	1,422
44	49	95 648	18 932,110	336 297,927	17,763	17,299	94	99	216	6,784	12,134	1,789	1,324
45	50	95 321	18 185,501	317 365,817	17,452	16,987	95	100	104	3,135	5,350	1,706	1,242
46	51	94 967	17 462,993	299 180,316	17,132	16,668							
47	52	94 574	16 762,201	281 717,324	16,807	16,342							
48	53	94 146	16 083,136	264 955,122	16,474	16,010							
49	54	93 666	15 422,814	248 871,986	16,137	15,672							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	2 523 553,711	25,324	24,860	50	56	92 844	14 734,879	230 068,065	15,614	15,149
1	7	99 305	95 715,654	2 423 904,058	25,324	24,860	51	57	92 232	14 108,784	215 333,186	15,262	14,798
2	8	99 276	92 229,363	2 328 188,404	25,243	24,779	52	58	91 557	13 499,274	201 224,401	14,906	14,442
3	9	99 256	88 877,541	2 235 959,041	25,158	24,693	53	59	90 811	12 905,269	187 725,127	14,546	14,082
4	10	99 239	85 650,392	2 147 081,501	25,068	24,604	54	60	89 982	12 325,278	174 819,858	14,184	13,719
5	11	99 222	82 540,586	2 061 431,109	24,975	24,510	55	61	89 072	11 759,688	162 494,580	13,818	13,354
6	12	99 205	79 543,844	1 978 890,523	24,878	24,414	56	62	88 071	11 207,224	150 734,892	13,450	12,985
7	13	99 190	76 657,017	1 899 346,679	24,777	24,313	57	63	86 977	10 668,014	139 527,668	13,079	12,615
8	14	99 173	73 873,261	1 822 689,663	24,673	24,209	58	64	85 779	10 140,712	128 859,654	12,707	12,243
9	15	99 156	71 191,153	1 748 816,401	24,565	24,101	59	65	84 485	9 626,829	118 718,942	12,332	11,868
10	16	99 137	68 604,527	1 677 625,249	24,454	23,989	60	66	83 080	9 124,530	109 092,113	11,956	11,491
11	17	99 117	66 111,469	1 609 020,722	24,338	23,874	61	67	81 566	8 634,414	99 967,583	11,578	11,113
12	18	99 097	63 709,232	1 542 909,253	24,218	23,754	62	68	79 946	8 157,114	91 333,169	11,197	10,732
13	19	99 072	61 391,086	1 479 200,021	24,095	23,630	63	69	78 201	7 690,587	83 176,055	10,815	10,351
14	20	99 046	59 156,907	1 417 808,935	23,967	23,502	64	70	76 296	7 232,107	75 485,467	10,438	9,973
15	21	99 018	57 002,330	1 358 652,027	23,835	23,371	65	71	74 274	6 785,929	68 253,360	10,058	9,594
16	22	98 986	54 924,138	1 301 649,697	23,699	23,235	66	72	72 123	6 351,713	61 467,431	9,678	9,214
17	23	98 947	52 917,943	1 246 725,559	23,560	23,095	67	73	69 852	5 928,898	55 116,158	9,296	8,832
18	24	98 904	50 983,306	1 193 807,616	23,416	22,951	68	74	67 441	5 517,369	49 187,260	8,915	8,451
19	25	98 850	49 113,498	1 142 824,309	23,269	22,805	69	75	64 914	5 118,665	43 669,891	8,532	8,067
20	26	98 790	47 310,010	1 093 710,811	23,118	22,654	70	76	62 267	4 732,466	38 551,226	8,146	7,682
21	27	98 732	45 573,069	1 046 400,801	22,961	22,497	71	77	59 517	4 359,975	33 818,760	7,757	7,292
22	28	98 671	43 898,874	1 000 827,732	22,798	22,334	72	78	56 643	3 999,498	29 458,785	7,366	6,901
23	29	98 607	42 284,363	956 928,858	22,631	22,166	73	79	53 654	3 651,490	25 459,288	6,972	6,508
24	30	98 541	40 728,835	914 644,495	22,457	21,993	74	80	50 502	3 312,736	21 807,798	6,583	6,119
25	31	98 468	39 227,630	873 915,660	22,278	21,814	75	81	47 202	2 984,351	18 495,062	6,197	5,733
26	32	98 393	37 780,894	834 688,030	22,093	21,628	76	82	43 743	2 665,722	15 510,711	5,819	5,354
27	33	98 316	36 387,046	796 907,136	21,901	21,436	77	83	40 126	2 356,910	12 844,989	5,450	4,986
28	34	98 238	35 043,090	760 520,090	21,702	21,238	78	84	36 385	2 059,916	10 488,079	5,092	4,627
29	35	98 155	33 748,645	725 476,289	21,496	21,032	79	85	32 541	1 775,686	8 428,163	4,746	4,282
30	36	98 061	32 497,585	691 727,645	21,286	20,821	80	86	28 651	1 506,944	6 652,477	4,415	3,950
31	37	97 962	31 291,503	659 230,060	21,067	20,603	81	87	24 746	1 254,494	5 145,534	4,102	3,637
32	38	97 856	30 127,963	627 938,556	20,842	20,378	82	88	20 907	1 021,573	3 891,040	3,809	3,344
33	39	97 742	29 005,180	597 810,593	20,610	20,146	83	89	17 252	812,491	2 869,467	3,532	3,067
34	40	97 610	27 919,022	568 805,413	20,373	19,909	84	90	13 842	628,355	2 056,976	3,274	2,809
35	41	97 480	26 873,965	540 886,390	20,127	19,662	85	91	10 748	470,272	1 428,621	3,038	2,573
36	42	97 335	25 864,090	514 012,426	19,874	19,409	86	92	8 051	339,535	958,349	2,823	2,358
37	43	97 171	24 887,131	488 148,336	19,614	19,150	87	93	5 788	235,280	618,814	2,630	2,166
38	44	96 987	23 942,203	463 261,205	19,349	18,885	88	94	3 985	156,143	383,534	2,456	1,992
39	45	96 797	23 031,570	439 319,002	19,075	18,610	89	95	2 620	98,951	227,391	2,298	1,834
40	46	96 581	22 149,621	416 287,431	18,794	18,330	90	96	1 631	59,376	128,440	2,163	1,699
41	47	96 347	21 297,361	394 137,811	18,506	18,042	91	97	960	33,681	69,064	2,051	1,586
42	48	96 082	20 471,162	372 840,449	18,213	17,749	92	98	541	18,301	35,383	1,933	1,469
43	49	95 801	19 673,437	352 369,287	17,911	17,446	93	99	286	9,322	17,083	1,833	1,368
44	50	95 487	18 900,227	332 695,850	17,603	17,138	94	100	142	4,455	7,761	1,742	1,277
45	51	95 146	18 151,969	313 795,623	17,287	16,823							
46	52	94 770	17 426,731	295 643,654	16,965	16,501							
47	53	94 366	16 725,250	278 216,923	16,635	16,170							
48	54	93 912	16 043,273	261 491,673	16,299	15,835							
49	55	93 408	15 380,335	245 448,400	15,959	15,494							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	2 519 127,834	25,282	24,817	50	57	92 530	14 685,052	226 470,546	15,422	14,957
1	8	99 300	95 711,095	2 419 485,456	25,279	24,815	51	58	91 886	14 055,788	211 785,494	15,067	14,603
2	9	99 269	92 222,716	2 323 774,362	25,197	24,733	52	59	91 175	13 442,934	197 729,707	14,709	14,244
3	10	99 251	88 872,817	2 231 551,646	25,109	24,645	53	60	90 390	12 845,460	184 286,773	14,346	13,882
4	11	99 233	85 645,630	2 142 678,829	25,018	24,554	54	61	89 520	12 262,089	171 441,313	13,981	13,517
5	12	99 214	82 534,239	2 057 033,199	24,923	24,459	55	62	88 575	11 693,996	159 179,224	13,612	13,148
6	13	99 199	79 538,817	1 974 498,960	24,824	24,360	56	63	87 532	11 138,615	147 485,228	13,241	12,776
7	14	99 182	76 650,958	1 894 960,143	24,722	24,258	57	64	86 389	10 595,897	136 346,613	12,868	12,403
8	15	99 164	73 866,446	1 818 309,186	24,616	24,152	58	65	85 143	10 065,581	125 750,717	12,493	12,029
9	16	99 145	71 182,911	1 744 442,739	24,506	24,042	59	66	83 808	9 549,683	115 685,136	12,114	11,650
10	17	99 124	68 595,757	1 673 259,829	24,393	23,929	60	67	82 352	9 044,619	106 135,453	11,735	11,270
11	18	99 104	66 102,897	1 604 664,072	24,275	23,811	61	68	80 802	8 553,614	97 090,834	11,351	10,886
12	19	99 081	63 698,891	1 538 561,175	24,154	23,689	62	69	79 131	8 073,879	88 537,220	10,966	10,501
13	20	99 056	61 380,995	1 474 862,284	24,028	23,564	63	70	77 298	7 601,790	80 463,340	10,585	10,120
14	21	99 030	59 147,225	1 413 481,289	23,898	23,433	64	71	75 339	7 141,331	72 861,551	10,203	9,738
15	22	99 001	56 992,651	1 354 334,064	23,763	23,299	65	72	73 248	6 692,185	65 720,220	9,820	9,356
16	23	98 969	54 914,923	1 297 341,413	23,625	23,160	66	73	71 045	6 256,335	59 028,035	9,435	8,970
17	24	98 930	52 909,288	1 242 426,489	23,482	23,018	67	74	68 683	5 829,672	52 771,700	9,052	8,588
18	25	98 888	50 974,931	1 189 517,202	23,335	22,871	68	75	66 214	5 416,996	46 942,028	8,666	8,201
19	26	98 830	49 103,950	1 138 542,270	23,186	22,722	69	76	63 608	5 015,677	41 525,032	8,279	7,815
20	27	98 773	47 301,577	1 089 438,320	23,032	22,567	70	77	60 887	4 627,647	36 509,354	7,889	7,425
21	28	98 711	45 563,510	1 042 136,743	22,872	22,408	71	78	58 092	4 255,604	31 881,707	7,492	7,027
22	29	98 648	43 888,426	996 573,233	22,707	22,243	72	79	55 102	3 890,681	27 626,103	7,101	6,636
23	30	98 582	42 273,929	952 684,806	22,536	22,072	73	80	52 001	3 538,993	23 735,421	6,707	6,242
24	31	98 513	40 717,317	910 410,877	22,359	21,895	74	81	48 721	3 195,924	20 196,428	6,319	5,855
25	32	98 436	39 214,998	869 693,560	22,178	21,713	75	82	45 294	2 863,737	17 000,504	5,936	5,472
26	33	98 360	37 768,203	830 478,562	21,989	21,524	76	83	41 687	2 540,427	14 136,767	5,565	5,100
27	34	98 282	36 374,302	792 710,358	21,793	21,329	77	84	37 911	2 226,819	11 596,340	5,208	4,743
28	35	98 200	35 030,421	756 336,056	21,591	21,126	78	85	34 064	1 928,518	9 369,521	4,858	4,394
29	36	98 109	33 732,886	721 305,635	21,383	20,918	79	86	30 143	1 644,829	7 441,004	4,524	4,059
30	37	98 014	32 482,088	687 572,749	21,168	20,703	80	87	26 208	1 378,434	5 796,175	4,205	3,740
31	38	97 913	31 275,703	655 090,660	20,946	20,481	81	88	22 294	1 130,180	4 417,741	3,909	3,444
32	39	97 802	30 111,269	623 814,957	20,717	20,253	82	89	18 538	905,824	3 287,561	3,629	3,165
33	40	97 679	28 986,308	593 703,688	20,482	20,018	83	90	15 030	707,837	2 381,737	3,365	2,900
34	41	97 549	27 901,346	564 717,380	20,240	19,775	84	91	11 806	535,914	1 673,899	3,123	2,659
35	42	97 409	26 854,268	536 816,034	19,990	19,526	85	92	8 965	392,240	1 137,986	2,901	2,437
36	43	97 256	25 843,221	509 961,766	19,733	19,268	86	93	6 538	275,720	745,746	2,705	2,240
37	44	97 084	24 864,840	484 118,545	19,470	19,006	87	94	4 576	185,999	470,025	2,527	2,063
38	45	96 895	23 919,558	459 253,705	19,200	18,736	88	95	3 071	120,315	284,026	2,361	1,896
39	46	96 692	23 006,796	435 334,148	18,922	18,458	89	96	1 954	73,792	163,711	2,219	1,754
40	47	96 466	22 123,392	412 327,352	18,638	18,173	90	97	1 176	42,791	89,919	2,101	1,637
41	48	96 222	21 269,688	390 203,960	18,346	17,881	91	98	677	23,754	47,128	1,984	1,520
42	49	95 936	20 440,105	368 934,272	18,050	17,585	92	99	369	12,462	23,374	1,876	1,411
43	50	95 639	19 640,306	348 494,166	17,744	17,279	93	100	188	6,122	10,911	1,782	1,318
44	51	95 311	18 865,377	328 853,861	17,432	16,967							
45	52	94 948	18 114,276	309 988,484	17,113	16,649							
46	53	94 561	17 388,315	291 874,208	16,786	16,321							
47	54	94 132	16 683,796	274 485,893	16,452	15,988							
48	55	93 654	15 999,085	257 802,097	16,114	15,649							
49	56	93 117	15 332,466	241 803,012	15,771	15,306							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	2 514 404,895	25,235	24,771	50	58	92 182	14 629,891	222 652,262	15,219	14,755
1	9	99 293	95 704,197	2 414 767,264	25,232	24,767	51	59	91 502	13 997,125	208 022,371	14,862	14,397
2	10	99 264	92 217,814	2 319 063,067	25,148	24,683	52	60	90 752	13 380,633	194 025,246	14,500	14,036
3	11	99 245	88 867,876	2 226 845,252	25,058	24,594	53	61	89 926	12 779,604	180 644,613	14,135	13,671
4	12	99 226	85 639,044	2 137 977,376	24,965	24,501	54	62	89 020	12 193,591	167 865,009	13,767	13,302
5	13	99 208	82 529,023	2 052 338,333	24,868	24,404	55	63	88 032	11 622,406	155 671,419	13,394	12,930
6	14	99 191	79 532,530	1 969 809,310	24,767	24,303	56	64	86 940	11 063,315	144 049,012	13,020	12,556
7	15	99 173	76 643,887	1 890 276,780	24,663	24,199	57	65	85 749	10 517,394	132 985,697	12,644	12,180
8	16	99 152	73 857,895	1 813 632,894	24,556	24,091	58	66	84 461	9 984,919	122 468,303	12,265	11,801
9	17	99 132	71 173,811	1 739 774,999	24,444	23,980	59	67	83 074	9 466,049	112 483,384	11,883	11,418
10	18	99 111	68 586,863	1 668 601,188	24,328	23,864	60	68	81 582	8 959,980	103 017,335	11,497	11,033
11	19	99 088	66 092,167	1 600 014,325	24,209	23,744	61	69	79 978	8 466,333	94 057,355	11,110	10,645
12	20	99 064	63 688,421	1 533 922,158	24,085	23,620	62	70	78 217	7 980,656	85 591,022	10,725	10,260
13	21	99 039	61 370,949	1 470 233,737	23,957	23,492	63	71	76 327	7 506,374	77 610,366	10,339	9,875
14	22	99 013	59 137,182	1 408 862,788	23,824	23,359	64	72	74 298	7 042,677	70 103,992	9,954	9,490
15	23	98 985	56 983,089	1 349 725,607	23,686	23,222	65	73	72 153	6 592,150	63 061,315	9,566	9,102
16	24	98 953	54 905,941	1 292 742,518	23,545	23,080	66	74	69 856	6 151,629	56 469,165	9,180	8,715
17	25	98 914	52 900,596	1 237 836,576	23,399	22,935	67	75	67 433	5 723,618	50 317,536	8,791	8,327
18	26	98 869	50 965,021	1 184 935,980	23,250	22,786	68	76	64 882	5 308,006	44 593,918	8,401	7,937
19	27	98 813	49 095,198	1 133 970,959	23,097	22,633	69	77	62 199	4 904,586	39 285,912	8,010	7,546
20	28	98 752	47 291,656	1 084 875,761	22,940	22,476	70	78	59 430	4 516,869	34 381,325	7,612	7,147
21	29	98 688	45 552,667	1 037 584,105	22,778	22,313	71	79	56 512	4 139,820	29 864,457	7,214	6,750
22	30	98 624	43 877,596	992 031,438	22,609	22,145	72	80	53 405	3 770,816	25 724,637	6,822	6,358
23	31	98 554	42 261,975	948 153,842	22,435	21,971	73	81	50 167	3 414,203	21 953,821	6,430	5,966
24	32	98 481	40 704,206	905 891,867	22,255	21,791	74	82	46 752	3 066,760	18 539,618	6,045	5,581
25	33	98 403	39 201,826	865 187,661	22,070	21,606	75	83	43 165	2 729,135	15 472,858	5,670	5,205
26	34	98 325	37 754,976	825 985,836	21,878	21,413	76	84	39 386	2 400,206	12 743,723	5,309	4,845
27	35	98 244	36 360,415	788 230,860	21,678	21,214	77	85	35 493	2 084,774	10 343,518	4,961	4,497
28	36	98 154	35 014,064	751 870,445	21,473	21,009	78	86	31 554	1 786,398	8 258,743	4,623	4,159
29	37	98 062	33 716,800	716 856,381	21,261	20,797	79	87	27 572	1 504,560	6 472,345	4,302	3,837
30	38	97 964	32 465,687	683 139,580	21,042	20,577	80	88	23 611	1 241,838	4 967,785	4,000	3,536
31	39	97 858	31 258,373	650 673,893	20,816	20,352	81	89	19 768	1 002,126	3 725,947	3,718	3,254
32	40	97 739	30 091,678	619 415,520	20,584	20,120	82	90	16 150	789,149	2 723,821	3,452	2,987
33	41	97 617	28 967,956	589 323,843	20,344	19,880	83	91	12 818	603,702	1 934,672	3,205	2,740
34	42	97 477	27 880,896	560 355,887	20,098	19,634	84	92	9 847	446,990	1 330,970	2,978	2,513
35	43	97 330	26 832,600	532 474,991	19,844	19,380	85	93	7 280	318,520	883,979	2,775	2,311
36	44	97 169	25 820,073	505 642,390	19,583	19,119	86	94	5 169	217,968	565,459	2,594	2,130
37	45	96 992	24 841,321	479 822,317	19,315	18,851	87	95	3 526	143,320	347,491	2,425	1,960
38	46	96 791	23 893,828	454 980,996	19,042	18,577	88	96	2 290	89,725	204,170	2,276	1,811
39	47	96 578	22 979,552	431 087,167	18,760	18,295	89	97	1 408	53,181	114,446	2,152	1,688
40	48	96 341	22 094,645	408 107,616	18,471	18,006	90	98	829	30,179	61,265	2,030	1,566
41	49	96 076	21 237,420	386 012,971	18,176	17,712	91	99	461	16,176	31,086	1,922	1,457
42	50	95 775	20 405,683	364 775,551	17,876	17,412	92	100	242	8,185	14,910	1,822	1,357
43	51	95 463	19 604,091	344 369,868	17,566	17,102							
44	52	95 113	18 826,203	324 765,777	17,251	16,786							
45	53	94 739	18 074,345	305 939,574	16,927	16,462							
46	54	94 326	17 345,216	287 865,230	16,596	16,132							
47	55	93 872	16 637,844	270 520,013	16,259	15,795							
48	56	93 362	15 949,290	253 882,169	15,918	15,454							
49	57	92 802	15 280,617	237 932,879	15,571	15,106							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	2 509 371,479	25,187	24,722	50	59	91 797	14 568,832	218 610,932	15,005	14,541
1	10	99 288	95 699,110	2 409 741,028	25,180	24,716	51	60	91 078	13 932,256	204 042,100	14,645	14,181
2	11	99 258	92 212,688	2 314 041,918	25,095	24,630	52	61	90 287	13 312,033	190 109,845	14,281	13,817
3	12	99 237	88 861,042	2 221 829,230	25,003	24,539	53	62	89 424	12 708,214	176 797,812	13,912	13,448
4	13	99 219	85 633,632	2 132 968,188	24,908	24,444	54	63	88 475	12 118,943	164 089,597	13,540	13,076
5	14	99 200	82 522,500	2 047 334,557	24,809	24,345	55	64	87 437	11 543,837	151 970,655	13,165	12,700
6	15	99 182	79 525,193	1 964 812,057	24,707	24,242	56	65	86 296	10 981,350	140 426,818	12,788	12,323
7	16	99 162	76 635,013	1 885 286,864	24,601	24,136	57	66	85 062	10 433,111	129 445,468	12,407	11,943
8	17	99 139	73 848,453	1 808 651,851	24,491	24,027	58	67	83 721	9 897,473	119 012,358	12,025	11,560
9	18	99 119	71 164,583	1 734 803,398	24,377	23,913	59	68	82 297	9 377,466	109 114,885	11,636	11,171
10	19	99 095	68 575,730	1 663 638,815	24,260	23,795	60	69	80 749	8 868,553	99 737,418	11,246	10,782
11	20	99 071	66 081,304	1 595 063,085	24,138	23,673	61	70	79 054	8 368,578	90 868,865	10,858	10,394
12	21	99 048	63 677,996	1 528 981,782	24,011	23,547	62	71	77 235	7 880,485	82 500,287	10,469	10,005
13	22	99 023	61 360,528	1 465 303,785	23,880	23,416	63	72	75 273	7 402,677	74 619,802	10,080	9,616
14	23	98 997	59 127,260	1 403 943,257	23,744	23,280	64	73	73 187	6 937,404	67 217,125	9,689	9,225
15	24	98 968	56 973,769	1 344 815,998	23,604	23,140	65	74	70 945	6 481,824	60 279,721	9,300	8,835
16	25	98 937	54 896,922	1 287 842,228	23,459	22,995	66	75	68 585	6 039,718	53 797,897	8,907	8,443
17	26	98 895	52 890,312	1 232 945,306	23,311	22,847	67	76	66 076	5 608,459	47 758,180	8,515	8,051
18	27	98 851	50 955,937	1 180 054,995	23,158	22,694	68	77	63 445	5 190,440	42 149,721	8,121	7,656
19	28	98 792	49 084,900	1 129 099,058	23,003	22,539	69	78	60 710	4 787,178	36 959,281	7,720	7,256
20	29	98 729	47 280,401	1 080 014,157	22,843	22,378	70	79	57 813	4 393,976	32 172,103	7,322	6,857
21	30	98 664	45 541,426	1 032 733,756	22,677	22,212	71	80	54 770	4 012,279	27 778,127	6,923	6,459
22	31	98 596	43 865,188	987 192,330	22,505	22,041	72	81	51 522	3 637,851	23 765,848	6,533	6,069
23	32	98 523	42 248,366	943 327,142	22,328	21,864	73	82	48 140	3 276,217	20 127,997	6,144	5,679
24	33	98 448	40 690,533	901 078,776	22,145	21,680	74	83	44 554	2 922,615	16 851,780	5,766	5,302
25	34	98 369	39 188,096	860 388,243	21,955	21,491	75	84	40 783	2 578,498	13 929,165	5,402	4,938
26	35	98 288	37 740,561	821 200,147	21,759	21,295	76	85	36 874	2 247,101	11 350,667	5,051	4,587
27	36	98 198	36 343,437	783 459,585	21,557	21,093	77	86	32 877	1 931,139	9 103,565	4,714	4,250
28	37	98 108	34 997,368	747 116,149	21,348	20,883	78	87	28 863	1 634,057	7 172,426	4,389	3,925
29	38	98 013	33 699,776	712 118,781	21,131	20,667	79	88	24 840	1 355,466	5 538,369	4,086	3,622
30	39	97 910	32 447,698	678 419,005	20,908	20,444	80	89	20 936	1 101,133	4 182,903	3,799	3,334
31	40	97 795	31 238,035	645 971,308	20,679	20,215	81	90	17 222	873,046	3 081,770	3,530	3,065
32	41	97 677	30 072,626	614 733,273	20,442	19,977	82	91	13 774	673,051	2 208,724	3,282	2,817
33	42	97 545	28 946,724	584 660,647	20,198	19,733	83	92	10 692	503,531	1 535,673	3,050	2,585
34	43	97 398	27 858,400	555 713,923	19,948	19,483	84	93	7 996	362,980	1 032,142	2,844	2,379
35	44	97 243	26 808,566	527 855,523	19,690	19,225	85	94	5 755	251,803	669,161	2,657	2,193
36	45	97 077	25 795,651	501 046,957	19,424	18,959	86	95	3 983	167,954	417,358	2,485	2,021
37	46	96 887	24 814,601	475 251,305	19,152	18,688	87	96	2 629	106,880	249,403	2,333	1,869
38	47	96 676	23 865,533	450 436,704	18,874	18,410	88	97	1 650	64,663	142,523	2,204	1,740
39	48	96 452	22 949,693	426 571,171	18,587	18,123	89	98	993	37,506	77,860	2,076	1,611
40	49	96 195	22 061,125	403 621,478	18,296	17,831	90	99	565	20,551	40,353	1,964	1,499
41	50	95 914	21 201,655	381 560,353	17,997	17,532	91	100	303	10,623	19,802	1,864	1,400
42	51	95 598	20 368,057	360 358,699	17,692	17,228							
43	52	95 265	19 563,383	339 990,642	17,379	16,915							
44	53	94 903	18 784,702	320 427,259	17,058	16,593							
45	54	94 504	18 029,546	301 642,557	16,730	16,266							
46	55	94 066	17 297,443	283 613,011	16,396	15,932							
47	56	93 580	16 586,061	266 315,568	16,057	15,592							
48	57	93 046	15 895,356	249 729,507	15,711	15,246							
49	58	92 454	15 223,219	233 834,151	15,360	14,896							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	2 504 019,408	25,134	24,670	50	60	91 372	14 501,313	214 345,369	14,781	14,317
1	11	99 282	95 693,790	2 404 394,253	25,126	24,661	51	61	90 611	13 860,828	199 844,056	14,418	13,953
2	12	99 251	92 205,596	2 308 700,462	25,039	24,574	52	62	89 783	13 237,670	185 983,228	14,050	13,585
3	13	99 231	88 855,426	2 216 494,866	24,945	24,481	53	63	88 877	12 630,416	172 745,559	13,677	13,213
4	14	99 212	85 626,863	2 127 639,441	24,848	24,383	54	64	87 877	12 037,016	160 115,143	13,302	12,837
5	15	99 191	82 514,887	2 042 012,577	24,747	24,283	55	65	86 789	11 458,311	148 078,126	12,923	12,459
6	16	99 171	79 515,986	1 959 497,691	24,643	24,178	56	66	85 604	10 893,348	136 619,816	12,542	12,077
7	17	99 149	76 625,216	1 879 981,704	24,535	24,070	57	67	84 317	10 341,740	125 726,467	12,157	11,693
8	18	99 127	73 838,878	1 803 356,488	24,423	23,968	58	68	82 938	9 804,853	115 384,727	11,768	11,304
9	19	99 103	71 153,031	1 729 517,610	24,307	23,843	59	69	81 457	9 281,779	105 579,874	11,375	10,911
10	20	99 079	68 564,458	1 658 364,579	24,187	23,723	60	70	79 817	8 766,154	96 298,095	10,985	10,521
11	21	99 055	66 070,487	1 589 800,120	24,062	23,598	61	71	78 062	8 263,538	87 531,941	10,593	10,128
12	22	99 031	63 667,184	1 523 729,633	23,933	23,468	62	72	76 168	7 771,620	79 268,403	10,200	9,735
13	23	99 006	61 350,233	1 460 062,449	23,799	23,334	63	73	74 148	7 292,023	71 496,784	9,805	9,340
14	24	98 981	59 117,589	1 398 712,216	23,660	23,195	64	74	71 962	6 821,299	64 204,761	9,412	8,948
15	25	98 952	56 964,410	1 339 594,627	23,516	23,052	65	75	69 655	6 363,906	57 383,462	9,017	8,553
16	26	98 918	54 886,249	1 282 630,217	23,369	22,904	66	76	67 205	5 918,199	51 019,556	8,621	8,156
17	27	98 877	52 880,885	1 227 743,967	23,217	22,753	67	77	64 613	5 484,238	45 101,357	8,224	7,759
18	28	98 830	50 945,249	1 174 863,083	23,061	22,597	68	78	61 926	5 066,189	39 617,119	7,820	7,355
19	29	98 769	49 073,218	1 123 917,834	22,903	22,438	69	79	59 058	4 656,931	34 550,930	7,419	6,955
20	30	98 704	47 268,734	1 074 844,615	22,739	22,275	70	80	56 032	4 258,605	29 893,999	7,020	6,555
21	31	98 636	45 528,547	1 027 575,881	22,570	22,106	71	81	52 839	3 870,800	25 635,394	6,623	6,158
22	32	98 564	43 851,064	982 047,334	22,395	21,931	72	82	49 439	3 490,826	21 764,595	6,235	5,770
23	33	98 490	42 234,175	938 196,270	22,214	21,750	73	83	45 877	3 122,227	18 273,768	5,853	5,388
24	34	98 414	40 676,282	895 962,096	22,027	21,562	74	84	42 095	2 761,299	15 151,541	5,487	5,023
25	35	98 331	39 173,134	855 285,813	21,833	21,369	75	85	38 181	2 414,021	12 390,242	5,133	4,668
26	36	98 242	37 722,939	816 112,679	21,634	21,170	76	86	34 156	2 081,504	9 976,221	4,793	4,328
27	37	98 152	36 326,106	778 389,740	21,428	20,963	77	87	30 074	1 766,455	7 894,717	4,469	4,005
28	38	98 058	34 979,696	742 063,634	21,214	20,750	78	88	26 003	1 472,130	6 128,262	4,163	3,698
29	39	97 958	33 681,102	707 083,938	20,993	20,529	79	89	22 025	1 201,886	4 656,132	3,874	3,410
30	40	97 846	32 426,586	673 402,835	20,767	20,303	80	90	18 239	959,300	3 454,246	3,601	3,136
31	41	97 733	31 218,257	640 976,250	20,532	20,068	81	91	14 688	744,606	2 494,946	3,351	2,886
32	42	97 605	30 050,584	609 757,993	20,291	19,827	82	92	11 489	561,373	1 750,340	3,118	2,654
33	43	97 467	28 923,368	579 707,409	20,043	19,578	83	93	8 682	408,895	1 188,966	2,908	2,443
34	44	97 311	27 833,448	550 784,040	19,789	19,324	84	94	6 321	286,951	780,072	2,718	2,254
35	45	97 151	26 783,209	522 950,592	19,525	19,061	85	95	4 435	194,026	493,121	2,542	2,077
36	46	96 973	25 767,904	496 167,383	19,255	18,791	86	96	2 970	125,251	299,095	2,388	1,924
37	47	96 773	24 785,215	470 399,479	18,979	18,515	87	97	1 895	77,027	173,844	2,257	1,792
38	48	96 550	23 834,523	445 614,264	18,696	18,232	88	98	1 164	45,605	96,817	2,123	1,659
39	49	96 306	22 914,876	421 779,740	18,406	17,942	89	99	676	25,541	51,212	2,005	1,541
40	50	96 033	22 023,973	398 864,865	18,110	17,646	90	100	371	13,497	25,671	1,902	1,438
41	51	95 737	21 162,561	376 840,892	17,807	17,343							
42	52	95 400	20 325,763	355 678,331	17,499	17,034							
43	53	95 055	19 520,257	335 352,569	17,180	16,715							
44	54	94 668	18 738,143	315 832,312	16,855	16,391							
45	55	94 244	17 979,888	297 094,169	16,524	16,059							
46	56	93 774	17 243,607	279 114,281	16,187	15,722							
47	57	93 264	16 529,973	261 870,675	15,842	15,378							
48	58	92 697	15 835,649	245 340,701	15,493	15,029							
49	59	92 068	15 159,684	229 505,053	15,139	14,675							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	2 498 336,204	25,079	24,614	50	61	90 903	14 426,968	209 855,428	14,546	14,082
1	12	99 275	95 686,431	2 398 716,587	25,069	24,604	51	62	90 105	13 783,398	195 428,460	14,179	13,714
2	13	99 244	92 199,769	2 303 030,156	24,979	24,514	52	63	89 233	13 156,630	181 645,062	13,806	13,342
3	14	99 223	88 848,403	2 210 830,387	24,883	24,419	53	64	88 276	12 545,032	168 488,432	13,431	12,966
4	15	99 202	85 618,964	2 121 981,984	24,784	24,320	54	65	87 226	11 947,836	155 943,400	13,052	12,588
5	16	99 180	82 505,334	2 036 363,020	24,682	24,217	55	66	86 094	11 366,487	143 995,564	12,668	12,204
6	17	99 158	79 505,821	1 953 857,686	24,575	24,111	56	67	84 855	10 797,947	132 629,076	12,283	11,818
7	18	99 136	76 615,282	1 874 351,865	24,464	24,000	57	68	83 528	10 244,963	121 831,129	11,892	11,427
8	19	99 110	73 826,893	1 797 736,584	24,351	23,886	58	69	82 091	9 704,805	111 586,167	11,498	11,034
9	20	99 087	71 141,336	1 723 909,691	24,232	23,768	59	70	80 517	9 174,609	101 881,362	11,105	10,640
10	21	99 062	68 553,236	1 652 768,355	24,109	23,645	60	71	78 815	8 656,123	92 706,753	10,710	10,246
11	22	99 038	66 059,269	1 584 215,119	23,982	23,517	61	72	76 984	8 149,381	84 050,630	10,314	9,849
12	23	99 015	63 656,502	1 518 155,850	23,849	23,385	62	73	75 030	7 655,450	75 901,249	9,915	9,450
13	24	98 990	61 340,199	1 454 499,348	23,712	23,248	63	74	72 907	7 169,983	68 245,798	9,518	9,054
14	25	98 964	59 107,878	1 393 159,150	23,570	23,105	64	75	70 653	6 697,206	61 075,815	9,120	8,655
15	26	98 933	56 953,335	1 334 051,272	23,424	22,959	65	76	68 253	6 235,864	54 378,610	8,720	8,256
16	27	98 900	54 876,466	1 277 097,937	23,272	22,808	66	77	65 717	5 787,117	48 142,746	8,319	7,855
17	28	98 857	52 869,793	1 222 221,470	23,118	22,653	67	78	63 066	5 352,954	42 355,628	7,913	7,448
18	29	98 807	50 933,125	1 169 351,677	22,959	22,494	68	79	60 241	4 928,351	37 002,674	7,508	7,044
19	30	98 744	49 061,109	1 118 418,552	22,796	22,332	69	80	57 239	4 513,458	32 074,323	7,106	6,642
20	31	98 676	47 255,367	1 069 357,444	22,629	22,165	70	81	54 056	4 108,440	27 560,865	6,708	6,244
21	32	98 604	45 513,887	1 022 102,076	22,457	21,993	71	82	50 704	3 714,360	23 452,425	6,314	5,850
22	33	98 531	43 836,334	976 588,190	22,278	21,814	72	83	47 115	3 326,749	19 738,065	5,933	5,469
23	34	98 455	42 219,383	932 751,856	22,093	21,629	73	84	43 345	2 949,893	16 411,315	5,563	5,099
24	35	98 376	40 660,752	890 532,473	21,902	21,437	74	85	39 410	2 585,161	13 461,422	5,207	4,743
25	36	98 285	39 154,843	849 871,721	21,705	21,241	75	86	35 367	2 236,123	10 876,261	4,864	4,399
26	37	98 195	37 704,950	810 716,878	21,502	21,037	76	87	31 244	1 903,996	8 640,138	4,538	4,073
27	38	98 102	36 307,764	773 011,927	21,291	20,826	77	88	27 094	1 591,408	6 736,142	4,233	3,768
28	39	98 004	34 960,314	736 704,163	21,073	20,608	78	89	23 056	1 305,332	5 144,734	3,941	3,477
29	40	97 895	33 659,188	701 743,850	20,849	20,384	79	90	19 188	1 047,076	3 839,402	3,667	3,202
30	41	97 784	32 406,055	668 084,662	20,616	20,152	80	91	15 556	818,171	2 792,326	3,413	2,948
31	42	97 661	31 195,376	635 678,606	20,377	19,913	81	92	12 251	621,055	1 974,155	3,179	2,714
32	43	97 526	30 026,338	604 483,230	20,132	19,667	82	93	9 330	455,865	1 353,100	2,968	2,504
33	44	97 379	28 897,462	574 456,892	19,879	19,415	83	94	6 864	323,248	897,235	2,776	2,311
34	45	97 219	27 807,121	545 559,431	19,619	19,155	84	95	4 871	221,108	573,987	2,596	2,132
35	46	97 046	26 754,400	517 752,309	19,352	18,888	85	96	3 307	144,694	352,878	2,439	1,974
36	47	96 858	25 737,390	490 997,909	19,077	18,613	86	97	2 140	90,267	208,184	2,306	1,842
37	48	96 647	24 753,010	465 260,519	18,796	18,332	87	98	1 336	54,324	117,917	2,171	1,706
38	49	96 404	23 798,364	440 507,509	18,510	18,046	88	99	793	31,056	63,593	2,048	1,583
39	50	96 144	22 876,285	416 709,145	18,216	17,751	89	100	444	16,774	32,538	1,940	1,475
40	51	95 856	21 983,363	393 832,860	17,915	17,451							
41	52	95 538	21 118,617	371 849,497	17,608	17,143							
42	53	95 189	20 280,956	350 730,880	17,294	16,829							
43	54	94 819	19 471,874	330 449,925	16,971	16,506							
44	55	94 407	18 686,533	310 978,050	16,642	16,177							
45	56	93 950	17 923,927	292 291,517	16,307	15,843							
46	57	93 457	17 185,296	274 367,590	15,965	15,501							
47	58	92 913	16 467,882	257 182,294	15,617	15,153							
48	59	92 310	15 769,557	240 714,412	15,265	14,800							
49	60	91 641	15 089,427	224 944,855	14,907	14,443							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	2 492 311,531	25,020	24,556	50	62	90 396	14 346,376	205 141,765	14,299	13,835
1	13	99 268	95 680,384	2 392 699,575	25,007	24,543	51	63	89 554	13 699,018	190 795,389	13,928	13,463
2	14	99 237	92 192,481	2 297 019,191	24,915	24,451	52	64	88 630	13 067,689	177 096,371	13,552	13,088
3	15	99 214	88 840,206	2 204 826,710	24,818	24,353	53	65	87 622	12 452,088	164 028,682	13,173	12,708
4	16	99 191	85 609,052	2 115 986,503	24,717	24,252	54	66	86 527	11 852,090	151 576,594	12,789	12,325
5	17	99 167	82 494,786	2 030 377,451	24,612	24,148	55	67	85 340	11 266,942	139 724,504	12,401	11,937
6	18	99 145	79 495,513	1 947 882,665	24,503	24,039	56	68	84 060	10 696,901	128 457,562	12,009	11,544
7	19	99 120	76 602,845	1 868 387,152	24,391	23,926	57	69	82 676	10 140,423	117 760,661	11,613	11,149
8	20	99 094	73 814,758	1 791 784,307	24,274	23,810	58	70	81 143	9 592,750	107 620,238	11,219	10,754
9	21	99 070	71 129,691	1 717 969,549	24,153	23,688	59	71	79 506	9 059,451	98 027,487	10,820	10,356
10	22	99 046	68 541,596	1 646 839,858	24,027	23,562	60	72	77 726	8 536,543	88 968,036	10,422	9,958
11	23	99 022	66 048,186	1 578 298,262	23,896	23,432	61	73	75 833	8 027,565	80 431,493	10,019	9,555
12	24	98 999	63 646,091	1 512 250,076	23,760	23,299	62	74	73 774	7 527,328	72 403,928	9,619	9,154
13	25	98 974	61 330,122	1 448 603,986	23,620	23,155	63	75	71 581	7 039,546	64 876,599	9,216	8,752
14	26	98 945	59 096,386	1 387 273,864	23,475	23,010	64	76	69 232	6 562,458	57 837,053	8,813	8,349
15	27	98 915	56 943,184	1 328 177,477	23,325	22,860	65	77	66 742	6 097,747	51 274,596	8,409	7,944
16	28	98 879	54 864,956	1 271 234,293	23,170	22,706	66	78	64 144	5 648,583	45 176,848	7,998	7,533
17	29	98 833	52 857,211	1 216 369,337	23,012	22,548	67	79	61 350	5 207,314	39 528,266	7,591	7,126
18	30	98 782	50 920,556	1 163 512,126	22,850	22,385	68	80	58 385	4 776,516	34 320,952	7,185	6,721
19	31	98 716	49 047,235	1 112 591,570	22,684	22,220	69	81	55 220	4 354,307	29 544,436	6,785	6,321
20	32	98 645	47 240,151	1 063 544,335	22,514	22,049	70	82	51 871	3 942,396	25 190,129	6,390	5,925
21	33	98 571	45 498,598	1 016 304,184	22,337	21,873	71	83	48 320	3 539,777	21 247,733	6,003	5,538
22	34	98 496	43 820,981	970 805,586	22,154	21,689	72	84	44 515	3 143,127	17 707,956	5,634	5,169
23	35	98 418	42 203,264	926 984,605	21,965	21,500	73	85	40 580	2 761,725	14 564,829	5,274	4,809
24	36	98 330	40 641,766	884 781,341	21,770	21,306	74	86	36 506	2 394,651	11 803,104	4,929	4,465
25	37	98 238	39 136,172	844 139,575	21,569	21,105	75	87	32 351	2 045,429	9 408,453	4,600	4,135
26	38	98 145	37 685,912	805 003,403	21,361	20,896	76	88	28 148	1 715,320	7 363,023	4,293	3,828
27	39	98 048	36 287,646	767 317,491	21,145	20,681	77	89	24 024	1 411,095	5 647,703	4,002	3,538
28	40	97 940	34 937,567	731 029,846	20,924	20,459	78	90	20 087	1 137,197	4 236,608	3,725	3,261
29	41	97 833	33 637,877	696 092,279	20,694	20,229	79	91	16 365	893,033	3 099,411	3,471	3,006
30	42	97 713	32 382,304	662 454,401	20,457	19,993	80	92	12 975	682,413	2 206,377	3,233	2,769
31	43	97 582	31 170,206	630 072,098	20,214	19,749	81	93	9 948	504,330	1 523,964	3,022	2,557
32	44	97 439	29 999,443	598 901,892	19,964	19,499	82	94	7 375	360,380	1 019,634	2,829	2,365
33	45	97 287	28 870,129	568 902,448	19,706	19,241	83	95	5 289	249,077	659,254	2,647	2,182
34	46	97 115	27 777,210	540 032,319	19,442	18,977	84	96	3 632	164,891	410,177	2,488	2,023
35	47	96 931	26 722,717	512 255,109	19,169	18,705	85	97	2 383	104,279	245,286	2,352	1,888
36	48	96 732	25 703,948	485 532,391	18,889	18,425	86	98	1 510	63,662	141,007	2,215	1,751
37	49	96 500	24 715,457	459 828,444	18,605	18,140	87	99	910	36,994	77,346	2,091	1,626
38	50	96 242	23 758,286	435 112,986	18,314	17,850	88	100	521	20,396	40,352	1,978	1,514
39	51	95 967	22 834,104	411 354,701	18,015	17,551							
40	52	95 657	21 937,714	388 520,597	17,710	17,246							
41	53	95 328	21 072,062	366 582,883	17,397	16,932							
42	54	94 954	20 230,688	345 510,820	17,079	16,614							
43	55	94 558	19 418,244	325 280,132	16,751	16,287							
44	56	94 113	18 628,373	305 861,889	16,419	15,955							
45	57	93 633	17 863,316	287 233,516	16,080	15,615							
46	58	93 106	17 120,743	269 370,200	15,734	15,269							
47	59	92 526	16 399,152	252 249,457	15,382	14,917							
48	60	91 882	15 696,474	235 850,305	15,026	14,561							
49	61	91 171	15 012,066	220 153,831	14,665	14,201							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	2 485 936,956	24,958	24,493	50	63	89 842	14 258,549	200 204,795	14,041	13,577
1	14	99 261	95 672,821	2 386 331,296	24,943	24,478	51	64	88 948	13 606,410	185 946,246	13,666	13,202
2	15	99 227	92 183,977	2 290 658,474	24,849	24,384	52	65	87 973	12 970,873	172 339,836	13,287	12,822
3	16	99 203	88 829,921	2 198 474,498	24,749	24,285	53	66	86 920	12 352,301	159 368,964	12,902	12,438
4	17	99 178	85 598,108	2 109 644,577	24,646	24,182	54	67	85 769	11 748,292	147 016,662	12,514	12,049
5	18	99 154	82 484,091	2 024 046,469	24,539	24,074	55	68	84 541	11 161,507	135 268,370	12,119	11,655
6	19	99 129	79 482,609	1 941 562,378	24,428	23,963	56	69	83 203	10 587,750	124 106,863	11,722	11,257
7	20	99 104	76 590,254	1 862 079,769	24,312	23,848	57	70	81 721	10 023,339	113 519,113	11,325	10,861
8	21	99 078	73 802,676	1 785 489,515	24,193	23,728	58	71	80 125	9 472,344	103 495,774	10,926	10,462
9	22	99 054	71 117,614	1 711 686,839	24,068	23,604	59	72	78 408	8 934,300	94 023,430	10,524	10,059
10	23	99 029	68 530,096	1 640 569,225	23,939	23,475	60	73	76 565	8 408,940	85 089,130	10,119	9,654
11	24	99 005	66 037,383	1 572 039,129	23,805	23,341	61	74	74 564	7 893,215	76 680,190	9,715	9,250
12	25	98 982	63 635,635	1 506 001,747	23,666	23,202	62	75	72 432	7 390,390	68 786,975	9,308	8,843
13	26	98 954	61 318,199	1 442 366,111	23,523	23,058	63	76	70 140	6 897,910	61 396,585	8,901	8,436
14	27	98 927	59 085,853	1 381 047,912	23,374	22,909	64	77	67 698	6 417,107	54 498,674	8,493	8,028
15	28	98 895	56 931,240	1 321 962,059	23,220	22,756	65	78	65 144	5 951,777	48 081,567	8,079	7,614
16	29	98 856	54 851,899	1 265 030,819	23,063	22,598	66	79	62 399	5 494,899	42 129,791	7,667	7,203
17	30	98 809	52 844,167	1 210 178,920	22,901	22,436	67	80	59 460	5 046,885	36 634,892	7,259	6,794
18	31	98 754	50 906,157	1 157 334,753	22,735	22,270	68	81	56 326	4 608,089	31 588,007	6,855	6,390
19	32	98 684	49 031,442	1 106 428,596	22,566	22,101	69	82	52 989	4 178,326	26 979,918	6,457	5,993
20	33	98 611	47 224,282	1 057 397,154	22,391	21,927	70	83	49 433	3 757,094	22 801,591	6,069	5,605
21	34	98 536	45 482,664	1 010 172,872	22,210	21,746	71	84	45 653	3 344,396	19 044,497	5,694	5,230
22	35	98 459	43 804,250	964 690,208	22,023	21,558	72	85	41 675	2 942,633	15 700,101	5,335	4,871
23	36	98 372	42 183,558	920 885,958	21,830	21,366	73	86	37 590	2 558,204	12 757,468	4,987	4,522
24	37	98 283	40 622,386	878 702,400	21,631	21,167	74	87	33 393	2 190,439	10 199,265	4,656	4,192
25	38	98 189	39 116,411	838 080,014	21,425	20,961	75	88	29 145	1 842,738	8 008,826	4,346	3,882
26	39	98 091	37 665,030	798 963,604	21,212	20,748	76	89	24 958	1 520,968	6 166,088	4,054	3,590
27	40	97 984	36 264,035	761 298,574	20,993	20,529	77	90	20 929	1 229,337	4 645,120	3,779	3,314
28	41	97 878	34 915,447	725 034,539	20,765	20,301	78	91	17 132	969,896	3 415,783	3,522	3,057
29	42	97 761	33 613,223	690 119,092	20,531	20,067	79	92	13 650	744,854	2 445,887	3,284	2,819
30	43	97 634	32 356,176	656 505,869	20,290	19,826	80	93	10 536	554,156	1 701,033	3,070	2,605
31	44	97 495	31 142,287	624 149,693	20,042	19,577	81	94	7 865	398,694	1 146,876	2,877	2,412
32	45	97 347	29 971,068	593 007,406	19,786	19,322	82	95	5 683	277,689	748,183	2,694	2,230
33	46	97 183	28 839,075	563 036,338	19,523	19,059	83	96	3 944	185,748	470,494	2,533	2,069
34	47	97 000	27 744,317	534 197,263	19,254	18,790	84	97	2 618	118,835	284,746	2,396	1,932
35	48	96 805	26 687,995	506 452,946	18,977	18,512	85	98	1 681	73,544	165,911	2,256	1,792
36	49	96 586	25 664,952	479 764,951	18,693	18,229	86	99	1 028	43,352	92,367	2,131	1,666
37	50	96 338	24 673,835	454 099,999	18,404	17,940	87	100	598	24,295	49,015	2,017	1,553
38	51	96 064	23 714,478	429 426,165	18,108	17,644							
39	52	95 767	22 786,689	405 711,687	17,805	17,340							
40	53	95 446	21 889,354	382 924,998	17,494	17,029							
41	54	95 091	21 019,834	361 035,644	17,176	16,712							
42	55	94 692	20 174,967	340 015,810	16,853	16,389							
43	56	94 264	19 357,807	319 840,843	16,523	16,058							
44	57	93 795	18 565,380	300 483,037	16,185	15,721							
45	58	93 281	17 796,216	281 917,657	15,841	15,377							
46	59	92 717	17 049,288	264 121,441	15,492	15,027							
47	60	92 097	16 323,151	247 072,153	15,136	14,672							
48	61	91 411	15 616,001	230 749,002	14,776	14,312							
49	62	90 662	14 928,206	215 133,001	14,411	13,947							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	2 479 200,364	24,892	24,428	50	64	89 235	14 162,158	195 046,253	13,772	13,308
1	15	99 251	95 663,995	2 379 602,577	24,875	24,410	51	65	88 289	13 505,603	180 884,095	13,393	12,929
2	16	99 216	92 173,304	2 283 938,581	24,779	24,314	52	66	87 268	12 866,928	167 378,492	13,008	12,544
3	17	99 190	88 818,565	2 191 765,277	24,677	24,212	53	67	86 158	12 244,123	154 511,564	12,619	12,155
4	18	99 165	85 587,010	2 102 946,712	24,571	24,106	54	68	84 967	11 638,353	142 267,441	12,224	11,760
5	19	99 138	82 470,702	2 017 359,702	24,462	23,997	55	69	83 679	11 047,615	130 629,089	11,824	11,360
6	20	99 113	79 469,545	1 934 889,000	24,348	23,883	56	70	82 242	10 465,500	119 581,473	11,426	10,962
7	21	99 088	76 577,718	1 855 419,456	24,229	23,765	57	71	80 695	9 897,528	109 115,973	11,025	10,560
8	22	99 061	73 790,144	1 778 841,738	24,107	23,642	58	72	79 018	9 341,489	99 218,444	10,621	10,157
9	23	99 037	71 105,682	1 705 051,594	23,979	23,515	59	73	77 236	8 800,751	89 876,956	10,212	9,748
10	24	99 013	68 518,887	1 633 945,912	23,847	23,382	60	74	75 283	8 268,207	81 076,205	9,806	9,341
11	25	98 989	66 026,535	1 565 427,024	23,709	23,245	61	75	73 207	7 749,621	72 807,998	9,395	8,931
12	26	98 963	63 623,264	1 499 400,490	23,567	23,102	62	76	70 975	7 241,696	65 058,376	8,984	8,519
13	27	98 937	61 307,270	1 435 777,226	23,419	22,955	63	77	68 587	6 745,130	57 816,681	8,572	8,107
14	28	98 907	59 073,460	1 374 469,956	23,267	22,803	64	78	66 078	6 263,492	51 071,551	8,154	7,689
15	29	98 871	56 917,691	1 315 396,496	23,111	22,646	65	79	63 371	5 789,844	44 808,059	7,739	7,275
16	30	98 831	54 838,363	1 258 478,805	22,949	22,484	66	80	60 476	5 325,610	39 018,216	7,327	6,862
17	31	98 781	52 829,224	1 203 640,441	22,784	22,319	67	81	57 364	4 868,924	33 692,605	6,920	6,456
18	32	98 723	50 889,765	1 150 811,218	22,614	22,149	68	82	54 050	4 421,852	28 823,682	6,518	6,054
19	33	98 651	49 014,972	1 099 921,453	22,441	21,976	69	83	50 498	3 981,936	24 401,830	6,128	5,664
20	34	98 577	47 207,743	1 050 906,482	22,261	21,797	70	84	46 705	3 549,718	20 419,894	5,753	5,288
21	35	98 499	45 465,299	1 003 698,738	22,076	21,612	71	85	42 741	3 131,063	16 870,176	5,388	4,924
22	36	98 413	43 783,797	958 233,440	21,886	21,421	72	86	38 604	2 725,779	13 739,112	5,040	4,576
23	37	98 325	42 163,442	914 449,643	21,688	21,224	73	87	34 384	2 340,044	11 013,333	4,706	4,242
24	38	98 234	40 601,874	872 286,201	21,484	21,019	74	88	30 084	1 973,378	8 673,289	4,395	3,931
25	39	98 134	39 094,736	831 684,327	21,274	20,809	75	89	25 843	1 633,948	6 699,912	4,100	3,636
26	40	98 027	37 640,523	792 589,591	21,057	20,592	76	90	21 744	1 325,058	5 065,963	3,823	3,359
27	41	97 922	36 241,075	754 949,068	20,831	20,367	77	91	17 850	1 048,481	3 740,906	3,568	3,104
28	42	97 806	34 889,856	718 707,992	20,599	20,135	78	92	14 289	808,963	2 692,425	3,328	2,864
29	43	97 682	33 586,102	683 818,136	20,360	19,896	79	93	11 085	604,862	1 883,462	3,114	2,649
30	44	97 546	32 327,195	650 232,034	20,114	19,650	80	94	8 329	438,084	1 278,600	2,919	2,454
31	45	97 403	31 112,831	617 904,840	19,860	19,396	81	95	6 060	307,211	840,517	2,736	2,272
32	46	97 242	29 938,830	586 792,009	19,600	19,135	82	96	4 238	207,085	533,306	2,575	2,111
33	47	97 068	28 804,924	556 853,179	19,332	18,867	83	97	2 842	133,866	326,220	2,437	1,972
34	48	96 873	27 708,267	528 048,255	19,057	18,593	84	98	1 846	83,809	192,354	2,295	1,831
35	49	96 659	26 647,506	500 339,989	18,776	18,312	85	99	1 145	50,082	108,545	2,167	1,703
36	50	96 423	25 621,730	473 692,482	18,488	18,023	86	100	675	28,471	58,463	2,053	1,589
37	51	96 160	24 628,339	448 070,752	18,193	17,729							
38	52	95 865	23 665,234	423 442,413	17,893	17,429							
39	53	95 556	22 736,457	399 777,179	17,583	17,119							
40	54	95 209	21 835,100	377 040,721	17,268	16,803							
41	55	94 830	20 961,939	355 205,622	16,945	16,481							
42	56	94 397	20 112,175	334 243,682	16,619	16,155							
43	57	93 945	19 292,346	314 131,507	16,283	15,818							
44	58	93 443	18 495,643	294 839,161	15,941	15,477							
45	59	92 892	17 721,942	276 343,518	15,593	15,129							
46	60	92 287	16 970,274	258 621,576	15,240	14,775							
47	61	91 625	16 239,465	241 651,302	14,880	14,416							
48	62	90 900	15 528,767	225 411,837	14,516	14,051							
49	63	90 107	14 836,817	209 883,069	14,146	13,682							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	2 472 092,434	24,823	24,359	50	65	88 574	14 057,234	189 669,527	13,493	13,028
1	16	99 240	95 652,920	2 372 503,834	24,803	24,339	51	66	87 582	13 397,373	175 612,293	13,108	12,644
2	17	99 203	92 161,521	2 276 850,914	24,705	24,241	52	67	86 504	12 754,243	162 214,920	12,719	12,254
3	18	99 177	88 807,050	2 184 689,393	24,600	24,136	53	68	85 352	12 129,543	149 460,678	12,322	11,858
4	19	99 149	85 573,117	2 095 882,344	24,492	24,028	54	69	84 100	11 519,595	137 331,135	11,922	11,457
5	20	99 122	82 457,146	2 010 309,227	24,380	23,916	55	70	82 712	10 920,056	125 811,540	11,521	11,057
6	21	99 096	79 456,537	1 927 852,080	24,263	23,799	56	71	81 210	10 334,140	114 891,483	11,118	10,653
7	22	99 071	76 564,715	1 848 395,543	24,142	23,677	57	72	79 581	9 760,799	104 557,343	10,712	10,248
8	23	99 044	73 777,764	1 771 830,828	24,016	23,551	58	73	77 837	9 201,853	94 796,544	10,302	9,837
9	24	99 021	71 094,052	1 698 053,064	23,885	23,420	59	74	75 943	8 653,461	85 594,691	9,891	9,427
10	25	98 997	68 507,632	1 626 959,012	23,749	23,284	60	75	73 914	8 117,791	76 941,230	9,478	9,014
11	26	98 970	66 013,698	1 558 451,381	23,608	23,144	61	76	71 734	7 593,699	68 823,439	9,063	8,599
12	27	98 945	63 611,924	1 492 437,682	23,462	22,997	62	77	69 403	7 081,301	61 229,740	8,647	8,182
13	28	98 916	61 294,411	1 428 825,759	23,311	22,846	63	78	66 945	6 583,662	54 148,439	8,225	7,760
14	29	98 883	59 059,401	1 367 531,348	23,155	22,691	64	79	64 280	6 093,078	47 564,778	7,806	7,342
15	30	98 847	56 903,646	1 308 471,947	22,995	22,530	65	80	61 419	5 611,468	41 471,700	7,391	6,926
16	31	98 803	54 822,856	1 251 568,301	22,829	22,365	66	81	58 344	5 137,821	35 860,232	6,980	6,515
17	32	98 749	52 812,212	1 196 745,445	22,660	22,196	67	82	55 045	4 672,145	30 722,411	6,576	6,111
18	33	98 689	50 872,670	1 143 933,233	22,486	22,022	68	83	51 509	4 214,015	26 050,266	6,182	5,717
19	34	98 617	48 997,805	1 093 060,562	22,308	21,844	69	84	47 711	3 762,149	21 836,251	5,804	5,340
20	35	98 539	47 189,719	1 044 062,757	22,125	21,660	70	85	43 726	3 323,289	18 074,102	5,439	4,974
21	36	98 453	45 444,069	996 873,038	21,936	21,472	71	86	39 591	2 900,324	14 750,813	5,086	4,621
22	37	98 366	43 762,918	951 428,968	21,741	21,276	72	87	35 312	2 493,329	11 850,489	4,753	4,288
23	38	98 275	42 142,152	907 666,050	21,538	21,074	73	88	30 977	2 108,158	9 357,161	4,439	3,974
24	39	98 179	40 579,376	865 523,898	21,329	20,865	74	89	26 675	1 749,786	7 249,003	4,143	3,678
25	40	98 070	39 069,299	824 944,521	21,115	20,650	75	90	22 514	1 423,486	5 499,217	3,863	3,399
26	41	97 965	37 616,692	785 875,222	20,892	20,427	76	91	18 545	1 130,119	4 075,731	3,606	3,142
27	42	97 850	36 214,513	748 258,530	20,662	20,197	77	92	14 888	874,508	2 945,612	3,368	2,904
28	43	97 727	34 861,705	712 044,018	20,425	19,960	78	93	11 603	656,922	2 071,104	3,153	2,688
29	44	97 595	33 556,019	677 182,313	20,181	19,716	79	94	8 763	478,168	1 414,182	2,957	2,493
30	45	97 454	32 296,618	643 626,294	19,929	19,464	80	95	6 418	337,562	936,014	2,773	2,308
31	46	97 298	31 079,364	611 329,676	19,670	19,206	81	96	4 519	229,101	598,452	2,612	2,148
32	47	97 127	29 903,376	580 250,312	19,404	18,940	82	97	3 054	149,244	369,350	2,475	2,010
33	48	96 941	28 767,496	550 346,935	19,131	18,666	83	98	2 005	94,410	220,106	2,331	1,867
34	49	96 727	27 666,230	521 579,440	18,853	18,388	84	99	1 257	57,072	125,696	2,202	1,738
35	50	96 496	26 602,630	493 913,209	18,566	18,102	85	100	752	32,891	68,624	2,086	1,622
36	51	96 245	25 574,487	467 310,579	18,273	17,808							
37	52	95 960	24 577,198	441 736,093	17,973	17,509							
38	53	95 653	23 613,066	417 158,895	17,666	17,202							
39	54	95 319	22 680,103	393 545,829	17,352	16,888							
40	55	94 947	21 774,960	370 865,725	17,032	16,567							
41	56	94 534	20 896,698	349 090,765	16,706	16,241							
42	57	94 078	20 044,164	328 194,068	16,374	15,909							
43	58	93 592	19 219,879	308 149,904	16,033	15,568							
44	59	93 053	18 418,450	288 930,025	15,687	15,223							
45	60	92 461	17 639,811	270 511,575	15,335	14,871							
46	61	91 814	16 883,271	252 871,765	14,978	14,513							
47	62	91 113	16 148,749	235 988,494	14,613	14,149							
48	63	90 344	15 433,702	219 839,745	14,244	13,780							
49	64	89 498	14 736,517	204 406,044	13,871	13,406							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	2 464 603,369	24,751	24,286	50	66	87 864	13 944,583	184 078,267	13,201	12,736
1	17	99 227	95 640,692	2 365 026,299	24,728	24,264	51	67	86 815	13 280,042	170 133,684	12,811	12,347
2	18	99 190	92 149,572	2 269 385,607	24,627	24,163	52	68	85 694	12 634,889	156 853,642	12,414	11,950
3	19	99 161	88 792,634	2 177 236,035	24,520	24,056	53	69	84 481	12 005,773	144 218,752	12,012	11,548
4	20	99 133	85 559,052	2 088 443,401	24,409	23,945	54	70	83 129	11 386,587	132 212,979	11,611	11,147
5	21	99 105	82 443,650	2 002 884,349	24,294	23,830	55	71	81 674	10 782,990	120 826,393	11,205	10,741
6	22	99 080	79 443,045	1 920 440,699	24,174	23,709	56	72	80 088	10 191,379	110 043,402	10,798	10,333
7	23	99 054	76 551,869	1 840 997,654	24,049	23,585	57	73	78 391	9 614,896	99 852,023	10,385	9,921
8	24	99 028	73 765,697	1 764 445,785	23,920	23,455	58	74	76 534	9 047,850	90 237,127	9,973	9,509
9	25	99 004	71 082,373	1 690 680,088	23,785	23,320	59	75	74 561	8 496,036	81 189,277	9,556	9,092
10	26	98 977	68 494,313	1 619 597,714	23,646	23,181	60	76	72 426	7 954,461	72 693,241	9,139	8,674
11	27	98 952	66 001,932	1 551 103,402	23,501	23,036	61	77	70 146	7 425,507	64 738,779	8,718	8,254
12	28	98 925	63 598,581	1 485 101,469	23,351	22,887	62	78	67 741	6 911,786	57 313,272	8,292	7,828
13	29	98 892	61 279,823	1 421 502,888	23,197	22,732	63	79	65 124	6 404,537	50 401,486	7,870	7,405
14	30	98 859	59 044,827	1 360 223,065	23,037	22,573	64	80	62 300	5 905,360	43 996,950	7,450	6,986
15	31	98 819	56 887,555	1 301 178,238	22,873	22,408	65	81	59 253	5 413,599	38 091,590	7,036	6,572
16	32	98 771	54 805,203	1 244 290,683	22,704	22,239	66	82	55 986	4 930,175	32 677,991	6,628	6,164
17	33	98 716	52 794,472	1 189 485,481	22,530	22,066	67	83	52 458	4 452,543	27 747,816	6,232	5,767
18	34	98 655	50 854,853	1 136 691,008	22,352	21,887	68	84	48 666	3 981,419	23 295,273	5,851	5,387
19	35	98 579	48 979,098	1 085 836,155	22,169	21,705	69	85	44 667	3 522,169	19 313,854	5,484	5,019
20	36	98 493	47 167,685	1 036 857,057	21,982	21,518	70	86	40 503	3 078,383	15 791,685	5,130	4,665
21	37	98 406	45 422,399	989 689,372	21,789	21,324	71	87	36 215	2 652,988	12 713,302	4,792	4,328
22	38	98 316	43 740,821	944 266,973	21,588	21,123	72	88	31 813	2 246,253	10 060,313	4,479	4,014
23	39	98 221	42 118,801	900 526,152	21,381	20,916	73	89	27 467	1 869,295	7 814,060	4,180	3,716
24	40	98 115	40 552,974	858 407,351	21,168	20,703	74	90	23 239	1 524,403	5 944,765	3,900	3,435
25	41	98 008	39 044,563	817 854,377	20,947	20,482	75	91	19 202	1 214,067	4 420,363	3,641	3,177
26	42	97 893	37 589,121	778 809,814	20,719	20,255	76	92	15 468	942,600	3 206,296	3,402	2,937
27	43	97 771	36 185,293	741 220,693	20,484	20,020	77	93	12 090	710,148	2 263,696	3,188	2,723
28	44	97 640	34 830,480	705 035,400	20,242	19,777	78	94	9 173	519,324	1 553,547	2,991	2,527
29	45	97 502	33 524,280	670 204,920	19,992	19,527	79	95	6 752	368,449	1 034,224	2,807	2,343
30	46	97 349	32 261,878	636 680,641	19,735	19,270	80	96	4 786	251,736	665,774	2,645	2,180
31	47	97 183	31 042,560	604 418,763	19,471	19,006	81	97	3 257	165,110	414,038	2,508	2,043
32	48	97 001	29 864,521	573 376,203	19,199	18,735	82	98	2 154	105,256	248,928	2,365	1,901
33	49	96 794	28 723,852	543 511,682	18,922	18,458	83	99	1 365	64,291	143,672	2,235	1,770
34	50	96 564	27 619,639	514 787,829	18,638	18,174	84	100	826	37,482	79,381	2,118	1,653
35	51	96 318	26 553,578	487 168,191	18,347	17,882							
36	52	96 045	25 521,381	460 614,613	18,048	17,584							
37	53	95 749	24 523,019	435 093,232	17,742	17,278							
38	54	95 416	23 554,540	410 570,213	17,431	16,966							
39	55	95 057	22 617,636	387 015,674	17,111	16,647							
40	56	94 652	21 707,188	364 398,038	16,787	16,323							
41	57	94 215	20 826,034	342 690,850	16,455	15,991							
42	58	93 725	19 968,872	321 864,816	16,118	15,654							
43	59	93 201	19 139,663	301 895,944	15,773	15,309							
44	60	92 622	18 333,090	282 756,281	15,423	14,959							
45	61	91 987	17 549,375	264 423,190	15,067	14,603							
46	62	91 301	16 788,958	246 873,816	14,705	14,240							
47	63	90 555	16 049,887	230 084,858	14,336	13,871							
48	64	89 733	15 329,367	214 034,971	13,962	13,498							
49	65	88 835	14 627,337	198 705,604	13,585	13,120							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	2 456 724,187	24,675	24,210	50	67	87 094	13 822,460	178 275,547	12,898	12,433
1	18	99 214	95 628,292	2 357 159,847	24,649	24,185	51	68	86 002	13 155,768	164 453,087	12,500	12,036
2	19	99 174	92 134,614	2 261 531,555	24,546	24,082	52	69	84 820	12 505,963	151 297,319	12,098	11,634
3	20	99 145	88 778,040	2 169 396,941	24,436	23,972	53	70	83 506	11 867,151	138 791,355	11,695	11,231
4	21	99 117	85 545,047	2 080 618,901	24,322	23,857	54	71	82 085	11 243,665	126 924,204	11,289	10,824
5	22	99 089	82 429,651	1 995 073,854	24,203	23,739	55	72	80 546	10 634,029	115 680,539	10,878	10,414
6	23	99 063	79 429,717	1 912 644,203	24,080	23,615	56	73	78 891	10 039,039	105 046,511	10,464	9,999
7	24	99 038	76 539,349	1 833 214,486	23,951	23,487	57	74	77 079	9 453,980	95 007,471	10,049	9,585
8	25	99 012	73 753,445	1 756 675,138	23,818	23,354	58	75	75 142	8 883,251	85 553,491	9,631	9,166
9	26	98 985	71 068,554	1 682 921,558	23,680	23,216	59	76	73 061	8 325,096	76 670,240	9,210	8,745
10	27	98 960	68 482,104	1 611 853,004	23,537	23,072	60	77	70 822	7 778,280	68 345,144	8,787	8,322
11	28	98 932	65 988,089	1 543 370,900	23,389	22,924	61	78	68 466	7 247,752	60 566,865	8,357	7,892
12	29	98 901	63 583,445	1 477 382,811	23,235	22,771	62	79	65 898	6 723,733	53 319,112	7,930	7,466
13	30	98 868	61 264,701	1 413 799,366	23,077	22,612	63	80	63 117	6 207,223	46 595,379	7,507	7,042
14	31	98 831	59 028,130	1 352 534,665	22,913	22,449	64	81	60 103	5 697,128	40 388,156	7,089	6,625
15	32	98 787	56 869,237	1 293 506,535	22,745	22,281	65	82	56 859	5 194,807	34 691,028	6,678	6,214
16	33	98 738	54 786,793	1 236 637,298	22,572	22,107	66	83	53 354	4 698,445	29 496,221	6,278	5,813
17	34	98 681	52 775,982	1 181 850,505	22,394	21,929	67	84	49 562	4 206,781	24 797,776	5,895	5,430
18	35	98 617	50 835,437	1 129 074,522	22,210	21,746	68	85	45 562	3 727,452	20 590,994	5,524	5,060
19	36	98 533	48 956,228	1 078 239,085	22,025	21,560	69	86	41 376	3 262,607	16 863,542	5,169	4,704
20	37	98 446	47 145,193	1 029 282,857	21,832	21,368	70	87	37 049	2 815,863	13 600,935	4,830	4,366
21	38	98 356	45 399,464	982 137,664	21,633	21,169	71	88	32 626	2 390,091	10 785,072	4,512	4,048
22	39	98 262	43 716,584	936 738,201	21,428	20,963	72	89	28 208	1 991,743	8 394,981	4,215	3,750
23	40	98 157	42 091,397	893 021,617	21,216	20,752	73	90	23 929	1 628,518	6 403,237	3,932	3,468
24	41	98 053	40 527,298	850 930,220	20,996	20,532	74	91	19 820	1 300,137	4 774,719	3,672	3,208
25	42	97 937	39 015,946	810 402,922	20,771	20,307	75	92	16 016	1 012,619	3 474,582	3,431	2,967
26	43	97 814	37 558,792	771 386,976	20,538	20,074	76	93	12 561	765,443	2 461,963	3,216	2,752
27	44	97 684	36 152,882	733 828,184	20,298	19,833	77	94	9 558	561,401	1 696,521	3,022	2,558
28	45	97 547	34 797,535	697 675,302	20,050	19,585	78	95	7 068	400,162	1 135,119	2,837	2,372
29	46	97 397	33 488,219	662 877,767	19,794	19,330	79	96	5 035	274,770	734,958	2,675	2,210
30	47	97 234	32 223,674	629 389,548	19,532	19,067	80	97	3 449	181,423	460,188	2,537	2,072
31	48	97 056	31 002,224	597 165,874	19,262	18,798	81	98	2 297	116,446	278,765	2,394	1,930
32	49	96 854	29 819,213	566 163,650	18,987	18,522	82	99	1 467	71,677	162,319	2,265	1,800
33	50	96 631	28 675,479	536 344,436	18,704	18,240	83	100	897	42,223	90,643	2,147	1,682
34	51	96 386	27 568,711	507 668,957	18,415	17,950							
35	52	96 118	26 498,439	480 100,246	18,118	17,654							
36	53	95 834	25 465,121	453 601,808	17,813	17,348							
37	54	95 512	24 462,237	428 136,686	17,502	17,038							
38	55	95 154	23 489,664	403 674,449	17,185	16,721							
39	56	94 761	22 547,241	380 184,785	16,862	16,397							
40	57	94 331	21 633,783	357 637,544	16,531	16,067							
41	58	93 861	20 747,805	336 003,761	16,195	15,730							
42	59	93 334	19 885,531	315 255,956	15,854	15,389							
43	60	92 770	19 050,961	295 370,425	15,504	15,040							
44	61	92 147	18 239,100	276 319,464	15,150	14,685							
45	62	91 473	17 451,341	258 080,364	14,789	14,324							
46	63	90 742	16 686,177	240 629,024	14,421	13,956							
47	64	89 943	15 941,387	223 942,847	14,048	13,583							
48	65	89 068	15 215,795	208 001,460	13,670	13,206							
49	66	88 123	14 510,118	192 785,665	13,286	12,822							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	2 448 444,483	24,595	24,130	50	68	86 279	13 693,110	172 266,480	12,581	12,116
1	19	99 198	95 612,769	2 348 893,051	24,567	24,102	51	69	85 125	13 021,527	158 573,369	12,178	11,713
2	20	99 158	92 119,470	2 253 280,282	24,460	23,996	52	70	83 841	12 361,566	145 551,842	11,775	11,310
3	21	99 129	88 763,508	2 161 160,812	24,347	23,883	53	71	82 458	11 718,197	133 190,277	11,366	10,902
4	22	99 100	85 530,522	2 072 397,303	24,230	23,765	54	72	80 951	11 088,339	121 472,079	10,955	10,491
5	23	99 072	82 415,821	1 986 866,781	24,108	23,643	55	73	79 342	10 475,073	110 383,740	10,538	10,073
6	24	99 047	79 416,725	1 904 450,960	23,980	23,516	56	74	77 570	9 871,026	99 908,667	10,121	9,657
7	25	99 022	76 526,776	1 825 034,235	23,848	23,384	57	75	75 677	9 281,992	90 037,642	9,700	9,236
8	26	98 993	73 739,241	1 748 507,459	23,712	23,248	58	76	73 630	8 704,520	80 755,649	9,277	8,813
9	27	98 968	71 055,887	1 674 768,219	23,570	23,105	59	77	71 443	8 140,705	72 051,129	8,851	8,386
10	28	98 939	68 467,740	1 603 712,332	23,423	22,958	60	78	69 127	7 592,080	63 910,425	8,418	7,954
11	29	98 908	65 972,384	1 535 244,592	23,271	22,807	61	79	66 604	7 050,559	56 318,345	7,988	7,523
12	30	98 877	63 567,755	1 469 272,208	23,113	22,649	62	80	63 868	6 516,586	49 267,786	7,560	7,096
13	31	98 840	61 247,377	1 405 704,452	22,951	22,487	63	81	60 892	5 988,347	42 751,200	7,139	6,675
14	32	98 799	59 009,123	1 344 457,076	22,784	22,319	64	82	57 674	5 466,877	36 762,852	6,725	6,260
15	33	98 754	56 850,134	1 285 447,953	22,611	22,147	65	83	54 186	4 950,639	31 295,976	6,322	5,857
16	34	98 704	54 767,605	1 228 597,819	22,433	21,969	66	84	50 409	4 439,110	26 345,336	5,935	5,470
17	35	98 643	52 755,833	1 173 830,214	22,250	21,786	67	85	46 401	3 938,439	21 906,226	5,562	5,098
18	36	98 571	50 811,700	1 121 074,381	22,063	21,599	68	86	42 204	3 452,762	17 967,787	5,204	4,739
19	37	98 486	48 932,883	1 070 262,681	21,872	21,408	69	87	37 847	2 984,377	14 515,025	4,864	4,399
20	38	98 397	47 121,387	1 021 329,798	21,674	21,210	70	88	33 378	2 536,826	11 530,648	4,545	4,081
21	39	98 302	45 374,307	974 208,410	21,470	21,006	71	89	28 930	2 119,284	8 993,822	4,244	3,779
22	40	98 198	43 688,140	928 834,103	21,261	20,796	72	90	24 575	1 735,194	6 874,538	3,962	3,497
23	41	98 095	42 064,748	885 145,963	21,042	20,578	73	91	20 409	1 388,935	5 139,343	3,700	3,236
24	42	97 981	40 497,594	843 081,216	20,818	20,354	74	92	16 532	1 084,408	3 750,408	3,458	2,994
25	43	97 858	38 984,466	802 583,621	20,587	20,123	75	93	13 006	822,301	2 666,000	3,242	2,778
26	44	97 727	37 525,151	763 599,156	20,349	19,885	76	94	9 930	605,114	1 843,699	3,047	2,582
27	45	97 591	36 118,687	726 074,005	20,102	19,638	77	95	7 365	432,584	1 238,585	2,863	2,399
28	46	97 442	34 760,105	689 955,318	19,849	19,385	78	96	5 271	298,419	806,001	2,701	2,236
29	47	97 282	33 448,563	655 195,213	19,588	19,124	79	97	3 629	198,023	507,582	2,563	2,099
30	48	97 108	32 181,803	621 746,650	19,320	18,855	80	98	2 433	127,950	309,559	2,419	1,955
31	49	96 909	30 955,191	589 564,847	19,046	18,581	81	99	1 564	79,297	181,609	2,290	1,826
32	50	96 690	29 768,996	558 609,657	18,765	18,300	82	100	963	47,073	102,312	2,173	1,709
33	51	96 453	28 622,605	528 840,661	18,476	18,012							
34	52	96 185	27 511,464	500 218,056	18,182	17,718							
35	53	95 906	26 440,025	472 706,592	17,878	17,414							
36	54	95 596	25 402,004	446 266,567	17,568	17,104							
37	55	95 249	24 394,861	420 864,563	17,252	16,788							
38	56	94 857	23 416,555	396 469,702	16,931	16,467							
39	57	94 441	22 470,996	373 053,147	16,602	16,137							
40	58	93 977	21 552,520	350 582,151	16,266	15,802							
41	59	93 469	20 661,213	329 029,630	15,925	15,461							
42	60	92 901	19 793,372	308 368,418	15,579	15,115							
43	61	92 294	18 953,291	288 575,046	15,226	14,761							
44	62	91 632	18 137,213	269 621,755	14,866	14,401							
45	63	90 913	17 344,505	251 484,543	14,499	14,035							
46	64	90 129	16 573,375	234 140,038	14,127	13,663							
47	65	89 277	15 823,281	217 566,662	13,750	13,285							
48	66	88 355	15 093,860	201 743,382	13,366	12,902							
49	67	87 351	14 383,042	186 649,522	12,977	12,513							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	2 439 752,470	24,511	24,047	50	69	85 399	13 553,386	166 054,129	12,252	11,787
1	20	99 182	95 597,054	2 340 217,198	24,480	24,016	51	70	84 142	12 871,177	152 500,743	11,848	11,384
2	21	99 142	92 104,392	2 244 620,144	24,370	23,906	52	71	82 788	12 206,406	139 629,566	11,439	10,975
3	22	99 112	88 748,437	2 152 515,752	24,254	23,790	53	72	81 318	11 556,317	127 423,160	11,026	10,562
4	23	99 083	85 516,172	2 063 767,315	24,133	23,669	54	73	79 741	10 922,592	115 866,843	10,608	10,144
5	24	99 056	82 402,341	1 978 251,144	24,007	23,543	55	74	78 014	10 299,761	104 944,251	10,189	9,725
6	25	99 031	79 403,680	1 895 848,802	23,876	23,412	56	75	76 159	9 691,451	94 644,490	9,766	9,301
7	26	99 002	76 511,898	1 816 445,123	23,741	23,276	57	76	74 154	9 095,239	84 953,039	9,340	8,876
8	27	98 975	73 726,097	1 739 933,225	23,600	23,136	58	77	71 999	8 511,725	75 857,801	8,912	8,448
9	28	98 947	71 040,983	1 666 207,128	23,454	22,990	59	78	69 733	7 945,829	67 346,075	8,476	8,011
10	29	98 915	68 451,446	1 595 166,145	23,304	22,839	60	79	67 246	7 385,518	59 400,246	8,043	7,578
11	30	98 884	65 956,104	1 526 714,699	23,147	22,683	61	80	64 552	6 833,343	52 014,728	7,612	7,147
12	31	98 849	63 549,779	1 460 758,595	22,986	22,522	62	81	61 616	6 286,801	45 181,385	7,187	6,722
13	32	98 808	61 227,655	1 397 208,816	22,820	22,355	63	82	58 431	5 746,327	38 894,584	6,769	6,304
14	33	98 766	58 989,301	1 335 981,161	22,648	22,183	64	83	54 963	5 209,921	33 148,257	6,363	5,898
15	34	98 719	56 830,223	1 276 991,860	22,470	22,006	65	84	51 195	4 677,384	27 938,336	5,973	5,509
16	35	98 666	54 746,696	1 220 161,636	22,287	21,823	66	85	47 194	4 155,948	23 260,952	5,597	5,133
17	36	98 597	52 731,199	1 165 414,941	22,101	21,637	67	86	42 982	3 648,201	19 105,004	5,237	4,772
18	37	98 524	50 787,470	1 112 683,742	21,909	21,444	68	87	38 605	3 158,316	15 456,803	4,894	4,430
19	38	98 436	48 908,175	1 061 896,271	21,712	21,248	69	88	34 097	2 688,641	12 298,487	4,574	4,110
20	39	98 342	47 095,277	1 012 988,096	21,509	21,045	70	89	29 596	2 249,393	9 609,846	4,272	3,808
21	40	98 238	45 344,785	965 892,819	21,301	20,837	71	90	25 203	1 846,307	7 360,453	3,987	3,522
22	41	98 136	43 660,479	920 548,034	21,084	20,620	72	91	20 960	1 479,918	5 514,146	3,726	3,262
23	42	98 023	42 033,917	876 887,555	20,861	20,397	73	92	17 022	1 158,472	4 034,228	3,482	3,018
24	43	97 902	40 464,919	834 853,638	20,632	20,167	74	93	13 424	880,598	2 875,756	3,266	2,801
25	44	97 770	38 949,548	794 388,720	20,395	19,931	75	94	10 282	650,063	1 995,158	3,069	2,605
26	45	97 634	37 489,658	755 439,172	20,151	19,686	76	95	7 651	466,267	1 345,095	2,885	2,420
27	46	97 486	36 079,835	717 949,514	19,899	19,434	77	96	5 492	322,598	878,829	2,724	2,260
28	47	97 327	34 718,942	681 869,679	19,640	19,175	78	97	3 799	215,067	556,231	2,586	2,122
29	48	97 156	33 405,101	647 150,737	19,373	18,908	79	98	2 559	139,658	341,164	2,443	1,978
30	49	96 960	32 132,980	613 745,636	19,100	18,636	80	99	1 657	87,131	201,506	2,313	1,848
31	50	96 746	30 903,060	581 612,656	18,821	18,356	81	100	1 027	52,078	114,375	2,196	1,732
32	51	96 512	29 714,105	550 709,596	18,534	18,069							
33	52	96 253	28 563,170	520 995,491	18,240	17,776							
34	53	95 973	27 450,817	492 432,322	17,939	17,474							
35	54	95 668	26 374,491	464 981,504	17,630	17,166							
36	55	95 333	25 332,040	438 607,013	17,314	16,850							
37	56	94 952	24 318,935	413 274,973	16,994	16,530							
38	57	94 537	23 337,370	388 956,038	16,667	16,202							
39	58	94 086	22 386,588	365 618,668	16,332	15,868							
40	59	93 585	21 462,569	343 232,080	15,992	15,528							
41	60	93 036	20 565,459	321 769,510	15,646	15,182							
42	61	92 425	19 691,895	301 204,051	15,296	14,831							
43	62	91 778	18 847,414	281 512,156	14,936	14,472							
44	63	91 071	18 026,178	262 664,742	14,571	14,107							
45	64	90 299	17 227,253	244 638,564	14,201	13,736							
46	65	89 461	16 450,587	227 411,311	13,824	13,359							
47	66	88 561	15 696,478	210 960,724	13,440	12,976							
48	67	87 581	14 961,672	195 264,247	13,051	12,587							
49	68	86 534	14 248,447	180 302,575	12,654	12,190							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	2 430 639,187	24,424	23,959	50	70	84 413	13 396,895	159 645,026	11,917	11,452
1	21	99 166	95 581,406	2 331 120,275	24,389	23,924	51	71	83 086	12 709,621	146 248,131	11,507	11,042
2	22	99 125	92 088,753	2 235 538,869	24,276	23,811	52	72	81 645	12 037,781	133 538,511	11,093	10,629
3	23	99 095	88 733,547	2 143 450,116	24,156	23,692	53	73	80 103	11 383,574	121 500,730	10,673	10,209
4	24	99 067	85 502,185	2 054 716,569	24,031	23,567	54	74	78 407	10 739,791	110 117,156	10,253	9,789
5	25	99 040	82 388,805	1 969 214,385	23,901	23,437	55	75	76 595	10 112,387	99 377,365	9,827	9,363
6	26	99 011	79 388,242	1 886 825,579	23,767	23,303	56	76	74 627	9 496,459	89 264,978	9,400	8,935
7	27	98 985	76 498,260	1 807 437,337	23,627	23,163	57	77	72 512	8 893,790	79 768,519	8,969	8,505
8	28	98 954	73 710,634	1 730 939,077	23,483	23,018	58	78	70 276	8 307,968	70 874,729	8,531	8,067
9	29	98 923	71 024,076	1 657 228,443	23,333	22,869	59	79	67 836	7 729,643	62 566,761	8,094	7,630
10	30	98 891	68 434,554	1 586 204,367	23,178	22,714	60	80	65 174	7 157,982	54 837,118	7,661	7,197
11	31	98 856	65 937,453	1 517 769,813	23,018	22,554	61	81	62 276	6 592,389	47 679,136	7,232	6,768
12	32	98 817	63 529,316	1 451 832,360	22,853	22,389	62	82	59 126	6 032,718	41 086,747	6,811	6,346
13	33	98 775	61 207,088	1 388 303,044	22,682	22,218	63	83	55 684	5 476,236	35 054,029	6,401	5,937
14	34	98 731	58 968,642	1 327 095,956	22,505	22,041	64	84	51 929	4 922,355	29 577,793	6,009	5,544
15	35	98 681	56 808,526	1 268 127,315	22,323	21,858	65	85	47 930	4 379,023	24 655,438	5,630	5,166
16	36	98 620	54 721,132	1 211 318,789	22,136	21,672	66	86	43 716	3 849,681	20 276,414	5,267	4,803
17	37	98 550	52 706,054	1 156 597,657	21,944	21,480	67	87	39 316	3 337,088	16 426,734	4,922	4,458
18	38	98 474	50 761,826	1 103 891,603	21,746	21,282	68	88	34 780	2 845,343	13 089,646	4,600	4,136
19	39	98 382	48 881,075	1 053 129,777	21,545	21,080	69	89	30 233	2 384,007	10 244,303	4,297	3,833
20	40	98 278	47 064,635	1 004 248,702	21,338	20,873	70	90	25 784	1 959,657	7 860,296	4,011	3,547
21	41	98 175	45 316,076	957 184,067	21,122	20,658	71	91	21 496	1 574,684	5 900,638	3,747	3,283
22	42	98 064	43 628,479	911 867,991	20,901	20,436	72	92	17 482	1 234,358	4 325,954	3,505	3,040
23	43	97 944	42 000,001	868 239,513	20,672	20,208	73	93	13 823	940,742	3 091,597	3,286	2,822
24	44	97 815	40 428,674	826 239,511	20,437	19,973	74	94	10 613	696,149	2 150,855	3,090	2,625
25	45	97 677	38 912,707	785 810,837	20,194	19,730	75	95	7 922	500,902	1 454,706	2,904	2,440
26	46	97 529	37 449,332	746 898,130	19,944	19,480	76	96	5 706	347,717	953,804	2,743	2,279
27	47	97 371	36 037,110	709 448,798	19,687	19,222	77	97	3 958	232,492	606,087	2,607	2,142
28	48	97 201	34 673,830	673 411,688	19,421	18,957	78	98	2 679	151,678	373,595	2,463	1,999
29	49	97 008	33 354,422	638 737,858	19,150	18,686	79	99	1 743	95,104	221,917	2,333	1,869
30	50	96 797	32 078,866	605 383,437	18,872	18,407	80	100	1 088	57,223	126,814	2,216	1,752
31	51	96 568	30 846,078	573 304,571	18,586	18,122							
32	52	96 312	29 652,403	542 458,493	18,294	17,829							
33	53	96 041	28 500,204	512 806,090	17,993	17,529							
34	54	95 736	27 382,778	484 305,886	17,687	17,222							
35	55	95 405	26 301,849	456 923,107	17,372	16,908							
36	56	95 036	25 253,197	430 621,259	17,052	16,588							
37	57	94 631	24 236,699	405 368,062	16,725	16,261							
38	58	94 181	23 249,708	381 131,363	16,393	15,929							
39	59	93 693	22 293,156	357 881,655	16,053	15,589							
40	60	93 151	21 363,102	335 588,499	15,709	15,244							
41	61	92 559	20 460,024	314 225,397	15,358	14,894							
42	62	91 908	19 581,893	293 765,373	15,002	14,537							
43	63	91 217	18 732,032	274 183,481	14,637	14,173							
44	64	90 455	17 904,318	255 451,449	14,268	13,803							
45	65	89 630	17 099,620	237 547,131	13,892	13,428							
46	66	88 744	16 318,757	220 447,511	13,509	13,044							
47	67	87 786	15 559,012	204 128,755	13,120	12,655							
48	68	86 761	14 821,661	188 569,743	12,723	12,258							
49	69	85 651	14 103,056	173 748,082	12,320	11,855							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	2 421 092,245	24,332	23,868	50	71	83 353	13 228,740	153 052,690	11,570	11,105
1	22	99 149	95 565,177	2 321 589,623	24,293	23,829	51	72	81 938	12 534,044	139 823,950	11,156	10,691
2	23	99 108	92 073,302	2 226 024,446	24,177	23,712	52	73	80 424	11 857,841	127 289,906	10,735	10,270
3	24	99 079	88 719,034	2 133 951,144	24,053	23,588	53	74	78 762	11 193,058	115 432,065	10,313	9,848
4	25	99 051	85 488,140	2 045 232,110	23,924	23,460	54	75	76 980	10 544,411	104 239,007	9,886	9,421
5	26	99 020	82 372,788	1 959 743,971	23,791	23,327	55	76	75 054	9 908,926	93 694,596	9,456	8,991
6	27	98 994	79 374,092	1 877 371,183	23,652	23,188	56	77	72 974	9 286,124	83 785,670	9,023	8,558
7	28	98 964	76 482,215	1 797 997,091	23,509	23,044	57	78	70 776	8 680,887	74 499,546	8,582	8,118
8	29	98 931	73 695,091	1 721 514,876	23,361	22,896	58	79	68 364	8 081,929	65 818,660	8,144	7,680
9	30	98 899	71 006,550	1 647 821,785	23,207	22,742	59	80	65 746	7 491,505	57 736,731	7,707	7,243
10	31	98 863	68 415,202	1 576 815,235	23,048	22,583	60	81	62 876	6 905,581	50 245,226	7,276	6,812
11	32	98 824	65 916,221	1 508 400,033	22,884	22,419	61	82	59 759	6 325,956	43 339,645	6,851	6,387
12	33	98 784	63 507,976	1 442 483,812	22,713	22,249	62	83	56 347	5 749,167	37 013,689	6,438	5,974
13	34	98 740	61 185,651	1 378 975,836	22,538	22,073	63	84	52 611	5 173,970	31 264,523	6,043	5,578
14	35	98 694	58 946,128	1 317 790,185	22,356	21,891	64	85	48 617	4 608,368	26 090,552	5,662	5,197
15	36	98 635	56 782,000	1 258 844,057	22,170	21,705	65	86	44 398	4 056,317	21 482,184	5,296	4,832
16	37	98 573	54 695,038	1 202 062,057	21,978	21,513	66	87	39 988	3 521,386	17 425,868	4,949	4,484
17	38	98 501	52 679,441	1 147 367,019	21,780	21,316	67	88	35 420	3 006,400	13 904,482	4,625	4,161
18	39	98 420	50 733,699	1 094 687,578	21,577	21,113	68	89	30 839	2 522,954	10 898,082	4,320	3,855
19	40	98 318	48 849,270	1 043 953,880	21,371	20,906	69	90	26 339	2 076,932	8 375,128	4,032	3,568
20	41	98 216	47 034,837	995 104,609	21,157	20,692	70	91	21 991	1 671,358	6 298,196	3,768	3,304
21	42	98 103	45 282,862	948 069,772	20,937	20,472	71	92	17 929	1 313,399	4 626,837	3,523	3,058
22	43	97 985	43 593,277	902 786,911	20,709	20,245	72	93	14 196	1 002,365	3 313,438	3,306	2,841
23	44	97 856	41 962,382	859 193,634	20,475	20,011	73	94	10 928	743,695	2 311,072	3,108	2,643
24	45	97 722	40 390,435	817 231,251	20,233	19,769	74	95	8 177	536,413	1 567,377	2,922	2,458
25	46	97 572	38 870,850	776 840,816	19,985	19,521	75	96	5 908	373,546	1 030,964	2,760	2,296
26	47	97 414	37 404,985	737 969,966	19,729	19,265	76	97	4 112	250,595	657,418	2,623	2,159
27	48	97 244	35 990,284	700 564,982	19,465	19,001	77	98	2 792	163,967	406,823	2,481	2,017
28	49	97 053	34 621,226	664 574,697	19,196	18,731	78	99	1 824	103,289	242,856	2,351	1,887
29	50	96 845	33 298,250	629 953,472	18,919	18,454	79	100	1 145	62,459	139,567	2,235	1,770
30	51	96 619	32 019,716	596 655,221	18,634	18,170							
31	52	96 367	30 782,026	564 635,506	18,343	17,879							
32	53	96 099	29 587,037	533 853,480	18,043	17,579							
33	54	95 803	28 429,564	504 266,443	17,737	17,273							
34	55	95 472	27 307,359	475 836,878	17,425	16,961							
35	56	95 108	26 219,988	448 529,520	17,106	16,642							
36	57	94 715	25 167,801	422 309,532	16,780	16,315							
37	58	94 276	24 145,659	397 141,732	16,448	15,983							
38	59	93 788	23 152,674	372 996,073	16,110	15,646							
39	60	93 259	22 189,839	349 843,399	15,766	15,302							
40	61	92 674	21 253,577	327 653,560	15,416	14,952							
41	62	92 042	20 345,730	306 399,983	15,060	14,595							
42	63	91 346	19 462,014	286 054,252	14,698	14,234							
43	64	90 600	18 605,400	266 592,238	14,329	13,864							
44	65	89 785	17 771,669	247 986,839	13,954	13,490							
45	66	88 911	16 962,589	230 215,170	13,572	13,108							
46	67	87 967	16 175,841	213 252,581	13,183	12,719							
47	68	86 964	15 413,411	197 076,741	12,786	12,322							
48	69	85 876	14 670,421	181 663,329	12,383	11,919							
49	70	84 662	13 940,218	166 992,908	11,979	11,515							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	2 411 098,580	24,236	23,771	50	72	82 202	13 045,992	146 285,944	11,213	10,749
1	23	99 132	95 549,143	2 311 612,853	24,193	23,728	51	73	80 713	12 346,686	133 239,953	10,792	10,327
2	24	99 092	92 058,243	2 216 063,710	24,072	23,608	52	74	79 078	11 659,388	120 893,267	10,369	9,904
3	25	99 063	88 704,460	2 124 005,467	23,945	23,480	53	75	77 329	10 989,432	109 233,879	9,940	9,475
4	26	99 032	85 471,519	2 035 301,007	23,813	23,348	54	76	75 432	10 332,258	98 244,446	9,509	9,044
5	27	99 003	82 358,105	1 949 829,488	23,675	23,211	55	77	73 391	9 689,455	87 912,188	9,073	8,609
6	28	98 973	79 357,444	1 867 471,382	23,532	23,068	56	78	71 227	9 063,828	78 222,733	8,630	8,166
7	29	98 940	76 464,013	1 788 113,938	23,385	22,921	57	79	68 850	8 444,701	69 158,905	8,190	7,725
8	30	98 906	73 674,906	1 711 649,925	23,232	22,768	58	80	66 257	7 832,938	60 714,204	7,751	7,287
9	31	98 871	70 986,470	1 637 975,019	23,074	22,610	59	81	63 427	7 227,343	52 881,266	7,317	6,852
10	32	98 831	68 393,172	1 566 988,549	22,911	22,447	60	82	60 335	6 626,490	45 653,923	6,890	6,425
11	33	98 791	65 894,079	1 498 595,377	22,742	22,278	61	83	56 950	6 028,621	39 027,433	6,474	6,009
12	34	98 749	63 485,734	1 432 701,298	22,567	22,103	62	84	53 236	5 431,837	32 998,812	6,075	5,611
13	35	98 703	61 162,291	1 369 215,564	22,387	21,922	63	85	49 255	4 843,933	27 566,975	5,691	5,227
14	36	98 647	58 918,604	1 308 053,273	22,201	21,737	64	86	45 034	4 268,760	22 723,042	5,323	4,859
15	37	98 588	56 754,923	1 249 134,670	22,009	21,545	65	87	40 611	3 710,400	18 454,282	4,974	4,509
16	38	98 523	54 667,421	1 192 379,747	21,812	21,347	66	88	36 025	3 172,435	14 743,882	4,647	4,183
17	39	98 446	52 650,251	1 137 712,326	21,609	21,144	67	89	31 407	2 665,763	11 571,447	4,341	3,876
18	40	98 356	50 700,689	1 085 062,075	21,401	20,937	68	90	26 867	2 197,982	8 905,684	4,052	3,587
19	41	98 256	48 818,343	1 034 361,386	21,188	20,724	69	91	22 464	1 771,380	6 707,702	3,787	3,322
20	42	98 144	47 000,363	985 543,043	20,969	20,504	70	92	18 342	1 394,033	4 936,322	3,541	3,077
21	43	98 024	45 246,325	938 542,680	20,743	20,279	71	93	14 559	1 066,552	3 542,289	3,321	2,857
22	44	97 897	43 554,231	893 296,355	20,510	20,046	72	94	11 223	792,411	2 475,738	3,124	2,660
23	45	97 763	41 922,692	849 742,124	20,269	19,805	73	95	8 420	573,050	1 683,327	2,937	2,473
24	46	97 617	40 346,989	807 819,432	20,022	19,557	74	96	6 098	400,028	1 110,277	2,775	2,311
25	47	97 457	38 824,820	767 472,444	19,768	19,303	75	97	4 258	269,210	710,249	2,638	2,174
26	48	97 287	37 356,382	728 647,624	19,505	19,041	76	98	2 900	176,734	441,040	2,495	2,031
27	49	97 097	35 935,683	691 291,242	19,237	18,772	77	99	1 901	111,658	264,305	2,367	1,903
28	50	96 890	34 562,921	655 355,559	18,961	18,497	78	100	1 198	67,835	152,647	2,250	1,786
29	51	96 666	33 236,852	620 792,638	18,678	18,213							
30	52	96 418	31 953,226	587 555,786	18,388	17,924							
31	53	96 155	30 714,169	555 602,560	18,089	17,625							
32	54	95 861	29 513,703	524 888,390	17,785	17,320							
33	55	95 539	28 351,262	495 374,687	17,473	17,008							
34	56	95 175	27 222,368	467 023,426	17,156	16,691							
35	57	94 786	26 131,322	439 801,058	16,830	16,366							
36	58	94 359	25 073,263	413 669,736	16,498	16,034							
37	59	93 882	24 044,885	388 596,472	16,161	15,697							
38	60	93 354	23 045,373	364 551,588	15,819	15,354							
39	61	92 781	22 076,076	341 506,214	15,470	15,005							
40	62	92 156	21 134,851	319 430,138	15,114	14,649							
41	63	91 478	20 221,175	298 295,287	14,752	14,287							
42	64	90 728	19 330,447	278 074,111	14,385	13,921							
43	65	89 929	18 467,556	258 743,664	14,011	13,546							
44	66	89 066	17 629,252	240 276,108	13,629	13,165							
45	67	88 133	16 814,034	222 646,856	13,242	12,777							
46	68	87 144	16 024,468	205 832,822	12,845	12,380							
47	69	86 077	15 256,133	189 808,354	12,441	11,977							
48	70	84 884	14 501,032	174 552,220	12,037	11,573							
49	71	83 599	13 765,243	160 051,188	11,627	11,163							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	2 400 645,417	24,135	23,670	50	73	80 973	12 850,982	139 357,087	10,844	10,380
1	24	99 116	95 533,515	2 301 176,381	24,088	23,623	51	74	79 362	12 140,051	126 506,105	10,421	9,956
2	25	99 076	92 043,121	2 205 642,866	23,963	23,499	52	75	77 640	11 447,279	114 366,054	9,991	9,526
3	26	99 043	88 687,214	2 113 599,745	23,832	23,368	53	76	75 774	10 768,325	102 918,774	9,558	9,093
4	27	99 014	85 456,285	2 024 912,531	23,695	23,231	54	77	73 761	10 103,411	92 150,449	9,121	8,656
5	28	98 982	82 340,831	1 939 456,246	23,554	23,090	55	78	71 635	9 457,504	82 047,039	8,675	8,211
6	29	98 949	79 338,557	1 857 115,415	23,407	22,943	56	79	69 289	8 817,224	72 589,534	8,233	7,768
7	30	98 916	76 445,144	1 777 776,857	23,256	22,791	57	80	66 729	8 184,534	63 772,310	7,792	7,327
8	31	98 878	73 654,072	1 701 331,713	23,099	22,635	58	81	63 921	7 556,736	55 587,776	7,356	6,892
9	32	98 839	70 963,612	1 627 677,641	22,937	22,472	59	82	60 864	6 935,248	48 031,040	6,926	6,461
10	33	98 798	68 370,198	1 556 714,029	22,769	22,304	60	83	57 499	6 315,030	41 095,792	6,508	6,043
11	34	98 756	65 871,001	1 488 343,831	22,595	22,130	61	84	53 806	5 695,866	34 780,762	6,106	5,642
12	35	98 711	63 461,495	1 422 472,829	22,415	21,950	62	85	49 841	5 085,351	29 084,896	5,719	5,255
13	36	98 657	61 133,732	1 359 011,334	22,230	21,766	63	86	45 625	4 486,966	23 999,545	5,349	4,884
14	37	98 600	58 890,508	1 297 877,602	22,039	21,574	64	87	41 194	3 904,726	19 512,580	4,997	4,533
15	38	98 538	56 726,265	1 238 987,094	21,842	21,377	65	88	36 587	3 342,719	15 607,853	4,669	4,205
16	39	98 469	54 637,129	1 182 260,829	21,638	21,174	66	89	31 943	2 812,985	12 265,134	4,360	3,896
17	40	98 382	52 615,994	1 127 623,700	21,431	20,967	67	90	27 361	2 322,396	9 452,149	4,070	3,606
18	41	98 293	50 668,589	1 075 007,705	21,216	20,752	68	91	22 914	1 874,621	7 129,753	3,803	3,339
19	42	98 184	48 782,562	1 024 339,117	20,998	20,534	69	92	18 737	1 477,458	5 255,132	3,557	3,092
20	43	98 065	46 962,441	975 556,555	20,773	20,309	70	93	14 894	1 132,030	3 777,674	3,337	2,873
21	44	97 936	45 205,798	928 594,114	20,541	20,077	71	94	11 510	843,153	2 645,643	3,138	2,673
22	45	97 804	43 513,035	883 388,316	20,302	19,837	72	95	8 648	610,587	1 802,491	2,952	2,488
23	46	97 658	41 877,597	839 875,281	20,055	19,591	73	96	6 279	427,350	1 191,903	2,789	2,325
24	47	97 501	40 299,210	797 997,684	19,802	19,337	74	97	4 395	288,295	764,554	2,652	2,188
25	48	97 330	38 774,372	757 698,473	19,541	19,077	75	98	3 003	189,863	476,259	2,508	2,044
26	49	97 140	37 299,708	718 924,101	19,274	18,810	76	99	1 975	120,352	286,396	2,380	1,915
27	50	96 933	35 875,165	681 624,393	19,000	18,535	77	100	1 248	73,331	166,044	2,264	1,800
28	51	96 711	34 499,191	645 749,228	18,718	18,253							
29	52	96 466	33 167,835	611 250,038	18,429	17,965							
30	53	96 205	31 882,788	578 082,202	18,131	17,667							
31	54	95 916	30 638,042	546 199,414	17,827	17,363							
32	55	95 597	29 432,414	515 561,372	17,517	17,052							
33	56	95 241	28 263,022	486 128,958	17,200	16,736							
34	57	94 853	27 130,313	457 865,937	16,877	16,412							
35	58	94 430	26 033,166	430 735,624	16,546	16,081							
36	59	93 965	24 968,618	404 702,458	16,208	15,744							
37	60	93 447	23 933,450	379 733,840	15,866	15,402							
38	61	92 875	22 927,224	355 800,390	15,519	15,054							
39	62	92 262	21 952,755	332 873,166	15,163	14,699							
40	63	91 592	21 005,465	310 920,411	14,802	14,337							
41	64	90 860	20 084,477	289 914,946	14,435	13,970							
42	65	90 056	19 187,232	269 830,469	14,063	13,599							
43	66	89 208	18 319,563	250 643,237	13,682	13,217							
44	67	88 286	17 474,859	232 323,675	13,295	12,830							
45	68	87 308	16 656,690	214 848,816	12,899	12,434							
46	69	86 255	15 860,955	198 192,126	12,496	12,031							
47	70	85 083	15 079,982	182 331,171	12,091	11,627							
48	71	83 819	14 319,019	167 251,189	11,680	11,216							
49	72	82 444	13 575,084	152 932,170	11,266	10,801							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	2 389 718,739	24,029	23,564	50	74	79 618	12 635,907	132 276,550	10,468	10,004
1	25	99 100	95 517,822	2 290 265,972	23,977	23,513	51	75	77 918	11 919,198	119 640,643	10,038	9,573
2	26	99 057	92 025,226	2 194 748,150	23,849	23,385	52	76	76 078	11 216,960	107 721,445	9,603	9,139
3	27	99 026	88 671,407	2 102 722,924	23,714	23,249	53	77	74 095	10 529,820	96 504,485	9,165	8,700
4	28	98 993	85 438,361	2 014 051,517	23,573	23,109	54	78	71 995	9 861,551	85 974,665	8,718	8,254
5	29	98 958	82 321,235	1 928 613,156	23,428	22,963	55	79	69 686	9 200,189	76 113,115	8,273	7,809
6	30	98 925	79 318,979	1 846 291,921	23,277	22,812	56	80	67 155	8 545,580	66 912,925	7,830	7,366
7	31	98 888	76 423,527	1 766 972,942	23,121	22,656	57	81	64 376	7 895,935	58 367,346	7,392	6,928
8	32	98 847	73 630,355	1 690 549,415	22,960	22,496	58	82	61 338	7 251,329	50 471,411	6,960	6,496
9	33	98 806	70 939,775	1 616 919,060	22,793	22,328	59	83	58 003	6 609,276	43 220,082	6,539	6,075
10	34	98 763	68 346,253	1 545 979,285	22,620	22,155	60	84	54 325	5 966,466	36 610,806	6,136	5,672
11	35	98 718	65 845,852	1 477 633,032	22,441	21,976	61	85	50 374	5 332,538	30 644,340	5,747	5,282
12	36	98 665	63 430,863	1 411 787,180	22,257	21,792	62	86	46 168	4 710,592	25 311,802	5,373	4,909
13	37	98 610	61 104,580	1 348 355,317	22,066	21,602	63	87	41 734	4 104,324	20 601,210	5,019	4,555
14	38	98 551	58 860,772	1 287 250,737	21,869	21,405	64	88	37 111	3 517,789	16 496,886	4,690	4,225
15	39	98 484	56 694,833	1 228 389,965	21,667	21,202	65	89	32 442	2 963,975	12 979,098	4,379	3,915
16	40	98 404	54 601,880	1 171 695,132	21,459	20,995	66	90	27 829	2 450,655	10 015,122	4,087	3,622
17	41	98 320	52 582,682	1 117 093,552	21,245	20,780	67	91	23 336	1 980,732	7 564,467	3,819	3,355
18	42	98 221	50 631,452	1 064 510,871	21,025	20,560	68	92	19 112	1 563,569	5 583,735	3,571	3,107
19	43	98 104	48 743,201	1 013 879,419	20,800	20,336	69	93	15 215	1 199,776	4 020,166	3,351	2,886
20	44	97 977	46 920,377	965 136,218	20,570	20,105	70	94	11 775	894,917	2 820,390	3,152	2,687
21	45	97 844	45 163,040	918 215,841	20,331	19,867	71	95	8 869	649,686	1 925,474	2,964	2,499
22	46	97 699	43 466,230	873 052,801	20,086	19,621	72	96	6 449	455,343	1 275,788	2,802	2,337
23	47	97 542	41 828,006	829 586,571	19,833	19,369	73	97	4 525	307,985	820,444	2,664	2,199
24	48	97 375	40 246,847	787 758,565	19,573	19,109	74	98	3 100	203,323	512,459	2,520	2,056
25	49	97 182	38 715,547	747 511,718	19,308	18,843	75	99	2 045	129,292	309,136	2,391	1,927
26	50	96 976	37 236,893	708 796,171	19,035	18,570	76	100	1 297	79,041	179,844	2,275	1,811
27	51	96 755	35 809,015	671 559,278	18,754	18,289							
28	52	96 510	34 427,553	635 750,263	18,466	18,002							
29	53	96 253	33 094,719	601 322,710	18,170	17,705							
30	54	95 967	31 803,764	568 227,991	17,867	17,402							
31	55	95 652	30 553,656	536 424,227	17,557	17,092							
32	56	95 300	29 340,809	505 870,570	17,241	16,777							
33	57	94 919	28 167,448	476 529,761	16,918	16,453							
34	58	94 497	27 028,404	448 362,313	16,589	16,124							
35	59	94 036	25 924,514	421 333,910	16,252	15,788							
36	60	93 530	24 852,902	395 409,396	15,910	15,446							
37	61	92 968	23 810,748	370 556,494	15,563	15,098							
38	62	92 356	22 799,149	346 745,746	15,209	14,744							
39	63	91 698	21 818,362	323 946,598	14,847	14,383							
40	64	90 973	20 863,464	302 128,235	14,481	14,017							
41	65	90 187	19 935,675	281 264,771	14,109	13,644							
42	66	89 334	19 033,471	261 329,096	13,730	13,266							
43	67	88 427	18 159,124	242 295,625	13,343	12,878							
44	68	87 460	17 311,331	224 136,501	12,947	12,483							
45	69	86 417	16 486,725	206 825,170	12,545	12,081							
46	70	85 259	15 677,820	190 338,445	12,141	11,676							
47	71	84 015	14 890,701	174 660,625	11,730	11,265							
48	72	82 661	14 121,209	159 769,924	11,314	10,850							
49	73	81 212	13 372,165	145 648,715	10,892	10,428							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	2 378 303,846	23,918	23,453	50	75	78 170	12 406,033	125 063,370	10,081	9,616
1	26	99 080	95 499,252	2 278 867,416	23,863	23,398	51	76	76 351	11 679,384	112 657,337	9,646	9,181
2	27	99 039	92 008,824	2 183 368,164	23,730	23,266	52	77	74 393	10 968,518	100 977,953	9,206	8,742
3	28	99 005	88 652,808	2 091 359,340	23,590	23,126	53	78	72 322	10 277,752	90 009,435	8,758	8,293
4	29	98 970	85 418,027	2 002 706,532	23,446	22,982	54	79	70 036	9 593,243	79 731,683	8,311	7,847
5	30	98 934	82 300,921	1 917 288,505	23,296	22,832	55	80	67 539	8 916,746	70 138,440	7,866	7,401
6	31	98 897	79 296,549	1 834 987,584	23,141	22,676	56	81	64 787	8 244,250	61 221,694	7,426	6,962
7	32	98 856	76 398,918	1 755 691,035	22,981	22,516	57	82	61 774	7 576,818	52 977,444	6,992	6,528
8	33	98 813	73 605,622	1 679 292,117	22,815	22,350	58	83	58 455	6 910,500	45 400,626	6,570	6,105
9	34	98 771	70 914,930	1 605 686,495	22,642	22,178	59	84	54 802	6 244,471	38 490,126	6,164	5,699
10	35	98 726	68 320,159	1 534 771,565	22,464	22,000	60	85	50 860	5 585,877	32 245,655	5,773	5,308
11	36	98 672	65 815,106	1 466 451,406	22,281	21,817	61	86	46 662	4 939,564	26 659,778	5,397	4,933
12	37	98 618	63 401,615	1 400 636,300	22,091	21,627	62	87	42 231	4 308,880	21 720,214	5,041	4,576
13	38	98 560	61 073,726	1 337 234,685	21,895	21,431	63	88	37 599	3 697,607	17 411,335	4,709	4,244
14	39	98 496	58 828,157	1 276 160,959	21,693	21,229	64	89	32 907	3 119,209	13 713,728	4,397	3,932
15	40	98 420	56 657,945	1 217 332,802	21,486	21,021	65	90	28 263	2 582,197	10 594,519	4,103	3,638
16	41	98 342	54 567,010	1 160 674,857	21,271	20,806	66	91	23 735	2 090,122	8 012,322	3,833	3,369
17	42	98 248	52 544,141	1 106 107,847	21,051	20,587	67	92	19 464	1 652,073	5 922,200	3,585	3,120
18	43	98 142	50 590,600	1 053 563,705	20,825	20,361	68	93	15 520	1 269,703	4 270,128	3,363	2,899
19	44	98 016	48 699,542	1 002 973,106	20,595	20,131	69	94	12 028	948,472	3 000,425	3,163	2,699
20	45	97 884	46 875,997	954 273,563	20,357	19,893	70	95	9 073	689,572	2 051,952	2,976	2,511
21	46	97 739	45 114,460	907 397,566	20,113	19,649	71	96	6 614	484,501	1 362,380	2,812	2,348
22	47	97 583	43 414,757	862 283,106	19,862	19,397	72	97	4 648	328,160	877,879	2,675	2,211
23	48	97 416	41 773,656	818 868,349	19,603	19,138	73	98	3 192	217,210	549,719	2,531	2,066
24	49	97 227	40 185,788	777 094,692	19,338	18,873	74	99	2 111	138,458	332,510	2,402	1,937
25	50	97 019	38 650,347	736 908,905	19,066	18,602	75	100	1 343	84,912	194,052	2,285	1,821
26	51	96 797	37 168,232	698 258,557	18,786	18,322							
27	52	96 554	35 734,657	661 090,325	18,500	18,036							
28	53	96 297	34 351,660	625 355,668	18,205	17,740							
29	54	96 014	33 012,692	591 004,008	17,902	17,438							
30	55	95 703	31 716,168	557 991,317	17,593	17,129							
31	56	95 354	30 458,562	526 275,149	17,278	16,814							
32	57	94 977	29 241,591	495 816,587	16,956	16,491							
33	58	94 563	28 061,643	466 574,996	16,627	16,162							
34	59	94 102	26 915,598	438 513,354	16,292	15,828							
35	60	93 600	25 804,368	411 597,755	15,951	15,486							
36	61	93 050	24 725,486	385 793,387	15,603	15,139							
37	62	92 449	23 677,736	361 067,901	15,249	14,785							
38	63	91 791	22 659,574	337 390,165	14,890	14,425							
39	64	91 078	21 670,866	314 730,591	14,523	14,059							
40	65	90 299	20 708,891	293 059,725	14,151	13,687							
41	66	89 464	19 775,916	272 350,833	13,772	13,307							
42	67	88 552	18 866,780	252 574,917	13,387	12,923							
43	68	87 599	17 989,192	233 708,137	12,992	12,527							
44	69	86 567	17 134,686	215 718,944	12,590	12,125							
45	70	85 419	16 296,365	198 584,258	12,186	11,721							
46	71	84 189	15 481,036	182 287,893	11,775	11,310							
47	72	82 854	14 684,994	166 806,857	11,359	10,895							
48	73	81 425	13 910,126	152 121,864	10,936	10,472							
49	74	79 853	13 148,367	138 211,737	10,512	10,047							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	14 975,133	249 486,905	16,660	16,196
1	0	99 661	96 059,183	2 447 811,857	25,482	25,018	51	50	93 896	14 363,252	234 511,772	16,327	15,863
2	1	99 349	92 297,103	2 351 752,674	25,480	25,016	52	51	93 387	13 769,129	220 148,520	15,989	15,524
3	2	99 314	88 929,446	2 259 455,572	25,407	24,943	53	52	92 821	13 190,970	206 379,391	15,646	15,181
4	3	99 289	85 693,706	2 170 526,126	25,329	24,864	54	53	92 198	12 628,896	193 188,421	15,297	14,833
5	4	99 268	82 578,685	2 084 832,420	25,247	24,782	55	54	91 509	12 081,446	180 559,526	14,945	14,481
6	5	99 250	79 579,353	2 002 253,735	25,160	24,696	56	55	90 738	11 546,656	168 478,079	14,591	14,127
7	6	99 234	76 690,874	1 922 674,382	25,070	24,606	57	56	89 883	11 024,397	156 931,423	14,235	13,770
8	7	99 217	73 906,334	1 845 983,508	24,977	24,513	58	57	88 946	10 515,126	145 907,026	13,876	13,411
9	8	99 205	71 226,203	1 772 077,174	24,880	24,415	59	58	87 927	10 019,003	135 391,900	13,514	13,049
10	9	99 190	68 641,304	1 700 850,971	24,779	24,314	60	59	86 799	9 533,002	125 372,897	13,151	12,687
11	10	99 177	66 151,850	1 632 209,667	24,674	24,209	61	60	85 572	9 058,470	115 839,895	12,788	12,324
12	11	99 165	63 752,868	1 566 057,817	24,565	24,100	62	61	84 231	8 594,280	106 781,425	12,425	11,960
13	12	99 148	61 438,383	1 502 304,948	24,452	23,988	63	62	82 776	8 140,553	98 187,145	12,061	11,597
14	13	99 133	59 208,473	1 440 866,565	24,335	23,871	64	63	81 204	7 697,258	90 046,592	11,699	11,234
15	14	99 113	57 056,848	1 381 658,092	24,215	23,751	65	64	79 515	7 264,743	82 349,334	11,335	10,871
16	15	99 088	54 980,932	1 324 601,244	24,092	23,628	66	65	77 714	6 843,583	75 084,591	10,972	10,507
17	16	99 054	52 975,418	1 269 620,312	23,966	23,502	67	66	75 796	6 433,440	68 241,008	10,607	10,143
18	17	99 015	51 040,503	1 216 644,894	23,837	23,372	68	67	73 774	6 035,468	61 807,568	10,241	9,776
19	18	98 964	49 170,300	1 165 604,391	23,705	23,241	69	68	71 648	5 649,706	55 772,101	9,872	9,407
20	19	98 908	47 366,246	1 116 434,091	23,570	23,106	70	69	69 422	5 276,300	50 122,394	9,500	9,035
21	20	98 851	45 627,874	1 069 067,845	23,430	22,966	71	70	67 076	4 913,711	44 846,095	9,127	8,662
22	21	98 795	43 953,690	1 023 439,971	23,285	22,820	72	71	64 582	4 560,034	39 932,384	8,757	8,293
23	22	98 737	42 340,052	979 486,281	23,134	22,669	73	72	62 016	4 220,571	35 372,350	8,381	7,917
24	23	98 678	40 785,696	937 146,230	22,977	22,513	74	73	59 328	3 891,683	31 151,779	8,005	7,540
25	24	98 617	39 287,080	896 360,534	22,816	22,351	75	74	56 516	3 573,230	27 260,096	7,629	7,165
26	25	98 557	37 844,123	857 073,453	22,647	22,183	76	75	53 588	3 265,646	23 686,866	7,253	6,789
27	26	98 495	36 453,101	819 229,331	22,474	22,009	77	76	50 543	2 968,783	20 421,219	6,879	6,414
28	27	98 433	35 113,457	782 776,230	22,293	21,828	78	77	47 434	2 685,442	17 452,437	6,499	6,034
29	28	98 367	33 821,547	747 662,773	22,106	21,642	79	78	44 228	2 413,434	14 766,994	6,119	5,654
30	29	98 295	32 575,244	713 841,227	21,914	21,449	80	79	40 896	2 150,958	12 353,560	5,743	5,279
31	30	98 219	31 373,501	681 265,982	21,715	21,250	81	80	37 425	1 897,249	10 202,602	5,378	4,913
32	31	98 135	30 213,626	649 892,482	21,510	21,045	82	81	33 859	1 654,457	8 305,353	5,020	4,556
33	32	98 043	29 094,405	619 678,856	21,299	20,834	83	82	30 236	1 424,011	6 650,896	4,671	4,206
34	33	97 941	28 013,726	590 584,450	21,082	20,618	84	83	26 539	1 204,696	5 226,885	4,339	3,874
35	34	97 838	26 972,757	562 570,724	20,857	20,393	85	84	22 828	998,787	4 022,189	4,027	3,563
36	35	97 727	25 968,292	535 597,967	20,625	20,161	86	85	19 194	809,430	3 023,402	3,735	3,271
37	36	97 595	24 995,898	509 629,676	20,389	19,924	87	86	15 740	639,808	2 213,972	3,460	2,996
38	37	97 451	24 056,921	484 633,778	20,145	19,681	88	87	12 540	491,307	1 574,164	3,204	2,740
39	38	97 303	23 152,138	460 576,857	19,893	19,429	89	88	9 640	364,024	1 082,857	2,975	2,510
40	39	97 137	22 277,197	437 424,719	19,636	19,171	90	89	7 136	259,720	718,833	2,768	2,303
41	40	96 954	21 431,471	415 147,523	19,371	18,907	91	90	5 077	178,093	459,114	2,578	2,114
42	41	96 752	20 613,812	393 716,052	19,100	18,635	92	91	3 461	117,022	281,020	2,401	1,937
43	42	96 544	19 826,086	373 102,240	18,819	18,354	93	92	2 240	73,010	163,998	2,246	1,782
44	43	96 312	19 063,613	353 276,155	18,531	18,067	94	93	1 374	43,147	90,989	2,109	1,644
45	44	96 059	18 326,279	334 212,542	18,237	17,772	95	94	793	24,003	47,841	1,993	1,529
46	45	95 788	17 614,010	315 886,264	17,934	17,469	96	95	433	12,641	23,838	1,886	1,421
47	46	95 488	16 924,115	298 272,253	17,624	17,160	97	96	221	6,228	11,197	1,798	1,333
48	47	95 152	16 255,095	281 348,138	17,308	16,844	98	97	106	2,886	4,969	1,722	1,257
49	48	94 779	15 606,139	265 093,043	16,986	16,522	99	98	49	1,271	2,083	1,639	1,174
							100	99	21	0,517	0,812	1,572	1,107

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	14 997,886	251 522,540	16,771	16,306
1							51	49	94 054	14 387,482	236 524,654	16,440	15,975
2	0	99 637	92 564,788	2 354 492,456	25,436	24,972	52	50	93 560	13 794,565	222 137,172	16,103	15,639
3	1	99 336	88 949,229	2 261 927,668	25,429	24,965	53	51	93 014	13 218,418	208 342,607	15,762	15,297
4	2	99 302	85 704,968	2 172 978,439	25,354	24,890	54	52	92 402	12 656,796	195 124,189	15,417	14,952
5	3	99 278	82 586,919	2 087 273,471	25,274	24,809	55	53	91 737	12 111,466	182 467,393	15,066	14,601
6	4	99 259	79 586,680	2 004 686,552	25,189	24,724	56	54	90 989	11 578,547	170 355,927	14,713	14,249
7	5	99 241	76 696,085	1 925 099,873	25,100	24,636	57	55	90 163	11 058,817	158 777,381	14,358	13,893
8	6	99 224	73 911,731	1 848 403,788	25,008	24,544	58	56	89 247	10 550,804	147 718,564	14,001	13,536
9	7	99 210	71 229,596	1 774 492,057	24,912	24,448	59	57	88 259	10 056,779	137 167,760	13,639	13,175
10	8	99 197	68 646,251	1 703 262,462	24,812	24,348	60	58	87 163	9 572,955	127 110,981	13,278	12,814
11	9	99 182	66 155,366	1 634 616,210	24,709	24,244	61	59	85 970	9 100,647	117 538,026	12,915	12,451
12	10	99 170	63 756,413	1 568 460,844	24,601	24,136	62	60	84 665	8 638,568	108 437,379	12,553	12,088
13	11	99 156	61 443,108	1 504 704,431	24,489	24,025	63	61	83 241	8 186,283	99 798,810	12,191	11,727
14	12	99 139	59 212,215	1 443 261,323	24,374	23,910	64	62	81 704	7 744,670	91 612,527	11,829	11,365
15	13	99 121	57 061,358	1 384 049,108	24,255	23,791	65	63	80 056	7 314,188	83 867,858	11,466	11,002
16	14	99 097	54 986,005	1 326 987,750	24,133	23,666	66	64	78 294	6 894,664	76 553,669	11,103	10,639
17	15	99 066	52 981,552	1 272 001,745	24,008	23,544	67	65	76 408	6 485,412	69 659,005	10,741	10,276
18	16	99 028	51 047,029	1 219 020,193	23,880	23,416	68	66	74 426	6 088,792	63 173,593	10,375	9,911
19	17	98 977	49 176,676	1 167 973,164	23,751	23,286	69	67	72 325	5 703,075	57 084,801	10,009	9,545
20	18	98 924	47 373,936	1 118 796,489	23,616	23,152	70	68	70 138	5 330,694	51 381,726	9,639	9,174
21	19	98 867	45 635,375	1 071 422,553	23,478	23,013	71	69	67 859	4 971,108	46 051,032	9,264	8,799
22	20	98 811	43 960,886	1 025 787,178	23,334	22,870	72	70	65 403	4 617,998	41 079,923	8,896	8,431
23	21	98 753	42 347,242	981 826,292	23,185	22,721	73	71	62 885	4 279,692	36 461,925	8,520	8,055
24	22	98 695	40 792,540	939 479,050	23,031	22,566	74	72	60 228	3 950,738	32 182,233	8,146	7,681
25	23	98 633	39 293,507	898 686,510	22,871	22,407	75	73	57 478	3 634,050	28 231,494	7,769	7,304
26	24	98 574	37 850,340	859 393,003	22,705	22,241	76	74	54 581	3 326,156	24 597,444	7,395	6,931
27	25	98 514	36 460,189	821 542,663	22,533	22,068	77	75	51 581	3 029,741	21 271,288	7,021	6,556
28	26	98 451	35 119,717	785 082,474	22,354	21,890	78	76	48 508	2 746,269	18 241,547	6,642	6,178
29	27	98 387	33 828,642	749 962,757	22,169	21,705	79	77	45 313	2 472,625	15 495,278	6,267	5,802
30	28	98 318	32 582,999	716 134,115	21,979	21,514	80	78	42 040	2 211,117	13 022,653	5,890	5,425
31	29	98 243	31 381,245	683 551,117	21,782	21,318	81	79	38 615	1 957,558	10 811,536	5,523	5,059
32	30	98 162	30 222,172	652 169,872	21,579	21,115	82	80	35 097	1 714,928	8 853,978	5,163	4,698
33	31	98 075	29 103,777	621 947,700	21,370	20,906	83	81	31 510	1 483,987	7 139,050	4,811	4,346
34	32	97 974	28 023,139	592 843,923	21,156	20,691	84	82	27 848	1 264,112	5 655,063	4,474	4,009
35	33	97 873	26 982,207	564 820,783	20,933	20,469	85	83	24 161	1 057,137	4 390,951	4,154	3,689
36	34	97 764	25 978,210	537 838,577	20,703	20,239	86	84	20 501	864,579	3 333,814	3,856	3,392
37	35	97 641	25 007,575	511 860,367	20,468	20,004	87	85	16 993	690,709	2 469,235	3,575	3,111
38	36	97 498	24 068,398	486 852,792	20,228	19,763	88	86	13 709	537,111	1 778,525	3,311	2,847
39	37	97 352	23 163,834	462 784,394	19,979	19,514	89	87	10 700	404,064	1 241,415	3,072	2,608
40	38	97 191	22 289,548	439 620,560	19,723	19,259	90	88	8 047	292,907	837,350	2,859	2,394
41	39	97 017	21 445,424	417 331,013	19,460	18,996	91	89	5 827	204,425	544,443	2,663	2,199
42	40	96 813	20 626,871	395 885,589	19,193	18,728	92	90	4 058	137,208	340,019	2,478	2,014
43	41	96 615	19 840,628	375 258,718	18,914	18,449	93	91	2 686	87,534	202,811	2,317	1,853
44	42	96 390	19 079,007	355 418,090	18,629	18,164	94	92	1 691	53,134	115,277	2,170	1,705
45	43	96 145	18 342,708	336 339,083	18,336	17,872	95	93	1 003	30,363	62,144	2,047	1,582
46	44	95 879	17 630,686	317 996,375	18,037	17,572	96	94	562	16,405	31,780	1,937	1,473
47	45	95 590	16 942,340	300 365,689	17,729	17,264	97	95	297	8,351	15,375	1,841	1,377
48	46	95 265	16 274,366	283 423,349	17,415	16,951	98	96	148	4,004	7,024	1,754	1,290
49	47	94 902	15 626,443	267 148,983	17,096	16,632	99	97	69	1,802	3,019	1,675	1,211
							100	98	30	0,759	1,217	1,604	1,140

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	15 017,399	253 398,617	16,874	16,409
1							51	48	94 197	14 409,342	238 381,218	16,544	16,079
2							52	49	93 718	13 817,835	223 971,876	16,209	15,744
3	0	99 624	89 207,205	2 264 462,461	25,384	24,920	53	50	93 186	13 242,836	210 154,041	15,869	15,405
4	1	99 324	85 724,034	2 175 255,256	25,375	24,911	54	51	92 594	12 683,133	196 911,204	15,525	15,061
5	2	99 291	82 597,772	2 089 531,222	25,298	24,833	55	52	91 939	12 138,223	184 228,071	15,178	14,713
6	3	99 269	79 594,615	2 006 933,450	25,214	24,750	56	53	91 215	11 607,316	172 089,848	14,826	14,362
7	4	99 250	76 703,145	1 927 338,835	25,127	24,663	57	54	90 412	11 089,360	160 482,532	14,472	14,007
8	5	99 231	73 916,753	1 850 635,689	25,037	24,572	58	55	89 526	10 583,745	149 393,172	14,115	13,651
9	6	99 217	71 234,797	1 776 718,936	24,942	24,477	59	56	88 558	10 090,902	138 809,427	13,756	13,291
10	7	99 202	68 649,521	1 705 484,140	24,843	24,379	60	57	87 492	9 609,050	128 718,525	13,396	12,931
11	8	99 189	66 160,134	1 636 834,618	24,740	24,276	61	58	86 330	9 138,788	119 109,475	13,033	12,569
12	9	99 175	63 759,802	1 570 674,484	24,634	24,170	62	59	85 059	8 678,790	109 970,687	12,671	12,207
13	10	99 161	61 446,524	1 506 914,682	24,524	24,060	63	60	83 670	8 228,469	101 291,897	12,310	11,846
14	11	99 147	59 216,769	1 445 468,158	24,410	23,945	64	61	82 163	7 788,176	93 063,428	11,949	11,485
15	12	99 127	57 064,964	1 386 251,389	24,293	23,828	65	62	80 549	7 359,241	85 275,252	11,588	11,123
16	13	99 105	54 990,351	1 329 186,425	24,171	23,707	66	63	78 827	6 941,591	77 139,011	11,225	10,760
17	14	99 075	52 986,440	1 274 196,073	24,048	23,583	67	64	76 979	6 533,820	70 974,420	10,863	10,398
18	15	99 039	51 052,939	1 221 209,634	23,920	23,456	68	65	75 027	6 137,980	64 440,601	10,499	10,034
19	16	98 989	49 182,963	1 170 156,694	23,792	23,327	69	66	72 964	5 753,463	58 302,621	10,133	9,669
20	17	98 937	47 380,079	1 120 973,731	23,659	23,195	70	67	70 800	5 381,049	52 549,158	9,766	9,301
21	18	98 883	45 642,783	1 073 593,652	23,522	23,057	71	68	68 559	5 022,356	47 168,109	9,392	8,927
22	19	98 827	43 968,113	1 027 950,869	23,379	22,915	72	69	66 167	4 671,942	42 145,752	9,021	8,557
23	20	98 769	42 354,175	983 982,756	23,232	22,768	73	70	63 684	4 334,093	37 473,810	8,646	8,182
24	21	98 712	40 799,468	941 628,582	23,079	22,615	74	71	61 072	4 006,080	33 139,717	8,272	7,808
25	22	98 650	39 300,101	900 829,114	22,922	22,457	75	72	58 350	3 689,195	29 133,637	7,897	7,433
26	23	98 590	37 856,532	861 529,013	22,758	22,293	76	73	55 510	3 382,770	25 444,442	7,522	7,057
27	24	98 530	36 466,179	823 672,481	22,587	22,123	77	74	52 537	3 085,880	22 061,671	7,149	6,685
28	25	98 470	35 126,546	787 206,302	22,411	21,946	78	75	49 504	2 802,658	18 975,791	6,771	6,306
29	26	98 405	33 834,673	752 079,756	22,228	21,764	79	76	46 339	2 528,631	16 173,133	6,396	5,932
30	27	98 339	32 589,834	718 245,083	22,039	21,575	80	77	43 071	2 265,346	13 644,502	6,023	5,559
31	28	98 266	31 388,715	685 655,249	21,844	21,380	81	78	39 695	2 012,308	11 379,156	5,655	5,190
32	29	98 187	30 229,632	654 266,534	21,643	21,179	82	79	36 213	1 769,442	9 366,848	5,294	4,829
33	30	98 102	29 112,009	624 036,902	21,436	20,971	83	80	32 661	1 538,227	7 597,406	4,939	4,475
34	31	98 006	28 032,166	594 924,893	21,223	20,759	84	81	29 020	1 317,353	6 059,179	4,600	4,135
35	32	97 905	26 991,273	566 892,727	21,003	20,538	85	82	25 353	1 109,275	4 741,826	4,275	3,810
36	33	97 799	25 987,311	539 901,454	20,776	20,311	86	83	21 699	915,088	3 632,550	3,970	3,505
37	34	97 678	25 017,126	513 914,142	20,542	20,078	87	84	18 150	737,770	2 717,462	3,683	3,219
38	35	97 543	24 079,642	488 897,016	20,303	19,839	88	85	14 800	579,842	1 979,692	3,414	2,950
39	36	97 399	23 174,885	464 817,375	20,057	19,593	89	86	11 698	441,735	1 399,850	3,169	2,705
40	37	97 240	22 300,808	441 642,490	19,804	19,339	90	87	8 933	325,125	958,116	2,947	2,482
41	38	97 071	21 457,314	419 341,682	19,543	19,079	91	88	6 572	230,546	632,990	2,746	2,281
42	39	96 876	20 640,300	397 884,368	19,277	18,813	92	89	4 658	157,494	402,444	2,555	2,091
43	40	96 676	19 853,197	377 244,068	19,002	18,537	93	90	3 149	102,633	244,950	2,387	1,922
44	41	96 461	19 093,001	357 390,870	18,718	18,254	94	91	2 028	63,704	142,317	2,234	1,770
45	42	96 223	18 357,520	338 297,870	18,428	17,964	95	92	1 235	37,391	78,613	2,102	1,638
46	43	95 965	17 646,492	319 940,350	18,131	17,666	96	93	711	20,752	41,223	1,986	1,522
47	44	95 681	16 958,380	302 293,858	17,826	17,361	97	94	385	10,838	20,471	1,889	1,424
48	45	95 368	16 291,891	285 335,478	17,514	17,050	98	95	198	5,370	9,632	1,794	1,329
49	46	95 015	15 644,970	269 043,587	17,197	16,732	99	96	96	2,501	4,263	1,705	1,240
							100	97	43	1,076	1,762	1,638	1,173

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	15 035,204	255 125,002	16,969	16,504
1							51	47	94 320	14 428,089	240 089,798	16,640	16,176
2							52	48	93 860	13 838,830	225 661,709	16,306	15,842
3							53	49	93 343	13 265,176	211 822,878	15,968	15,504
4	0	99 612	85 972,656	2 177 598,319	25,329	24,865	54	50	92 765	12 706,563	198 557,703	15,626	15,162
5	1	99 313	82 616,147	2 091 625,663	25,317	24,853	55	51	92 131	12 163,481	185 851,140	15,279	14,815
6	2	99 282	79 605,075	2 009 009,516	25,237	24,773	56	52	91 416	11 632,960	173 687,659	14,931	14,466
7	3	99 260	76 710,793	1 929 404,440	25,152	24,687	57	53	90 637	11 116,914	162 054,699	14,577	14,113
8	4	99 240	73 923,558	1 852 693,647	25,062	24,598	58	54	89 773	10 612,976	150 937,785	14,222	13,758
9	5	99 224	71 239,637	1 778 770,089	24,969	24,504	59	55	88 835	10 122,407	140 324,809	13,863	13,398
10	6	99 209	68 654,534	1 707 530,452	24,871	24,407	60	56	87 789	9 641,654	130 202,402	13,504	13,040
11	7	99 194	66 163,286	1 638 875,918	24,770	24,306	61	57	86 656	9 173,246	120 560,748	13,143	12,678
12	8	99 183	63 764,397	1 572 712,632	24,664	24,200	62	58	85 416	8 715,163	111 387,503	12,781	12,316
13	9	99 167	61 449,790	1 508 948,235	24,556	24,091	63	59	84 060	8 266,781	102 672,339	12,420	11,955
14	10	99 152	59 220,062	1 447 498,445	24,443	23,978	64	60	82 586	7 828,310	94 405,558	12,060	11,595
15	11	99 134	57 069,353	1 388 278,383	24,326	23,862	65	61	81 001	7 400,582	86 577,248	11,699	11,234
16	12	99 111	54 993,827	1 331 209,030	24,207	23,742	66	62	79 312	6 984,348	79 176,666	11,336	10,872
17	13	99 082	52 990,628	1 276 215,204	24,084	23,619	67	63	77 503	6 578,290	72 192,318	10,974	10,510
18	14	99 048	51 057,650	1 223 224,576	23,958	23,493	68	64	75 587	6 183,794	65 614,028	10,611	10,146
19	15	99 001	49 188,658	1 172 166,926	23,830	23,366	69	65	73 553	5 799,942	59 430,234	10,247	9,782
20	16	98 949	47 386,137	1 122 978,268	23,698	23,234	70	66	71 426	5 428,592	53 630,292	9,879	9,415
21	17	98 896	45 648,702	1 075 592,131	23,562	23,098	71	67	69 206	5 069,799	48 201,700	9,508	9,043
22	18	98 843	43 975,251	1 029 943,430	23,421	22,957	72	68	66 849	4 720,106	43 131,901	9,138	8,673
23	19	98 786	42 361,137	985 968,179	23,275	22,811	73	69	64 428	4 384,720	38 411,795	8,760	8,296
24	20	98 728	40 806,147	943 607,041	23,124	22,660	74	70	61 848	4 057,003	34 027,075	8,387	7,923
25	21	98 667	39 306,775	902 800,894	22,968	22,504	75	71	59 167	3 740,874	29 970,072	8,012	7,547
26	22	98 606	37 862,884	863 494,119	22,806	22,341	76	72	56 352	3 434,103	26 229,198	7,638	7,173
27	23	98 546	36 472,145	825 631,235	22,637	22,173	77	73	53 431	3 138,404	22 795,095	7,263	6,799
28	24	98 486	35 132,317	789 159,090	22,462	21,998	78	74	50 422	2 854,589	19 656,691	6,886	6,422
29	25	98 424	33 841,252	754 026,773	22,281	21,817	79	75	47 290	2 580,552	16 802,102	6,511	6,047
30	26	98 356	32 595,644	720 185,522	22,095	21,630	80	76	44 046	2 316,657	14 221,550	6,139	5,674
31	27	98 287	31 395,300	687 589,877	21,901	21,437	81	77	40 668	2 061,661	11 904,892	5,774	5,310
32	28	98 210	30 236,828	656 194,578	21,702	21,237	82	78	37 226	1 818,930	9 843,232	5,412	4,947
33	29	98 127	29 119,195	625 957,750	21,496	21,032	83	79	33 700	1 587,124	8 024,301	5,056	4,591
34	30	98 034	28 040,095	596 838,555	21,285	20,821	84	80	30 081	1 365,503	6 437,177	4,714	4,250
35	31	97 937	26 999,967	568 798,459	21,067	20,602	85	81	26 421	1 155,995	5 071,675	4,387	3,923
36	32	97 832	25 996,044	541 798,492	20,842	20,377	86	82	22 769	960,221	3 915,679	4,078	3,613
37	33	97 712	25 025,891	515 802,448	20,611	20,146	87	83	19 211	780,871	2 955,458	3,785	3,320
38	34	97 581	24 088,839	490 776,558	20,374	19,909	88	84	15 808	619,349	2 174,587	3,511	3,047
39	35	97 444	23 185,711	466 687,719	20,128	19,664	89	85	12 628	476,878	1 555,239	3,261	2,797
40	36	97 286	22 311,447	443 502,008	19,878	19,413	90	86	9 765	355,436	1 078,361	3,034	2,569
41	37	97 120	21 468,154	421 190,560	19,619	19,155	91	87	7 295	255,905	722,925	2,825	2,361
42	38	96 930	20 651,744	399 722,407	19,355	18,891	92	88	5 253	177,619	467,019	2,629	2,165
43	39	96 739	19 866,123	379 070,663	19,081	18,617	93	89	3 615	117,807	289,401	2,457	1,992
44	40	96 522	19 105,097	359 204,540	18,802	18,337	94	90	2 378	74,692	171,593	2,297	1,833
45	41	96 294	18 370,985	340 099,443	18,513	18,048	95	91	1 481	44,829	96,901	2,162	1,697
46	42	96 042	17 660,742	321 728,458	18,217	17,753	96	92	876	25,555	52,072	2,038	1,573
47	43	95 767	16 973,583	304 067,717	17,914	17,450	97	93	487	13,710	26,517	1,934	1,470
48	44	95 458	16 307,315	287 094,134	17,605	17,141	98	94	257	6,968	12,807	1,838	1,373
49	45	95 117	15 661,817	270 786,818	17,290	16,825	99	95	128	3,354	5,839	1,741	1,277
							100	96	59	1,493	2,485	1,665	1,200

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	15 051,394	256 711,495	17,056	16,591
1							51	46	94 431	14 445,195	241 660,101	16,729	16,265
2							52	47	93 982	13 856,835	227 214,906	16,397	15,933
3							53	48	93 485	13 285,331	213 358,070	16,060	15,595
4							54	49	92 922	12 727,997	200 072,739	15,719	15,255
5	0	99 601	82 855,756	2 093 789,966	25,270	24,806	55	50	92 301	12 185,951	187 344,742	15,374	14,909
6	1	99 304	79 622,785	2 010 934,210	25,256	24,791	56	51	91 607	11 657,167	175 158,791	15,026	14,561
7	2	99 273	76 720,875	1 931 311,426	25,173	24,709	57	52	90 837	11 141,474	163 501,625	14,675	14,211
8	3	99 250	73 930,929	1 854 590,551	25,085	24,621	58	53	89 996	10 639,347	152 360,150	14,320	13,856
9	4	99 233	71 246,195	1 780 659,622	24,993	24,529	59	54	89 080	10 150,364	141 720,804	13,962	13,498
10	5	99 216	68 659,199	1 709 413,427	24,897	24,433	60	55	88 063	9 671,756	131 570,440	13,604	13,139
11	6	99 201	66 168,117	1 640 754,228	24,797	24,332	61	56	86 950	9 204,371	121 898,684	13,244	12,779
12	7	99 187	63 767,434	1 574 586,111	24,693	24,228	62	57	85 738	8 748,023	112 694,313	12,887	12,418
13	8	99 174	61 454,219	1 510 818,677	24,584	24,120	63	58	84 412	8 301,428	103 946,290	12,521	12,057
14	9	99 157	59 223,209	1 449 364,458	24,473	24,008	64	59	82 971	7 864,759	95 644,862	12,161	11,697
15	10	99 140	57 072,526	1 390 141,248	24,357	23,893	65	60	81 419	7 438,719	87 780,103	11,800	11,336
16	11	99 119	54 998,056	1 333 068,722	24,238	23,774	66	61	79 758	7 023,584	80 341,384	11,439	10,974
17	12	99 089	52 993,977	1 278 070,666	24,117	23,653	67	62	77 980	6 618,810	73 317,801	11,077	10,613
18	13	99 056	51 061,685	1 225 076,689	23,992	23,528	68	63	76 101	6 225,883	66 698,991	10,713	10,249
19	14	99 010	49 193,196	1 174 015,004	23,865	23,401	69	64	74 102	5 843,233	60 473,108	10,349	9,885
20	15	98 961	47 391,623	1 124 821,807	23,735	23,270	70	65	72 003	5 472,446	54 629,875	9,983	9,518
21	16	98 909	45 654,538	1 077 430,184	23,600	23,135	71	66	69 818	5 114,592	49 157,429	9,611	9,147
22	17	98 856	43 980,953	1 031 775,646	23,460	22,995	72	67	67 481	4 764,694	44 042,838	9,244	8,779
23	18	98 802	42 368,015	987 794,693	23,315	22,850	73	68	65 092	4 429,923	39 278,144	8,867	8,402
24	19	98 744	40 812,855	945 426,678	23,165	22,701	74	69	62 570	4 104,394	34 848,221	8,490	8,026
25	20	98 683	39 313,210	904 613,823	23,010	22,546	75	70	59 919	3 788,425	30 743,828	8,115	7,651
26	21	98 623	37 869,315	865 300,613	22,850	22,385	76	71	57 141	3 482,208	26 955,402	7,741	7,276
27	22	98 563	36 478,265	827 431,299	22,683	22,218	77	72	54 242	3 186,029	23 473,195	7,368	6,903
28	23	98 502	35 138,064	790 953,034	22,510	22,045	78	73	51 280	2 903,177	20 287,166	6,988	6,523
29	24	98 440	33 846,812	755 814,970	22,330	21,866	79	74	48 167	2 628,368	17 383,989	6,614	6,150
30	25	98 376	32 601,982	721 968,158	22,145	21,680	80	75	44 951	2 364,226	14 755,621	6,241	5,777
31	26	98 304	31 400,897	689 366,175	21,954	21,489	81	76	41 589	2 108,358	12 391,396	5,877	5,413
32	27	98 231	30 243,171	657 965,279	21,756	21,291	82	77	38 138	1 863,541	10 283,037	5,518	5,054
33	28	98 150	29 126,127	627 722,107	21,552	21,087	83	78	34 642	1 631,514	8 419,497	5,161	4,696
34	29	98 058	28 047,016	598 595,981	21,343	20,878	84	79	31 037	1 408,909	6 787,983	4,818	4,353
35	30	97 965	27 007,605	570 548,964	21,125	20,661	85	80	27 386	1 198,247	5 379,075	4,489	4,025
36	31	97 863	26 004,417	543 541,359	20,902	20,437	86	81	23 728	1 000,663	4 180,827	4,178	3,714
37	32	97 745	25 034,300	517 536,942	20,673	20,209	87	82	20 158	819,384	3 180,164	3,881	3,417
38	33	97 615	24 097,278	492 502,642	20,438	19,974	88	83	16 732	655,531	2 360,780	3,601	3,137
39	34	97 482	23 194,567	468 405,364	20,195	19,730	89	84	13 489	509,369	1 705,249	3,348	2,883
40	35	97 332	22 321,870	445 210,797	19,945	19,481	90	85	10 542	383,714	1 195,880	3,117	2,652
41	36	97 166	21 478,396	422 888,927	19,689	19,225	91	86	7 975	279,763	812,166	2,903	2,439
42	37	96 979	20 662,177	401 410,531	19,427	18,963	92	87	5 831	197,156	532,403	2,700	2,236
43	38	96 793	19 877,137	380 748,354	19,155	18,691	93	88	4 077	132,861	335,247	2,523	2,059
44	39	96 585	19 117,535	360 871,217	18,876	18,412	94	89	2 729	85,736	202,386	2,361	1,896
45	40	96 355	18 382,623	341 753,682	18,591	18,127	95	90	1 736	52,562	116,651	2,219	1,755
46	41	96 113	17 673,696	323 371,059	18,297	17,832	96	91	1 050	30,639	64,089	2,092	1,627
47	42	95 844	16 987,289	305 697,363	17,996	17,531	97	92	600	16,883	33,450	1,981	1,517
48	43	95 543	16 321,935	288 710,074	17,688	17,224	98	93	325	8,815	16,567	1,879	1,415
49	44	95 207	15 676,644	272 388,139	17,375	16,911	99	94	167	4,352	7,752	1,781	1,317
							100	95	79	2,002	3,400	1,699	1,234

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	15 065,644	258 167,295	17,136	16,672
1							51	45	94 533	14 460,750	243 101,651	16,811	16,347
2							52	46	94 094	13 873,264	228 640,901	16,481	16,016
3							53	47	93 607	13 302,616	214 767,637	16,145	15,680
4							54	48	93 063	12 747,337	201 465,021	15,804	15,340
5							55	49	92 456	12 206,507	188 717,685	15,460	14,996
6	0	99 592	79 853,711	2 012 932,334	25,208	24,743	56	50	91 776	11 678,701	176 511,177	15,114	14,650
7	1	99 295	76 737,942	1 933 078,623	25,191	24,726	57	51	91 026	11 164,658	164 832,477	14,764	14,299
8	2	99 263	73 940,645	1 856 340,681	25,106	24,641	58	52	90 195	10 662,852	153 667,819	14,412	13,947
9	3	99 243	71 253,299	1 782 400,036	25,015	24,551	59	53	89 301	10 175,585	143 004,967	14,054	13,589
10	4	99 225	68 665,520	1 711 146,737	24,920	24,456	60	54	88 306	9 698,468	132 829,382	13,696	13,231
11	5	99 208	66 172,613	1 642 481,217	24,821	24,357	61	55	87 221	9 233,108	123 130,914	13,336	12,871
12	6	99 195	63 772,091	1 576 308,604	24,718	24,253	62	56	86 029	8 777,706	113 897,806	12,976	12,511
13	7	99 179	61 457,146	1 512 536,513	24,611	24,147	63	57	84 730	8 332,728	105 120,100	12,615	12,151
14	8	99 165	59 227,478	1 451 079,367	24,500	24,036	64	58	83 318	7 897,721	96 787,372	12,255	11,791
15	9	99 145	57 075,560	1 391 851,889	24,386	23,922	65	59	81 798	7 473,354	88 889,651	11,894	11,430
16	10	99 125	55 001,114	1 334 776,330	24,268	23,804	66	60	80 169	7 059,778	81 416,298	11,532	11,068
17	11	99 096	52 998,053	1 279 775,216	24,148	23,683	67	61	78 418	6 655,991	74 356,520	11,171	10,707
18	12	99 062	51 064,913	1 226 777,163	24,024	23,559	68	62	76 570	6 264,232	67 700,529	10,807	10,343
19	13	99 018	49 197,085	1 175 712,251	23,898	23,434	69	63	74 607	5 883,003	61 436,297	10,443	9,979
20	14	98 970	47 395,996	1 126 515,166	23,768	23,304	70	64	72 540	5 513,293	55 553,294	10,076	9,612
21	15	98 920	45 659,824	1 079 119,170	23,634	23,169	71	65	70 382	5 155,909	50 040,001	9,705	9,241
22	16	98 869	43 986,576	1 033 459,346	23,495	23,030	72	66	68 077	4 806,790	44 884,091	9,338	8,873
23	17	98 815	42 373,508	989 472,770	23,351	22,887	73	67	65 707	4 471,769	40 077,301	8,962	8,498
24	18	98 760	40 819,481	947 099,261	23,202	22,738	74	68	63 215	4 146,706	35 605,531	8,586	8,122
25	19	98 699	39 319,673	906 279,780	23,049	22,585	75	69	60 619	3 832,678	31 458,825	8,208	7,744
26	20	98 639	37 875,514	866 960,107	22,890	22,425	76	70	57 868	3 526,471	27 626,147	7,834	7,370
27	21	98 580	36 484,460	829 084,593	22,724	22,260	77	71	55 002	3 230,659	24 099,675	7,460	6,995
28	22	98 518	35 143,960	792 600,134	22,553	22,089	78	72	52 058	2 947,232	20 869,017	7,081	6,616
29	23	98 456	33 852,349	757 456,173	22,375	21,911	79	73	48 986	2 673,105	17 921,785	6,704	6,240
30	24	98 392	32 607,339	723 603,824	22,191	21,727	80	74	45 784	2 408,033	15 248,680	6,332	5,868
31	25	98 324	31 407,003	690 996,486	22,001	21,537	81	75	42 443	2 151,649	12 840,647	5,968	5,503
32	26	98 248	30 248,563	659 589,483	21,806	21,341	82	76	39 002	1 905,751	10 688,998	5,609	5,144
33	27	98 171	29 132,237	629 340,920	21,603	21,138	83	77	35 492	1 671,527	8 783,247	5,255	4,790
34	28	98 081	28 053,693	600 208,683	21,395	20,931	84	78	31 905	1 448,314	7 111,720	4,910	4,446
35	29	97 989	27 014,271	572 154,990	21,180	20,715	85	79	28 257	1 236,337	5 663,406	4,581	4,116
36	30	97 891	26 011,773	545 140,719	20,957	20,493	86	80	24 595	1 037,238	4 427,069	4,268	3,804
37	31	97 777	25 042,364	519 128,946	20,730	20,266	87	81	21 007	853,894	3 389,831	3,970	3,505
38	32	97 648	24 105,375	494 086,583	20,497	20,033	88	82	17 557	687,862	2 535,937	3,687	3,222
39	33	97 516	23 202,693	469 981,207	20,255	19,791	89	83	14 277	539,127	1 848,075	3,428	2,963
40	34	97 369	22 330,396	446 778,514	20,008	19,543	90	84	11 261	409,858	1 308,948	3,194	2,729
41	35	97 211	21 488,429	424 448,118	19,752	19,288	91	85	8 609	302,020	899,090	2,977	2,512
42	36	97 025	20 672,034	402 959,689	19,493	19,029	92	86	6 374	215,537	597,070	2,770	2,306
43	37	96 842	19 887,179	382 287,654	19,223	18,758	93	87	4 525	147,475	381,534	2,587	2,123
44	38	96 638	19 128,134	362 400,475	18,946	18,482	94	88	3 078	96,691	234,059	2,421	1,956
45	39	96 417	18 394,592	343 272,341	18,662	18,197	95	89	1 993	60,333	137,368	2,277	1,812
46	40	96 173	17 684,892	324 877,749	18,370	17,906	96	90	1 231	35,924	77,035	2,144	1,680
47	41	95 914	16 999,749	307 192,857	18,070	17,606	97	91	720	20,242	41,111	2,031	1,567
48	42	95 621	16 335,115	290 193,108	17,765	17,301	98	92	400	10,855	20,869	1,923	1,458
49	43	95 293	15 690,698	273 857,993	17,454	16,989	99	93	211	5,505	10,014	1,819	1,355
							100	94	103	2,598	4,509	1,736	1,271

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	15 079,150	259 502,439	17,209	16,745
1							51	44	94 623	14 474,441	244 423,289	16,887	16,422
2							52	45	94 195	13 888,203	229 948,848	16,557	16,093
3							53	46	93 718	13 318,387	216 060,645	16,223	15,758
4							54	47	93 184	12 763,922	202 742,257	15,884	15,420
5							55	48	92 597	12 225,054	189 978,336	15,540	15,076
6							56	49	91 931	11 698,402	177 753,282	15,195	14,730
7	0	99 583	76 960,502	1 934 922,659	25,142	24,677	57	50	91 195	11 185,282	166 054,880	14,846	14,381
8	1	99 285	73 957,094	1 857 962,157	25,122	24,658	58	51	90 383	10 685,040	154 869,598	14,494	14,030
9	2	99 256	71 262,664	1 784 005,063	25,034	24,570	59	52	89 499	10 198,066	144 184,558	14,138	13,674
10	3	99 235	68 672,366	1 712 742,399	24,941	24,476	60	53	88 525	9 722,566	133 986,493	13,781	13,317
11	4	99 217	66 178,705	1 644 070,033	24,843	24,378	61	54	87 462	9 258,609	124 263,926	13,421	12,957
12	5	99 201	63 776,424	1 577 891,328	24,741	24,277	62	55	86 297	8 805,111	115 005,318	13,061	12,597
13	6	99 186	61 461,634	1 514 114,904	24,635	24,171	63	56	85 018	8 361,001	106 200,207	12,702	12,237
14	7	99 169	59 230,299	1 452 653,270	24,526	24,061	64	57	83 632	7 927,499	97 839,206	12,342	11,877
15	8	99 152	57 079,673	1 393 422,971	24,412	23,947	65	58	82 141	7 504,675	89 911,707	11,981	11,516
16	9	99 130	55 004,037	1 336 343,298	24,295	23,831	66	59	80 542	7 092,648	82 407,032	11,619	11,154
17	10	99 102	53 000,999	1 281 339,261	24,176	23,711	67	60	78 822	6 690,291	75 314,383	11,257	10,793
18	11	99 070	51 068,840	1 228 338,262	24,053	23,588	68	61	77 000	6 299,421	68 624,092	10,894	10,429
19	12	99 024	49 200,194	1 177 269,422	23,928	23,464	69	62	75 066	5 919,240	62 324,671	10,529	10,065
20	13	98 978	47 399,742	1 128 069,228	23,799	23,335	70	63	73 034	5 550,818	56 405,431	10,162	9,697
21	14	98 929	45 664,037	1 080 669,486	23,666	23,201	71	64	70 907	5 194,394	50 854,613	9,790	9,326
22	15	98 880	43 991,669	1 035 005,449	23,527	23,063	72	65	68 627	4 845,622	45 660,219	9,423	8,959
23	16	98 827	42 378,926	991 013,779	23,385	22,920	73	66	66 287	4 511,278	40 814,598	9,047	8,583
24	17	98 773	40 824,774	948 634,853	23,237	22,772	74	67	63 813	4 185,878	36 303,319	8,673	8,208
25	18	98 715	39 326,056	907 810,079	23,084	22,620	75	68	61 244	3 872,190	32 117,442	8,294	7,830
26	19	98 655	37 881,741	868 484,023	22,926	22,462	76	69	58 544	3 567,665	28 245,252	7,917	7,453
27	20	98 596	36 490,433	830 602,282	22,762	22,298	77	70	55 701	3 271,725	24 677,587	7,543	7,078
28	21	98 535	35 149,929	794 111,850	22,592	22,128	78	71	52 787	2 988,517	21 405,862	7,163	6,698
29	22	98 473	33 858,029	758 961,921	22,416	21,952	79	72	49 730	2 713,668	18 417,346	6,787	6,322
30	23	98 408	32 612,673	725 103,892	22,234	21,769	80	73	46 563	2 449,020	15 703,677	6,412	5,948
31	24	98 340	31 412,163	692 491,219	22,045	21,581	81	74	43 230	2 191,518	13 254,658	6,048	5,584
32	25	98 267	30 254,445	661 079,056	21,851	21,386	82	75	39 803	1 944,882	11 063,140	5,688	5,224
33	26	98 188	29 137,430	630 824,611	21,650	21,186	83	76	36 296	1 709,388	9 118,258	5,334	4,870
34	27	98 102	28 059,578	601 687,181	21,443	20,979	84	77	32 688	1 483,834	7 408,870	4,993	4,529
35	28	98 012	27 020,702	573 627,602	21,229	20,765	85	78	29 047	1 270,915	5 925,036	4,662	4,198
36	29	97 915	26 018,193	546 606,901	21,009	20,544	86	79	25 377	1 070,209	4 654,120	4,349	3,884
37	30	97 804	25 049,447	520 588,708	20,782	20,318	87	80	21 775	885,104	3 583,911	4,049	3,585
38	31	97 679	24 113,140	495 539,260	20,551	20,086	88	81	18 297	716,833	2 698,807	3,765	3,300
39	32	97 548	23 210,490	471 426,120	20,311	19,846	89	82	14 981	565,717	1 981,973	3,503	3,039
40	33	97 403	22 338,219	448 215,631	20,065	19,601	90	83	11 918	433,802	1 416,257	3,265	2,800
41	34	97 248	21 496,637	425 877,411	19,811	19,347	91	84	9 196	322,598	982,455	3,045	2,581
42	35	97 070	20 681,691	404 380,774	19,553	19,088	92	85	6 881	232,684	659,857	2,836	2,371
43	36	96 888	19 896,667	383 699,083	19,285	18,820	93	86	4 947	161,224	427,173	2,650	2,185
44	37	96 687	19 137,998	363 802,416	19,010	18,545	94	87	3 417	107,327	265,949	2,478	2,014
45	38	96 471	18 404,790	344 664,619	18,727	18,262	95	88	2 247	68,043	158,623	2,331	1,867
46	39	96 236	17 696,406	326 259,829	18,437	17,972	96	89	1 413	41,235	90,580	2,197	1,732
47	40	95 975	17 010,519	308 563,422	18,140	17,675	97	90	844	23,734	49,345	2,079	1,615
48	41	95 691	16 347,096	291 552,904	17,835	17,371	98	91	480	13,014	25,612	1,968	1,504
49	42	95 370	15 703,369	275 205,807	17,525	17,061	99	92	259	6,780	12,597	1,858	1,394
							100	93	130	3,286	5,818	1,770	1,306

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	15 091,326	260 725,881	17,277	16,812
1							51	43	94 707	14 487,417	245 634,555	16,955	16,491
2							52	44	94 284	13 901,352	231 147,138	16,628	16,163
3							53	45	93 819	13 332,729	217 245,786	16,294	15,830
4							54	46	93 295	12 779,054	203 913,057	15,957	15,492
5							55	47	92 717	12 240,959	191 134,003	15,614	15,150
6							56	48	92 070	11 716,176	178 893,043	15,269	14,804
7							57	49	91 348	11 204,151	167 176,867	14,921	14,457
8	0	99 573	74 171,588	1 859 663,622	25,072	24,608	58	50	90 550	10 704,778	155 972,716	14,570	14,106
9	1	99 278	71 278,517	1 785 492,034	25,050	24,585	59	51	89 685	10 219,286	145 267,938	14,215	13,751
10	2	99 248	68 681,391	1 714 213,517	24,959	24,494	60	52	88 721	9 744,046	135 048,652	13,860	13,395
11	3	99 227	66 185,304	1 645 532,126	24,863	24,398	61	53	87 679	9 281,614	125 304,606	13,500	13,036
12	4	99 210	63 782,295	1 579 346,822	24,762	24,297	62	54	86 536	8 829,430	116 022,992	13,140	12,676
13	5	99 193	61 465,810	1 515 564,527	24,657	24,193	63	55	85 283	8 387,105	107 193,562	12,781	12,316
14	6	99 177	59 234,624	1 454 098,717	24,548	24,084	64	56	83 916	7 954,397	98 806,457	12,422	11,957
15	7	99 157	57 082,392	1 394 864,093	24,436	23,972	65	57	82 450	7 532,971	90 852,060	12,061	11,596
16	8	99 137	55 008,002	1 337 781,701	24,320	23,855	66	58	80 880	7 122,374	83 319,089	11,698	11,234
17	9	99 107	53 003,816	1 282 773,699	24,202	23,737	67	59	79 189	6 721,442	76 196,715	11,336	10,872
18	10	99 075	51 071,679	1 229 769,883	24,079	23,615	68	60	77 397	6 331,884	69 475,273	10,972	10,508
19	11	99 032	49 203,978	1 178 698,204	23,955	23,491	69	61	75 488	5 952,492	63 143,390	10,608	10,143
20	12	98 984	47 402,738	1 129 494,226	23,828	23,363	70	62	73 484	5 585,009	57 190,898	10,240	9,776
21	13	98 937	45 667,646	1 082 091,488	23,695	23,231	71	63	71 390	5 229,748	51 605,889	9,868	9,403
22	14	98 889	43 995,728	1 036 423,842	23,557	23,093	72	64	69 139	4 881,790	46 376,141	9,500	9,035
23	15	98 839	42 383,833	992 428,114	23,415	22,951	73	65	66 823	4 547,722	41 494,351	9,124	8,660
24	16	98 786	40 829,994	950 044,281	23,268	22,804	74	66	64 376	4 222,860	36 946,629	8,749	8,285
25	17	98 728	39 331,156	909 214,287	23,117	22,652	75	67	61 823	3 908,768	32 723,769	8,372	7,907
26	18	98 671	37 887,891	869 883,131	22,959	22,495	76	68	59 147	3 604,444	28 815,001	7,994	7,530
27	19	98 612	36 496,431	831 995,241	22,797	22,332	77	69	56 351	3 309,942	25 210,556	7,617	7,152
28	20	98 551	35 155,683	795 498,809	22,628	22,163	78	70	53 458	3 026,505	21 900,614	7,236	6,772
29	21	98 490	33 863,779	760 343,126	22,453	21,989	79	71	50 426	2 751,682	18 874,110	6,859	6,395
30	22	98 424	32 618,146	726 479,347	22,272	21,808	80	72	47 270	2 486,183	16 122,428	6,485	6,020
31	23	98 356	31 417,301	693 861,201	22,085	21,621	81	73	43 965	2 228,819	13 636,245	6,118	5,654
32	24	98 283	30 259,415	662 443,900	21,892	21,428	82	74	40 541	1 980,919	11 407,426	5,759	5,294
33	25	98 207	29 143,096	632 184,484	21,692	21,228	83	75	37 041	1 744,487	9 426,507	5,404	4,939
34	26	98 119	28 064,580	603 041,388	21,488	21,023	84	76	33 428	1 517,444	7 682,020	5,062	4,598
35	27	98 033	27 026,370	574 976,808	21,275	20,810	85	77	29 760	1 302,085	6 164,576	4,734	4,270
36	28	97 938	26 024,387	547 950,437	21,055	20,591	86	78	26 087	1 100,141	4 862,490	4,420	3,955
37	29	97 828	25 055,630	521 926,050	20,831	20,366	87	79	22 467	913,240	3 762,349	4,120	3,655
38	30	97 707	24 119,961	496 870,420	20,600	20,136	88	80	18 965	743,034	2 849,109	3,834	3,370
39	31	97 580	23 217,966	472 750,460	20,361	19,897	89	81	15 612	589,543	2 106,076	3,572	3,108
40	32	97 436	22 345,726	449 532,494	20,117	19,653	90	82	12 506	455,197	1 516,532	3,332	2,867
41	33	97 283	21 504,168	427 186,768	19,865	19,401	91	83	9 733	341,444	1 061,335	3,108	2,644
42	34	97 107	20 689,591	405 682,600	19,608	19,144	92	84	7 350	248,538	719,891	2,897	2,432
43	35	96 933	19 905,962	384 993,010	19,341	18,876	93	85	5 340	174,050	471,353	2,708	2,244
44	36	96 733	19 146,928	365 087,048	19,068	18,603	94	86	3 735	117,333	297,303	2,534	2,069
45	37	96 519	18 414,088	345 940,120	18,787	18,322	95	87	2 494	75,527	179,971	2,383	1,918
46	38	96 289	17 706,218	327 526,032	18,498	18,033	96	88	1 593	46,504	104,444	2,246	1,781
47	39	96 038	17 021,594	309 819,815	18,202	17,737	97	89	968	27,243	57,940	2,127	1,662
48	40	95 751	16 357,453	292 798,221	17,900	17,436	98	90	563	15,259	30,697	2,012	1,547
49	41	95 440	15 714,887	276 440,768	17,591	17,127	99	91	311	8,128	15,438	1,899	1,435
							100	92	161	4,047	7,310	1,806	1,342

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	15 102,396	261 846,269	17,338	16,874
1							51	42	94 784	14 499,116	246 743,873	17,018	16,553
2							52	43	94 369	13 913,814	232 244,757	16,692	16,227
3							53	44	93 907	13 345,352	218 330,943	16,360	15,896
4							54	45	93 395	12 792,815	204 985,591	16,023	15,559
5							55	46	92 827	12 255,472	192 192,776	15,682	15,218
6							56	47	92 190	11 731,420	179 937,304	15,338	14,874
7							57	48	91 487	11 221,175	168 205,884	14,990	14,526
8							58	49	90 703	10 722,836	156 984,709	14,640	14,176
9	0	99 566	71 485,243	1 787 061,826	24,999	24,535	59	50	89 850	10 238,164	146 261,873	14,286	13,822
10	1	99 270	68 696,670	1 715 576,583	24,973	24,509	60	51	88 905	9 764,322	136 023,709	13,931	13,466
11	2	99 240	66 194,002	1 646 879,913	24,880	24,415	61	52	87 873	9 302,120	126 259,387	13,573	13,109
12	3	99 220	63 788,655	1 580 685,911	24,780	24,316	62	53	86 751	8 851,368	116 957,268	13,213	12,749
13	4	99 202	61 471,469	1 516 897,256	24,676	24,212	63	54	85 519	8 410,269	108 105,899	12,854	12,390
14	5	99 183	59 238,649	1 455 425,787	24,569	24,104	64	55	84 178	7 979,232	99 695,630	12,494	12,030
15	6	99 164	57 086,560	1 396 187,139	24,457	23,993	65	56	82 730	7 558,531	91 716,398	12,134	11,670
16	7	99 142	55 010,622	1 339 100,578	24,343	23,878	66	57	81 185	7 149,229	84 157,867	11,772	11,307
17	8	99 114	53 007,637	1 284 089,957	24,225	23,760	67	58	79 521	6 749,612	77 008,639	11,409	10,945
18	9	99 081	51 074,394	1 231 082,320	24,104	23,639	68	59	77 757	6 361,365	70 259,027	11,045	10,580
19	10	99 037	49 206,713	1 180 007,926	23,981	23,516	69	60	75 877	5 983,167	63 897,662	10,680	10,215
20	11	98 992	47 406,384	1 130 801,213	23,853	23,389	70	61	73 897	5 616,383	57 914,496	10,312	9,847
21	12	98 943	45 670,533	1 083 394,829	23,722	23,258	71	62	71 830	5 261,961	52 298,113	9,939	9,474
22	13	98 897	43 999,206	1 037 724,296	23,585	23,121	72	63	69 610	4 915,016	47 036,152	9,570	9,105
23	14	98 848	42 387,743	993 725,091	23,444	22,979	73	64	67 322	4 581,667	42 121,135	9,193	8,729
24	15	98 797	40 834,721	951 337,347	23,297	22,833	74	65	64 896	4 256,974	37 539,469	8,818	8,354
25	16	98 740	39 336,184	910 502,626	23,147	22,682	75	66	62 369	3 943,303	33 282,494	8,440	7,976
26	17	98 684	37 892,804	871 166,442	22,990	22,526	76	67	59 706	3 638,493	29 339,192	8,064	7,599
27	18	98 628	36 502,356	833 273,638	22,828	22,364	77	68	56 932	3 344,065	25 700,698	7,685	7,221
28	19	98 568	35 161,463	796 771,282	22,660	22,196	78	69	54 083	3 061,858	22 356,634	7,302	6,837
29	20	98 506	33 869,323	761 609,819	22,487	22,022	79	70	51 067	2 786,659	19 294,776	6,924	6,460
30	21	98 441	32 623,685	727 740,496	22,307	21,843	80	71	47 932	2 521,009	16 508,117	6,548	6,084
31	22	98 372	31 422,573	695 116,811	22,122	21,657	81	72	44 633	2 262,641	13 987,107	6,182	5,717
32	23	98 299	30 264,365	663 694,238	21,930	21,465	82	73	41 231	2 014,636	11 724,466	5,820	5,355
33	24	98 223	29 147,884	633 429,872	21,732	21,267	83	74	37 727	1 776,811	9 709,830	5,465	5,000
34	25	98 138	28 070,038	604 281,988	21,528	21,063	84	75	34 115	1 548,602	7 933,019	5,123	4,658
35	26	98 050	27 031,188	576 211,950	21,317	20,852	85	76	30 434	1 331,578	6 384,417	4,795	4,330
36	27	97 959	26 029,846	549 180,762	21,098	20,634	86	77	26 727	1 127,123	5 052,839	4,483	4,019
37	28	97 852	25 061,595	523 150,915	20,875	20,410	87	78	23 096	938,782	3 925,717	4,182	3,717
38	29	97 731	24 125,914	498 089,321	20,645	20,181	88	79	19 568	766,653	2 986,935	3,896	3,432
39	30	97 607	23 224,534	473 963,407	20,408	19,943	89	80	16 183	611,091	2 220,282	3,633	3,169
40	31	97 467	22 352,923	450 738,873	20,165	19,700	90	81	13 033	474,369	1 609,190	3,392	2,928
41	32	97 315	21 511,394	428 385,950	19,914	19,450	91	82	10 213	358,284	1 134,821	3,167	2,703
42	33	97 141	20 696,839	406 874,556	19,659	19,194	92	83	7 780	263,057	776,537	2,952	2,488
43	34	96 970	19 913,564	386 177,717	19,393	18,928	93	84	5 704	185,909	513,480	2,762	2,298
44	35	96 778	19 155,873	366 264,152	19,120	18,656	94	85	4 032	126,667	327,571	2,586	2,122
45	36	96 566	18 422,873	347 108,280	18,841	18,377	95	86	2 727	82,568	200,904	2,433	1,969
46	37	96 338	17 715,163	328 685,407	18,554	18,089	96	87	1 769	51,619	118,336	2,292	1,828
47	38	96 091	17 031,031	310 970,245	18,259	17,795	97	88	1 092	30,724	66,716	2,172	1,707
48	39	95 814	16 368,102	293 939,214	17,958	17,494	98	89	646	17,515	35,993	2,055	1,590
49	40	95 500	15 724,843	277 571,111	17,652	17,187	99	90	365	9,530	18,477	1,939	1,474
							100	91	193	4,852	8,947	1,844	1,380

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	40	95 220	15 111,963	262 871,264	17,395	16,930
							51	41	94 853	14 509,751	247 759,300	17,075	16,611
							52	42	94 445	13 925,050	233 249,550	16,750	16,286
							53	43	93 992	13 357,316	219 324,500	16,420	15,955
							54	44	93 483	12 804,927	205 967,184	16,085	15,621
							55	45	92 927	12 268,669	193 162,258	15,744	15,280
							56	46	92 299	11 745,329	180 893,588	15,401	14,937
							57	47	91 606	11 235,774	169 148,260	15,054	14,590
							58	48	90 840	10 739,128	157 912,486	14,704	14,240
							59	49	90 002	10 255,435	147 173,357	14,351	13,886
10	0	99 558	68 895,908	1 717 024,920	24,922	24,458	60	50	89 070	9 782,360	136 917,922	13,996	13,532
11	1	99 262	66 208,727	1 648 129,012	24,893	24,429	61	51	88 056	9 321,476	127 135,563	13,639	13,175
12	2	99 233	63 797,038	1 581 920,285	24,796	24,332	62	52	86 942	8 870,924	117 814,087	13,281	12,817
13	3	99 212	61 477,598	1 518 123,247	24,694	24,230	63	53	85 731	8 431,167	108 943,163	12,921	12,457
14	4	99 192	59 244,102	1 456 645,649	24,587	24,123	64	54	84 411	8 001,269	100 511,997	12,562	12,098
15	5	99 171	57 090,439	1 397 401,546	24,477	24,013	65	55	82 989	7 582,129	92 510,727	12,201	11,737
16	6	99 149	55 014,639	1 340 311,107	24,363	23,898	66	56	81 460	7 173,486	84 928,598	11,839	11,375
17	7	99 119	53 010,161	1 285 296,469	24,246	23,782	67	57	79 821	6 775,061	77 755,112	11,477	11,012
18	8	99 088	51 078,075	1 232 286,307	24,126	23,661	68	58	78 083	6 388,026	70 980,051	11,111	10,647
19	9	99 042	49 209,329	1 181 208,232	24,004	23,539	69	59	76 230	6 011,024	64 592,025	10,746	10,281
20	10	98 997	47 409,019	1 131 998,903	23,877	23,413	70	60	74 277	5 645,325	58 581,001	10,377	9,912
21	11	98 951	45 674,045	1 084 589,884	23,746	23,282	71	61	72 233	5 291,520	52 935,675	10,004	9,539
22	12	98 903	44 001,986	1 038 915,839	23,611	23,146	72	62	70 038	4 945,291	47 644,155	9,634	9,170
23	13	98 856	42 391,094	994 913,852	23,470	23,005	73	63	67 780	4 612,851	42 698,864	9,257	8,792
24	14	98 806	40 838,489	952 522,758	23,324	22,860	74	64	65 381	4 288,749	38 086,013	8,880	8,416
25	15	98 752	39 340,739	911 684,270	23,174	22,710	75	65	62 873	3 975,158	33 797,264	8,502	8,038
26	16	98 697	37 897,648	872 343,531	23,018	22,554	76	66	60 233	3 670,640	29 822,106	8,124	7,660
27	17	98 641	36 507,090	834 445,883	22,857	22,393	77	67	57 470	3 375,654	26 151,466	7,747	7,283
28	18	98 584	35 167,171	797 938,793	22,690	22,225	78	68	54 640	3 093,423	22 775,812	7,363	6,898
29	19	98 522	33 874,891	762 771,622	22,517	22,053	79	69	51 664	2 819,210	19 682,389	6,982	6,517
30	20	98 457	32 629,026	728 896,731	22,339	21,874	80	70	48 541	2 553,055	16 863,179	6,605	6,141
31	21	98 389	31 427,910	696 267,705	22,154	21,690	81	71	45 258	2 294,336	14 310,124	6,237	5,773
32	22	98 316	30 269,444	664 839,795	21,964	21,500	82	72	41 856	2 045,207	12 015,788	5,875	5,411
33	23	98 239	29 152,653	634 570,351	21,767	21,303	83	73	38 369	1 807,054	9 970,581	5,518	5,053
34	24	98 154	28 074,649	605 417,699	21,565	21,100	84	74	34 747	1 577,296	8 163,527	5,176	4,711
35	25	98 069	27 036,445	577 343,049	21,354	20,890	85	75	31 059	1 358,920	6 586,230	4,847	4,382
36	26	97 976	26 034,487	550 306,605	21,138	20,673	86	76	27 332	1 152,653	5 227,311	4,535	4,071
37	27	97 872	25 066,852	524 272,118	20,915	20,451	87	77	23 662	961,806	4 074,658	4,236	3,772
38	28	97 754	24 131,657	499 205,266	20,687	20,222	88	78	20 116	788,095	3 112,852	3,950	3,485
39	29	97 632	23 230,266	475 073,609	20,451	19,986	89	79	16 697	630,517	2 324,757	3,687	3,223
40	30	97 495	22 359,246	451 843,343	20,208	19,744	90	80	13 509	491,707	1 694,241	3,446	2,981
41	31	97 347	21 518,323	429 484,096	19,959	19,495	91	81	10 643	373,374	1 202,533	3,221	2,756
42	32	97 174	20 703,794	407 965,773	19,705	19,240	92	82	8 163	276,031	829,159	3,004	2,539
43	33	97 004	19 920,541	387 261,980	19,440	18,976	93	83	6 037	196,770	553,127	2,811	2,347
44	34	96 815	19 163,189	367 341,439	19,169	18,705	94	84	4 307	135,298	356,358	2,634	2,169
45	35	96 611	18 431,479	348 178,250	18,890	18,426	95	85	2 944	89,137	221,060	2,480	2,016
46	36	96 384	17 723,614	329 746,770	18,605	18,141	96	86	1 934	56,432	131,923	2,338	1,873
47	37	96 139	17 039,635	312 023,156	18,312	17,847	97	87	1 212	34,103	75,492	2,214	1,749
48	38	95 867	16 377,177	294 983,522	18,012	17,547	98	88	729	19,754	41,389	2,095	1,631
49	39	95 562	15 735,081	278 606,344	17,706	17,242	99	89	419	10,939	21,635	1,978	1,513
							100	90	226	5,689	10,696	1,880	1,416

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	39	95 282	15 121,802	263 809,714	17,446	16,981
							51	40	94 914	14 518,943	248 687,911	17,129	16,664
							52	41	94 514	13 935,263	234 168,968	16,804	16,340
							53	42	94 067	13 368,102	220 233,705	16,475	16,010
							54	43	93 567	12 816,406	206 865,603	16,141	15,676
							55	44	93 015	12 280,285	194 049,197	15,802	15,337
							56	45	92 399	11 757,976	181 768,913	15,459	14,995
							57	46	91 715	11 249,095	170 010,936	15,113	14,649
							58	47	90 959	10 753,101	158 761,841	14,764	14,300
							59	48	90 139	10 271,017	148 008,741	14,410	13,946
							60	49	89 220	9 798,862	137 737,723	14,057	13,592
11	0	99 550	66 400,750	1 649 465,431	24,841	24,377	61	50	88 219	9 338,695	127 938,862	13,700	13,235
12	1	99 255	63 811,230	1 583 064,682	24,809	24,344	62	51	87 123	8 889,382	118 600,166	13,342	12,877
13	2	99 225	61 485,677	1 519 253,451	24,709	24,245	63	52	85 920	8 449,793	109 710,784	12,984	12,519
14	3	99 202	59 250,010	1 457 767,774	24,604	24,139	64	53	84 620	8 021,150	101 260,990	12,624	12,160
15	4	99 180	57 095,695	1 398 517,764	24,494	24,030	65	54	83 218	7 603,070	93 239,840	12,263	11,799
16	5	99 156	55 018,377	1 341 422,069	24,381	23,917	66	55	81 714	7 195,883	85 636,770	11,901	11,436
17	6	99 126	53 014,032	1 286 403,692	24,265	23,801	67	56	80 092	6 798,049	78 440,887	11,539	11,074
18	7	99 093	51 080,508	1 233 389,660	24,146	23,682	68	57	78 378	6 412,112	71 642,838	11,173	10,709
19	8	99 050	49 212,876	1 182 309,152	24,024	23,560	69	58	76 550	6 036,217	65 230,726	10,807	10,342
20	9	99 003	47 411,539	1 133 096,277	23,899	23,435	70	59	74 623	5 671,610	59 194,509	10,437	9,973
21	10	98 956	45 676,585	1 085 684,737	23,769	23,305	71	60	72 605	5 318,789	53 522,899	10,063	9,599
22	11	98 911	44 005,371	1 040 008,153	23,634	23,169	72	61	70 432	4 973,071	48 204,110	9,693	9,229
23	12	98 862	42 393,773	996 002,782	23,494	23,030	73	62	68 197	4 641,264	43 231,039	9,314	8,850
24	13	98 814	40 841,717	953 609,009	23,349	22,884	74	63	65 826	4 317,939	38 589,775	8,937	8,473
25	14	98 761	39 344,368	912 767,292	23,199	22,735	75	64	63 342	4 004,829	34 271,836	8,558	8,093
26	15	98 708	37 902,036	873 422,924	23,044	22,580	76	65	60 720	3 700,293	30 267,007	8,180	7,715
27	16	98 653	36 511,757	835 520,888	22,884	22,419	77	66	57 978	3 405,478	26 566,714	7,801	7,337
28	17	98 596	35 171,731	799 009,130	22,717	22,253	78	67	55 156	3 122,644	23 161,236	7,417	6,953
29	18	98 538	33 880,391	763 837,399	22,545	22,081	79	68	52 197	2 848,274	20 038,591	7,035	6,571
30	19	98 473	32 634,390	729 957,009	22,368	21,903	80	69	49 108	2 582,877	17 190,317	6,655	6,191
31	20	98 405	31 433,055	697 322,619	22,184	21,720	81	70	45 833	2 323,500	14 607,439	6,287	5,822
32	21	98 333	30 274,585	665 889,564	21,995	21,531	82	71	42 443	2 073,857	12 283,939	5,923	5,459
33	22	98 256	29 157,545	635 614,980	21,799	21,335	83	72	38 952	1 834,476	10 210,083	5,566	5,101
34	23	98 170	28 079,242	606 457,435	21,598	21,134	84	73	35 338	1 604,143	8 375,607	5,221	4,757
35	24	98 085	27 040,887	578 378,193	21,389	20,925	85	74	31 634	1 384,099	6 771,464	4,892	4,428
36	25	97 995	26 039,549	551 337,307	21,173	20,709	86	75	27 893	1 176,320	5 387,364	4,580	4,115
37	26	97 890	25 071,321	525 297,757	20,952	20,488	87	76	24 198	983,591	4 211,044	4,281	3,817
38	27	97 775	24 136,720	500 226,436	20,725	20,260	88	77	20 609	807,424	3 227,453	3,997	3,533
39	28	97 655	23 235,796	476 089,717	20,489	20,025	89	78	17 164	648,151	2 420,029	3,734	3,269
40	29	97 519	22 364,765	452 853,921	20,249	19,784	90	79	13 939	507,338	1 771,878	3,493	3,028
41	30	97 374	21 524,410	430 489,156	20,000	19,536	91	80	11 032	387,021	1 264,541	3,267	2,803
42	31	97 205	20 710,463	408 964,746	19,747	19,282	92	81	8 507	287,657	877,519	3,051	2,586
43	32	97 037	19 927,235	388 254,283	19,484	19,019	93	82	6 335	206,475	589,862	2,857	2,392
44	33	96 849	19 169,903	368 327,049	19,214	18,749	94	83	4 559	143,202	383,388	2,677	2,213
45	34	96 648	18 438,519	349 157,146	18,936	18,472	95	84	3 145	95,210	240,186	2,523	2,058
46	35	96 429	17 731,894	330 718,627	18,651	18,187	96	85	2 087	60,921	144,976	2,380	1,915
47	36	96 185	17 047,764	312 986,733	18,359	17,895	97	86	1 325	37,282	84,055	2,255	1,790
48	37	95 915	16 385,451	295 938,969	18,061	17,597	98	87	809	21,926	46,772	2,133	1,669
49	38	95 615	15 743,804	279 553,518	17,756	17,292	99	88	472	12,337	24,846	2,014	1,549
							100	89	259	6,530	12,509	1,916	1,451

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	15 130,186	264 668,078	17,493	17,028
1							51	39	94 975	14 528,396	249 537,892	17,176	16,711
2							52	40	94 574	13 944,092	235 009,496	16,854	16,389
3							53	41	94 136	13 377,907	221 065,404	16,525	16,060
4							54	42	93 643	12 826,756	207 687,497	16,192	15,727
5							55	43	93 099	12 291,294	194 860,742	15,854	15,389
6							56	44	92 486	11 769,108	182 569,448	15,513	15,048
7							57	45	91 814	11 261,208	170 800,340	15,167	14,703
8							58	46	91 066	10 765,850	159 539,132	14,819	14,355
9							59	47	90 256	10 284,380	148 773,282	14,466	14,002
10							60	48	89 356	9 813,750	138 488,902	14,112	13,647
11							61	49	88 368	9 354,449	128 675,152	13,756	13,291
12	0	99 543	63 996,300	1 584 298,034	24,756	24,292	62	50	87 284	8 905,804	119 320,703	13,398	12,934
13	1	99 247	61 499,356	1 520 301,734	24,721	24,256	63	51	86 099	8 467,376	110 414,899	13,040	12,576
14	2	99 215	59 257,796	1 458 802,379	24,618	24,153	64	52	84 807	8 038,871	101 947,523	12,682	12,217
15	3	99 190	57 101,388	1 399 544,582	24,510	24,045	65	53	83 425	7 621,962	93 908,651	12,321	11,856
16	4	99 165	55 023,442	1 342 443,194	24,398	23,933	66	54	81 940	7 215,757	86 286,689	11,958	11,494
17	5	99 133	53 017,634	1 287 419,753	24,283	23,818	67	55	80 342	6 819,273	79 070,932	11,595	11,131
18	6	99 100	51 084,238	1 234 402,118	24,164	23,700	68	56	78 644	6 433,869	72 251,659	11,230	10,765
19	7	99 054	49 215,220	1 183 317,880	24,044	23,579	69	57	76 838	6 058,976	65 817,791	10,863	10,398
20	8	99 010	47 414,956	1 134 102,661	23,919	23,454	70	58	74 936	5 695,380	59 758,815	10,493	10,028
21	9	98 962	45 679,012	1 086 687,704	23,790	23,325	71	59	72 943	5 343,553	54 063,434	10,118	9,653
22	10	98 916	44 007,817	1 041 008,692	23,655	23,191	72	60	70 795	4 998,699	48 719,881	9,747	9,282
23	11	98 869	42 397,034	997 000,875	23,516	23,051	73	61	68 581	4 667,337	43 721,182	9,367	8,903
24	12	98 820	40 844,298	954 603,841	23,372	22,907	74	62	66 231	4 344,536	39 053,846	8,989	8,525
25	13	98 769	39 347,478	913 759,543	23,223	22,758	75	63	63 773	4 032,087	34 709,310	8,608	8,144
26	14	98 717	37 905,533	874 412,065	23,068	22,604	76	64	61 173	3 727,912	30 677,223	8,229	7,765
27	15	98 665	36 515,985	836 506,532	22,908	22,444	77	65	58 446	3 432,989	26 949,311	7,850	7,386
28	16	98 609	35 176,228	799 990,547	22,742	22,278	78	66	55 644	3 150,233	23 516,321	7,465	7,001
29	17	98 551	33 884,784	764 814,319	22,571	22,107	79	67	52 690	2 875,180	20 366,088	7,083	6,619
30	18	98 489	32 639,688	730 929,535	22,394	21,929	80	68	49 614	2 609,505	17 490,908	6,703	6,238
31	19	98 421	31 438,222	698 289,847	22,211	21,747	81	69	46 368	2 350,641	14 881,403	6,331	5,866
32	20	98 349	30 279,541	666 851,625	22,023	21,559	82	70	42 982	2 100,218	12 530,762	5,966	5,502
33	21	98 273	29 162,496	636 572,084	21,828	21,364	83	71	39 497	1 860,173	10 430,544	5,607	5,143
34	22	98 187	28 083,954	607 409,588	21,628	21,164	84	72	35 874	1 628,486	8 570,371	5,263	4,798
35	23	98 102	27 045,310	579 325,634	21,421	20,956	85	73	32 173	1 407,658	6 941,885	4,932	4,467
36	24	98 011	26 043,828	552 280,324	21,206	20,741	86	74	28 410	1 198,116	5 534,227	4,619	4,155
37	25	97 909	25 076,196	526 236,496	20,985	20,521	87	75	24 695	1 003,788	4 336,111	4,320	3,855
38	26	97 792	24 141,023	501 160,300	20,760	20,295	88	76	21 076	825,712	3 332,323	4,036	3,571
39	27	97 675	23 240,671	477 019,278	20,525	20,061	89	77	17 585	664,047	2 506,611	3,775	3,310
40	28	97 542	22 370,089	453 778,607	20,285	19,821	90	78	14 329	521,527	1 842,564	3,533	3,069
41	29	97 398	21 529,722	431 408,518	20,038	19,573	91	79	11 383	399,324	1 321,037	3,308	2,844
42	30	97 233	20 716,321	409 878,796	19,785	19,321	92	80	8 818	298,171	921,713	3,091	2,627
43	31	97 068	19 933,654	389 162,475	19,523	19,058	93	81	6 602	215,171	623,542	2,898	2,433
44	32	96 882	19 176,344	369 228,821	19,254	18,790	94	82	4 783	150,264	408,371	2,718	2,253
45	33	96 681	18 444,979	350 052,477	18,978	18,514	95	83	3 328	100,772	258,107	2,561	2,097
46	34	96 466	17 738,666	331 607,498	18,694	18,230	96	84	2 230	65,072	157,334	2,418	1,953
47	35	96 230	17 055,728	313 868,832	18,403	17,938	97	85	1 431	40,249	92,262	2,292	1,828
48	36	95 961	16 393,268	296 813,104	18,106	17,641	98	86	884	23,971	52,014	2,170	1,705
49	37	95 663	15 751,758	280 419,836	17,802	17,338	99	87	524	13,694	28,043	2,048	1,583
							100	88	292	7,364	14,349	1,948	1,484

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	37	95 383	15 137,830	265 452,950	17,536	17,071
1							51	38	95 028	14 536,451	250 315,120	17,220	16,755
2							52	39	94 636	13 953,170	235 778,670	16,898	16,433
3							53	40	94 196	13 386,382	221 825,500	16,571	16,107
4							54	41	93 712	12 836,164	208 439,117	16,238	15,774
5							55	42	93 174	12 301,219	195 602,953	15,901	15,437
6							56	43	92 569	11 779,659	183 301,734	15,561	15,096
7							57	44	91 901	11 271,870	171 522,075	15,217	14,752
8							58	45	91 165	10 777,442	160 250,206	14,869	14,405
9							59	46	90 363	10 296,574	149 472,763	14,517	14,052
10							60	47	89 472	9 826,518	139 176,190	14,163	13,699
11							61	48	88 502	9 368,662	129 349,671	13,807	13,342
12							62	49	87 431	8 920,827	119 981,009	13,450	12,985
13	0	99 535	61 677,720	1 521 440,196	24,668	24,203	63	50	86 258	8 483,018	111 060,182	13,092	12,628
14	1	99 237	59 270,979	1 459 762,476	24,629	24,164	64	51	84 984	8 055,599	102 577,164	12,734	12,269
15	2	99 203	57 108,892	1 400 491,497	24,523	24,059	65	52	83 609	7 638,801	94 521,565	12,374	11,909
16	3	99 175	55 028,928	1 343 382,605	24,412	23,948	66	53	82 144	7 233,686	86 882,764	12,011	11,546
17	4	99 142	53 022,515	1 288 353,677	24,298	23,834	67	54	80 564	6 838,107	79 649,078	11,648	11,183
18	5	99 107	51 087,709	1 235 331,161	24,181	23,716	68	55	78 889	6 453,956	72 810,971	11,282	10,817
19	6	99 062	49 218,813	1 184 243,452	24,061	23,596	69	56	77 099	6 079,535	66 357,015	10,915	10,450
20	7	99 014	47 417,215	1 135 024,639	23,937	23,473	70	57	75 218	5 716,854	60 277,480	10,544	10,079
21	8	98 969	45 682,305	1 087 607,424	23,808	23,344	71	58	73 249	5 365,949	54 560,626	10,168	9,704
22	9	98 922	44 010,156	1 041 925,120	23,675	23,210	72	59	71 124	5 021,973	49 194,677	9,796	9,331
23	10	98 875	42 399,391	997 914,963	23,536	23,072	73	60	68 934	4 691,388	44 172,705	9,416	8,951
24	11	98 828	40 847,439	955 515,573	23,392	22,928	74	61	66 603	4 368,942	39 481,316	9,037	8,572
25	12	98 775	39 349,965	914 668,133	23,244	22,780	75	62	64 166	4 056,923	35 112,375	8,655	8,191
26	13	98 725	37 908,529	875 318,168	23,090	22,626	76	63	61 590	3 753,285	31 055,452	8,274	7,810
27	14	98 674	36 519,354	837 409,639	22,931	22,466	77	64	58 882	3 458,613	27 302,167	7,894	7,430
28	15	98 620	35 180,301	800 890,285	22,765	22,301	78	65	56 093	3 175,682	23 843,553	7,508	7,044
29	16	98 563	33 889,116	765 709,984	22,595	22,130	79	66	53 155	2 900,583	20 667,871	7,125	6,661
30	17	98 502	32 643,920	731 820,868	22,418	21,954	80	67	50 083	2 634,155	17 767,288	6,745	6,281
31	18	98 437	31 443,326	699 176,947	22,236	21,772	81	68	46 847	2 374,875	15 133,133	6,372	5,908
32	19	98 365	30 284,519	667 733,621	22,049	21,584	82	69	43 484	2 124,751	12 758,259	6,005	5,540
33	20	98 289	29 167,270	637 449,103	21,855	21,391	83	70	39 999	1 883,818	10 633,508	5,645	5,180
34	21	98 204	28 088,723	608 281,832	21,656	21,191	84	71	36 377	1 651,297	8 749,689	5,299	4,834
35	22	98 118	27 049,849	580 193,109	21,449	20,985	85	72	32 661	1 429,019	7 098,392	4,967	4,503
36	23	98 027	26 048,088	553 143,261	21,235	20,771	86	73	28 894	1 218,509	5 669,373	4,653	4,188
37	24	97 925	25 080,316	527 095,173	21,016	20,552	87	74	25 152	1 022,387	4 450,864	4,353	3,889
38	25	97 811	24 145,717	502 014,857	20,791	20,327	88	75	21 508	842,667	3 428,477	4,069	3,604
39	26	97 693	23 244,814	477 869,140	20,558	20,094	89	76	17 983	679,088	2 585,810	3,808	3,343
40	27	97 563	22 374,782	454 624,326	20,319	19,854	90	77	14 680	534,318	1 906,722	3,569	3,104
41	28	97 421	21 534,848	432 249,544	20,072	19,608	91	78	11 701	410,492	1 372,404	3,343	2,879
42	29	97 257	20 721,434	410 714,697	19,821	19,356	92	79	9 098	307,649	961,912	3,127	2,662
43	30	97 095	19 939,292	389 993,263	19,559	19,095	93	80	6 843	223,035	654,262	2,933	2,469
44	31	96 913	19 182,521	370 053,970	19,291	18,827	94	81	4 985	156,593	431,227	2,754	2,289
45	32	96 714	18 451,177	350 871,449	19,016	18,552	95	82	3 492	105,743	274,634	2,597	2,133
46	33	96 500	17 744,881	332 420,273	18,733	18,269	96	83	2 360	68,873	168,891	2,452	1,988
47	34	96 267	17 062,242	314 675,391	18,443	17,978	97	84	1 528	42,991	100,018	2,326	1,862
48	35	96 006	16 400,926	297 613,149	18,146	17,682	98	85	954	25,878	57,027	2,204	1,739
49	36	95 709	15 759,273	281 212,223	17,844	17,380	99	86	573	14,971	31,150	2,081	1,616
							100	87	325	8,174	16,179	1,979	1,515

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	15 145,052	266 170,661	17,575	17,110
1							51	37	95 076	14 543,794	251 025,609	17,260	16,796
2							52	38	94 688	13 960,906	236 481,815	16,939	16,474
3							53	39	94 257	13 395,098	222 520,908	16,612	16,148
4							54	40	93 771	12 844,296	209 125,811	16,282	15,817
5							55	41	93 242	12 310,242	196 281,515	15,945	15,480
6							56	42	92 644	11 789,171	183 971,273	15,605	15,141
7							57	43	91 983	11 281,975	172 182,102	15,262	14,797
8							58	44	91 251	10 787,646	160 900,127	14,915	14,451
9							59	45	90 460	10 307,661	150 112,481	14,563	14,099
10							60	46	89 578	9 838,169	139 804,820	14,210	13,746
11							61	47	88 617	9 380,851	129 966,651	13,854	13,390
12							62	48	87 564	8 934,382	120 585,800	13,497	13,032
13							63	49	86 404	8 497,328	111 651,418	13,140	12,675
14	0	99 525	59 442,880	1 460 813,584	24,575	24,111	64	50	85 141	8 070,480	103 154,091	12,782	12,317
15	1	99 225	57 121,597	1 401 370,704	24,533	24,069	65	51	83 783	7 654,696	95 083,610	12,422	11,957
16	2	99 188	55 036,160	1 344 249,107	24,425	23,960	66	52	82 325	7 249,667	87 428,914	12,060	11,595
17	3	99 152	53 027,802	1 289 212,947	24,312	23,848	67	53	80 764	6 855,098	80 179,247	11,696	11,232
18	4	99 116	51 092,412	1 236 185,145	24,195	23,731	68	54	79 107	6 471,781	73 324,149	11,330	10,865
19	5	99 068	49 222,158	1 185 092,733	24,076	23,612	69	55	77 340	6 098,516	66 852,368	10,962	10,498
20	6	99 022	47 420,677	1 135 870,575	23,953	23,489	70	56	75 474	5 736,252	60 753,853	10,591	10,127
21	7	98 973	45 684,481	1 088 449,898	23,825	23,361	71	57	73 525	5 386,181	55 017,600	10,215	9,750
22	8	98 929	44 013,328	1 042 765,417	23,692	23,228	72	58	71 422	5 043,020	49 631,420	9,842	9,377
23	9	98 880	42 401,644	998 752,089	23,555	23,090	73	59	69 255	4 713,232	44 588,400	9,460	8,996
24	10	98 833	40 849,710	956 350,445	23,411	22,947	74	60	66 947	4 391,456	39 875,168	9,080	8,616
25	11	98 783	39 352,992	915 500,734	23,264	22,799	75	61	64 526	4 079,713	35 483,712	8,698	8,233
26	12	98 731	37 910,925	876 147,743	23,111	22,646	76	62	61 969	3 776,404	31 403,999	8,316	7,851
27	13	98 682	36 522,241	838 236,817	22,951	22,487	77	63	59 283	3 482,153	27 627,595	7,934	7,470
28	14	98 629	35 183,547	801 714,577	22,787	22,322	78	64	56 512	3 199,386	24 145,442	7,547	7,082
29	15	98 575	33 893,040	766 531,030	22,616	22,152	79	65	53 585	2 924,015	20 946,056	7,163	6,699
30	16	98 515	32 648,094	732 637,990	22,440	21,976	80	66	50 525	2 657,428	18 022,041	6,782	6,317
31	17	98 450	31 447,403	699 989,896	22,259	21,795	81	67	47 289	2 397,308	15 364,613	6,409	5,945
32	18	98 381	30 289,435	668 542,493	22,072	21,607	82	68	43 933	2 146,656	12 967,305	6,041	5,576
33	19	98 305	29 172,065	638 253,058	21,879	21,414	83	69	40 466	1 905,824	10 820,649	5,678	5,213
34	20	98 220	28 093,322	609 080,993	21,681	21,216	84	70	36 839	1 672,288	8 914,825	5,331	4,866
35	21	98 135	27 054,442	580 987,671	21,475	21,010	85	71	33 118	1 449,036	7 242,538	4,998	4,534
36	22	98 044	26 052,459	553 933,229	21,262	20,798	86	72	29 332	1 237,000	5 793,501	4,684	4,219
37	23	97 941	25 084,419	527 880,770	21,044	20,580	87	73	25 581	1 039,789	4 556,501	4,382	3,918
38	24	97 827	24 149,684	502 796,351	20,820	20,356	88	74	21 907	858,281	3 516,713	4,097	3,633
39	25	97 712	23 249,334	478 646,667	20,588	20,123	89	75	18 352	693,032	2 658,432	3,836	3,372
40	26	97 580	22 378,771	455 397,333	20,350	19,885	90	76	15 013	546,420	1 965,400	3,597	3,132
41	27	97 442	21 539,365	433 018,563	20,104	19,639	91	77	11 988	420,560	1 418,980	3,374	2,910
42	28	97 280	20 726,367	411 479,197	19,853	19,389	92	78	9 353	316,254	998,420	3,157	2,693
43	29	97 119	19 944,214	390 752,830	19,592	19,128	93	79	7 061	230,125	682,166	2,964	2,500
44	30	96 940	19 187,947	370 808,617	19,325	18,861	94	80	5 167	162,317	452,041	2,785	2,321
45	31	96 745	18 457,120	351 620,670	19,051	18,586	95	81	3 639	110,196	289,724	2,629	2,165
46	32	96 532	17 750,844	333 163,550	18,769	18,304	96	82	2 476	72,270	179,528	2,484	2,020
47	33	96 301	17 068,220	315 412,706	18,480	18,015	97	83	1 618	45,502	107,258	2,357	1,893
48	34	96 042	16 407,190	298 344,486	18,184	17,719	98	84	1 019	27,641	61,755	2,234	1,770
49	35	95 754	15 766,635	281 937,295	17,882	17,417	99	85	618	16,162	34,115	2,111	1,646
							100	86	355	8,936	17,953	2,009	1,545

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	15 152,127	266 827,253	17,610	17,145
1							51	36	95 121	14 550,733	251 675,126	17,296	16,832
2							52	37	94 736	13 967,959	237 124,393	16,976	16,512
3							53	38	94 310	13 402,524	223 156,434	16,650	16,186
4							54	39	93 832	12 852,658	209 753,910	16,320	15,855
5							55	40	93 301	12 318,041	196 901,252	15,985	15,520
6							56	41	92 712	11 797,818	184 583,211	15,646	15,181
7							57	42	92 057	11 291,085	172 785,393	15,303	14,838
8							58	43	91 333	10 797,317	161 494,308	14,957	14,492
9							59	44	90 546	10 317,420	150 696,991	14,606	14,142
10							60	45	89 674	9 848,763	140 379,571	14,254	13,789
11							61	46	88 722	9 391,973	130 530,808	13,898	13,434
12							62	47	87 678	8 946,006	121 138,835	13,541	13,077
13							63	48	86 535	8 510,239	112 192,829	13,183	12,719
14							64	49	85 285	8 084,094	103 682,590	12,826	12,361
15	0	99 513	57 287,264	1 402 341,387	24,479	24,015	65	50	83 938	7 668,837	95 598,496	12,466	12,001
16	1	99 210	55 048,404	1 345 054,123	24,434	23,970	66	51	82 497	7 264,753	87 929,659	12,104	11,639
17	2	99 165	53 034,771	1 290 005,719	24,324	23,859	67	52	80 942	6 870,243	80 664,907	11,741	11,277
18	3	99 126	51 097,507	1 236 970,948	24,208	23,744	68	53	79 304	6 487,861	73 794,664	11,374	10,910
19	4	99 077	49 226,689	1 185 873,442	24,090	23,626	69	54	77 553	6 115,359	67 306,802	11,006	10,542
20	5	99 028	47 423,899	1 136 646,752	23,968	23,503	70	55	75 709	5 754,161	61 191,443	10,634	10,170
21	6	98 981	45 687,816	1 089 222,853	23,841	23,376	71	56	73 775	5 404,456	55 437,282	10,258	9,793
22	7	98 933	44 015,425	1 043 535,037	23,708	23,244	72	57	71 692	5 062,035	50 032,826	9,884	9,420
23	8	98 887	42 404,700	999 519,612	23,571	23,107	73	58	69 545	4 732,985	44 970,791	9,502	9,037
24	9	98 839	40 851,882	957 114,912	23,429	22,964	74	59	67 258	4 411,903	40 237,806	9,120	8,656
25	10	98 788	39 355,179	916 263,030	23,282	22,817	75	60	64 859	4 100,737	35 825,903	8,736	8,272
26	11	98 739	37 913,841	876 907,850	23,129	22,665	76	61	62 317	3 797,618	31 725,167	8,354	7,890
27	12	98 688	36 524,549	838 994,009	22,971	22,506	77	62	59 648	3 503,602	27 927,549	7,971	7,507
28	13	98 637	35 186,328	802 469,461	22,806	22,342	78	63	56 896	3 221,162	24 423,946	7,582	7,118
29	14	98 584	33 896,167	767 283,133	22,636	22,172	79	64	53 985	2 945,840	21 202,785	7,198	6,733
30	15	98 526	32 651,874	733 386,966	22,461	21,996	80	65	50 934	2 678,896	18 256,945	6,815	6,351
31	16	98 463	31 451,424	700 735,092	22,280	21,815	81	66	47 707	2 418,489	15 578,049	6,441	5,977
32	17	98 394	30 293,363	669 283,668	22,093	21,629	82	67	44 348	2 166,934	13 159,560	6,073	5,608
33	18	98 321	29 176,801	638 990,305	21,901	21,436	83	68	40 884	1 925,471	10 992,626	5,709	5,245
34	19	98 236	28 097,940	609 813,504	21,703	21,239	84	69	37 270	1 691,822	9 067,155	5,359	4,895
35	20	98 151	27 058,871	581 715,564	21,498	21,034	85	70	33 539	1 467,456	7 375,334	5,026	4,562
36	21	98 061	26 056,883	554 656,692	21,286	20,822	86	71	29 743	1 254,328	5 907,878	4,710	4,246
37	22	97 957	25 088,628	528 599,809	21,069	20,605	87	72	25 969	1 055,567	4 653,550	4,409	3,944
38	23	97 843	24 153,634	503 511,181	20,846	20,382	88	73	22 280	872,889	3 597,983	4,122	3,657
39	24	97 728	23 253,154	479 357,547	20,615	20,150	89	74	18 693	705,873	2 725,093	3,861	3,396
40	25	97 599	22 383,122	456 104,393	20,377	19,913	90	75	15 321	557,640	2 019,220	3,621	3,157
41	26	97 459	21 543,205	433 721,271	20,133	19,668	91	76	12 259	430,086	1 461,580	3,398	2,934
42	27	97 300	20 730,715	412 178,066	19,882	19,418	92	77	9 582	324,010	1 031,494	3,184	2,719
43	28	97 142	19 948,961	391 447,351	19,622	19,158	93	78	7 258	236,561	707,484	2,991	2,526
44	29	96 964	19 192,683	371 498,389	19,356	18,892	94	79	5 331	167,476	470,923	2,812	2,347
45	30	96 772	18 462,341	352 305,706	19,082	18,618	95	80	3 772	114,224	303,446	2,657	2,192
46	31	96 563	17 756,561	333 843,365	18,801	18,337	96	81	2 581	75,314	189,222	2,512	2,048
47	32	96 333	17 073,955	316 086,804	18,513	18,048	97	82	1 697	47,747	113,908	2,386	1,921
48	33	96 076	16 412,939	299 012,848	18,218	17,754	98	83	1 079	29,256	66,162	2,262	1,797
49	34	95 790	15 772,657	282 599,910	17,917	17,453	99	84	661	17,263	36,906	2,138	1,673
							100	85	383	9,647	19,643	2,036	1,572

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	15 157,914	267 427,101	17,643	17,178
1							51	35	95 166	14 557,530	252 269,187	17,329	16,865
2							52	36	94 781	13 974,623	237 711,657	17,010	16,546
3							53	37	94 357	13 409,295	223 737,034	16,685	16,221
4							54	38	93 884	12 859,784	210 327,739	16,355	15,891
5							55	39	93 362	12 326,061	197 467,955	16,020	15,556
6							56	40	92 771	11 805,292	185 141,894	15,683	15,219
7							57	41	92 125	11 299,367	173 336,602	15,340	14,876
8							58	42	91 406	10 806,036	162 037,235	14,995	14,531
9							59	43	90 627	10 326,669	151 231,199	14,645	14,180
10							60	44	89 759	9 858,087	140 904,530	14,293	13,829
11							61	45	88 818	9 402,087	131 046,443	13,938	13,474
12							62	46	87 782	8 956,612	121 644,356	13,582	13,117
13							63	47	86 648	8 521,311	112 687,744	13,224	12,760
14							64	48	85 414	8 096,377	104 166,433	12,866	12,401
15							65	49	84 079	7 681,773	96 070,055	12,506	12,042
16	0	99 497	55 208,058	1 345 950,749	24,380	23,915	66	50	82 649	7 278,173	88 388,282	12,144	11,680
17	1	99 187	53 046,569	1 290 742,690	24,332	23,868	67	51	81 111	6 884,539	81 110,109	11,781	11,317
18	2	99 139	51 104,222	1 237 696,121	24,219	23,755	68	52	79 479	6 502,195	74 225,571	11,415	10,951
19	3	99 087	49 231,598	1 186 591,899	24,102	23,638	69	53	77 746	6 130,554	67 723,376	11,047	10,582
20	4	99 037	47 428,265	1 137 360,302	23,981	23,516	70	54	75 918	5 770,054	61 592,821	10,675	10,210
21	5	98 987	45 690,921	1 089 932,037	23,854	23,390	71	55	74 005	5 421,329	55 822,768	10,297	9,832
22	6	98 941	44 018,639	1 044 241,116	23,723	23,258	72	56	71 935	5 079,211	50 401,438	9,923	9,459
23	7	98 892	42 406,720	1 000 222,477	23,586	23,122	73	57	69 807	4 750,831	45 322,228	9,540	9,075
24	8	98 846	40 854,826	957 815,757	23,444	22,980	74	58	67 540	4 430,393	40 571,397	9,158	8,693
25	9	98 793	39 357,271	916 960,931	23,298	22,834	75	59	65 161	4 119,830	36 141,004	8,772	8,308
26	10	98 744	37 915,949	877 603,659	23,146	22,682	76	60	62 638	3 817,188	32 021,174	8,389	7,924
27	11	98 695	36 527,358	839 687,710	22,988	22,523	77	61	59 983	3 523,284	28 203,986	8,005	7,541
28	12	98 643	35 188,551	803 160,353	22,824	22,360	78	62	57 247	3 241,003	24 680,702	7,615	7,151
29	13	98 592	33 898,846	767 971,801	22,655	22,190	79	63	54 352	2 965,890	21 439,699	7,229	6,764
30	14	98 535	32 654,887	734 072,955	22,480	22,015	80	64	51 314	2 698,892	18 473,810	6,845	6,381
31	15	98 474	31 455,066	701 418,068	22,299	21,835	81	65	48 092	2 438,027	15 774,918	6,470	6,006
32	16	98 406	30 297,236	669 963,003	22,113	21,649	82	66	44 739	2 186,079	13 336,892	6,101	5,636
33	17	98 333	29 180,585	639 665,767	21,921	21,457	83	67	41 270	1 943,660	11 150,813	5,737	5,273
34	18	98 252	28 102,502	610 485,182	21,724	21,259	84	68	37 654	1 709,263	9 207,153	5,387	4,922
35	19	98 167	27 063,320	582 382,680	21,519	21,055	85	69	33 931	1 484,597	7 497,890	5,050	4,586
36	20	98 077	26 061,149	555 319,361	21,308	20,844	86	70	30 121	1 270,272	6 013,293	4,734	4,269
37	21	97 974	25 092,889	529 258,212	21,092	20,628	87	71	26 333	1 070,354	4 743,021	4,431	3,967
38	22	97 860	24 157,688	504 165,323	20,870	20,405	88	72	22 618	886,135	3 672,667	4,145	3,680
39	23	97 744	23 256,957	480 007,635	20,639	20,175	89	73	19 011	717,888	2 786,532	3,882	3,417
40	24	97 615	22 386,800	456 750,678	20,403	19,938	90	74	15 605	567,973	2 068,644	3,642	3,178
41	25	97 478	21 547,394	434 363,878	20,159	19,694	91	75	12 511	438,917	1 500,671	3,419	2,955
42	26	97 318	20 734,411	412 816,484	19,910	19,445	92	76	9 799	331,349	1 061,754	3,204	2,740
43	27	97 163	19 953,146	392 082,073	19,650	19,186	93	77	7 436	242,363	730,405	3,014	2,549
44	28	96 987	19 197,252	372 128,927	19,384	18,920	94	78	5 480	172,160	488,042	2,835	2,370
45	29	96 796	18 466,898	352 931,675	19,112	18,647	95	79	3 892	117,855	315,882	2,680	2,216
46	30	96 591	17 761,584	334 464,777	18,831	18,366	96	80	2 675	78,067	198,027	2,537	2,072
47	31	96 364	17 079,455	316 703,193	18,543	18,079	97	81	1 769	49,758	119,960	2,411	1,946
48	32	96 108	16 418,454	299 623,738	18,249	17,785	98	82	1 132	30,698	70,203	2,287	1,822
49	33	95 824	15 778,183	283 205,284	17,949	17,485	99	83	699	18,272	39,504	2,162	1,698
							100	84	409	10,305	21,233	2,061	1,596

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	15 163,225	267 974,947	17,673	17,208
1							51	34	95 202	14 563,090	252 811,723	17,360	16,895
2							52	35	94 825	13 981,151	238 248,632	17,041	16,576
3							53	36	94 402	13 415,692	224 267,481	16,717	16,252
4							54	37	93 931	12 866,281	210 851,789	16,388	15,924
5							55	38	93 414	12 332,894	197 985,508	16,053	15,589
6							56	39	92 831	11 812,979	185 652,614	15,716	15,252
7							57	40	92 183	11 306,526	173 839,635	15,375	14,911
8							58	41	91 473	10 813,962	162 533,110	15,030	14,566
9							59	42	90 700	10 335,008	151 719,148	14,680	14,216
10							60	43	89 840	9 866,925	141 384,140	14,329	13,865
11							61	44	88 902	9 410,988	131 517,215	13,975	13,510
12							62	45	87 877	8 966,257	122 106,227	13,618	13,154
13							63	46	86 750	8 531,414	113 139,970	13,262	12,797
14							64	47	85 525	8 106,911	104 608,556	12,904	12,439
15							65	48	84 207	7 693,445	96 501,645	12,543	12,079
16							66	49	82 788	7 290,451	88 808,200	12,181	11,717
17	0	99 475	53 200,418	1 291 571,102	24,277	23,813	67	50	81 260	6 897,256	81 517,749	11,819	11,354
18	1	99 161	51 115,591	1 238 370,684	24,227	23,762	68	51	79 644	6 515,725	74 620,493	11,452	10,988
19	2	99 100	49 238,068	1 187 255,093	24,113	23,648	69	52	77 918	6 144,098	68 104,768	11,085	10,620
20	3	99 047	47 432,994	1 138 017,026	23,992	23,528	70	53	76 107	5 784,391	61 960,670	10,712	10,247
21	4	98 997	45 695,127	1 090 584,032	23,867	23,402	71	54	74 209	5 436,303	56 176,279	10,334	9,869
22	5	98 947	44 021,630	1 044 888,904	23,736	23,271	72	55	72 160	5 095,068	50 739,977	9,959	9,494
23	6	98 899	42 409,817	1 000 867,275	23,600	23,135	73	56	70 044	4 766,951	45 644,908	9,575	9,111
24	7	98 850	40 856,772	958 457,458	23,459	22,995	74	57	67 795	4 447,098	40 877,958	9,192	8,728
25	8	98 800	39 360,108	917 600,686	23,313	22,849	75	58	65 434	4 137,096	36 430,860	8,806	8,341
26	9	98 750	37 917,964	878 240,578	23,162	22,697	76	59	62 930	3 834,961	32 293,764	8,421	7,956
27	10	98 701	36 529,389	840 322,614	23,004	22,540	77	60	60 293	3 541,440	28 458,803	8,036	7,572
28	11	98 651	35 191,258	803 793,225	22,841	22,376	78	61	57 568	3 259,209	24 917,362	7,645	7,181
29	12	98 598	33 900,989	768 601,967	22,672	22,208	79	62	54 687	2 984,159	21 658,153	7,258	6,793
30	13	98 543	32 657,468	734 700,978	22,497	22,033	80	63	51 663	2 717,261	18 673,994	6,872	6,408
31	14	98 483	31 457,968	702 043,511	22,317	21,852	81	64	48 451	2 456,224	15 956,734	6,496	6,032
32	15	98 418	30 300,744	670 585,543	22,131	21,667	82	65	45 101	2 203,739	13 500,509	6,126	5,662
33	16	98 346	29 184,316	640 284,799	21,939	21,475	83	66	41 634	1 960,832	11 296,771	5,761	5,297
34	17	98 265	28 106,146	611 100,483	21,743	21,278	84	67	38 010	1 725,409	9 335,939	5,411	4,946
35	18	98 183	27 067,713	582 994,338	21,538	21,074	85	68	34 281	1 499,902	7 610,529	5,074	4,610
36	19	98 093	26 065,433	555 926,624	21,328	20,864	86	69	30 473	1 285,110	6 110,627	4,755	4,291
37	20	97 990	25 096,997	529 861,191	21,113	20,648	87	70	26 667	1 083,959	4 825,517	4,452	3,987
38	21	97 876	24 161,790	504 764,194	20,891	20,427	88	71	22 935	898,548	3 741,557	4,164	3,700
39	22	97 760	23 260,860	480 602,404	20,661	20,197	89	72	19 299	728,782	2 843,009	3,901	3,437
40	23	97 631	22 390,462	457 341,544	20,426	19,961	90	73	15 870	577,640	2 114,227	3,660	3,196
41	24	97 494	21 550,934	434 951,082	20,182	19,718	91	74	12 743	447,050	1 536,587	3,437	2,973
42	25	97 337	20 738,443	413 400,148	19,934	19,470	92	75	10 000	338,153	1 089,538	3,222	2,758
43	26	97 180	19 956,703	392 661,705	19,676	19,211	93	76	7 605	247,853	751,385	3,032	2,567
44	27	97 008	19 201,280	372 705,002	19,410	18,946	94	77	5 615	176,383	503,532	2,855	2,390
45	28	96 819	18 471,294	353 503,722	19,138	18,674	95	78	4 001	121,151	327,150	2,700	2,236
46	29	96 614	17 765,968	335 032,428	18,858	18,394	96	79	2 760	80,548	205,999	2,557	2,093
47	30	96 391	17 084,286	317 266,460	18,571	18,106	97	80	1 834	51,576	125,450	2,432	1,968
48	31	96 139	16 423,742	300 182,174	18,277	17,813	98	81	1 180	31,991	73,874	2,309	1,845
49	32	95 856	15 783,485	283 758,432	17,978	17,514	99	82	734	19,173	41,883	2,184	1,720
							100	83	433	10,907	22,710	2,082	1,618

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	15 168,320	268 475,362	17,700	17,235
1							51	33	95 236	14 568,193	253 307,042	17,388	16,923
2							52	34	94 862	13 986,491	238 738,849	17,069	16,605
3							53	35	94 446	13 421,960	224 752,358	16,745	16,281
4							54	36	93 976	12 872,419	211 330,399	16,417	15,953
5							55	37	93 461	12 339,125	198 457,980	16,084	15,619
6							56	38	92 883	11 819,528	186 118,855	15,747	15,282
7							57	39	92 243	11 313,887	174 299,327	15,406	14,941
8							58	40	91 531	10 820,813	162 985,440	15,062	14,598
9							59	41	90 767	10 342,589	152 164,627	14,712	14,248
10							60	42	89 912	9 874,892	141 822,039	14,362	13,897
11							61	43	88 981	9 419,425	131 947,147	14,008	13,544
12							62	44	87 960	8 974,745	122 527,722	13,653	13,188
13							63	45	86 844	8 540,601	113 552,976	13,296	12,831
14							64	46	85 627	8 116,523	105 012,375	12,938	12,474
15							65	47	84 316	7 703,455	96 895,853	12,578	12,114
16							66	48	82 914	7 301,528	89 192,398	12,216	11,751
17							67	49	81 398	6 908,892	81 890,870	11,853	11,389
18	0	99 448	51 263,839	1 239 136,257	24,172	23,707	68	50	79 791	6 527,761	74 981,979	11,487	11,022
19	1	99 122	49 249,021	1 187 872,418	24,120	23,655	69	51	78 080	6 156,883	68 454,217	11,118	10,654
20	2	99 060	47 439,228	1 138 623,397	24,002	23,537	70	52	76 275	5 797,170	62 297,334	10,746	10,282
21	3	99 006	45 699,683	1 091 184,169	23,877	23,413	71	53	74 394	5 449,810	56 500,164	10,367	9,903
22	4	98 957	44 025,682	1 045 484,486	23,747	23,283	72	54	72 359	5 109,140	51 050,354	9,992	9,528
23	5	98 906	42 412,698	1 001 458,803	23,612	23,148	73	55	70 263	4 781,833	45 941,213	9,607	9,143
24	6	98 858	40 859,755	959 046,105	23,472	23,007	74	56	68 025	4 462,187	41 159,380	9,224	8,760
25	7	98 805	39 361,983	918 186,350	23,327	22,862	75	57	65 681	4 152,695	36 697,193	8,837	8,373
26	8	98 757	37 920,697	878 824,367	23,175	22,711	76	58	63 194	3 851,034	32 544,498	8,451	7,986
27	9	98 706	36 531,330	840 903,670	23,019	22,554	77	59	60 573	3 557,929	28 693,464	8,065	7,600
28	10	98 657	35 193,214	804 372,339	22,856	22,391	78	60	57 865	3 276,005	25 135,535	7,673	7,208
29	11	98 605	33 903,596	769 179,125	22,687	22,223	79	61	54 994	3 000,922	21 859,530	7,284	6,820
30	12	98 549	32 659,532	735 275,529	22,513	22,049	80	62	51 981	2 733,998	18 858,608	6,898	6,433
31	13	98 491	31 460,454	702 615,997	22,333	21,869	81	63	48 781	2 472,942	16 124,610	6,520	6,056
32	14	98 427	30 303,539	671 155,543	22,148	21,683	82	64	45 437	2 220,188	13 651,668	6,149	5,684
33	15	98 357	29 187,695	640 852,004	21,956	21,492	83	65	41 971	1 976,673	11 431,480	5,783	5,319
34	16	98 277	28 109,739	611 664,309	21,760	21,295	84	66	38 345	1 740,654	9 454,808	5,432	4,967
35	17	98 195	27 071,223	583 554,570	21,556	21,092	85	67	34 605	1 514,071	7 714,154	5,095	4,631
36	18	98 109	26 069,665	556 483,346	21,346	20,882	86	68	30 787	1 298,359	6 200,083	4,775	4,311
37	19	98 006	25 101,123	530 413,681	21,131	20,667	87	69	26 979	1 096,621	4 901,725	4,470	4,005
38	20	97 892	24 165,746	505 312,559	20,910	20,446	88	70	23 226	909,970	3 805,103	4,182	3,717
39	21	97 777	23 264,810	481 146,813	20,681	20,217	89	71	19 570	738,991	2 895,134	3,918	3,453
40	22	97 647	22 394,219	457 882,003	20,446	19,982	90	72	16 111	586,406	2 156,143	3,677	3,212
41	23	97 510	21 554,460	435 487,784	20,204	19,740	91	73	12 960	454,659	1 569,737	3,453	2,988
42	24	97 353	20 741,850	413 933,324	19,956	19,492	92	74	10 186	344,418	1 115,079	3,238	2,773
43	25	97 199	19 960,584	393 191,474	19,698	19,234	93	75	7 761	252,942	770,660	3,047	2,582
44	26	97 025	19 204,703	373 230,890	19,434	18,970	94	76	5 742	180,378	517,718	2,870	2,406
45	27	96 840	18 475,169	354 026,187	19,162	18,698	95	77	4 099	124,122	337,340	2,718	2,253
46	28	96 637	17 770,197	335 551,019	18,883	18,418	96	78	2 837	82,801	213,218	2,575	2,111
47	29	96 415	17 088,503	317 780,821	18,596	18,132	97	79	1 892	53,216	130,417	2,451	1,986
48	30	96 167	16 428,388	300 692,318	18,303	17,839	98	80	1 223	33,161	77,201	2,328	1,864
49	31	95 887	15 788,569	284 263,930	18,004	17,540	99	81	765	19,980	44,041	2,204	1,740
							100	82	454	11,444	24,060	2,102	1,638

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	15 173,206	268 932,516	17,724	17,260
1							51	32	95 268	14 573,088	253 759,311	17,413	16,948
2							52	33	94 895	13 991,391	239 186,223	17,095	16,631
3							53	34	94 482	13 427,086	225 194,831	16,772	16,307
4							54	35	94 020	12 878,432	211 767,745	16,444	15,979
5							55	36	93 506	12 345,011	198 889,313	16,111	15,646
6							56	37	92 929	11 825,499	186 544,302	15,775	15,310
7							57	38	92 294	11 320,159	174 718,803	15,434	14,970
8							58	39	91 591	10 827,858	163 398,643	15,091	14,626
9							59	40	90 824	10 349,141	152 570,785	14,742	14,278
10							60	41	89 978	9 882,135	142 221,644	14,392	13,927
11							61	42	89 053	9 427,031	132 339,509	14,038	13,574
12							62	43	88 039	8 982,791	122 912,478	13,683	13,219
13							63	44	86 926	8 548,687	113 929,687	13,327	12,863
14							64	45	85 719	8 125,263	105 381,000	12,970	12,505
15							65	46	84 416	7 712,588	97 255,737	12,610	12,146
16							66	47	83 022	7 311,027	89 543,149	12,248	11,783
17							67	48	81 521	6 919,389	82 232,122	11,884	11,420
18							68	49	79 926	6 538,773	75 312,733	11,518	11,053
19	0	99 410	49 391,856	1 188 580,085	24,064	23,600	69	50	78 224	6 168,257	68 773,960	11,150	10,685
20	1	99 082	47 449,781	1 139 188,229	24,008	23,544	70	51	76 434	5 809,233	62 605,703	10,777	10,313
21	2	99 019	45 705,689	1 091 738,448	23,886	23,422	71	52	74 558	5 461,851	56 796,470	10,399	9,934
22	3	98 966	44 030,072	1 046 032,759	23,757	23,293	72	53	72 539	5 121,835	51 334,619	10,023	9,558
23	4	98 915	42 416,603	1 002 002,686	23,623	23,158	73	54	70 457	4 795,040	46 212,784	9,638	9,173
24	5	98 864	40 862,532	959 586,083	23,483	23,019	74	55	68 237	4 476,118	41 417,744	9,253	8,789
25	6	98 812	39 364,857	918 723,552	23,339	22,874	75	56	65 904	4 166,786	36 941,626	8,866	8,401
26	7	98 762	37 922,503	879 358,695	23,188	22,724	76	57	63 432	3 865,554	32 774,840	8,479	8,014
27	8	98 713	36 533,963	841 436,191	23,032	22,567	77	58	60 827	3 572,841	28 909,286	8,091	7,627
28	9	98 662	35 195,085	804 902,228	22,870	22,405	78	59	58 135	3 291,258	25 336,446	7,698	7,234
29	10	98 611	33 905,481	769 707,143	22,702	22,237	79	60	55 277	3 016,387	22 045,187	7,308	6,844
30	11	98 557	32 662,044	735 801,662	22,528	22,063	80	61	52 273	2 749,356	19 028,801	6,921	6,457
31	12	98 497	31 462,443	703 139,619	22,349	21,884	81	62	49 081	2 488,174	16 279,444	6,543	6,078
32	13	98 434	30 305,935	671 677,176	22,163	21,699	82	63	45 747	2 235,299	13 791,270	6,170	5,705
33	14	98 367	29 190,388	641 371,241	21,972	21,508	83	64	42 284	1 991,427	11 555,972	5,803	5,338
34	15	98 288	28 112,994	612 180,854	21,776	21,311	84	65	38 655	1 754,715	9 564,545	5,451	4,986
35	16	98 208	27 074,684	584 067,860	21,572	21,108	85	66	34 910	1 527,448	7 809,829	5,113	4,649
36	17	98 121	26 073,045	556 993,175	21,363	20,898	86	67	31 078	1 310,623	6 282,382	4,793	4,329
37	18	98 022	25 105,198	530 920,130	21,148	20,683	87	68	27 257	1 107,927	4 971,758	4,487	4,023
38	19	97 908	24 169,718	505 814,932	20,928	20,463	88	69	23 498	920,599	3 863,832	4,197	3,733
39	20	97 793	23 268,619	481 645,214	20,699	20,235	89	70	19 818	748,384	2 943,232	3,933	3,468
40	21	97 664	22 398,022	458 376,595	20,465	20,001	90	71	16 337	594,620	2 194,848	3,691	3,227
41	22	97 526	21 558,077	435 978,573	20,223	19,759	91	72	13 157	461,558	1 600,228	3,467	3,003
42	23	97 369	20 745,243	414 420,496	19,977	19,512	92	73	10 359	350,281	1 138,670	3,251	2,786
43	24	97 215	19 963,864	393 675,253	19,719	19,255	93	74	7 905	257,629	788,390	3,060	2,596
44	25	97 044	19 208,437	373 711,389	19,456	18,991	94	75	5 860	184,082	530,761	2,883	2,419
45	26	96 857	18 478,462	354 502,952	19,185	18,720	95	76	4 192	126,934	346,679	2,731	2,267
46	27	96 658	17 773,925	336 024,490	18,905	18,441	96	77	2 907	84,832	219,745	2,590	2,126
47	28	96 438	17 092,571	318 250,564	18,619	18,155	97	78	1 945	54,704	134,913	2,466	2,002
48	29	96 190	16 432,443	301 157,994	18,327	17,863	98	79	1 262	34,215	80,209	2,344	1,880
49	30	95 914	15 793,035	284 725,551	18,029	17,564	99	80	793	20,711	45,995	2,221	1,756
							100	81	474	11,926	25,284	2,120	1,656

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	15 177,498	269 349,831	17,747	17,282
1							51	31	95 298	14 577,782	254 172,333	17,436	16,971
2							52	32	94 927	13 996,093	239 594,551	17,119	16,654
3							53	33	94 516	13 431,790	225 598,459	16,796	16,331
4							54	34	94 056	12 883,351	212 166,668	16,468	16,004
5							55	35	93 549	12 350,779	199 283,317	16,135	15,671
6							56	36	92 974	11 831,141	186 932,539	15,800	15,336
7							57	37	92 341	11 325,878	175 101,398	15,460	14,996
8							58	38	91 642	10 833,861	163 775,520	15,117	14,653
9							59	39	90 884	10 355,879	152 941,659	14,769	14,304
10							60	40	90 035	9 888,396	142 585,780	14,420	13,955
11							61	41	89 118	9 433,946	132 697,384	14,066	13,602
12							62	42	88 110	8 990,045	123 263,438	13,711	13,247
13							63	43	87 004	8 556,350	114 273,393	13,355	12,891
14							64	44	85 800	8 132,955	105 717,043	12,999	12,534
15							65	45	84 507	7 720,893	97 584,087	12,639	12,175
16							66	46	83 120	7 319,695	89 863,194	12,277	11,812
17							67	47	81 627	6 928,392	82 543,499	11,914	11,449
18							68	48	80 047	6 548,708	75 615,107	11,547	11,082
19							69	49	78 356	6 178,662	69 066,399	11,178	10,714
20	0	99 370	47 587,398	1 139 842,542	23,953	23,488	70	50	76 575	5 819,964	62 887,737	10,806	10,341
21	1	99 041	45 715,857	1 092 255,144	23,892	23,428	71	51	74 713	5 473,216	57 067,773	10,427	9,962
22	2	98 979	44 035,859	1 046 539,287	23,766	23,301	72	52	72 699	5 133,151	51 594,557	10,051	9,587
23	3	98 925	42 420,832	1 002 503,428	23,632	23,168	73	53	70 632	4 806,955	46 461,406	9,665	9,201
24	4	98 873	40 866,294	960 082,596	23,493	23,029	74	54	68 426	4 488,481	41 654,452	9,280	8,816
25	5	98 819	39 367,532	919 216,302	23,350	22,885	75	55	66 109	4 179,795	37 165,971	8,892	8,427
26	6	98 769	37 925,272	879 848,771	23,200	22,735	76	56	63 647	3 878,670	32 986,176	8,505	8,040
27	7	98 718	36 535,703	841 923,498	23,044	22,579	77	57	61 057	3 586,312	29 107,506	8,116	7,652
28	8	98 669	35 197,622	805 387,795	22,882	22,417	78	58	58 378	3 305,052	25 521,194	7,722	7,257
29	9	98 616	33 907,283	770 190,173	22,715	22,250	79	59	55 535	3 030,431	22 216,142	7,331	6,867
30	10	98 562	32 663,860	736 282,890	22,541	22,077	80	60	52 543	2 763,524	19 185,711	6,942	6,478
31	11	98 505	31 464,862	703 619,030	22,362	21,898	81	61	49 357	2 502,152	16 422,187	6,563	6,099
32	12	98 441	30 307,850	672 154,168	22,178	21,713	82	62	46 029	2 249,067	13 920,035	6,189	5,725
33	13	98 374	29 192,695	641 846,318	21,987	21,522	83	63	42 572	2 004,981	11 670,968	5,821	5,357
34	14	98 298	28 115,588	612 653,623	21,791	21,326	84	64	38 944	1 767,813	9 665,987	5,468	5,003
35	15	98 219	27 077,819	584 538,035	21,587	21,123	85	65	35 192	1 539,787	7 898,174	5,129	4,665
36	16	98 134	26 076,379	557 460,216	21,378	20,914	86	66	31 353	1 322,203	6 358,387	4,809	4,345
37	17	98 035	25 108,453	531 383,837	21,164	20,699	87	67	27 514	1 118,392	5 036,184	4,503	4,039
38	18	97 924	24 173,642	506 275,384	20,943	20,479	88	68	23 740	930,090	3 917,792	4,212	3,748
39	19	97 809	23 272,444	482 101,742	20,716	20,251	89	69	20 050	757,126	2 987,702	3,946	3,482
40	20	97 680	22 401,689	458 829,298	20,482	20,017	90	70	16 545	602,178	2 230,576	3,704	3,240
41	21	97 543	21 561,738	436 427,609	20,241	19,776	91	71	13 341	468,024	1 628,397	3,479	3,015
42	22	97 385	20 748,724	414 865,871	19,995	19,530	92	72	10 516	355,596	1 160,374	3,263	2,799
43	23	97 231	19 967,129	394 117,146	19,738	19,274	93	73	8 039	262,014	804,778	3,072	2,607
44	24	97 060	19 211,593	374 150,017	19,475	19,011	94	74	5 969	187,493	542,764	2,895	2,430
45	25	96 876	18 482,056	354 938,424	19,204	18,740	95	75	4 278	129,540	355,271	2,743	2,278
46	26	96 675	17 777,094	336 456,369	18,926	18,462	96	76	2 973	86,753	225,731	2,602	2,138
47	27	96 458	17 096,157	318 679,275	18,640	18,176	97	77	1 992	56,046	138,978	2,480	2,015
48	28	96 213	16 436,355	301 583,118	18,349	17,884	98	78	1 297	35,172	82,932	2,358	1,893
49	29	95 938	15 796,933	285 146,763	18,051	17,586	99	79	818	21,369	47,760	2,235	1,771
							100	80	491	12,362	26,392	2,135	1,670

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	15 181,244	269 730,456	17,767	17,303
1							51	30	95 325	14 581,905	254 549,212	17,457	16,992
2							52	31	94 957	14 000,601	239 967,307	17,140	16,675
3							53	32	94 547	13 436,303	225 966,706	16,818	16,353
4							54	33	94 089	12 887,865	212 530,402	16,491	16,026
5							55	34	93 585	12 355,496	199 642,538	16,158	15,694
6							56	35	93 017	11 836,668	187 287,042	15,823	15,358
7							57	36	92 385	11 331,282	175 450,374	15,484	15,019
8							58	37	91 688	10 839,334	164 119,092	15,141	14,677
9							59	38	90 934	10 361,620	153 279,758	14,793	14,329
10							60	39	90 094	9 894,834	142 918,138	14,444	13,979
11							61	40	89 175	9 439,922	133 023,304	14,092	13,627
12							62	41	88 174	8 996,639	123 583,381	13,737	13,272
13							63	42	87 074	8 563,260	114 586,742	13,381	12,917
14							64	43	85 877	8 140,246	106 023,483	13,025	12,560
15							65	44	84 587	7 728,203	97 883,236	12,666	12,201
16							66	45	83 210	7 327,577	90 155,034	12,304	11,839
17							67	46	81 724	6 936,606	82 827,456	11,941	11,476
18							68	47	80 151	6 557,229	75 890,850	11,574	11,109
19							69	48	78 475	6 188,050	69 333,622	11,204	10,740
20							70	49	76 704	5 829,782	63 145,572	10,832	10,367
21	0	99 329	45 848,445	1 092 860,296	23,836	23,372	71	50	74 851	5 483,326	57 315,790	10,453	9,988
22	1	99 001	44 045,655	1 047 011,851	23,771	23,307	72	51	72 850	5 143,832	51 832,463	10,077	9,612
23	2	98 938	42 426,407	1 002 966,196	23,640	23,176	73	52	70 788	4 817,575	46 688,631	9,691	9,227
24	3	98 883	40 870,368	960 539,789	23,502	23,038	74	53	68 596	4 499,634	41 871,057	9,305	8,841
25	4	98 828	39 371,156	919 669,421	23,359	22,895	75	54	66 292	4 191,339	37 371,423	8,916	8,452
26	5	98 775	37 927,849	880 298,265	23,210	22,745	76	55	63 846	3 890,779	33 180,084	8,528	8,063
27	6	98 725	36 538,371	842 370,415	23,054	22,590	77	56	61 264	3 598,481	29 289,305	8,139	7,675
28	7	98 674	35 199,298	805 832,044	22,893	22,429	78	57	58 598	3 317,513	25 690,824	7,744	7,280
29	8	98 623	33 909,727	770 632,746	22,726	22,262	79	58	55 767	3 043,132	22 373,311	7,352	6,888
30	9	98 568	32 665,596	736 723,019	22,553	22,089	80	59	52 787	2 776,392	19 330,179	6,962	6,498
31	10	98 510	31 466,612	704 057,423	22,375	21,910	81	60	49 612	2 515,046	16 553,788	6,582	6,117
32	11	98 448	30 310,181	672 590,812	22,190	21,726	82	61	46 287	2 261,702	14 038,742	6,207	5,743
33	12	98 381	29 194,540	642 280,630	22,000	21,536	83	62	42 834	2 017,331	11 777,040	5,838	5,374
34	13	98 305	28 117,810	613 086,090	21,804	21,340	84	63	39 209	1 779,845	9 759,710	5,483	5,019
35	14	98 228	27 080,317	584 968,280	21,601	21,137	85	64	35 455	1 551,280	7 979,865	5,144	4,680
36	15	98 145	26 079,398	557 887,963	21,392	20,927	86	65	31 606	1 332,884	6 428,584	4,823	4,359
37	16	98 047	25 111,663	531 808,565	21,178	20,713	87	66	27 757	1 128,273	5 095,700	4,516	4,052
38	17	97 937	24 176,777	506 696,901	20,958	20,494	88	67	23 964	938,876	3 967,427	4,226	3,761
39	18	97 825	23 276,222	482 520,125	20,730	20,266	89	68	20 256	764,932	3 028,551	3,959	3,495
40	19	97 696	22 405,372	459 243,902	20,497	20,033	90	69	16 738	609,212	2 263,619	3,716	3,251
41	20	97 559	21 565,268	436 838,530	20,257	19,792	91	70	13 510	473,973	1 654,407	3,491	3,026
42	21	97 401	20 752,248	415 273,263	20,011	19,547	92	71	10 664	360,577	1 180,434	3,274	2,809
43	22	97 247	19 970,480	394 521,015	19,755	19,291	93	72	8 161	265,990	819,857	3,082	2,618
44	23	97 076	19 214,736	374 550,535	19,493	19,028	94	73	6 070	190,684	553,867	2,905	2,440
45	24	96 892	18 485,092	355 335,799	19,223	18,758	95	74	4 358	131,940	363,183	2,753	2,288
46	25	96 694	17 780,551	336 850,707	18,945	18,480	96	75	3 034	88,535	231,243	2,612	2,147
47	26	96 475	17 099,205	319 070,156	18,660	18,196	97	76	2 038	57,315	142,708	2,490	2,025
48	27	96 233	16 439,803	301 970,952	18,368	17,904	98	77	1 329	36,034	85,393	2,370	1,905
49	28	95 961	15 800,693	285 531,149	18,071	17,606	99	78	841	21,967	49,358	2,247	1,783
							100	79	506	12,755	27,392	2,147	1,683

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	28	95 679	15 184,858	270 077,667	17,786	17,322
1							51	29	95 349	14 585,505	254 892,809	17,476	17,011
2							52	30	94 984	14 004,561	240 307,305	17,159	16,695
3							53	31	94 578	13 440,631	226 302,743	16,837	16,373
4							54	32	94 121	12 892,195	212 862,112	16,511	16,047
5							55	33	93 618	12 359,825	199 969,916	16,179	15,715
6							56	34	93 053	11 841,189	187 610,092	15,844	15,379
7							57	35	92 428	11 336,575	175 768,903	15,505	15,040
8							58	36	91 732	10 844,505	164 432,328	15,163	14,698
9							59	37	90 980	10 366,855	153 587,823	14,815	14,351
10							60	38	90 144	9 900,320	143 220,968	14,466	14,002
11							61	39	89 233	9 446,069	133 320,648	14,114	13,649
12							62	40	88 230	9 002,339	123 874,579	13,760	13,296
13							63	41	87 138	8 569,541	114 872,241	13,405	12,940
14							64	42	85 946	8 146,820	106 302,700	13,048	12,584
15							65	43	84 663	7 735,131	98 155,880	12,690	12,225
16							66	44	83 289	7 334,515	90 420,749	12,328	11,864
17							67	45	81 812	6 944,075	83 086,235	11,965	11,501
18							68	46	80 246	6 565,003	76 142,159	11,598	11,134
19							69	47	78 577	6 196,101	69 577,157	11,229	10,765
20							70	48	76 821	5 838,640	63 381,056	10,855	10,391
21							71	49	74 978	5 492,576	57 542,416	10,476	10,012
22	0	99 289	44 173,399	1 047 571,710	23,715	23,251	72	50	72 985	5 153,334	52 049,839	10,100	9,636
23	1	98 960	42 435,846	1 003 398,312	23,645	23,181	73	51	70 935	4 827,599	46 896,505	9,714	9,250
24	2	98 896	40 875,740	960 962,466	23,509	23,045	74	52	68 747	4 509,575	42 068,906	9,329	8,864
25	3	98 838	39 375,082	920 086,727	23,367	22,903	75	53	66 457	4 201,753	37 559,331	8,939	8,475
26	4	98 785	37 931,341	880 711,645	23,219	22,754	76	54	64 022	3 901,525	33 357,578	8,550	8,085
27	5	98 732	36 540,854	842 780,304	23,064	22,600	77	55	61 455	3 609,715	29 456,053	8,160	7,696
28	6	98 681	35 201,868	806 239,450	22,903	22,439	78	56	58 797	3 328,770	25 846,338	7,765	7,300
29	7	98 628	33 911,342	771 037,581	22,737	22,272	79	57	55 978	3 054,606	22 517,568	7,372	6,907
30	8	98 575	32 667,950	737 126,239	22,564	22,100	80	58	53 008	2 788,028	19 462,962	6,981	6,516
31	9	98 515	31 468,284	704 458,289	22,386	21,922	81	59	49 843	2 526,756	16 674,934	6,599	6,135
32	10	98 454	30 311,866	672 990,005	22,202	21,738	82	60	46 526	2 273,357	14 148,178	6,223	5,759
33	11	98 388	29 196,785	642 678,139	22,012	21,548	83	61	43 075	2 028,663	11 874,822	5,854	5,389
34	12	98 312	28 119,587	613 481,353	21,817	21,352	84	62	39 450	1 790,808	9 846,159	5,498	5,034
35	13	98 236	27 082,458	585 361,766	21,614	21,150	85	63	35 696	1 561,839	8 055,351	5,158	4,693
36	14	98 154	26 081,804	558 279,308	21,405	20,941	86	64	31 842	1 342,833	6 493,512	4,836	4,371
37	15	98 059	25 114,571	532 197,504	21,191	20,726	87	65	27 982	1 137,388	5 150,679	4,529	4,064
38	16	97 949	24 179,868	507 082,933	20,971	20,507	88	66	24 176	947,171	4 013,291	4,237	3,773
39	17	97 837	23 279,241	482 903,065	20,744	20,280	89	67	20 448	772,157	3 066,120	3,971	3,506
40	18	97 712	22 409,009	459 623,824	20,511	20,046	90	68	16 910	615,493	2 293,962	3,727	3,263
41	19	97 575	21 568,813	437 214,815	20,271	19,806	91	69	13 668	479,509	1 678,469	3,500	3,036
42	20	97 417	20 755,645	415 646,002	20,026	19,561	92	70	10 799	365,161	1 198,960	3,283	2,819
43	21	97 264	19 973,871	394 890,357	19,770	19,306	93	71	8 276	269,716	833,799	3,091	2,627
44	22	97 092	19 217,960	374 916,486	19,509	19,044	94	72	6 162	193,577	564,084	2,914	2,450
45	23	96 908	18 488,116	355 698,526	19,239	18,775	95	73	4 432	134,186	370,506	2,761	2,297
46	24	96 710	17 783,472	337 210,410	18,962	18,498	96	74	3 090	90,175	236,320	2,621	2,156
47	25	96 494	17 102,529	319 426,938	18,677	18,213	97	75	2 079	58,492	146,145	2,499	2,034
48	26	96 251	16 442,733	302 324,408	18,387	17,922	98	76	1 359	36,850	87,653	2,379	1,914
49	27	95 981	15 804,008	285 881,675	18,089	17,625	99	77	861	22,505	50,802	2,257	1,793
							100	78	521	13,112	28,297	2,158	1,694

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	15 188,043	270 394,162	17,803	17,339
1							51	28	95 371	14 588,977	255 206,119	17,493	17,029
2							52	29	95 008	14 008,018	240 617,142	17,177	16,713
3							53	30	94 605	13 444,433	226 609,124	16,855	16,391
4							54	31	94 151	12 896,348	213 164,691	16,529	16,065
5							55	32	93 649	12 363,978	200 268,343	16,198	15,733
6							56	33	93 085	11 845,337	187 904,365	15,863	15,399
7							57	34	92 463	11 340,905	176 059,028	15,524	15,060
8							58	35	91 775	10 849,572	164 718,123	15,182	14,718
9							59	36	91 023	10 371,801	153 868,551	14,835	14,371
10							60	37	90 189	9 905,321	143 496,750	14,487	14,022
11							61	38	89 282	9 451,306	133 591,429	14,135	13,670
12							62	39	88 288	9 008,200	124 140,124	13,781	13,316
13							63	40	87 193	8 574,970	115 131,924	13,427	12,962
14							64	41	86 009	8 152,795	106 556,954	13,070	12,606
15							65	42	84 732	7 741,377	98 404,159	12,711	12,247
16							66	43	83 363	7 341,090	90 662,782	12,350	11,886
17							67	44	81 890	6 950,650	83 321,692	11,988	11,523
18							68	45	80 333	6 572,072	76 371,042	11,621	11,156
19							69	46	78 671	6 203,447	69 798,970	11,252	10,787
20							70	47	76 921	5 846,236	63 595,523	10,878	10,414
21							71	48	75 092	5 500,922	57 749,287	10,498	10,034
22							72	49	73 108	5 162,027	52 248,365	10,122	9,657
23	0	99 247	42 558,920	1 003 916,441	23,589	23,124	73	50	71 066	4 836,517	47 086,337	9,736	9,271
24	1	98 918	40 884,833	961 357,520	23,514	23,049	74	51	68 890	4 518,958	42 249,820	9,349	8,885
25	2	98 851	39 380,256	920 472,687	23,374	22,910	75	52	66 603	4 211,036	37 730,862	8,960	8,496
26	3	98 794	37 935,123	881 092,431	23,226	22,762	76	53	64 181	3 911,219	33 519,826	8,570	8,106
27	4	98 741	36 544,218	843 157,308	23,072	22,608	77	54	61 625	3 619,685	29 608,606	8,180	7,715
28	5	98 688	35 204,260	806 613,090	22,912	22,448	78	55	58 981	3 339,163	25 988,921	7,783	7,319
29	6	98 635	33 913,818	771 408,830	22,746	22,282	79	56	56 168	3 064,970	22 649,759	7,390	6,925
30	7	98 579	32 669,506	737 495,011	22,574	22,110	80	57	53 208	2 798,540	19 584,788	6,998	6,534
31	8	98 523	31 470,552	704 825,505	22,396	21,932	81	58	50 051	2 537,346	16 786,249	6,616	6,151
32	9	98 459	30 313,477	673 354,953	22,213	21,749	82	59	46 742	2 283,942	14 248,903	6,239	5,774
33	10	98 394	29 198,409	643 041,475	22,023	21,559	83	60	43 297	2 039,117	11 964,961	5,868	5,403
34	11	98 319	28 121,750	613 843,067	21,828	21,364	84	61	39 672	1 800,868	9 925,844	5,512	5,047
35	12	98 242	27 084,170	585 721,317	21,626	21,162	85	62	35 916	1 571,459	8 124,976	5,170	4,706
36	13	98 162	26 083,866	558 637,147	21,417	20,953	86	63	32 059	1 351,973	6 553,517	4,847	4,383
37	14	98 068	25 116,888	532 553,281	21,203	20,739	87	64	28 191	1 145,878	5 201,544	4,539	4,075
38	15	97 961	24 182,668	507 436,394	20,983	20,519	88	65	24 371	954,823	4 055,667	4,248	3,783
39	16	97 850	23 282,217	483 253,726	20,756	20,292	89	66	20 628	778,979	3 100,844	3,981	3,516
40	17	97 724	22 411,915	459 971,509	20,524	20,059	90	67	17 070	621,307	2 321,865	3,737	3,273
41	18	97 591	21 572,315	437 559,594	20,283	19,819	91	68	13 809	484,453	1 700,558	3,510	3,046
42	19	97 433	20 759,057	415 987,279	20,039	19,574	92	69	10 925	369,426	1 216,105	3,292	2,827
43	20	97 280	19 977,141	395 228,222	19,784	19,320	93	70	8 381	273,144	846,679	3,100	2,635
44	21	97 109	19 221,224	375 251,081	19,523	19,058	94	71	6 249	196,289	573,534	2,922	2,457
45	22	96 924	18 491,219	356 029,857	19,254	18,790	95	72	4 499	136,222	377,245	2,769	2,305
46	23	96 725	17 786,381	337 538,639	18,977	18,513	96	73	3 142	91,710	241,023	2,628	2,164
47	24	96 510	17 105,339	319 752,257	18,693	18,229	97	74	2 118	59,576	149,313	2,506	2,042
48	25	96 269	16 445,931	302 646,918	18,403	17,938	98	75	1 387	37,607	89,737	2,386	1,922
49	26	95 998	15 806,825	286 200,987	18,106	17,642	99	76	881	23,015	52,130	2,265	1,801
							100	77	533	13,434	29,115	2,167	1,703

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	15 190,751	270 682,345	17,819	17,354
1							51	27	95 391	14 592,037	255 491,594	17,509	17,045
2							52	28	95 030	14 011,353	240 899,557	17,193	16,729
3							53	29	94 628	13 447,752	226 888,204	16,872	16,407
4							54	30	94 178	12 899,996	213 440,452	16,546	16,081
5							55	31	93 679	12 367,960	200 540,456	16,215	15,750
6							56	32	93 117	11 849,317	188 172,496	15,880	15,416
7							57	33	92 496	11 344,878	176 323,179	15,542	15,078
8							58	34	91 810	10 853,715	164 978,300	15,200	14,736
9							59	35	91 066	10 376,646	154 124,585	14,853	14,389
10							60	36	90 232	9 910,047	143 747,939	14,505	14,041
11							61	37	89 328	9 456,080	133 837,892	14,154	13,689
12							62	38	88 337	9 013,194	124 381,812	13,800	13,336
13							63	39	87 250	8 580,553	115 368,618	13,445	12,981
14							64	40	86 064	8 157,960	106 788,065	13,090	12,626
15							65	41	84 794	7 747,055	98 630,105	12,731	12,267
16							66	42	83 431	7 347,018	90 883,049	12,370	11,906
17							67	43	81 963	6 956,881	83 536,031	12,008	11,543
18							68	44	80 409	6 578,294	76 579,150	11,641	11,177
19							69	45	78 755	6 210,127	70 000,856	11,272	10,808
20							70	46	77 012	5 853,168	63 790,729	10,898	10,434
21							71	47	75 189	5 508,079	57 937,562	10,519	10,054
22							72	48	73 219	5 169,871	52 429,483	10,141	9,677
23							73	49	71 186	4 844,676	47 259,612	9,755	9,291
24	0	99 205	41 003,410	961 837,206	23,457	22,993	74	50	69 018	4 527,306	42 414,936	9,369	8,904
25	1	98 873	39 389,017	920 833,796	23,378	22,914	75	51	66 742	4 219,798	37 887,630	8,979	8,514
26	2	98 807	37 940,109	881 444,780	23,233	22,768	76	52	64 323	3 919,860	33 667,832	8,589	8,125
27	3	98 751	36 547,862	843 504,671	23,079	22,615	77	53	61 778	3 628,679	29 747,971	8,198	7,734
28	4	98 697	35 207,501	806 956,809	22,920	22,456	78	54	59 144	3 348,385	26 119,292	7,801	7,336
29	5	98 642	33 916,123	771 749,308	22,755	22,290	79	55	56 343	3 074,539	22 770,907	7,406	6,942
30	6	98 586	32 671,892	737 833,185	22,583	22,119	80	56	53 389	2 808,035	19 696,368	7,014	6,550
31	7	98 527	31 472,051	705 161,293	22,406	21,942	81	57	50 240	2 546,913	16 888,332	6,631	6,166
32	8	98 466	30 315,662	673 689,242	22,222	21,758	82	58	46 938	2 293,514	14 341,420	6,253	5,789
33	9	98 399	29 199,961	643 373,580	22,033	21,569	83	59	43 498	2 048,611	12 047,906	5,881	5,417
34	10	98 325	28 123,313	614 173,619	21,839	21,374	84	60	39 876	1 810,148	9 999,294	5,524	5,060
35	11	98 250	27 086,253	586 050,306	21,636	21,172	85	61	36 118	1 580,287	8 189,146	5,182	4,718
36	12	98 168	26 085,515	558 964,053	21,428	20,964	86	62	32 256	1 360,300	6 608,859	4,858	4,394
37	13	98 075	25 118,873	532 878,539	21,214	20,750	87	63	28 382	1 153,677	5 248,559	4,549	4,085
38	14	97 970	24 184,899	507 759,666	20,995	20,530	88	64	24 553	961,950	4 094,882	4,257	3,792
39	15	97 861	23 284,913	483 574,767	20,768	20,303	89	65	20 795	785,272	3 132,933	3,990	3,525
40	16	97 737	22 414,780	460 289,854	20,535	20,071	90	66	17 221	626,796	2 347,660	3,745	3,281
41	17	97 603	21 575,112	437 875,074	20,295	19,831	91	67	13 940	489,029	1 720,864	3,519	3,055
42	18	97 449	20 762,427	416 299,962	20,051	19,586	92	68	11 038	373,235	1 231,835	3,300	2,836
43	19	97 296	19 980,425	395 537,534	19,796	19,332	93	69	8 479	276,335	858,600	3,107	2,643
44	20	97 124	19 224,370	375 557,109	19,535	19,071	94	70	6 328	198,784	582,265	2,929	2,465
45	21	96 940	18 494,359	356 332,739	19,267	18,803	95	71	4 562	138,131	383,481	2,776	2,312
46	22	96 742	17 789,366	337 838,380	18,991	18,527	96	72	3 190	93,102	245,351	2,635	2,171
47	23	96 526	17 108,138	320 049,014	18,707	18,243	97	73	2 154	60,590	152,249	2,513	2,048
48	24	96 285	16 448,633	302 940,877	18,417	17,953	98	74	1 413	38,304	91,659	2,393	1,929
49	25	96 017	15 809,899	286 492,244	18,121	17,657	99	75	899	23,488	53,355	2,272	1,807
							100	76	545	13,738	29,867	2,174	1,710

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	15 193,705	270 945,122	17,833	17,368
1							51	26	95 408	14 594,639	255 751,418	17,524	17,059
2							52	27	95 050	14 014,292	241 156,779	17,208	16,743
3							53	28	94 650	13 450,953	227 142,487	16,887	16,422
4							54	29	94 201	12 903,180	213 691,534	16,561	16,097
5							55	30	93 706	12 371,459	200 788,354	16,230	15,766
6							56	31	93 147	11 853,134	188 416,895	15,896	15,432
7							57	32	92 527	11 348,690	176 563,761	15,558	15,094
8							58	33	91 842	10 857,518	165 215,071	15,217	14,752
9							59	34	91 101	10 380,609	154 357,553	14,870	14,405
10							60	35	90 274	9 914,676	143 976,943	14,522	14,057
11							61	36	89 370	9 460,592	134 062,267	14,171	13,706
12							62	37	88 381	9 017,747	124 601,675	13,817	13,353
13							63	38	87 298	8 585,310	115 583,928	13,463	12,999
14							64	39	86 120	8 163,272	106 998,618	13,107	12,643
15							65	40	84 847	7 751,963	98 835,346	12,750	12,285
16							66	41	83 492	7 352,407	91 083,383	12,388	11,924
17							67	42	82 029	6 962,498	83 730,976	12,026	11,562
18							68	43	80 481	6 584,192	76 768,478	11,660	11,195
19							69	44	78 830	6 216,006	70 184,286	11,291	10,826
20							70	45	77 095	5 859,470	63 968,279	10,917	10,453
21							71	46	75 278	5 514,609	58 108,809	10,537	10,073
22							72	47	73 314	5 176,597	52 594,200	10,160	9,696
23							73	48	71 294	4 852,037	47 417,603	9,773	9,308
24							74	49	69 134	4 534,943	42 565,566	9,386	8,922
25	0	99 160	39 503,255	921 278,068	23,322	22,857	75	50	66 865	4 227,594	38 030,623	8,996	8,531
26	1	98 829	37 948,549	881 774,813	23,236	22,772	76	51	64 457	3 928,017	33 803,029	8,606	8,141
27	2	98 764	36 552,665	843 826,264	23,085	22,621	77	52	61 914	3 636,696	29 875,012	8,215	7,750
28	3	98 706	35 211,012	807 273,599	22,927	22,462	78	53	59 291	3 356,705	26 238,316	7,817	7,352
29	4	98 651	33 919,245	772 062,587	22,762	22,297	79	54	56 499	3 083,031	22 881,611	7,422	6,957
30	5	98 593	32 674,112	738 143,342	22,591	22,127	80	55	53 556	2 816,802	19 798,580	7,029	6,564
31	6	98 534	31 474,349	705 469,230	22,414	21,950	81	56	50 411	2 555,555	16 981,778	6,645	6,181
32	7	98 471	30 317,106	673 994,881	22,232	21,767	82	57	47 115	2 302,161	14 426,223	6,266	5,802
33	8	98 406	29 202,065	643 677,775	22,042	21,578	83	58	43 681	2 057,197	12 124,062	5,893	5,429
34	9	98 330	28 124,808	614 475,710	21,848	21,384	84	59	40 062	1 818,576	10 066,865	5,536	5,071
35	10	98 255	27 087,759	586 350,901	21,646	21,182	85	60	36 304	1 588,430	8 248,288	5,193	4,728
36	11	98 176	26 087,521	559 263,143	21,438	20,974	86	61	32 437	1 367,942	6 659,858	4,869	4,404
37	12	98 082	25 120,461	533 175,622	21,225	20,760	87	62	28 557	1 160,783	5 291,916	4,559	4,094
38	13	97 978	24 186,810	508 055,161	21,005	20,541	88	63	24 720	968,497	4 131,133	4,266	3,801
39	14	97 870	23 287,061	483 868,351	20,778	20,314	89	64	20 950	791,134	3 162,636	3,998	3,533
40	15	97 748	22 417,376	460 581,290	20,546	20,081	90	65	17 360	631,860	2 371,503	3,753	3,289
41	16	97 616	21 577,870	438 163,914	20,306	19,842	91	66	14 063	493,350	1 739,643	3,526	3,062
42	17	97 462	20 765,120	416 586,044	20,062	19,597	92	67	11 142	376,760	1 246,293	3,308	2,843
43	18	97 311	19 983,669	395 820,924	19,807	19,343	93	68	8 566	279,184	869,533	3,115	2,650
44	19	97 140	19 227,531	375 837,255	19,547	19,082	94	69	6 402	201,106	590,349	2,936	2,471
45	20	96 956	18 497,386	356 609,724	19,279	18,815	95	70	4 620	139,886	389,243	2,783	2,318
46	21	96 758	17 792,387	338 112,338	19,003	18,539	96	71	3 235	94,406	249,356	2,641	2,177
47	22	96 542	17 111,008	320 319,951	18,720	18,256	97	72	2 187	61,509	154,950	2,519	2,055
48	23	96 301	16 451,324	303 208,942	18,431	17,966	98	73	1 437	38,956	93,441	2,399	1,934
49	24	96 032	15 812,497	286 757,619	18,135	17,670	99	74	915	23,923	54,485	2,278	1,813
							100	75	557	14,020	30,562	2,180	1,715

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 419 304,167	24,193	23,728	50	50	94 198	13 254,916	213 336,676	16,095	15,630
1	1	99 373	95 551,148	2 319 304,167	24,273	23,808	51	51	93 723	12 680,732	200 081,760	15,778	15,314
2	2	99 327	91 833,471	2 223 753,019	24,215	23,750	52	52	93 193	12 124,157	187 401,029	15,457	14,992
3	3	99 301	88 278,067	2 131 919,548	24,150	23,685	53	53	92 616	11 585,663	175 276,871	15,129	14,664
4	4	99 279	84 864,232	2 043 641,482	24,081	23,616	54	54	91 970	11 062,288	163 691,208	14,797	14,332
5	5	99 259	81 583,402	1 958 777,249	24,010	23,545	55	55	91 257	10 554,393	152 628,920	14,461	13,996
6	6	99 243	78 433,121	1 877 193,847	23,934	23,469	56	56	90 456	10 059,337	142 074,527	14,124	13,659
7	7	99 227	75 404,165	1 798 760,727	23,855	23,390	57	57	89 579	9 578,675	132 015,191	13,782	13,317
8	8	99 212	72 493,506	1 723 356,561	23,773	23,308	58	58	88 612	9 110,800	122 436,516	13,439	12,974
9	9	99 198	69 694,962	1 650 863,055	23,687	23,222	59	59	87 560	8 656,440	113 325,716	13,091	12,627
10	10	99 184	67 005,446	1 581 168,093	23,598	23,133	60	60	86 397	8 212,932	104 669,276	12,744	12,280
11	11	99 172	64 419,934	1 514 162,647	23,505	23,040	61	61	85 133	7 781,500	96 456,343	12,396	11,931
12	12	99 157	61 933,200	1 449 742,712	23,408	22,943	62	62	83 760	7 361,599	88 674,843	12,046	11,581
13	13	99 142	59 542,119	1 387 809,512	23,308	22,843	63	63	82 269	6 952,441	81 313,244	11,696	11,231
14	14	99 125	57 242,193	1 328 267,393	23,204	22,740	64	64	80 655	6 553,830	74 360,804	11,346	10,881
15	15	99 104	55 028,693	1 271 025,200	23,097	22,633	65	65	78 926	6 166,667	67 806,974	10,996	10,531
16	16	99 077	52 897,857	1 215 996,507	22,988	22,523	66	66	77 091	5 791,670	61 640,307	10,643	10,178
17	17	99 041	50 845,192	1 163 098,650	22,875	22,410	67	67	75 132	5 427,407	55 848,638	10,290	9,825
18	18	99 002	48 870,235	1 112 253,459	22,759	22,295	68	68	73 083	5 076,353	50 421,231	9,933	9,468
19	19	98 948	46 964,847	1 063 383,224	22,642	22,177	69	69	70 917	4 736,423	45 344,878	9,574	9,109
20	20	98 892	45 132,865	1 016 418,377	22,521	22,056	70	70	68 620	4 406,760	40 608,456	9,215	8,750
21	21	98 835	43 371,978	971 285,512	22,394	21,929	71	71	66 234	4 089,896	36 201,695	8,851	8,387
22	22	98 778	41 679,879	927 913,535	22,263	21,798	72	72	63 690	3 781,550	32 111,799	8,492	8,027
23	23	98 720	40 053,284	886 233,656	22,126	21,662	73	73	61 089	3 487,613	28 330,249	8,123	7,658
24	24	98 662	38 490,294	846 180,372	21,984	21,519	74	74	58 335	3 202,287	24 842,636	7,758	7,293
25	25	98 601	36 986,868	807 690,078	21,837	21,372	75	75	55 488	2 928,835	21 640,348	7,389	6,924
26	26	98 538	35 541,677	770 703,210	21,684	21,220	76	76	52 510	2 665,043	18 711,513	7,021	6,556
27	27	98 477	34 153,541	735 161,532	21,525	21,060	77	77	49 424	2 411,949	16 046,470	6,653	6,188
28	28	98 412	32 818,289	701 007,991	21,360	20,895	78	78	46 298	2 172,525	13 634,520	6,276	5,811
29	29	98 343	31 533,945	668 189,702	21,190	20,725	79	79	43 025	1 941,253	11 461,995	5,904	5,440
30	30	98 271	30 298,664	636 655,757	21,013	20,548	80	80	39 636	1 719,582	9 520,742	5,537	5,072
31	31	98 191	29 109,711	606 357,092	20,830	20,365	81	81	36 105	1 506,156	7 801,160	5,180	4,715
32	32	98 103	27 965,043	577 247,381	20,642	20,177	82	82	32 491	1 303,256	6 295,004	4,830	4,365
33	33	98 010	26 864,011	549 282,338	20,447	19,982	83	83	28 815	1 111,350	4 991,748	4,492	4,027
34	34	97 907	25 803,630	522 418,327	20,246	19,781	84	84	25 074	929,864	3 880,398	4,173	3,708
35	35	97 801	24 784,280	496 614,697	20,037	19,573	85	85	21 372	762,083	2 950,534	3,872	3,407
36	36	97 682	23 801,927	471 830,417	19,823	19,358	86	86	17 779	609,598	2 188,451	3,590	3,125
37	37	97 549	22 855,353	448 028,490	19,603	19,138	87	87	14 398	474,683	1 578,853	3,326	2,861
38	38	97 402	21 943,293	425 173,137	19,376	18,911	88	88	11 298	358,139	1 104,170	3,083	2,618
39	39	97 249	21 066,203	403 229,844	19,141	18,676	89	89	8 548	260,542	746,031	2,863	2,399
40	40	97 074	20 219,412	382 163,641	18,901	18,436	90	90	6 217	182,200	485,489	2,665	2,200
41	41	96 892	19 405,388	361 944,228	18,652	18,187	91	91	4 330	122,017	303,289	2,486	2,021
42	42	96 681	18 618,301	342 538,841	18,398	17,933	92	92	2 887	78,219	181,272	2,318	1,853
43	43	96 466	17 862,464	323 920,540	18,134	17,669	93	93	1 819	47,398	103,053	2,174	1,709
44	44	96 226	17 132,697	306 058,076	17,864	17,399	94	94	1 086	27,204	55,655	2,046	1,581
45	45	95 968	16 429,630	288 925,378	17,586	17,121	95	95	611	14,715	28,452	1,933	1,469
46	46	95 685	15 751,071	272 495,748	17,300	16,835	96	96	323	7,482	13,736	1,836	1,371
47	47	95 375	15 096,122	256 744,677	17,007	16,543	97	97	160	3,554	6,254	1,760	1,295
48	48	95 029	14 462,840	241 648,556	16,708	16,243	98	98	75	1,608	2,700	1,680	1,215
49	49	94 635	13 849,039	227 185,715	16,404	15,940	99	99	33	0,682	1,093	1,602	1,137
							100	100	13	0,267	0,411	1,539	1,074

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	2 416 530,715	24,235	23,771	50	51	94 025	13 230,475	211 337,371	15,974	15,509
1	2	99 351	95 529,897	2 316 819,903	24,252	23,787	51	52	93 528	12 654,400	198 106,896	15,655	15,190
2	3	99 314	91 821,403	2 221 290,006	24,191	23,727	52	53	92 988	12 097,431	185 452,496	15,330	14,865
3	4	99 291	88 269,265	2 129 468,603	24,125	23,660	53	54	92 387	11 556,947	173 355,065	15,000	14,535
4	5	99 270	84 856,421	2 041 199,337	24,055	23,590	54	55	91 717	11 031,820	161 798,118	14,666	14,202
5	6	99 252	81 577,859	1 956 342,917	23,981	23,516	55	56	90 973	10 521,543	150 766,298	14,329	13,864
6	7	99 236	78 427,394	1 874 765,058	23,904	23,440	56	57	90 150	10 025,320	140 244,755	13,989	13,524
7	8	99 222	75 400,574	1 796 337,664	23,824	23,359	57	58	89 242	9 542,695	130 219,435	13,646	13,181
8	9	99 205	72 488,282	1 720 937,090	23,741	23,276	58	59	88 242	9 072,775	120 676,740	13,301	12,836
9	10	99 192	69 691,258	1 648 448,809	23,654	23,189	59	60	87 154	8 616,322	111 603,965	12,953	12,488
10	11	99 179	67 001,721	1 578 757,551	23,563	23,098	60	61	85 954	8 170,826	102 987,643	12,604	12,139
11	12	99 164	64 414,980	1 511 755,829	23,469	23,004	61	62	84 657	7 738,031	94 816,817	12,253	11,789
12	13	99 151	61 929,286	1 447 340,849	23,371	22,906	62	63	83 248	7 316,532	87 078,786	11,902	11,437
13	14	99 134	59 537,413	1 385 411,563	23,270	22,805	63	64	81 713	6 905,441	79 762,254	11,551	11,086
14	15	99 116	57 236,912	1 325 874,150	23,165	22,700	64	65	80 057	6 505,274	72 856,813	11,200	10,735
15	16	99 092	55 022,322	1 268 637,238	23,057	22,592	65	66	78 293	6 117,249	66 351,539	10,847	10,382
16	17	99 064	52 891,094	1 213 614,915	22,946	22,481	66	67	76 416	5 740,948	60 234,290	10,492	10,027
17	18	99 029	50 838,600	1 160 723,821	22,832	22,367	67	68	74 429	5 376,617	54 493,343	10,135	9,670
18	19	98 986	48 862,302	1 109 885,222	22,715	22,250	68	69	72 338	5 024,554	49 116,725	9,775	9,311
19	20	98 932	46 957,128	1 061 022,920	22,596	22,131	69	70	70 098	4 681,734	44 092,171	9,418	8,953
20	21	98 875	45 125,477	1 014 065,792	22,472	22,007	70	71	67 759	4 351,448	39 410,437	9,057	8,592
21	22	98 818	43 364,613	968 940,315	22,344	21,879	71	72	65 319	4 033,396	35 058,989	8,692	8,227
22	23	98 761	41 672,886	925 575,702	22,211	21,746	72	73	62 738	3 725,024	31 025,593	8,329	7,864
23	24	98 704	40 046,733	883 902,816	22,072	21,607	73	74	60 066	3 429,244	27 300,569	7,961	7,496
24	25	98 646	38 483,971	843 856,083	21,927	21,463	74	75	57 274	3 144,031	23 871,325	7,593	7,128
25	26	98 582	36 979,677	805 372,112	21,779	21,314	75	76	54 371	2 869,907	20 727,294	7,222	6,757
26	27	98 521	35 535,342	768 392,434	21,623	21,159	76	77	51 346	2 606,016	17 857,386	6,852	6,388
27	28	98 457	34 146,378	732 857,092	21,462	20,997	77	78	48 241	2 354,211	15 251,371	6,478	6,014
28	29	98 389	32 810,479	698 710,714	21,295	20,831	78	79	45 039	2 113,416	12 897,160	6,103	5,638
29	30	98 319	31 526,164	665 900,235	21,122	20,657	79	80	41 699	1 881,447	10 783,744	5,732	5,267
30	31	98 243	30 290,096	634 374,072	20,943	20,478	80	81	38 238	1 658,947	8 902,297	5,366	4,901
31	32	98 159	29 100,338	604 083,975	20,759	20,294	81	82	34 646	1 445,284	7 243,350	5,012	4,547
32	33	98 070	27 955,650	574 983,637	20,568	20,103	82	83	30 964	1 242,000	5 798,066	4,668	4,204
33	34	97 976	26 854,603	547 027,988	20,370	19,905	83	84	27 224	1 050,008	4 556,066	4,339	3,874
34	35	97 870	25 793,778	520 173,385	20,167	19,702	84	85	23 474	870,550	3 506,058	4,027	3,563
35	36	97 755	24 772,707	494 379,607	19,957	19,492	85	86	19 797	705,922	2 635,508	3,733	3,269
36	37	97 635	23 790,577	469 606,900	19,739	19,274	86	87	16 263	557,612	1 929,586	3,460	2,996
37	38	97 499	22 843,813	445 816,323	19,516	19,051	87	88	12 971	427,644	1 371,973	3,208	2,743
38	39	97 348	21 931,134	422 972,510	19,286	18,822	88	89	10 018	317,560	944,329	2,974	2,509
39	40	97 186	21 052,496	401 041,376	19,050	18,585	89	90	7 447	226,983	626,769	2,761	2,296
40	41	97 012	20 206,611	379 988,880	18,805	18,340	90	91	5 302	155,395	399,786	2,573	2,108
41	42	96 821	19 391,165	359 782,269	18,554	18,089	91	92	3 611	101,771	244,391	2,401	1,937
42	43	96 603	18 603,279	340 391,104	18,297	17,833	92	93	2 344	63,518	142,620	2,245	1,781
43	44	96 380	17 846,465	321 787,825	18,031	17,566	93	94	1 438	37,470	79,102	2,111	1,646
44	45	96 135	17 116,492	303 941,361	17,757	17,292	94	95	837	20,962	41,632	1,986	1,521
45	46	95 865	16 411,957	286 824,868	17,477	17,012	95	96	456	10,974	20,670	1,884	1,419
46	47	95 572	15 732,418	270 412,911	17,188	16,723	96	97	233	5,392	9,697	1,798	1,333
47	48	95 251	15 076,506	254 680,493	16,893	16,428	97	98	113	2,506	4,304	1,717	1,252
48	49	94 884	14 440,899	239 603,986	16,592	16,127	98	99	51	1,095	1,798	1,642	1,177
49	50	94 476	13 825,716	225 163,087	16,286	15,821	99	100	22	0,448	0,703	1,569	1,104

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	2 413 843,853	24,214	23,749	50	52	93 830	13 203,002	209 180,903	15,843	15,379
1	3	99 338	95 517,344	2 314 155,217	24,228	23,763	51	53	93 322	12 626,505	195 977,901	15,521	15,056
2	4	99 304	91 812,249	2 218 637,873	24,165	23,700	52	54	92 757	12 067,446	183 351,397	15,194	14,729
3	5	99 282	88 261,140	2 126 825,624	24,097	23,632	53	55	92 132	11 525,116	171 283,951	14,862	14,397
4	6	99 263	84 850,655	2 038 564,484	24,025	23,561	54	56	91 431	10 997,484	159 758,834	14,527	14,062
5	7	99 245	81 571,903	1 953 713,829	23,951	23,486	55	57	90 665	10 485,964	148 761,350	14,187	13,722
6	8	99 231	78 423,658	1 872 141,927	23,872	23,407	56	58	89 811	9 987,662	138 275,386	13,845	13,380
7	9	99 215	75 395,140	1 793 718,268	23,791	23,326	57	59	88 870	9 502,867	128 287,724	13,500	13,035
8	10	99 200	72 484,439	1 718 323,129	23,706	23,241	58	60	87 833	9 030,728	118 784,857	13,153	12,689
9	11	99 187	69 687,384	1 645 838,700	23,617	23,153	59	61	86 708	8 572,148	109 754,129	12,804	12,339
10	12	99 171	66 996,568	1 576 151,316	23,526	23,061	60	62	85 474	8 125,182	101 181,981	12,453	11,988
11	13	99 158	64 410,909	1 509 154,748	23,430	22,965	61	63	84 139	7 690,660	93 056,798	12,100	11,635
12	14	99 143	61 924,391	1 444 743,838	23,331	22,866	62	64	82 685	7 267,071	85 366,139	11,747	11,282
13	15	99 125	59 531,921	1 382 819,447	23,228	22,763	63	65	81 108	6 854,280	78 099,068	11,394	10,929
14	16	99 104	57 230,286	1 323 287,526	23,122	22,657	64	66	79 415	6 453,143	71 244,788	11,040	10,576
15	17	99 079	55 015,288	1 266 057,241	23,013	22,548	65	67	77 607	6 063,675	64 791,646	10,685	10,220
16	18	99 051	52 884,237	1 211 041,952	22,900	22,435	66	68	75 701	5 687,224	58 727,970	10,326	9,861
17	19	99 012	50 830,347	1 158 157,716	22,785	22,320	67	69	73 670	5 321,755	53 040,746	9,967	9,502
18	20	98 970	48 854,271	1 107 327,368	22,666	22,201	68	70	71 502	4 966,539	47 718,991	9,608	9,143
19	21	98 915	46 949,442	1 058 473,097	22,545	22,080	69	71	69 218	4 622,970	42 752,452	9,248	8,783
20	22	98 859	45 117,815	1 011 523,656	22,420	21,955	70	72	66 823	4 291,335	38 129,482	8,885	8,420
21	23	98 801	43 357,338	966 405,841	22,289	21,825	71	73	64 342	3 973,106	33 838,148	8,517	8,052
22	24	98 745	41 666,070	923 048,503	22,153	21,689	72	74	61 688	3 662,682	29 865,042	8,154	7,689
23	25	98 688	40 040,155	881 382,433	22,012	21,548	73	75	58 974	3 366,859	26 202,360	7,782	7,318
24	26	98 627	38 476,489	841 342,279	21,866	21,402	74	76	56 121	3 080,773	22 835,501	7,412	6,947
25	27	98 564	36 973,086	802 865,789	21,715	21,250	75	77	53 167	2 806,342	19 754,728	7,039	6,574
26	28	98 500	35 527,889	765 892,703	21,558	21,093	76	78	50 117	2 543,632	16 948,386	6,663	6,198
27	29	98 433	34 138,251	730 364,815	21,394	20,930	77	79	46 928	2 290,159	14 404,754	6,290	5,825
28	30	98 365	32 802,382	696 226,563	21,225	20,760	78	80	43 651	2 048,305	12 114,595	5,914	5,450
29	31	98 291	31 517,249	663 424,181	21,050	20,585	79	81	40 229	1 815,104	10 066,290	5,546	5,081
30	32	98 211	30 280,343	631 906,932	20,869	20,404	80	82	36 693	1 591,900	8 251,186	5,183	4,718
31	33	98 126	29 090,563	601 626,590	20,681	20,216	81	83	33 018	1 377,352	6 659,286	4,835	4,370
32	34	98 036	27 945,859	572 536,027	20,487	20,023	82	84	29 255	1 173,447	5 281,933	4,501	4,036
33	35	97 938	26 844,350	544 590,168	20,287	19,822	83	85	25 488	983,030	4 108,487	4,179	3,715
34	36	97 824	25 781,734	517 745,818	20,082	19,617	84	86	21 744	806,396	3 125,457	3,876	3,411
35	37	97 709	24 760,894	491 964,084	19,869	19,404	85	87	18 108	645,722	2 319,061	3,591	3,127
36	38	97 586	23 778,564	467 203,190	19,648	19,183	86	88	14 651	502,356	1 673,338	3,331	2,866
37	39	97 445	22 831,155	443 424,626	19,422	18,957	87	89	11 502	379,190	1 170,982	3,088	2,623
38	40	97 285	21 916,865	420 593,471	19,190	18,726	88	90	8 727	276,656	791,792	2,862	2,397
39	41	97 124	21 039,167	398 676,606	18,949	18,484	89	91	6 351	193,590	515,136	2,661	2,196
40	42	96 941	20 191,800	377 637,439	18,703	18,238	90	92	4 422	129,611	321,546	2,481	2,016
41	43	96 743	19 375,519	357 445,638	18,448	17,983	91	93	2 933	82,644	191,935	2,322	1,858
42	44	96 516	18 586,616	338 070,119	18,189	17,724	92	94	1 853	50,213	109,291	2,177	1,712
43	45	96 289	17 829,585	319 483,503	17,919	17,454	93	95	1 108	28,872	59,078	2,046	1,581
44	46	96 032	17 098,081	301 653,919	17,643	17,178	94	96	624	15,632	30,206	1,932	1,467
45	47	95 752	16 392,522	284 555,838	17,359	16,894	95	97	328	7,909	14,574	1,843	1,378
46	48	95 447	15 711,976	268 163,315	17,067	16,603	96	98	164	3,803	6,665	1,753	1,288
47	49	95 106	15 053,634	252 451,339	16,770	16,305	97	99	77	1,707	2,862	1,677	1,212
48	50	94 725	14 416,579	237 397,705	16,467	16,002	98	100	34	0,719	1,155	1,607	1,142
49	51	94 302	13 800,223	222 981,126	16,158	15,693							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	2 410 965,931	24,188	23,723	50	53	93 623	13 173,897	206 860,743	15,702	15,237
1	4	99 328	95 507,821	2 311 290,395	24,200	23,735	51	54	93 091	12 595,209	193 686,846	15,378	14,913
2	5	99 295	91 803,797	2 215 782,574	24,136	23,671	52	55	92 502	12 034,209	181 091,637	15,048	14,583
3	6	99 275	88 255,143	2 123 978,777	24,066	23,602	53	56	91 846	11 489,246	169 057,428	14,714	14,250
4	7	99 256	84 844,460	2 035 723,634	23,994	23,529	54	57	91 122	10 960,295	157 568,182	14,376	13,911
5	8	99 240	81 568,018	1 950 879,174	23,917	23,452	55	58	90 325	10 446,576	146 607,887	14,034	13,569
6	9	99 224	78 418,006	1 869 311,157	23,838	23,373	56	59	89 436	9 945,978	136 161,311	13,690	13,225
7	10	99 210	75 391,132	1 790 893,150	23,755	23,290	57	60	88 458	9 458,827	126 215,333	13,344	12,879
8	11	99 194	72 480,399	1 715 502,018	23,668	23,204	58	61	87 382	8 984,429	116 756,506	12,995	12,531
9	12	99 179	69 682,024	1 643 021,619	23,579	23,114	59	62	86 223	8 524,263	107 772,077	12,643	12,178
10	13	99 165	66 992,334	1 573 339,594	23,485	23,021	60	63	84 951	8 075,441	99 247,815	12,290	11,825
11	14	99 150	64 405,818	1 506 347,260	23,388	22,924	61	64	83 570	7 638,669	91 172,374	11,936	11,471
12	15	99 134	61 918,679	1 441 941,441	23,288	22,823	62	65	82 072	7 213,230	83 533,705	11,581	11,116
13	16	99 114	59 525,028	1 380 022,762	23,184	22,719	63	66	80 458	6 799,352	76 320,475	11,225	10,760
14	17	99 092	57 222,969	1 320 497,734	23,076	22,612	64	67	78 720	6 396,628	69 521,123	10,868	10,404
15	18	99 067	55 008,156	1 263 274,765	22,965	22,500	65	68	76 881	6 006,932	63 124,495	10,509	10,044
16	19	99 035	52 875,652	1 208 266,609	22,851	22,386	66	69	74 928	5 629,192	57 117,563	10,147	9,682
17	20	98 996	50 821,993	1 155 390,957	22,734	22,269	67	70	72 819	5 260,308	51 488,371	9,788	9,323
18	21	98 954	48 846,274	1 104 568,964	22,613	22,148	68	71	70 605	4 904,200	46 228,063	9,426	8,961
19	22	98 899	46 941,470	1 055 722,690	22,490	22,025	69	72	68 262	4 559,106	41 323,863	9,064	8,599
20	23	98 842	45 110,245	1 008 781,220	22,363	21,898	70	73	65 824	4 227,188	36 764,757	8,697	8,232
21	24	98 785	43 350,246	963 670,975	22,230	21,765	71	74	63 266	3 906,612	32 537,569	8,329	7,864
22	25	98 729	41 659,226	920 320,729	22,092	21,627	72	75	60 566	3 596,050	28 630,957	7,962	7,497
23	26	98 668	40 032,370	878 661,503	21,949	21,484	73	76	57 787	3 299,118	25 034,907	7,588	7,124
24	27	98 609	38 469,631	838 629,133	21,800	21,335	74	77	54 878	3 012,538	21 735,789	7,215	6,750
25	28	98 544	36 965,331	800 159,502	21,646	21,181	75	78	51 894	2 739,163	18 723,252	6,835	6,371
26	29	98 477	35 519,433	763 194,171	21,487	21,022	76	79	48 754	2 474,426	15 984,089	6,460	5,995
27	30	98 409	34 129,827	727 674,737	21,321	20,856	77	80	45 482	2 219,603	13 509,663	6,087	5,622
28	31	98 337	32 793,106	693 544,910	21,149	20,684	78	81	42 112	1 976,079	11 290,060	5,713	5,249
29	32	98 260	31 507,100	660 751,804	20,972	20,507	79	82	38 603	1 741,746	9 313,982	5,347	4,883
30	33	98 178	30 270,171	629 244,704	20,788	20,323	80	83	34 968	1 517,077	7 572,236	4,991	4,527
31	34	98 092	29 080,375	598 974,533	20,597	20,132	81	84	31 195	1 301,328	6 055,158	4,653	4,188
32	35	97 998	27 935,189	569 894,158	20,401	19,936	82	85	27 389	1 098,595	4 753,830	4,327	3,862
33	36	97 893	26 831,815	541 958,969	20,198	19,734	83	86	23 610	910,587	3 655,235	4,014	3,549
34	37	97 777	25 769,440	515 127,154	19,990	19,525	84	87	19 890	737,628	2 744,648	3,721	3,256
35	38	97 659	24 748,392	489 357,714	19,773	19,308	85	88	16 314	581,735	2 007,021	3,450	2,985
36	39	97 532	23 765,389	464 609,322	19,550	19,085	86	89	12 991	445,437	1 425,286	3,200	2,735
37	40	97 382	22 816,300	440 843,934	19,321	18,857	87	90	10 020	330,348	979,849	2,966	2,501
38	41	97 223	21 902,989	418 027,634	19,085	18,621	88	91	7 443	235,956	649,501	2,753	2,288
39	42	97 053	21 023,747	396 124,645	18,842	18,377	89	92	5 297	161,468	413,545	2,561	2,096
40	43	96 863	20 175,508	375 100,899	18,592	18,127	90	93	3 591	105,251	252,077	2,395	1,930
41	44	96 657	19 358,165	354 925,390	18,335	17,870	91	94	2 318	65,333	146,826	2,247	1,783
42	45	96 425	18 569,036	335 567,225	18,071	17,607	92	95	1 428	38,692	81,493	2,106	1,641
43	46	96 185	17 810,406	316 998,190	17,798	17,334	93	96	826	21,531	42,802	1,988	1,523
44	47	95 918	17 077,833	299 187,784	17,519	17,054	94	97	450	11,266	21,270	1,888	1,423
45	48	95 627	16 371,223	282 109,950	17,232	16,767	95	98	232	5,578	10,004	1,794	1,329
46	49	95 303	15 688,139	265 738,728	16,939	16,474	96	99	112	2,590	4,427	1,709	1,245
47	50	94 946	15 028,282	250 050,588	16,639	16,174	97	100	50	1,121	1,837	1,639	1,174
48	51	94 550	14 389,997	235 022,306	16,332	15,868							
49	52	94 106	13 771,566	220 632,309	16,021	15,556							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	2 407 877,006	24,160	23,695	50	54	93 391	13 141,245	204 369,223	15,552	15,087
1	5	99 319	95 499,029	2 308 211,408	24,170	23,705	51	55	92 834	12 560,518	191 227,978	15,225	14,760
2	6	99 288	91 797,560	2 212 712,379	24,104	23,639	52	56	92 214	11 996,754	178 667,460	14,893	14,428
3	7	99 268	88 248,699	2 120 914,819	24,033	23,569	53	57	91 535	11 450,394	166 670,706	14,556	14,091
4	8	99 251	84 840,419	2 032 666,120	23,959	23,494	54	58	90 780	10 919,125	155 220,312	14,215	13,751
5	9	99 233	81 562,139	1 947 825,701	23,881	23,417	55	59	89 948	10 402,976	144 301,187	13,871	13,406
6	10	99 219	78 413,838	1 866 263,562	23,800	23,335	56	60	89 022	9 899,884	133 898,211	13,525	13,060
7	11	99 204	75 386,941	1 787 849,724	23,716	23,251	57	61	88 005	9 410,333	123 998,327	13,177	12,712
8	12	99 187	72 474,825	1 712 462,782	23,628	23,164	58	62	86 894	8 934,240	114 587,994	12,826	12,361
9	13	99 173	69 677,621	1 639 987,957	23,537	23,072	59	63	85 695	8 472,078	105 653,754	12,471	12,006
10	14	99 157	66 987,039	1 570 310,337	23,442	22,977	60	64	84 376	8 020,849	97 181,676	12,116	11,651
11	15	99 141	64 399,877	1 503 323,297	23,344	22,879	61	65	82 951	7 582,076	89 160,827	11,759	11,295
12	16	99 122	61 911,510	1 438 923,420	23,242	22,777	62	66	81 415	7 155,426	81 578,751	11,401	10,936
13	17	99 101	59 517,419	1 377 011,910	23,136	22,671	63	67	79 753	6 739,805	74 423,325	11,042	10,578
14	18	99 079	57 215,550	1 317 494,491	23,027	22,562	64	68	77 983	6 336,768	67 683,521	10,681	10,216
15	19	99 050	54 999,227	1 260 278,941	22,914	22,450	65	69	76 097	5 945,637	61 346,752	10,318	9,853
16	20	99 019	52 866,961	1 205 279,714	22,798	22,334	66	70	74 063	5 564,196	55 401,115	9,957	9,492
17	21	98 980	50 813,674	1 152 412,753	22,679	22,214	67	71	71 905	5 194,282	49 836,919	9,595	9,130
18	22	98 937	48 837,980	1 101 599,079	22,556	22,091	68	72	69 630	4 836,451	44 642,637	9,230	8,766
19	23	98 882	46 933,594	1 052 761,099	22,431	21,966	69	73	67 242	4 490,957	39 806,186	8,864	8,399
20	24	98 826	45 102,867	1 005 827,505	22,301	21,836	70	74	64 723	4 156,442	35 315,229	8,497	8,032
21	25	98 769	43 343,125	960 724,638	22,166	21,701	71	75	62 115	3 835,542	31 158,787	8,124	7,659
22	26	98 710	41 651,126	917 381,513	22,025	21,561	72	76	59 347	3 523,698	27 323,245	7,754	7,289
23	27	98 651	40 025,235	875 730,386	21,879	21,415	73	77	56 507	3 226,046	23 799,548	7,377	6,912
24	28	98 589	38 461,562	835 705,151	21,728	21,263	74	78	53 564	2 940,422	20 573,502	6,997	6,532
25	29	98 520	36 956,534	797 243,589	21,572	21,108	75	79	50 482	2 664,637	17 633,079	6,617	6,153
26	30	98 452	35 510,668	760 287,055	21,410	20,945	76	80	47 252	2 398,193	14 968,443	6,242	5,777
27	31	98 381	34 120,176	724 776,387	21,242	20,777	77	81	43 879	2 141,336	12 570,250	5,870	5,405
28	32	98 305	32 782,547	690 656,211	21,068	20,603	78	82	40 410	1 896,215	10 428,913	5,500	5,035
29	33	98 227	31 496,516	657 873,664	20,887	20,422	79	83	36 788	1 659,880	8 532,698	5,141	4,676
30	34	98 144	30 259,570	626 377,148	20,700	20,235	80	84	33 038	1 433,341	6 872,819	4,795	4,330
31	35	98 055	29 069,272	596 117,578	20,507	20,042	81	85	29 205	1 218,319	5 439,478	4,465	4,000
32	36	97 953	27 922,145	567 048,306	20,308	19,843	82	86	25 370	1 017,635	4 221,158	4,148	3,683
33	37	97 846	26 819,020	539 126,161	20,102	19,638	83	87	21 596	832,934	3 203,523	3,846	3,381
34	38	97 728	25 756,428	512 307,141	19,890	19,426	84	88	17 919	664,532	2 370,590	3,567	3,102
35	39	97 605	24 734,678	486 550,713	19,671	19,206	85	89	14 466	515,822	1 706,057	3,307	2,843
36	40	97 468	23 749,926	461 816,034	19,445	18,980	86	90	11 318	388,062	1 190,235	3,067	2,602
37	41	97 320	22 801,854	438 066,109	19,212	18,747	87	91	8 546	281,748	802,173	2,847	2,382
38	42	97 152	21 886,935	415 264,255	18,973	18,508	88	92	6 208	196,804	520,425	2,644	2,180
39	43	96 975	21 006,784	393 377,320	18,726	18,261	89	93	4 302	131,121	323,621	2,468	2,003
40	44	96 776	20 157,437	372 370,536	18,473	18,008	90	94	2 839	83,205	192,501	2,314	1,849
41	45	96 565	19 339,855	352 213,098	18,212	17,747	91	95	1 786	50,342	109,295	2,171	1,706
42	46	96 321	18 549,062	332 873,244	17,946	17,481	92	96	1 065	28,854	58,953	2,043	1,578
43	47	96 071	17 789,315	314 324,182	17,669	17,204	93	97	596	15,517	30,099	1,940	1,475
44	48	95 793	17 055,643	296 534,867	17,386	16,921	94	98	317	7,945	14,582	1,835	1,370
45	49	95 482	16 346,386	279 479,224	17,097	16,632	95	99	158	3,798	6,636	1,747	1,282
46	50	95 142	15 661,720	263 132,838	16,801	16,336	96	100	73	1,701	2,838	1,669	1,204
47	51	94 771	15 000,572	247 471,119	16,497	16,033							
48	52	94 354	14 360,116	232 470,547	16,189	15,724							
49	53	93 898	13 741,208	218 110,431	15,873	15,408							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	2 404 563,093	24,129	23,664	50	55	93 133	13 105,050	201 700,985	15,391	14,926
1	6	99 312	95 492,540	2 304 906,669	24,137	23,672	51	56	92 545	12 521,425	188 595,935	15,062	14,597
2	7	99 281	91 790,857	2 209 414,129	24,070	23,605	52	57	91 902	11 956,186	176 074,510	14,727	14,262
3	8	99 263	88 244,496	2 117 623,272	23,997	23,532	53	58	91 191	11 407,383	164 118,324	14,387	13,922
4	9	99 244	84 834,304	2 029 378,776	23,922	23,457	54	59	90 401	10 873,554	152 710,941	14,044	13,579
5	10	99 228	81 557,804	1 944 544,471	23,843	23,378	55	60	89 531	10 354,764	141 837,388	13,698	13,233
6	11	99 213	78 409,479	1 862 986,667	23,760	23,295	56	61	88 566	9 849,129	131 482,624	13,350	12,885
7	12	99 196	75 381,144	1 784 577,188	23,674	23,209	57	62	87 513	9 357,765	121 633,495	12,998	12,533
8	13	99 181	72 470,245	1 709 196,044	23,585	23,125	58	63	86 362	8 879,546	112 275,730	12,644	12,179
9	14	99 165	69 672,113	1 636 725,800	23,492	23,027	59	64	85 116	8 414,805	103 396,184	12,287	11,823
10	15	99 148	66 980,860	1 567 053,686	23,396	22,931	60	65	83 751	7 961,424	94 981,379	11,930	11,465
11	16	99 129	64 392,421	1 500 072,826	23,296	22,831	61	66	82 286	7 521,315	87 019,955	11,570	11,105
12	17	99 110	61 903,245	1 435 680,405	23,192	22,727	62	67	80 702	7 092,760	79 498,640	11,208	10,744
13	18	99 088	59 509,702	1 373 776,809	23,085	22,620	63	68	79 007	6 676,734	72 405,879	10,845	10,380
14	19	99 063	57 206,263	1 314 267,107	22,974	22,509	64	69	77 188	6 272,108	65 729,145	10,480	10,015
15	20	99 034	54 990,186	1 257 060,844	22,860	22,395	65	70	75 218	5 876,987	59 457,037	10,117	9,652
16	21	99 003	52 858,496	1 202 070,658	22,741	22,277	66	71	73 134	5 494,355	53 580,050	9,752	9,287
17	22	98 963	50 805,046	1 149 212,350	22,620	22,155	67	72	70 912	5 122,525	48 085,695	9,387	8,922
18	23	98 920	48 829,786	1 098 407,304	22,495	22,030	68	73	68 589	4 764,156	42 963,169	9,018	8,553
19	24	98 866	46 925,918	1 049 577,518	22,367	21,902	69	74	66 116	4 415,796	38 199,013	8,651	8,186
20	25	98 810	45 095,458	1 002 651,600	22,234	21,769	70	75	63 545	4 080,827	33 783,216	8,279	7,814
21	26	98 750	43 334,698	957 556,142	22,097	21,632	71	76	60 865	3 758,371	29 702,389	7,903	7,438
22	27	98 692	41 643,703	914 221,443	21,953	21,489	72	77	58 033	3 445,652	25 944,018	7,529	7,065
23	28	98 630	40 016,840	872 577,741	21,805	21,340	73	78	55 155	3 148,820	22 498,366	7,145	6,680
24	29	98 565	38 452,409	832 560,901	21,652	21,187	74	79	52 107	2 860,421	19 349,547	6,765	6,300
25	30	98 496	36 947,414	794 108,492	21,493	21,028	75	80	48 927	2 582,544	16 489,126	6,385	5,920
26	31	98 424	35 500,627	757 161,078	21,328	20,863	76	81	45 586	2 313,629	13 906,582	6,011	5,546
27	32	98 349	34 109,189	721 660,452	21,157	20,693	77	82	42 105	2 054,793	11 592,953	5,642	5,177
28	33	98 272	32 771,535	687 551,263	20,980	20,515	78	83	38 511	1 807,088	9 538,160	5,278	4,813
29	34	98 192	31 485,486	654 779,728	20,796	20,331	79	84	34 758	1 568,261	7 731,071	4,930	4,465
30	35	98 106	30 248,017	623 294,242	20,606	20,141	80	85	30 931	1 341,911	6 162,810	4,593	4,128
31	36	98 009	29 055,698	593 046,225	20,411	19,946	81	86	27 053	1 128,537	4 820,899	4,272	3,807
32	37	97 906	27 908,830	563 990,527	20,208	19,743	82	87	23 207	930,853	3 692,362	3,967	3,502
33	38	97 797	26 805,478	536 081,697	19,999	19,534	83	88	19 456	750,394	2 761,510	3,680	3,215
34	39	97 674	25 742,156	509 276,218	19,784	19,319	84	89	15 889	589,238	2 011,115	3,413	2,948
35	40	97 542	24 718,585	483 534,062	19,562	19,097	85	90	12 602	449,381	1 421,877	3,164	2,699
36	41	97 406	23 734,889	458 815,477	19,331	18,866	86	91	9 653	330,971	972,496	2,938	2,473
37	42	97 249	22 785,142	435 080,588	19,095	18,630	87	92	7 128	234,998	641,525	2,730	2,265
38	43	97 074	21 869,275	412 295,447	18,853	18,388	88	93	5 041	159,815	406,526	2,544	2,079
39	44	96 888	20 987,968	390 426,171	18,602	18,138	89	94	3 401	103,656	246,711	2,380	1,915
40	45	96 685	20 138,371	369 438,203	18,345	17,880	90	95	2 188	64,113	143,055	2,231	1,766
41	46	96 461	19 319,052	349 299,832	18,081	17,616	91	96	1 332	37,542	78,941	2,103	1,638
42	47	96 207	18 527,096	329 980,780	17,811	17,346	92	97	767	20,795	41,399	1,991	1,526
43	48	95 946	17 766,200	311 453,684	17,531	17,066	93	98	420	10,944	20,604	1,883	1,418
44	49	95 648	17 029,768	293 687,484	17,246	16,781	94	99	216	5,411	9,661	1,785	1,321
45	50	95 321	16 318,857	276 657,716	16,953	16,488	95	100	104	2,495	4,250	1,704	1,239
46	51	94 967	15 632,841	260 338,859	16,653	16,189							
47	52	94 574	14 969,423	244 706,018	16,347	15,882							
48	53	94 146	14 328,460	229 736,595	16,034	15,569							
49	54	93 666	13 707,149	215 408,135	15,715	15,250							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	2 401 012,771	24,095	23,630	50	56	92 844	13 064,262	198 851,082	15,221	14,756
1	7	99 305	95 485,568	2 301 363,118	24,102	23,637	51	57	92 232	12 479,083	185 786,820	14,888	14,423
2	8	99 276	91 786,485	2 205 877,550	24,033	23,568	52	58	91 557	11 911,275	173 307,737	14,550	14,085
3	9	99 256	88 238,136	2 114 091,065	23,959	23,494	53	59	90 811	11 359,773	161 396,462	14,208	13,743
4	10	99 239	84 829,795	2 025 852,929	23,881	23,417	54	60	89 982	10 823,161	150 036,689	13,863	13,398
5	11	99 222	81 553,270	1 941 023,133	23,801	23,336	55	61	89 072	10 301,677	139 213,528	13,514	13,049
6	12	99 205	78 403,449	1 859 469,863	23,717	23,252	56	62	88 071	9 794,110	128 911,851	13,162	12,697
7	13	99 190	75 376,380	1 781 066,414	23,629	23,164	57	63	86 977	9 300,478	119 117,742	12,808	12,343
8	14	99 173	72 464,517	1 705 690,034	23,538	23,073	58	64	85 779	8 819,518	109 817,264	12,452	11,987
9	15	99 156	69 665,686	1 633 225,518	23,444	22,979	59	65	84 485	8 352,461	100 997,745	12,092	11,627
10	16	99 137	66 973,105	1 563 559,831	23,346	22,881	60	66	83 080	7 897,624	92 645,284	11,731	11,266
11	17	99 117	64 384,189	1 496 586,726	23,245	22,780	61	67	81 566	7 455,446	84 747,660	11,367	10,902
12	18	99 097	61 895,570	1 432 202,537	23,139	22,674	62	68	79 946	7 026,387	77 292,215	11,000	10,535
13	19	99 072	59 500,043	1 370 306,967	23,030	22,566	63	69	78 201	6 608,605	70 265,828	10,632	10,168
14	20	99 046	57 196,860	1 310 806,925	22,917	22,453	64	70	76 296	6 199,689	63 657,223	10,268	9,803
15	21	99 018	54 981,186	1 253 610,065	22,801	22,336	65	71	74 274	5 803,221	57 457,535	9,901	9,436
16	22	98 986	52 849,333	1 198 628,879	22,680	22,215	66	72	72 123	5 418,454	51 654,314	9,533	9,068
17	23	98 947	50 796,522	1 145 779,546	22,556	22,091	67	73	69 852	5 045,954	46 235,860	9,163	8,698
18	24	98 904	48 821,800	1 094 983,024	22,428	21,963	68	74	67 441	4 684,423	41 189,906	8,793	8,328
19	25	98 850	46 918,209	1 046 161,224	22,298	21,833	69	75	64 914	4 335,464	36 505,483	8,420	7,955
20	26	98 790	45 086,691	999 243,015	22,163	21,698	70	76	62 267	3 998,721	32 170,019	8,045	7,580
21	27	98 732	43 326,975	954 156,324	22,022	21,557	71	77	59 517	3 675,128	28 171,298	7,665	7,201
22	28	98 671	41 634,968	910 829,350	21,877	21,412	72	78	56 643	3 363,168	24 496,170	7,284	6,819
23	29	98 607	40 007,316	869 194,382	21,726	21,261	73	79	53 654	3 063,148	21 133,002	6,899	6,434
24	30	98 541	38 442,920	829 187,066	21,569	21,104	74	80	50 502	2 772,296	18 069,854	6,518	6,053
25	31	98 468	36 936,966	790 744,146	21,408	20,943	75	81	47 202	2 491,479	15 297,558	6,140	5,675
26	32	98 393	35 489,195	753 807,180	21,240	20,776	76	82	43 743	2 220,123	12 806,079	5,768	5,303
27	33	98 316	34 097,731	718 317,984	21,066	20,602	77	83	40 126	1 958,213	10 585,956	5,406	4,941
28	34	98 238	32 760,057	684 220,253	20,886	20,421	78	84	36 385	1 707,345	8 627,742	5,053	4,588
29	35	98 155	31 473,465	651 460,196	20,699	20,234	79	85	32 541	1 468,225	6 920,398	4,713	4,249
30	36	98 061	30 233,893	619 986,731	20,506	20,042	80	86	28 651	1 243,021	5 452,172	4,386	3,921
31	37	97 962	29 041,843	589 752,838	20,307	19,842	81	87	24 746	1 032,297	4 209,152	4,077	3,613
32	38	97 856	27 894,738	560 710,995	20,101	19,636	82	88	20 907	838,610	3 176,855	3,788	3,323
33	39	97 742	26 790,625	532 816,257	19,888	19,423	83	89	17 252	665,372	2 338,245	3,514	3,049
34	40	97 610	25 725,407	506 025,632	19,670	19,205	84	90	13 842	513,341	1 672,874	3,259	2,794
35	41	97 480	24 702,935	480 300,225	19,443	18,978	85	91	10 748	383,269	1 159,533	3,025	2,561
36	42	97 335	23 717,493	455 597,290	19,209	18,745	86	92	8 051	276,054	776,264	2,812	2,347
37	43	97 171	22 766,757	431 879,797	18,970	18,505	87	93	5 788	190,831	500,210	2,621	2,156
38	44	96 987	21 849,687	409 113,040	18,724	18,259	88	94	3 985	126,341	309,378	2,449	1,984
39	45	96 797	20 968,117	387 263,352	18,469	18,004	89	95	2 620	79,872	183,038	2,292	1,827
40	46	96 581	20 116,709	366 295,236	18,209	17,744	90	96	1 631	47,812	103,166	2,158	1,693
41	47	96 347	19 296,174	346 178,526	17,940	17,475	91	97	960	27,056	55,354	2,046	1,581
42	48	96 082	18 503,023	326 882,352	17,666	17,202	92	98	541	14,666	28,297	1,929	1,465
43	49	95 801	17 739,247	308 379,330	17,384	16,919	93	99	286	7,452	13,632	1,829	1,364
44	50	95 487	17 001,089	290 640,083	17,095	16,631	94	100	142	3,553	6,179	1,739	1,274
45	51	95 146	16 288,767	273 638,994	16,799	16,334							
46	52	94 770	15 600,379	257 350,227	16,496	16,032							
47	53	94 366	14 936,424	241 749,848	16,185	15,720							
48	54	93 912	14 292,946	226 813,424	15,869	15,404							
49	55	93 408	13 669,396	212 520,478	15,547	15,082							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	2 397 213,060	24,058	23,593	50	57	92 530	13 020,084	195 816,083	15,040	14,575
1	8	99 300	95 481,020	2 297 570,683	24,063	23,598	51	58	91 886	12 432,208	182 795,999	14,703	14,239
2	9	99 269	91 779,870	2 202 089,663	23,993	23,528	52	59	91 175	11 861,562	170 363,791	14,363	13,898
3	10	99 251	88 233,446	2 110 309,792	23,917	23,453	53	60	90 390	11 307,127	158 502,229	14,018	13,553
4	11	99 233	84 825,079	2 022 076,346	23,838	23,373	54	61	89 520	10 767,672	147 195,102	13,670	13,205
5	12	99 214	81 546,998	1 937 251,267	23,756	23,291	55	62	88 575	10 244,130	136 427,430	13,318	12,853
6	13	99 199	78 398,494	1 855 704,268	23,670	23,205	56	63	87 532	9 734,151	126 183,300	12,963	12,498
7	14	99 182	75 370,422	1 777 305,774	23,581	23,116	57	64	86 389	9 237,605	116 449,149	12,606	12,141
8	15	99 164	72 457,832	1 701 935,352	23,489	23,024	58	65	85 143	8 754,176	107 211,544	12,247	11,782
9	16	99 145	69 657,621	1 629 477,520	23,393	22,928	59	66	83 808	8 285,527	98 457,368	11,883	11,418
10	17	99 124	66 964,543	1 559 819,899	23,293	22,828	60	67	82 352	7 828,458	90 171,841	11,518	11,054
11	18	99 104	64 375,842	1 492 855,356	23,190	22,725	61	68	80 802	7 385,678	82 343,382	11,149	10,684
12	19	99 081	61 885,523	1 428 479,514	23,083	22,618	62	69	79 131	6 954,690	74 957,704	10,778	10,313
13	20	99 056	59 490,263	1 366 593,991	22,972	22,507	63	70	77 298	6 532,300	68 003,014	10,410	9,945
14	21	99 030	57 187,498	1 307 103,728	22,856	22,392	64	71	75 339	6 121,871	61 470,715	10,041	9,576
15	22	99 001	54 971,850	1 249 916,231	22,737	22,273	65	72	73 248	5 723,052	55 348,843	9,671	9,206
16	23	98 969	52 840,466	1 194 944,381	22,614	22,149	66	73	71 045	5 337,459	49 625,791	9,298	8,833
17	24	98 930	50 788,214	1 142 103,915	22,488	22,023	67	74	68 683	4 961,505	44 288,332	8,926	8,462
18	25	98 888	48 813,780	1 091 315,701	22,357	21,892	68	75	66 214	4 599,204	39 326,827	8,551	8,086
19	26	98 830	46 909,087	1 042 501,921	22,224	21,759	69	76	63 608	4 248,234	34 727,623	8,175	7,710
20	27	98 773	45 078,655	995 592,834	22,086	21,621	70	77	60 887	3 910,154	30 479,389	7,795	7,330
21	28	98 711	43 317,887	950 514,179	21,943	21,478	71	78	58 092	3 587,151	26 569,235	7,407	6,942
22	29	98 648	41 625,059	907 196,292	21,794	21,330	72	79	55 102	3 271,665	22 982,084	7,025	6,560
23	30	98 582	39 997,444	865 571,233	21,641	21,176	73	80	52 001	2 968,778	19 710,419	6,639	6,174
24	31	98 513	38 432,049	825 573,789	21,481	21,017	74	81	48 721	2 674,540	16 741,642	6,260	5,795
25	32	98 436	36 925,072	787 141,740	21,317	20,852	75	82	45 294	2 390,786	14 067,101	5,884	5,419
26	33	98 360	35 477,274	750 216,668	21,146	20,682	76	83	41 687	2 115,772	11 676,316	5,519	5,054
27	34	98 282	34 085,789	714 739,394	20,969	20,504	77	84	37 911	1 850,128	9 560,544	5,168	4,703
28	35	98 200	32 747,550	680 653,604	20,785	20,320	78	85	34 064	1 598,437	7 710,415	4,824	4,359
29	36	98 109	31 458,768	647 906,055	20,595	20,131	79	86	30 143	1 360,026	6 111,979	4,494	4,029
30	37	98 014	30 219,476	616 447,286	20,399	19,934	80	87	26 208	1 137,018	4 751,953	4,179	3,714
31	38	97 913	29 027,179	586 227,810	20,196	19,731	81	88	22 294	930,002	3 614,935	3,887	3,422
32	39	97 802	27 879,282	557 200,632	19,986	19,521	82	89	18 538	743,592	2 684,934	3,611	3,146
33	40	97 679	26 773,194	529 321,350	19,771	19,306	83	90	15 030	579,668	1 941,341	3,349	2,884
34	41	97 549	25 709,120	502 548,156	19,547	19,083	84	91	11 806	437,820	1 361,674	3,110	2,645
35	42	97 409	24 684,829	476 839,037	19,317	18,852	85	92	8 965	319,674	923,854	2,890	2,425
36	43	97 256	23 698,356	452 154,207	19,080	18,615	86	93	6 538	224,171	604,180	2,695	2,230
37	44	97 084	22 746,365	428 455,851	18,836	18,371	87	94	4 576	150,860	380,009	2,519	2,054
38	45	96 895	21 829,021	405 709,486	18,586	18,121	88	95	3 071	97,351	229,149	2,354	1,889
39	46	96 692	20 945,562	383 880,465	18,328	17,863	89	96	1 954	59,564	131,798	2,213	1,748
40	47	96 466	20 092,887	362 934,903	18,063	17,598	90	97	1 176	34,458	72,234	2,096	1,631
41	48	96 222	19 271,101	342 842,016	17,790	17,326	91	98	677	19,082	37,777	1,980	1,515
42	49	95 936	18 474,952	323 570,914	17,514	17,049	92	99	369	9,987	18,695	1,872	1,407
43	50	95 639	17 709,373	305 095,963	17,228	16,763	93	100	188	4,894	8,708	1,779	1,314
44	51	95 311	16 969,740	287 386,590	16,935	16,470							
45	52	94 948	16 254,943	270 416,850	16,636	16,171							
46	53	94 561	15 565,989	254 161,907	16,328	15,863							
47	54	94 132	14 899,403	238 595,917	16,014	15,549							
48	55	93 654	14 253,579	223 696,514	15,694	15,229							
49	56	93 117	13 626,852	209 442,935	15,370	14,905							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	2 393 154,070	24,019	23,554	50	58	92 182	12 971,177	192 591,754	14,848	14,383
1	9	99 293	95 474,139	2 293 516,438	24,022	23,558	51	59	91 502	12 380,321	179 620,577	14,509	14,044
2	10	99 264	91 774,992	2 198 042,300	23,950	23,486	52	60	90 752	11 806,590	167 240,256	14,165	13,700
3	11	99 245	88 228,541	2 106 267,307	23,873	23,408	53	61	89 926	11 249,157	155 433,666	13,817	13,353
4	12	99 226	84 818,556	2 018 038,766	23,792	23,328	54	62	89 020	10 707,522	144 184,508	13,466	13,001
5	13	99 208	81 541,845	1 933 220,210	23,708	23,243	55	63	88 032	10 181,416	133 476,986	13,110	12,645
6	14	99 191	78 392,298	1 851 678,366	23,621	23,156	56	64	86 940	9 668,346	123 295,570	12,752	12,288
7	15	99 173	75 363,469	1 773 286,068	23,530	23,065	57	65	85 749	9 169,165	113 627,224	12,392	11,927
8	16	99 152	72 449,443	1 697 922,599	23,436	22,971	58	66	84 461	8 684,023	104 495,058	12,029	11,564
9	17	99 132	69 648,716	1 625 473,155	23,338	22,873	59	67	83 074	8 212,965	95 774,035	11,661	11,197
10	18	99 111	66 955,861	1 555 824,440	23,237	22,772	60	68	81 582	7 755,200	87 561,071	11,291	10,826
11	19	99 088	64 365,392	1 488 868,578	23,132	22,667	61	69	79 978	7 310,315	79 805,871	10,917	10,452
12	20	99 064	61 875,351	1 424 503,186	23,022	22,557	62	70	78 217	6 874,389	72 495,556	10,546	10,081
13	21	99 039	59 480,525	1 362 627,835	22,909	22,444	63	71	76 327	6 450,308	65 621,167	10,173	9,709
14	22	99 013	57 177,788	1 303 147,310	22,791	22,326	64	72	74 298	6 037,301	59 170,859	9,801	9,336
15	23	98 985	54 962,627	1 245 969,522	22,669	22,205	65	73	72 153	5 637,505	53 133,558	9,425	8,960
16	24	98 953	52 831,823	1 191 006,895	22,543	22,079	66	74	69 856	5 248,131	47 496,054	9,050	8,585
17	25	98 914	50 779,871	1 138 175,072	22,414	21,949	67	75	67 433	4 871,245	42 247,922	8,673	8,208
18	26	98 869	48 804,290	1 087 395,201	22,281	21,816	68	76	64 882	4 506,668	37 376,678	8,294	7,829
19	27	98 813	46 900,726	1 038 590,911	22,144	21,680	69	77	62 199	4 154,141	32 870,010	7,913	7,448
20	28	98 752	45 069,200	991 690,185	22,004	21,539	70	78	59 430	3 816,551	28 715,869	7,524	7,059
21	29	98 688	43 307,578	946 620,985	21,858	21,393	71	79	56 512	3 489,553	24 899,318	7,135	6,671
22	30	98 624	41 614,788	903 313,408	21,707	21,242	72	80	53 405	3 170,870	21 409,765	6,752	6,287
23	31	98 554	39 986,133	861 698,620	21,550	21,085	73	81	50 167	2 864,094	18 238,894	6,368	5,903
24	32	98 481	38 419,674	821 712,487	21,388	20,923	74	82	46 752	2 566,448	15 374,800	5,991	5,526
25	33	98 403	36 912,669	783 292,814	21,220	20,755	75	83	43 165	2 278,413	12 808,352	5,622	5,157
26	34	98 325	35 464,849	746 380,145	21,046	20,581	76	84	39 386	1 998,990	10 529,939	5,268	4,803
27	35	98 244	34 072,776	710 915,296	20,865	20,400	77	85	35 493	1 732,112	8 530,949	4,925	4,460
28	36	98 154	32 732,259	676 842,520	20,678	20,213	78	86	31 554	1 480,642	6 798,837	4,592	4,127
29	37	98 062	31 443,767	644 110,261	20,485	20,020	79	87	27 572	1 244,045	5 318,195	4,275	3,810
30	38	97 964	30 204,217	612 666,494	20,284	19,819	80	88	23 611	1 024,345	4 074,150	3,977	3,513
31	39	97 858	29 011,095	582 462,277	20,077	19,612	81	89	19 768	824,629	3 049,805	3,698	3,234
32	40	97 739	27 861,142	553 451,183	19,865	19,400	82	90	16 150	647,813	2 225,176	3,435	2,970
33	41	97 617	26 756,243	525 590,041	19,644	19,179	83	91	12 818	494,389	1 577,363	3,191	2,726
34	42	97 477	25 690,276	498 833,798	19,417	18,952	84	92	9 847	365,173	1 082,975	2,966	2,501
35	43	97 330	24 664,912	473 143,521	19,183	18,718	85	93	7 280	259,593	717,802	2,765	2,300
36	44	97 169	23 677,130	448 478,609	18,941	18,477	86	94	5 169	177,216	458,209	2,586	2,121
37	45	96 992	22 724,851	424 801,480	18,693	18,228	87	95	3 526	116,244	280,993	2,417	1,952
38	46	96 791	21 805,540	402 076,629	18,439	17,974	88	96	2 290	72,599	164,749	2,269	1,804
39	47	96 578	20 920,759	380 271,089	18,177	17,712	89	97	1 408	42,927	92,149	2,147	1,682
40	48	96 341	20 066,779	359 350,330	17,908	17,443	90	98	829	24,302	49,222	2,025	1,561
41	49	96 076	19 241,865	339 283,551	17,633	17,168	91	99	461	12,994	24,921	1,918	1,453
42	50	95 775	18 443,838	320 041,686	17,352	16,887	92	100	242	6,559	11,927	1,818	1,354
43	51	95 463	17 676,719	301 597,847	17,062	16,597							
44	52	95 113	16 934,502	283 921,129	16,766	16,301							
45	53	94 739	16 219,110	266 986,626	16,461	15,996							
46	54	94 326	15 527,408	250 767,516	16,150	15,685							
47	55	93 872	14 858,366	235 240,108	15,832	15,367							
48	56	93 362	14 209,216	220 381,742	15,510	15,045							
49	57	92 802	13 580,771	206 172,525	15,181	14,716							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	2 388 822,883	23,977	23,512	50	59	91 797	12 917,041	189 175,631	14,645	14,181
1	10	99 288	95 469,064	2 289 192,432	23,978	23,514	51	60	91 078	12 322,945	176 258,590	14,303	13,838
2	11	99 258	91 769,890	2 193 723,368	23,905	23,440	52	61	90 287	11 746,060	163 935,645	13,957	13,492
3	12	99 237	88 221,756	2 101 953,478	23,826	23,361	53	62	89 424	11 186,317	152 189,585	13,605	13,140
4	13	99 219	84 813,196	2 013 731,722	23,743	23,278	54	63	88 475	10 641,972	141 003,267	13,250	12,785
5	14	99 200	81 535,400	1 928 918,526	23,657	23,193	55	64	87 437	10 112,588	130 361,296	12,891	12,426
6	15	99 182	78 385,066	1 847 383,126	23,568	23,103	56	65	86 296	9 596,715	120 248,708	12,530	12,065
7	16	99 162	75 354,744	1 768 998,060	23,476	23,011	57	66	85 062	9 095,686	110 651,992	12,165	11,701
8	17	99 139	72 440,181	1 693 643,316	23,380	22,915	58	67	83 721	8 607,970	101 556,306	11,798	11,333
9	18	99 119	69 639,686	1 621 203,135	23,280	22,815	59	68	82 297	8 136,108	92 948,336	11,424	10,959
10	19	99 095	66 944,993	1 551 563,449	23,177	22,712	60	69	80 749	7 676,066	84 812,227	11,049	10,584
11	20	99 071	64 354,813	1 484 618,456	23,069	22,604	61	70	79 054	7 225,908	77 136,161	10,675	10,210
12	21	99 048	61 865,223	1 420 263,644	22,957	22,493	62	71	77 235	6 788,103	69 910,253	10,299	9,834
13	22	99 023	59 470,426	1 358 398,421	22,842	22,377	63	72	75 273	6 361,200	63 122,150	9,923	9,458
14	23	98 997	57 168,194	1 298 927,995	22,721	22,256	64	73	73 187	5 947,056	56 760,950	9,544	9,080
15	24	98 968	54 953,637	1 241 759,800	22,596	22,132	65	74	70 945	5 543,155	50 813,894	9,167	8,702
16	25	98 937	52 823,145	1 186 806,163	22,468	22,003	66	75	68 585	5 152,657	45 270,739	8,786	8,321
17	26	98 895	50 769,998	1 133 983,018	22,336	21,871	67	76	66 076	4 773,236	40 118,082	8,405	7,940
18	27	98 851	48 795,591	1 083 213,020	22,199	21,734	68	77	63 445	4 406,850	35 344,847	8,020	7,556
19	28	98 792	46 890,889	1 034 417,429	22,060	21,595	69	78	60 710	4 054,697	30 937,997	7,630	7,165
20	29	98 729	45 058,473	987 526,540	21,917	21,452	70	79	57 813	3 712,712	26 883,299	7,241	6,776
21	30	98 664	43 296,891	942 468,066	21,768	21,303	71	80	54 770	3 382,046	23 170,587	6,851	6,386
22	31	98 596	41 603,020	899 171,175	21,613	21,148	72	81	51 522	3 059,061	19 788,541	6,469	6,004
23	32	98 523	39 973,257	857 568,156	21,454	20,989	73	82	48 140	2 748,341	16 729,481	6,087	5,622
24	33	98 448	38 406,768	817 594,899	21,288	20,823	74	83	44 554	2 445,819	13 981,140	5,716	5,252
25	34	98 369	36 899,741	779 188,130	21,116	20,652	75	84	40 783	2 152,654	11 535,321	5,359	4,894
26	35	98 288	35 451,309	742 288,389	20,938	20,473	76	85	36 874	1 871,479	9 382,667	5,014	4,549
27	36	98 198	34 056,866	706 837,081	20,755	20,290	77	86	32 877	1 604,466	7 511,188	4,681	4,217
28	37	98 108	32 716,650	672 780,215	20,564	20,099	78	87	28 863	1 354,375	5 906,722	4,361	3,896
29	38	98 013	31 427,890	640 063,565	20,366	19,901	79	88	24 840	1 120,767	4 552,347	4,062	3,597
30	39	97 910	30 187,481	608 635,675	20,162	19,697	80	89	20 936	908,283	3 431,580	3,778	3,313
31	40	97 795	28 992,219	578 448,194	19,952	19,487	81	90	17 222	718,411	2 523,297	3,512	3,048
32	41	97 677	27 843,502	549 455,975	19,734	19,269	82	91	13 774	552,509	1 804,886	3,267	2,802
33	42	97 545	26 736,632	521 612,473	19,509	19,044	83	92	10 692	412,356	1 252,377	3,037	2,572
34	43	97 398	25 669,548	494 875,841	19,279	18,814	84	93	7 996	296,540	840,022	2,833	2,368
35	44	97 243	24 642,820	469 206,293	19,040	18,575	85	94	5 755	205,219	543,482	2,648	2,183
36	45	97 077	23 654,735	444 563,473	18,794	18,329	86	95	3 983	136,553	338,263	2,477	2,012
37	46	96 887	22 700,407	420 908,738	18,542	18,077	87	96	2 629	86,689	201,710	2,327	1,862
38	47	96 676	21 779,718	398 208,332	18,283	17,819	88	97	1 650	52,321	115,021	2,198	1,734
39	48	96 452	20 893,575	376 428,614	18,016	17,552	89	98	993	30,275	62,700	2,071	1,606
40	49	96 195	20 036,336	355 535,039	17,745	17,280	90	99	565	16,549	32,425	1,959	1,495
41	50	95 914	19 209,460	335 498,703	17,465	17,000	91	100	303	8,534	15,877	1,860	1,396
42	51	95 598	18 409,830	316 289,242	17,180	16,716							
43	52	95 265	17 640,013	297 879,413	16,887	16,422							
44	53	94 903	16 897,172	280 239,400	16,585	16,120							
45	54	94 504	16 178,910	263 342,228	16,277	15,812							
46	55	94 066	15 484,641	247 163,318	15,962	15,497							
47	56	93 580	14 812,121	231 678,677	15,641	15,176							
48	57	93 046	14 161,167	216 866,556	15,314	14,849							
49	58	92 454	13 529,758	202 705,389	14,982	14,517							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	2 384 211,714	23,932	23,467	50	60	91 372	12 857,177	185 566,155	14,433	13,968
1	11	99 282	95 463,757	2 284 586,558	23,931	23,467	51	61	90 611	12 259,767	172 708,977	14,087	13,623
2	12	99 251	91 762,833	2 189 122,801	23,856	23,391	52	62	89 783	11 680,445	160 449,210	13,737	13,272
3	13	99 231	88 216,181	2 097 359,969	23,775	23,310	53	63	88 877	11 117,836	148 768,765	13,381	12,916
4	14	99 212	84 806,492	2 009 143,788	23,691	23,226	54	64	87 877	10 570,030	137 650,929	13,023	12,558
5	15	99 191	81 527,878	1 924 337,296	23,603	23,139	55	65	86 789	10 037,666	127 080,900	12,660	12,196
6	16	99 171	78 375,991	1 842 809,418	23,512	23,048	56	66	85 604	9 519,810	117 043,234	12,295	11,830
7	17	99 149	75 345,111	1 764 433,427	23,418	22,953	57	67	84 317	9 016,029	107 523,423	11,926	11,461
8	18	99 127	72 430,789	1 689 088,316	23,320	22,855	58	68	82 938	8 527,418	98 507,395	11,552	11,087
9	19	99 103	69 628,382	1 616 657,527	23,218	22,754	59	69	81 457	8 053,088	89 979,977	11,173	10,709
10	20	99 079	66 933,989	1 547 029,145	23,113	22,648	60	70	79 817	7 587,436	81 926,890	10,798	10,333
11	21	99 055	64 344,279	1 480 095,156	23,003	22,538	61	71	78 062	7 135,210	74 339,453	10,419	9,954
12	22	99 031	61 854,719	1 415 750,877	22,888	22,424	62	72	76 168	6 694,329	67 204,244	10,039	9,574
13	23	99 006	59 460,448	1 353 896,158	22,770	22,305	63	73	74 148	6 266,114	60 509,915	9,657	9,192
14	24	98 981	57 158,844	1 294 435,710	22,646	22,181	64	74	71 962	5 847,526	54 243,801	9,276	8,812
15	25	98 952	54 944,610	1 237 276,866	22,519	22,054	65	75	69 655	5 442,313	48 396,275	8,893	8,428
16	26	98 918	52 812,875	1 182 332,256	22,387	21,922	66	76	67 205	5 048,985	42 953,962	8,507	8,043
17	27	98 877	50 760,949	1 129 519,381	22,252	21,787	67	77	64 613	4 667,514	37 904,977	8,121	7,656
18	28	98 830	48 785,356	1 078 758,432	22,112	21,648	68	78	61 926	4 301,357	33 237,463	7,727	7,262
19	29	98 769	46 879,730	1 029 973,076	21,971	21,506	69	79	59 058	3 944,379	28 936,106	7,336	6,871
20	30	98 704	45 047,355	983 093,346	21,824	21,359	70	80	56 032	3 598,330	24 991,727	6,945	6,481
21	31	98 636	43 284,647	938 045,991	21,672	21,207	71	81	52 839	3 262,790	21 393,397	6,557	6,092
22	32	98 564	41 589,623	894 761,344	21,514	21,049	72	82	49 439	2 935,428	18 130,607	6,176	5,712
23	33	98 490	39 959,830	853 171,721	21,351	20,886	73	83	45 877	2 619,163	15 195,179	5,802	5,337
24	34	98 414	38 393,317	813 211,891	21,181	20,716	74	84	42 095	2 310,820	12 576,017	5,442	4,977
25	35	98 331	36 885,653	774 818,574	21,006	20,541	75	85	38 181	2 015,341	10 265,197	5,094	4,629
26	36	98 242	35 434,755	737 932,921	20,825	20,360	76	86	34 156	1 733,562	8 249,856	4,759	4,294
27	37	98 152	34 040,626	702 498,166	20,637	20,172	77	87	30 074	1 467,640	6 516,294	4,440	3,975
28	38	98 058	32 700,130	668 457,540	20,442	19,977	78	88	26 003	1 220,163	5 048,654	4,138	3,673
29	39	97 958	31 410,476	635 757,410	20,240	19,775	79	89	22 025	993,779	3 828,491	3,852	3,388
30	40	97 846	30 167,839	604 346,934	20,033	19,568	80	90	18 239	791,290	2 834,711	3,582	3,118
31	41	97 733	28 973,863	574 179,095	19,817	19,352	81	91	14 688	612,721	2 043,421	3,335	2,870
32	42	97 605	27 823,095	545 205,232	19,595	19,131	82	92	11 489	460,832	1 430,700	3,105	2,640
33	43	97 467	26 715,060	517 382,137	19,367	18,902	83	93	8 682	334,855	969,868	2,896	2,432
34	44	97 311	25 646,556	490 667,078	19,132	18,667	84	94	6 321	234,427	635,013	2,709	2,244
35	45	97 151	24 619,511	465 020,522	18,888	18,423	85	95	4 435	158,130	400,586	2,533	2,068
36	46	96 973	23 629,290	440 401,010	18,638	18,173	86	96	2 970	101,834	242,456	2,381	1,916
37	47	96 773	22 673,525	416 771,720	18,381	17,917	87	97	1 895	62,475	140,622	2,251	1,786
38	48	96 550	21 751,418	394 098,195	18,118	17,653	88	98	1 164	36,900	78,147	2,118	1,653
39	49	96 306	20 861,877	372 346,777	17,848	17,383	89	99	676	20,616	41,247	2,001	1,536
40	50	96 033	20 002,593	351 484,900	17,572	17,107	90	100	371	10,868	20,630	1,898	1,433
41	51	95 737	19 174,040	331 482,306	17,288	16,823							
42	52	95 400	18 371,602	312 308,266	17,000	16,535							
43	53	95 055	17 601,127	293 936,665	16,700	16,235							
44	54	94 668	16 855,291	276 335,538	16,395	15,930							
45	55	94 244	16 134,349	259 480,247	16,082	15,618							
46	56	93 774	15 436,447	243 345,898	15,764	15,300							
47	57	93 264	14 762,033	227 909,451	15,439	14,974							
48	58	92 697	14 107,973	213 147,419	15,108	14,643							
49	59	92 068	13 473,291	199 039,445	14,773	14,308							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	2 379 308,372	23,884	23,419	50	61	90 903	12 791,261	181 762,640	14,210	13,745
1	12	99 275	95 456,415	2 279 688,755	23,882	23,417	51	62	90 105	12 191,282	168 971,379	13,860	13,395
2	13	99 244	91 757,033	2 184 232,339	23,805	23,340	52	63	89 233	11 608,938	156 780,097	13,505	13,040
3	14	99 223	88 209,208	2 092 475,306	23,722	23,257	53	64	88 276	11 042,677	145 171,159	13,146	12,682
4	15	99 202	84 798,669	2 004 266,098	23,636	23,171	54	65	87 226	10 491,719	134 128,482	12,784	12,319
5	16	99 180	81 518,439	1 919 467,429	23,546	23,082	55	66	86 094	9 957,227	123 636,763	12,417	11,952
6	17	99 158	78 365,972	1 837 948,990	23,453	22,989	56	67	84 855	9 436,438	113 679,536	12,047	11,582
7	18	99 136	75 335,342	1 759 583,018	23,357	22,892	57	68	83 528	8 931,657	104 243,098	11,671	11,206
8	19	99 110	72 419,032	1 684 247,676	23,257	22,792	58	69	82 091	8 440,404	95 311,441	11,292	10,827
9	20	99 087	69 616,937	1 611 828,644	23,153	22,688	59	70	80 517	7 960,104	86 871,037	10,913	10,448
10	21	99 062	66 923,034	1 542 211,707	23,045	22,580	60	71	78 815	7 492,201	78 910,933	10,532	10,068
11	22	99 038	64 333,353	1 475 288,673	22,932	22,467	61	72	76 984	7 036,641	71 418,732	10,150	9,685
12	23	99 015	61 844,341	1 410 955,320	22,815	22,350	62	73	75 030	6 594,263	64 382,092	9,763	9,299
13	24	98 990	59 450,723	1 349 110,979	22,693	22,228	63	74	72 907	6 161,244	57 787,829	9,379	8,914
14	25	98 964	57 149,455	1 289 660,256	22,566	22,102	64	75	70 653	5 741,147	51 626,585	8,992	8,528
15	26	98 933	54 933,928	1 232 510,802	22,436	21,971	65	76	68 253	5 332,814	45 885,438	8,604	8,140
16	27	98 900	52 803,462	1 177 576,874	22,301	21,836	66	77	65 717	4 937,156	40 552,624	8,214	7,749
17	28	98 857	50 750,302	1 124 773,412	22,163	21,698	67	78	63 066	4 555,781	35 615,468	7,818	7,353
18	29	98 807	48 773,746	1 074 023,109	22,021	21,556	68	79	60 241	4 184,328	31 059,687	7,423	6,958
19	30	98 744	46 868,161	1 025 249,364	21,875	21,410	69	80	57 239	3 822,859	26 875,359	7,030	6,565
20	31	98 676	45 034,616	978 381,202	21,725	21,260	70	81	54 056	3 471,447	23 052,500	6,641	6,176
21	32	98 604	43 270,709	933 346,586	21,570	21,105	71	82	50 704	3 130,923	19 581,053	6,254	5,789
22	33	98 531	41 575,653	890 075,877	21,409	20,944	72	83	47 115	2 797,456	16 450,130	5,880	5,416
23	34	98 455	39 945,835	848 500,224	21,241	20,776	73	84	43 345	2 474,596	13 652,674	5,517	5,052
24	35	98 376	38 378,659	808 554,389	21,068	20,603	74	85	39 410	2 163,417	11 178,078	5,167	4,702
25	36	98 285	36 868,430	770 175,730	20,890	20,425	75	86	35 367	1 866,823	9 014,661	4,829	4,364
26	37	98 195	35 417,858	733 307,301	20,704	20,240	76	87	31 244	1 585,727	7 147,838	4,508	4,043
27	38	98 102	34 023,437	697 889,443	20,512	20,047	77	88	27 094	1 322,204	5 562,111	4,207	3,742
28	39	98 004	32 682,011	663 866,006	20,313	19,848	78	89	23 056	1 081,914	4 239,907	3,919	3,454
29	40	97 895	31 390,039	631 183,995	20,108	19,643	79	90	19 188	865,774	3 157,993	3,648	3,183
30	41	97 784	30 148,739	599 793,956	19,894	19,430	80	91	15 556	674,878	2 292,219	3,396	2,932
31	42	97 661	28 952,627	569 645,217	19,675	19,210	81	92	12 251	511,053	1 617,341	3,165	2,700
32	43	97 526	27 800,646	540 692,590	19,449	18,984	82	93	9 330	374,220	1 106,288	2,956	2,491
33	44	97 379	26 691,131	512 891,945	19,216	18,751	83	94	6 864	264,717	732,067	2,765	2,301
34	45	97 219	25 622,298	486 200,813	18,976	18,511	84	95	4 871	180,636	467,350	2,587	2,122
35	46	97 046	24 593,029	460 578,515	18,728	18,263	85	96	3 307	117,925	286,714	2,431	1,967
36	47	96 858	23 601,309	435 985,486	18,473	18,008	86	97	2 140	73,390	168,789	2,300	1,835
37	48	96 647	22 644,064	412 384,178	18,212	17,747	87	98	1 336	44,061	95,399	2,165	1,700
38	49	96 404	21 718,419	389 740,114	17,945	17,480	88	99	793	25,128	51,338	2,043	1,578
39	50	96 144	20 826,744	368 021,695	17,671	17,206	89	100	444	13,540	26,209	1,936	1,471
40	51	95 856	19 965,711	347 194,951	17,390	16,925							
41	52	95 538	19 134,225	327 229,240	17,102	16,637							
42	53	95 189	18 331,103	308 095,015	16,807	16,342							
43	54	94 819	17 557,501	289 763,912	16,504	16,039							
44	55	94 407	16 808,867	272 206,411	16,194	15,729							
45	56	93 950	16 084,133	255 397,544	15,879	15,414							
46	57	93 457	15 384,247	239 313,412	15,556	15,091							
47	58	92 913	14 706,582	223 929,164	15,226	14,762							
48	59	92 310	14 049,093	209 222,582	14,892	14,427							
49	60	91 641	13 410,849	195 173,489	14,553	14,089							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	2 374 102,726	23,834	23,369	50	62	90 396	12 719,807	177 765,066	13,975	13,511
1	13	99 268	95 450,383	2 274 490,770	23,829	23,364	51	63	89 554	12 116,648	165 045,259	13,621	13,157
2	14	99 237	91 749,781	2 179 040,387	23,750	23,285	52	64	88 630	11 530,459	152 928,611	13,263	12,798
3	15	99 214	88 201,071	2 087 290,606	23,665	23,200	53	65	87 622	10 960,864	141 398,152	12,900	12,435
4	16	99 191	84 788,851	1 999 089,535	23,577	23,112	54	66	86 527	10 407,641	130 437,288	12,533	12,068
5	17	99 167	81 508,018	1 914 300,684	23,486	23,021	55	67	85 340	9 870,024	120 029,646	12,161	11,696
6	18	99 145	78 355,811	1 832 792,666	23,391	22,926	56	68	84 060	9 348,133	110 159,622	11,784	11,319
7	19	99 120	75 323,114	1 754 436,855	23,292	22,827	57	69	82 676	8 840,519	100 811,490	11,403	10,939
8	20	99 094	72 407,129	1 679 113,741	23,190	22,725	58	70	81 143	8 342,949	91 970,971	11,024	10,559
9	21	99 070	69 605,542	1 606 706,612	23,083	22,618	59	71	79 506	7 860,191	83 628,022	10,639	10,175
10	22	99 046	66 911,670	1 537 101,070	22,972	22,507	60	72	77 726	7 388,700	75 767,832	10,255	9,790
11	23	99 022	64 322,560	1 470 189,400	22,857	22,392	61	73	75 833	6 931,458	68 379,132	9,865	9,400
12	24	98 999	61 834,225	1 405 866,840	22,736	22,271	62	74	73 774	6 483,901	61 447,674	9,477	9,012
13	25	98 974	59 440,957	1 344 032,614	22,611	22,146	63	75	71 581	6 049,158	54 963,774	9,086	8,621
14	26	98 945	57 138,344	1 284 591,658	22,482	22,017	64	76	69 232	5 625,635	48 914,616	8,695	8,230
15	27	98 915	54 924,137	1 227 453,314	22,348	21,883	65	77	66 742	5 214,699	43 288,981	8,301	7,837
16	28	98 879	52 792,387	1 172 529,177	22,210	21,745	66	78	64 144	4 818,968	38 074,282	7,901	7,436
17	29	98 833	50 738,224	1 119 736,791	22,069	21,604	67	79	61 350	4 431,830	33 255,314	7,504	7,039
18	30	98 782	48 761,710	1 068 998,566	21,923	21,458	68	80	58 385	4 055,416	28 823,484	7,107	6,643
19	31	98 716	46 854,908	1 020 236,856	21,774	21,310	69	81	55 220	3 688,059	24 768,069	6,716	6,251
20	32	98 645	45 020,115	973 381,949	21,621	21,156	70	82	51 871	3 331,148	21 080,009	6,328	5,863
21	33	98 571	43 256,174	928 361,834	21,462	20,997	71	83	48 320	2 983,763	17 748,862	5,948	5,484
22	34	98 496	41 561,092	885 105,660	21,296	20,832	72	84	44 515	2 643,048	14 765,099	5,586	5,122
23	35	98 418	39 930,584	843 544,568	21,125	20,660	73	85	40 580	2 316,746	12 122,051	5,232	4,768
24	36	98 330	38 360,738	803 613,984	20,949	20,484	74	86	36 506	2 003,987	9 805,305	4,893	4,428
25	37	98 238	36 850,849	765 253,245	20,766	20,301	75	87	32 351	1 707,623	7 801,318	4,569	4,104
26	38	98 145	35 399,974	728 402,397	20,576	20,112	76	88	28 148	1 428,590	6 093,695	4,266	3,801
27	39	98 048	34 004,585	693 002,423	20,380	19,915	77	89	24 024	1 172,393	4 665,106	3,979	3,514
28	40	97 940	32 660,747	658 997,838	20,177	19,712	78	90	20 087	942,557	3 492,713	3,706	3,241
29	41	97 833	31 370,165	626 337,091	19,966	19,501	79	91	16 365	738,404	2 550,156	3,454	2,989
30	42	97 713	30 126,642	594 966,927	19,749	19,284	80	92	12 975	562,897	1 811,752	3,219	2,754
31	43	97 582	28 929,266	564 840,285	19,525	19,060	81	93	9 948	415,003	1 248,855	3,009	2,544
32	44	97 439	27 775,745	535 911,018	19,294	18,829	82	94	7 375	295,837	833,852	2,819	2,354
33	45	97 287	26 665,885	508 135,274	19,056	18,591	83	95	5 289	203,976	538,015	2,638	2,173
34	46	97 115	25 594,737	481 469,388	18,811	18,346	84	96	3 632	134,709	334,040	2,480	2,015
35	47	96 931	24 563,906	455 874,651	18,559	18,094	85	97	2 383	84,987	199,331	2,345	1,881
36	48	96 732	23 570,642	431 310,745	18,299	17,834	86	98	1 510	51,759	114,344	2,209	1,744
37	49	96 500	22 609,710	407 740,103	18,034	17,569	87	99	910	30,005	62,585	2,086	1,621
38	50	96 242	21 681,844	385 130,393	17,763	17,298	88	100	521	16,503	32,580	1,974	1,509
39	51	95 967	20 788,342	363 448,549	17,483	17,018							
40	52	95 657	19 924,252	342 660,207	17,198	16,733							
41	53	95 328	19 092,045	322 735,956	16,904	16,439							
42	54	94 954	18 285,668	303 643,911	16,606	16,141							
43	55	94 558	17 509,143	285 358,243	16,298	15,833							
44	56	94 113	16 756,551	267 849,100	15,985	15,520							
45	57	93 633	16 029,743	251 092,549	15,664	15,199							
46	58	93 106	15 326,460	235 062,806	15,337	14,872							
47	59	92 526	14 645,203	219 736,346	15,004	14,539							
48	60	91 882	13 983,983	205 091,143	14,666	14,201							
49	61	91 171	13 342,094	191 107,160	14,324	13,859							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	2 368 586,480	23,780	23,315	50	63	89 842	12 641,937	173 573,158	13,730	13,265
1	14	99 261	95 442,838	2 268 980,819	23,773	23,308	51	64	88 948	12 034,737	160 931,221	13,372	12,907
2	15	99 227	91 741,317	2 173 537,981	23,692	23,227	52	65	87 973	11 445,033	148 896,484	13,010	12,545
3	16	99 203	88 190,859	2 081 796,664	23,606	23,141	53	66	86 920	10 873,027	137 451,451	12,642	12,177
4	17	99 178	84 778,012	1 993 605,804	23,516	23,051	54	67	85 769	10 316,494	126 578,424	12,270	11,805
5	18	99 154	81 497,450	1 908 827,792	23,422	22,957	55	68	84 541	9 777,661	116 261,931	11,891	11,426
6	19	99 129	78 343,092	1 827 330,342	23,325	22,860	56	69	83 203	9 252,744	106 484,270	11,508	11,044
7	20	99 104	75 310,733	1 748 987,250	23,224	22,759	57	70	81 721	8 738,444	97 231,525	11,127	10,662
8	21	99 078	72 395,277	1 673 676,517	23,119	22,654	58	71	80 125	8 238,230	88 493,082	10,742	10,277
9	22	99 054	69 593,723	1 601 281,239	23,009	22,544	59	72	78 408	7 751,606	80 254,852	10,353	9,888
10	23	99 029	66 900,444	1 531 687,516	22,895	22,430	60	73	76 565	7 278,254	72 503,245	9,962	9,497
11	24	99 005	64 312,039	1 464 787,072	22,776	22,311	61	74	74 564	6 815,452	65 224,991	9,570	9,105
12	25	98 982	61 824,068	1 400 475,033	22,653	22,188	62	75	72 432	6 365,945	58 409,539	9,175	8,710
13	26	98 954	59 429,400	1 338 650,965	22,525	22,060	63	76	70 140	5 927,449	52 043,594	8,780	8,315
14	27	98 927	57 128,160	1 279 221,565	22,392	21,927	64	77	67 698	5 501,034	46 116,145	8,383	7,918
15	28	98 895	54 912,617	1 222 093,405	22,255	21,790	65	78	65 144	5 089,867	40 615,111	7,980	7,515
16	29	98 856	52 779,822	1 167 180,788	22,114	21,649	66	79	62 399	4 687,856	35 525,244	7,578	7,113
17	30	98 809	50 725,704	1 114 400,966	21,969	21,504	67	80	59 460	4 295,292	30 837,388	7,179	6,715
18	31	98 754	48 747,921	1 063 675,262	21,820	21,355	68	81	56 326	3 912,416	26 542,096	6,784	6,319
19	32	98 684	46 839,820	1 014 927,341	21,668	21,203	69	82	52 989	3 539,005	22 629,681	6,394	5,930
20	33	98 611	45 004,992	968 087,521	21,511	21,046	70	83	49 433	3 174,576	19 090,675	6,014	5,549
21	34	98 536	43 241,025	923 082,529	21,347	20,883	71	84	45 653	2 819,071	15 916,099	5,646	5,181
22	35	98 459	41 545,224	879 841,504	21,178	20,713	72	85	41 675	2 474,453	13 097,028	5,293	4,828
23	36	98 372	39 911,939	838 296,280	21,004	20,539	73	86	37 590	2 146,016	10 622,575	4,950	4,485
24	37	98 283	38 342,446	798 384,341	20,822	20,358	74	87	33 393	1 833,090	8 476,558	4,624	4,159
25	38	98 189	36 832,241	760 041,895	20,635	20,170	75	88	29 145	1 538,406	6 643,468	4,318	3,854
26	39	98 091	35 380,359	723 209,654	20,441	19,976	76	89	24 958	1 266,725	5 105,062	4,030	3,565
27	40	97 984	33 982,460	687 829,295	20,241	19,776	77	90	20 929	1 021,382	3 838,338	3,758	3,293
28	41	97 878	32 640,068	653 846,835	20,032	19,567	78	91	17 132	803,891	2 816,956	3,504	3,039
29	42	97 761	31 347,172	621 206,767	19,817	19,352	79	92	13 650	615,882	2 013,065	3,269	2,804
30	43	97 634	30 102,334	589 859,595	19,595	19,130	80	93	10 536	457,103	1 397,183	3,057	2,592
31	44	97 495	28 903,354	559 757,261	19,367	18,902	81	94	7 865	328,077	940,080	2,865	2,401
32	45	97 347	27 749,473	530 853,906	19,130	18,665	82	95	5 683	227,955	612,004	2,685	2,220
33	46	97 183	26 637,202	503 104,433	18,887	18,422	83	96	3 944	152,114	384,049	2,525	2,060
34	47	97 000	25 564,428	476 467,231	18,638	18,173	84	97	2 618	97,083	231,934	2,389	1,924
35	48	96 805	24 531,989	450 902,803	18,380	17,915	85	98	1 681	59,938	134,851	2,250	1,785
36	49	96 586	23 534,883	426 370,814	18,117	17,652	86	99	1 028	35,247	74,914	2,125	1,661
37	50	96 338	22 571,634	402 835,932	17,847	17,382	87	100	598	19,705	39,667	2,013	1,548
38	51	96 064	21 641,865	380 264,298	17,571	17,106							
39	52	95 767	20 745,175	358 622,433	17,287	16,822							
40	53	95 446	19 880,330	337 877,259	16,996	16,531							
41	54	95 091	19 044,724	317 996,928	16,697	16,233							
42	55	94 692	18 235,304	298 952,204	16,394	15,929							
43	56	94 264	17 454,648	280 716,900	16,083	15,618							
44	57	93 795	16 699,887	263 262,253	15,764	15,299							
45	58	93 281	15 969,530	246 562,365	15,440	14,975							
46	59	92 717	15 262,494	230 592,835	15,108	14,644							
47	60	92 097	14 577,330	215 330,341	14,772	14,307							
48	61	91 411	13 912,289	200 753,011	14,430	13,965							
49	62	90 662	13 267,563	186 840,721	14,083	13,618							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	2 362 747,593	23,723	23,258	50	64	89 235	12 556,475	169 187,780	13,474	13,009
1	15	99 251	95 434,034	2 263 149,806	23,714	23,249	51	65	88 289	11 945,574	156 631,305	13,112	12,647
2	16	99 216	91 730,696	2 167 715,772	23,631	23,166	52	66	87 268	11 353,316	144 685,730	12,744	12,279
3	17	99 190	88 179,585	2 075 985,076	23,543	23,078	53	67	86 158	10 777,804	133 332,415	12,371	11,906
4	18	99 165	84 767,020	1 987 805,490	23,450	22,985	54	68	84 967	10 219,953	122 554,611	11,992	11,527
5	19	99 138	81 484,222	1 903 038,470	23,355	22,890	55	69	83 679	9 677,890	112 334,659	11,607	11,143
6	20	99 113	78 330,215	1 821 554,249	23,255	22,790	56	70	82 242	9 145,910	102 656,769	11,224	10,760
7	21	99 088	75 298,406	1 743 224,033	23,151	22,686	57	71	80 695	8 628,761	93 510,859	10,837	10,372
8	22	99 061	72 382,985	1 667 925,627	23,043	22,578	58	72	79 018	8 124,423	84 882,098	10,448	9,983
9	23	99 037	69 582,047	1 595 542,642	22,930	22,466	59	73	77 236	7 635,736	76 757,675	10,052	9,588
10	24	99 013	66 889,502	1 525 960,595	22,813	22,348	60	74	75 283	7 156,445	69 121,939	9,659	9,194
11	25	98 989	64 301,475	1 459 071,094	22,691	22,226	61	75	73 207	6 691,465	61 965,494	9,260	8,796
12	26	98 963	61 812,049	1 394 769,619	22,565	22,100	62	76	70 975	6 237,862	55 274,029	8,861	8,396
13	27	98 937	59 418,808	1 332 957,570	22,433	21,968	63	77	68 587	5 796,163	49 036,167	8,460	7,995
14	28	98 907	57 116,177	1 273 538,763	22,297	21,833	64	78	66 078	5 369,348	43 240,005	8,053	7,588
15	29	98 871	54 899,548	1 216 422,585	22,157	21,692	65	79	63 371	4 951,384	37 870,657	7,648	7,184
16	30	98 831	52 766,798	1 161 523,038	22,012	21,548	66	80	60 476	4 543,431	32 919,272	7,245	6,781
17	31	98 781	50 711,359	1 108 756,239	21,864	21,399	67	81	57 364	4 143,834	28 375,842	6,848	6,383
18	32	98 723	48 732,224	1 058 044,880	21,711	21,247	68	82	54 050	3 754,294	24 232,008	6,454	5,990
19	33	98 651	46 824,086	1 009 312,656	21,555	21,091	69	83	50 498	3 372,664	20 477,714	6,072	5,607
20	34	98 577	44 989,230	962 488,570	21,394	20,929	70	84	46 705	2 999,353	17 105,050	5,703	5,238
21	35	98 499	43 224,516	917 499,340	21,226	20,762	71	85	42 741	2 639,248	14 105,697	5,345	4,880
22	36	98 413	41 525,825	874 274,824	21,054	20,589	72	86	38 604	2 292,101	11 466,449	5,003	4,538
23	37	98 325	39 892,907	832 748,999	20,875	20,410	73	87	34 384	1 963,007	9 174,347	4,674	4,209
24	38	98 234	38 323,085	792 856,092	20,689	20,224	74	88	30 084	1 651,440	7 211,340	4,367	3,902
25	39	98 134	36 811,832	754 533,007	20,497	20,032	75	89	25 843	1 364,099	5 559,900	4,076	3,611
26	40	98 027	35 357,339	717 721,174	20,299	19,834	76	90	21 744	1 103,563	4 195,801	3,802	3,337
27	41	97 922	33 960,945	682 363,836	20,093	19,628	77	91	17 850	871,119	3 092,239	3,550	3,085
28	42	97 806	32 616,145	648 402,891	19,880	19,415	78	92	14 289	670,502	2 221,119	3,313	2,848
29	43	97 682	31 321,880	615 786,746	19,660	19,195	79	93	11 085	500,130	1 550,617	3,100	2,636
30	44	97 546	30 075,372	584 464,867	19,433	18,969	80	94	8 329	361,358	1 050,487	2,907	2,442
31	45	97 403	28 876,016	554 389,495	19,199	18,734	81	95	6 060	252,797	689,129	2,726	2,261
32	46	97 242	27 719,624	525 513,479	18,958	18,493	82	96	4 238	169,997	436,331	2,567	2,102
33	47	97 068	26 605,659	497 793,855	18,710	18,245	83	97	2 842	109,627	266,335	2,429	1,965
34	48	96 873	25 531,211	471 188,196	18,455	17,991	84	98	1 846	68,469	156,708	2,289	1,824
35	49	96 659	24 494,771	445 656,986	18,194	17,729	85	99	1 145	40,816	88,239	2,162	1,697
36	50	96 423	23 495,248	421 162,215	17,925	17,461	86	100	675	23,148	47,423	2,049	1,584
37	51	96 160	22 530,014	397 666,966	17,651	17,186							
38	52	95 865	21 596,925	375 136,952	17,370	16,905							
39	53	95 556	20 699,444	353 540,027	17,080	16,615							
40	54	95 209	19 831,055	332 840,584	16,784	16,319							
41	55	94 830	18 992,270	313 009,528	16,481	16,016							
42	56	94 397	18 178,549	294 017,259	16,174	15,709							
43	57	93 945	17 395,623	275 838,710	15,857	15,392							
44	58	93 443	16 637,158	258 443,087	15,534	15,069							
45	59	92 892	15 902,880	241 805,929	15,205	14,740							
46	60	92 287	15 191,760	225 903,048	14,870	14,405							
47	61	91 625	14 502,595	210 711,288	14,529	14,064							
48	62	90 900	13 834,573	196 208,693	14,182	13,718							
49	63	90 107	13 186,340	182 374,120	13,831	13,366							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	2 356 576,771	23,663	23,198	50	65	88 574	12 463,447	164 611,236	13,208	12,743
1	16	99 240	95 422,985	2 256 988,172	23,652	23,188	51	66	87 582	11 849,846	152 147,789	12,840	12,375
2	17	99 203	91 718,969	2 161 565,186	23,567	23,102	52	67	86 504	11 253,886	140 297,943	12,467	12,002
3	18	99 177	88 168,152	2 069 846,217	23,476	23,011	53	68	85 352	10 676,946	129 044,057	12,086	11,621
4	19	99 149	84 753,261	1 981 678,065	23,382	22,917	54	69	84 100	10 115,668	118 367,111	11,701	11,237
5	20	99 122	81 470,828	1 896 924,804	23,283	22,819	55	70	82 712	9 566,146	108 251,443	11,316	10,851
6	21	99 096	78 317,394	1 815 453,976	23,181	22,716	56	71	81 210	9 031,112	98 685,297	10,927	10,462
7	22	99 071	75 285,621	1 737 136,581	23,074	22,609	57	72	79 581	8 509,559	89 654,184	10,536	10,071
8	23	99 044	72 370,840	1 661 850,961	22,963	22,498	58	73	77 837	8 002,980	81 144,626	10,139	9,674
9	24	99 021	69 570,666	1 589 480,120	22,847	22,382	59	74	75 943	7 507,944	73 141,646	9,742	9,277
10	25	98 997	66 878,514	1 519 909,454	22,726	22,262	60	75	73 914	7 026,254	65 633,702	9,341	8,876
11	26	98 970	64 288,974	1 453 030,940	22,602	22,137	61	76	71 734	6 556,833	58 607,448	8,938	8,474
12	27	98 945	61 801,031	1 388 741,967	22,471	22,006	62	77	69 403	6 099,701	52 050,615	8,533	8,068
13	28	98 916	59 406,345	1 326 940,936	22,337	21,872	63	78	66 945	5 657,412	45 950,914	8,122	7,657
14	29	98 883	57 102,584	1 267 534,591	22,197	21,733	64	79	64 280	5 223,261	40 293,502	7,714	7,249
15	30	98 847	54 886,001	1 210 432,006	22,054	21,589	65	80	61 419	4 798,840	35 070,241	7,308	6,843
16	31	98 803	52 751,877	1 155 546,006	21,905	21,440	66	81	58 344	4 383,223	30 271,401	6,906	6,441
17	32	98 749	50 695,030	1 102 794,129	21,753	21,289	67	82	55 045	3 976,359	25 888,178	6,511	6,046
18	33	98 689	48 715,854	1 052 099,099	21,597	21,132	68	83	51 509	3 577,834	21 911,819	6,124	5,660
19	34	98 617	46 807,687	1 003 383,245	21,436	20,971	69	84	47 711	3 186,507	18 333,985	5,754	5,289
20	35	98 539	44 972,053	956 575,558	21,270	20,806	70	85	43 726	2 808,030	15 147,478	5,394	4,930
21	36	98 453	43 204,332	911 603,504	21,100	20,635	71	86	39 591	2 444,752	12 339,449	5,047	4,582
22	37	98 366	41 506,023	868 399,172	20,922	20,457	72	87	35 312	2 096,634	9 894,696	4,719	4,255
23	38	98 275	39 872,763	826 893,148	20,738	20,273	73	88	30 977	1 768,484	7 798,062	4,409	3,945
24	39	98 179	38 301,850	787 020,385	20,548	20,083	74	89	26 675	1 464,326	6 029,578	4,118	3,653
25	40	98 070	36 787,881	748 718,535	20,352	19,887	75	90	22 514	1 188,394	4 565,253	3,842	3,377
26	41	97 965	35 334,953	711 930,654	20,148	19,683	76	91	18 545	941,210	3 376,859	3,588	3,123
27	42	97 850	33 936,053	676 595,701	19,937	19,473	77	92	14 888	726,576	2 435,649	3,352	2,887
28	43	97 727	32 589,828	642 659,648	19,720	19,255	78	93	11 603	544,484	1 709,073	3,139	2,674
29	44	97 595	31 293,825	610 069,819	19,495	19,030	79	94	8 763	395,373	1 164,589	2,946	2,481
30	45	97 454	30 046,925	578 775,994	19,262	18,798	80	95	6 418	278,442	769,215	2,763	2,298
31	46	97 298	28 844,955	548 729,070	19,023	18,559	81	96	4 519	188,523	490,773	2,603	2,138
32	47	97 127	27 686,799	519 884,114	18,777	18,313	82	97	3 054	122,514	302,250	2,467	2,002
33	48	96 941	26 571,088	492 197,316	18,524	18,059	83	98	2 005	77,315	179,736	2,325	1,860
34	49	96 727	25 492,477	465 626,228	18,265	17,800	84	99	1 257	46,626	102,421	2,197	1,732
35	50	96 496	24 453,520	440 133,751	17,999	17,534	85	100	752	26,806	55,795	2,081	1,617
36	51	96 245	23 451,925	415 680,230	17,725	17,260							
37	52	95 960	22 483,230	392 228,305	17,445	16,981							
38	53	95 653	21 549,316	369 745,075	17,158	16,693							
39	54	95 319	20 648,138	348 195,758	16,863	16,398							
40	55	94 947	19 776,435	327 547,620	16,563	16,098							
41	56	94 534	18 933,158	307 771,185	16,256	15,791							
42	57	94 078	18 117,077	288 838,026	15,943	15,478							
43	58	93 592	17 330,280	270 720,950	15,621	15,156							
44	59	93 053	16 567,721	253 390,669	15,294	14,829							
45	60	92 461	15 829,179	236 822,948	14,961	14,496							
46	61	91 814	15 113,875	220 993,769	14,622	14,157							
47	62	91 113	14 421,581	205 879,894	14,276	13,811							
48	63	90 344	13 749,879	191 458,313	13,924	13,460							
49	64	89 498	13 097,198	177 708,434	13,568	13,104							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	2 350 064,206	23,600	23,136	50	66	87 864	12 363,569	159 846,044	12,929	12,464
1	17	99 227	95 410,786	2 250 487,135	23,587	23,123	51	67	86 815	11 746,068	147 482,475	12,556	12,091
2	18	99 190	91 707,078	2 155 076,349	23,500	23,035	52	68	85 694	11 148,573	135 736,407	12,175	11,710
3	19	99 161	88 153,841	2 063 369,271	23,406	22,942	53	69	84 481	10 567,999	124 587,834	11,789	11,324
4	20	99 133	84 739,330	1 975 215,430	23,309	22,844	54	70	83 129	9 998,870	114 019,836	11,403	10,938
5	21	99 105	81 457,493	1 890 476,100	23,208	22,743	55	71	81 674	9 446,074	104 020,966	11,012	10,547
6	22	99 080	78 304,096	1 809 018,607	23,102	22,638	56	72	80 088	8 906,352	94 574,891	10,619	10,154
7	23	99 054	75 272,989	1 730 714,511	22,993	22,528	57	73	78 391	8 382,359	85 668,539	10,220	9,755
8	24	99 028	72 359,004	1 655 441,522	22,878	22,413	58	74	76 534	7 869,042	77 286,181	9,822	9,357
9	25	99 004	69 559,238	1 583 082,518	22,759	22,294	59	75	74 561	7 371,359	69 417,139	9,417	8,952
10	26	98 977	66 865,512	1 513 523,280	22,635	22,171	60	76	72 426	6 884,886	62 045,780	9,012	8,547
11	27	98 952	64 277,515	1 446 657,769	22,506	22,042	61	77	70 146	6 411,607	55 160,894	8,603	8,138
12	28	98 925	61 788,069	1 382 380,254	22,373	21,908	62	78	67 741	5 953,684	48 749,288	8,188	7,723
13	29	98 892	59 392,207	1 320 592,185	22,235	21,770	63	79	65 124	5 503,488	42 795,604	7,776	7,311
14	30	98 859	57 088,493	1 261 199,978	22,092	21,627	64	80	62 300	5 062,341	37 292,117	7,367	6,902
15	31	98 819	54 870,480	1 204 111,485	21,945	21,480	65	81	59 253	4 629,626	32 229,776	6,962	6,497
16	32	98 771	52 734,890	1 149 241,006	21,793	21,328	66	82	55 986	4 206,073	27 600,150	6,562	6,097
17	33	98 716	50 678,001	1 096 506,115	21,637	21,172	67	83	52 458	3 789,461	23 394,076	6,173	5,709
18	34	98 655	48 698,793	1 045 828,114	21,475	21,011	68	84	48 666	3 380,352	19 604,615	5,800	5,335
19	35	98 579	46 789,816	997 129,321	21,311	20,846	69	85	44 667	2 983,246	16 224,263	5,438	4,974
20	36	98 493	44 951,054	950 339,505	21,142	20,677	70	86	40 503	2 601,096	13 241,017	5,091	4,626
21	37	98 406	43 183,730	905 388,451	20,966	20,501	71	87	36 215	2 236,267	10 639,921	4,758	4,293
22	38	98 316	41 485,066	862 204,720	20,783	20,319	72	88	31 813	1 888,869	8 403,654	4,449	3,984
23	39	98 221	39 850,670	820 719,655	20,595	20,130	73	89	27 467	1 568,107	6 514,785	4,155	3,690
24	40	98 115	38 276,929	780 868,985	20,401	19,936	74	90	23 239	1 275,711	4 946,678	3,878	3,413
25	41	98 008	36 764,590	742 592,056	20,199	19,734	75	91	19 202	1 013,561	3 670,966	3,622	3,157
26	42	97 893	35 309,055	705 827,466	19,990	19,525	76	92	15 468	785,037	2 657,405	3,385	2,920
27	43	97 771	33 908,672	670 518,412	19,774	19,309	77	93	12 090	590,019	1 872,369	3,173	2,709
28	44	97 640	32 560,638	636 609,740	19,552	19,087	78	94	9 173	430,437	1 282,350	2,979	2,514
29	45	97 502	31 264,225	604 049,102	19,321	18,856	79	95	6 752	304,652	851,912	2,796	2,332
30	46	97 349	30 014,604	572 784,877	19,084	18,619	80	96	4 786	207,647	547,260	2,636	2,171
31	47	97 183	28 810,798	542 770,272	18,839	18,374	81	97	3 257	135,866	339,613	2,500	2,035
32	48	97 001	27 650,823	513 959,475	18,587	18,123	82	98	2 154	86,404	203,747	2,358	1,893
33	49	96 794	26 530,777	486 308,651	18,330	17,865	83	99	1 365	52,650	117,342	2,229	1,764
34	50	96 564	25 449,546	459 777,875	18,066	17,601	84	100	826	30,621	64,692	2,113	1,648
35	51	96 318	24 408,430	434 328,329	17,794	17,329							
36	52	96 045	23 403,227	409 919,898	17,516	17,051							
37	53	95 749	22 433,668	386 516,671	17,229	16,764							
38	54	95 416	21 495,905	364 083,003	16,937	16,472							
39	55	95 057	20 591,268	342 587,098	16,637	16,173							
40	56	94 652	19 714,883	321 995,831	16,333	15,868							
41	57	94 215	18 869,134	302 280,947	16,020	15,555							
42	58	93 725	18 049,024	283 411,813	15,702	15,238							
43	59	93 201	17 257,951	265 362,789	15,376	14,911							
44	60	92 622	16 490,939	248 104,838	15,045	14,580							
45	61	91 987	15 748,026	231 613,900	14,707	14,243							
46	62	91 301	15 029,446	215 865,874	14,363	13,898							
47	63	90 555	14 333,293	200 836,428	14,012	13,547							
48	64	89 733	13 656,927	186 503,134	13,656	13,191							
49	65	88 835	13 000,164	172 846,207	13,296	12,831							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	2 343 200,869	23,535	23,070	50	67	87 094	12 255,291	154 894,190	12,639	12,174
1	18	99 214	95 398,416	2 243 636,529	23,519	23,054	51	68	86 002	11 636,149	142 638,898	12,258	11,793
2	19	99 174	91 692,192	2 148 238,113	23,429	22,964	52	69	84 820	11 034,813	131 002,749	11,872	11,407
3	20	99 145	88 139,351	2 056 545,921	23,333	22,868	53	70	83 506	10 445,977	119 967,936	11,485	11,020
4	21	99 117	84 725,460	1 968 406,570	23,233	22,768	54	71	82 085	9 873,366	109 521,959	11,093	10,628
5	22	99 089	81 443,662	1 883 681,110	23,129	22,664	55	72	80 546	9 315,582	99 648,592	10,697	10,232
6	23	99 063	78 290,958	1 802 237,448	23,020	22,555	56	73	78 891	8 773,221	90 333,011	10,296	9,832
7	24	99 038	75 260,678	1 723 946,490	22,906	22,442	57	74	77 079	8 242,071	81 559,790	9,896	9,431
8	25	99 012	72 347,117	1 648 685,812	22,789	22,324	58	75	75 142	7 725,887	73 317,719	9,490	9,025
9	26	98 985	69 545,715	1 576 338,695	22,666	22,201	59	76	73 061	7 223,047	65 591,832	9,081	8,616
10	27	98 960	66 853,594	1 506 792,980	22,539	22,074	60	77	70 822	6 732,394	58 368,785	8,670	8,205
11	28	98 932	64 264,033	1 439 939,387	22,407	21,942	61	78	68 466	6 258,123	51 636,391	8,251	7,786
12	29	98 901	61 773,364	1 375 675,354	22,270	21,805	62	79	65 898	5 791,699	45 378,268	7,835	7,370
13	30	98 868	59 377,551	1 313 901,990	22,128	21,663	63	80	63 117	5 333,934	39 586,569	7,422	6,957
14	31	98 831	57 072,349	1 254 524,439	21,981	21,516	64	81	60 103	4 883,835	34 252,635	7,013	6,549
15	32	98 787	54 852,811	1 197 452,090	21,830	21,365	65	82	56 859	4 442,518	29 368,800	6,611	6,146
16	33	98 738	52 717,176	1 142 599,279	21,674	21,209	66	83	53 354	4 008,378	24 926,282	6,219	5,754
17	34	98 681	50 660,252	1 089 882,103	21,514	21,049	67	84	49 562	3 580,299	20 917,903	5,843	5,378
18	35	98 617	48 680,200	1 039 221,850	21,348	20,883	68	85	45 562	3 164,726	17 337,605	5,478	5,014
19	36	98 533	46 767,968	990 541,650	21,180	20,715	69	86	41 376	2 763,399	14 172,878	5,129	4,664
20	37	98 446	44 929,619	943 773,682	21,006	20,541	70	87	37 049	2 379,278	11 409,479	4,795	4,331
21	38	98 356	43 161,925	898 844,063	20,825	20,360	71	88	32 626	2 014,665	9 030,201	4,482	4,017
22	39	98 262	41 462,078	855 682,137	20,638	20,173	72	89	28 208	1 674,852	7 015,536	4,189	3,724
23	40	98 157	39 824,741	814 220,059	20,445	19,980	73	90	23 929	1 366,125	5 340,684	3,909	3,445
24	41	98 053	38 252,695	774 395,318	20,244	19,779	74	91	19 820	1 088,032	3 974,558	3,653	3,188
25	42	97 937	36 737,643	736 142,623	20,038	19,573	75	92	16 016	845,383	2 886,526	3,414	2,950
26	43	97 814	35 280,565	699 404,980	19,824	19,359	76	93	12 561	637,492	2 041,143	3,202	2,737
27	44	97 684	33 878,300	664 124,414	19,603	19,138	77	94	9 558	466,434	1 403,651	3,009	2,544
28	45	97 547	32 529,619	630 246,114	19,374	18,910	78	95	7 068	331,671	937,216	2,826	2,361
29	46	97 397	31 230,596	597 716,274	19,139	18,674	79	96	5 035	227,193	605,546	2,665	2,201
30	47	97 234	29 979,061	566 485,678	18,896	18,431	80	97	3 449	149,649	378,353	2,528	2,063
31	48	97 056	28 773,362	536 506,617	18,646	18,181	81	98	2 297	95,821	228,704	2,387	1,922
32	49	96 854	27 608,874	507 733,255	18,390	17,925	82	99	1 467	58,839	132,883	2,258	1,794
33	50	96 631	26 486,097	480 124,381	18,127	17,663	83	100	897	34,578	74,044	2,141	1,677
34	51	96 386	25 402,620	453 638,284	17,858	17,393							
35	52	96 118	24 357,746	428 235,664	17,581	17,116							
36	53	95 834	23 351,637	403 877,918	17,295	16,831							
37	54	95 512	22 378,064	380 526,282	17,004	16,540							
38	55	95 154	21 436,699	358 148,217	16,707	16,242							
39	56	94 761	20 527,180	336 711,518	16,403	15,938							
40	57	94 331	19 648,216	316 184,338	16,092	15,627							
41	58	93 861	18 798,256	296 536,123	15,775	15,310							
42	59	93 334	17 973,695	277 737,866	15,452	14,988							
43	60	92 770	17 177,970	259 764,171	15,122	14,657							
44	61	92 147	16 406,393	242 586,202	14,786	14,321							
45	62	91 473	15 660,055	226 179,809	14,443	13,978							
46	63	90 742	14 937,437	210 519,754	14,093	13,629							
47	64	89 943	14 236,398	195 582,317	13,738	13,273							
48	65	89 068	13 555,746	181 345,920	13,378	12,913							
49	66	88 123	12 895,984	167 790,174	13,011	12,546							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	2 335 976,280	23,465	23,000	50	68	86 279	12 140,607	149 759,457	12,335	11,871
1	19	99 198	95 382,931	2 236 424,849	23,447	22,982	51	69	85 125	11 517,414	137 618,850	11,949	11,484
2	20	99 158	91 677,120	2 141 041,918	23,354	22,889	52	70	83 841	10 907,402	126 101,435	11,561	11,096
3	21	99 129	88 124,925	2 049 364,797	23,255	22,790	53	71	82 458	10 314,862	115 194,033	11,168	10,703
4	22	99 100	84 711,074	1 961 239,873	23,152	22,687	54	72	80 951	9 736,971	104 879,172	10,771	10,306
5	23	99 072	81 429,997	1 876 528,799	23,045	22,580	55	73	79 342	9 176,333	95 142,201	10,368	9,903
6	24	99 047	78 278,153	1 795 098,802	22,932	22,467	56	74	77 570	8 626,392	85 965,867	9,965	9,501
7	25	99 022	75 248,315	1 716 820,648	22,815	22,351	57	75	75 677	8 092,130	77 339,476	9,557	9,093
8	26	98 993	72 333,052	1 641 572,334	22,695	22,235	58	76	73 630	7 570,442	69 247,345	9,147	8,682
9	27	98 968	69 533,319	1 569 239,282	22,568	22,103	59	77	71 443	7 063,065	61 676,903	8,732	8,267
10	28	98 939	66 839,571	1 499 705,963	22,437	21,973	60	78	69 127	6 571,231	54 613,838	8,311	7,846
11	29	98 908	64 248,739	1 432 866,391	22,302	21,837	61	79	66 604	6 087,855	48 042,607	7,892	7,427
12	30	98 877	61 758,120	1 368 617,653	22,161	21,696	62	80	63 868	5 613,266	41 954,752	7,474	7,009
13	31	98 840	59 360,760	1 306 859,533	22,016	21,551	63	81	60 892	5 145,851	36 341,486	7,062	6,597
14	32	98 799	57 053,972	1 247 498,773	21,865	21,400	64	82	57 674	4 686,454	31 195,635	6,657	6,192
15	33	98 754	54 834,386	1 190 444,801	21,710	21,245	65	83	54 186	4 233,710	26 509,181	6,261	5,797
16	34	98 704	52 698,713	1 135 610,416	21,549	21,084	66	84	50 409	3 787,132	22 275,471	5,882	5,417
17	35	98 643	50 640,911	1 082 911,702	21,384	20,919	67	85	46 401	3 351,919	18 488,339	5,516	5,051
18	36	98 571	48 657,469	1 032 270,792	21,215	20,750	68	86	42 204	2 931,506	15 136,420	5,163	4,699
19	37	98 486	46 745,667	983 613,322	21,042	20,577	69	87	37 847	2 527,741	12 204,915	4,828	4,364
20	38	98 397	44 906,933	936 867,656	20,862	20,398	70	88	33 378	2 143,504	9 677,174	4,515	4,050
21	39	98 302	43 138,009	891 960,723	20,677	20,212	71	89	28 930	1 786,395	7 533,670	4,217	3,752
22	40	98 198	41 435,101	848 822,714	20,486	20,021	72	90	24 575	1 459,121	5 747,274	3,939	3,474
23	41	98 095	39 799,527	807 387,613	20,286	19,822	73	91	20 439	1 165,145	4 288,153	3,680	3,216
24	42	97 981	38 224,658	767 588,086	20,081	19,616	74	92	16 502	907,497	3 123,008	3,441	2,977
25	43	97 858	36 708,001	729 363,428	19,869	19,405	75	93	13 006	686,497	2 215,511	3,227	2,762
26	44	97 727	35 248,965	692 655,427	19,650	19,186	76	94	9 930	503,964	1 529,015	3,034	2,569
27	45	97 591	33 846,256	657 406,462	19,423	18,958	77	95	7 365	359,408	1 025,051	2,852	2,387
28	46	97 442	32 494,849	623 560,206	19,190	18,725	78	96	5 271	247,342	665,643	2,691	2,226
29	47	97 282	31 193,613	591 065,356	18,948	18,483	79	97	3 629	163,735	418,301	2,555	2,090
30	48	97 108	29 940,108	559 871,743	18,700	18,235	80	98	2 433	105,541	254,565	2,412	1,947
31	49	96 909	28 729,709	529 931,636	18,445	17,981	81	99	1 564	65,252	149,024	2,284	1,819
32	50	96 690	27 562,379	501 201,926	18,184	17,719	82	100	963	38,642	83,772	2,168	1,703
33	51	96 453	26 437,259	473 639,548	17,916	17,451							
34	52	96 185	25 349,871	447 202,288	17,641	17,176							
35	53	95 906	24 304,051	421 852,417	17,357	16,892							
36	54	95 596	23 293,758	397 548,366	17,067	16,602							
37	55	95 249	22 316,429	374 254,608	16,770	16,306							
38	56	94 857	21 369,980	351 938,179	16,469	16,004							
39	57	94 441	20 457,765	330 568,199	16,159	15,694							
40	58	93 977	19 574,411	310 110,434	15,843	15,378							
41	59	93 469	18 719,800	290 536,022	15,520	15,055							
42	60	92 901	17 890,396	271 816,222	15,193	14,729							
43	61	92 294	17 089,902	253 925,826	14,858	14,393							
44	62	91 632	16 314,744	236 835,924	14,517	14,052							
45	63	90 913	15 564,185	220 521,180	14,169	13,704							
46	64	90 129	14 836,457	204 956,995	13,814	13,350							
47	65	89 277	14 130,923	190 120,538	13,454	12,989							
48	66	88 355	13 447,114	175 989,615	13,088	12,623							
49	67	87 351	12 783,044	162 542,501	12,715	12,251							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	2 328 378,542	23,392	22,928	50	69	85 399	12 016,725	144 443,793	12,020	11,555
1	20	99 182	95 367,253	2 228 843,269	23,371	22,906	51	70	84 142	11 384,431	132 427,068	11,632	11,167
2	21	99 142	91 662,115	2 133 476,016	23,275	22,811	52	71	82 788	10 770,495	121 042,637	11,238	10,774
3	22	99 112	88 109,961	2 041 813,902	23,173	22,709	53	72	81 318	10 172,367	110 272,142	10,840	10,376
4	23	99 083	84 696,861	1 953 703,941	23,067	22,602	54	73	79 741	9 591,424	100 099,775	10,436	9,972
5	24	99 056	81 416,679	1 869 007,079	22,956	22,491	55	74	78 014	9 022,758	90 508,352	10,031	9,566
6	25	99 031	78 265,295	1 787 590,401	22,840	22,375	56	75	76 159	8 469,459	81 485,594	9,621	9,156
7	26	99 002	75 233,685	1 709 325,106	22,720	22,255	57	76	74 154	7 929,317	73 016,134	9,208	8,744
8	27	98 975	72 320,159	1 634 091,421	22,595	22,130	58	77	71 999	7 402,766	65 086,818	8,792	8,327
9	28	98 947	69 518,734	1 561 771,261	22,465	22,001	59	78	69 733	6 893,986	57 684,052	8,367	7,902
10	29	98 915	66 823,664	1 492 252,527	22,331	21,866	60	79	67 246	6 392,444	50 790,065	7,945	7,481
11	30	98 884	64 232,884	1 425 428,863	22,192	21,727	61	80	64 552	5 900,298	44 397,621	7,525	7,060
12	31	98 849	61 740,656	1 361 195,979	22,047	21,582	62	81	61 616	5 415,334	38 497,323	7,109	6,644
13	32	98 808	59 341,645	1 299 455,323	21,898	21,433	63	82	58 431	4 937,880	33 081,989	6,700	6,235
14	33	98 766	57 034,807	1 240 113,677	21,743	21,278	64	83	54 963	4 466,180	28 144,109	6,302	5,837
15	34	98 719	54 815,181	1 183 078,870	21,583	21,118	65	84	51 195	4 000,026	23 677,929	5,919	5,455
16	35	98 666	52 678,593	1 128 263,689	21,418	20,953	66	85	47 194	3 545,559	19 677,903	5,550	5,085
17	36	98 597	50 617,265	1 075 585,096	21,249	20,785	67	86	42 982	3 104,903	16 132,344	5,196	4,731
18	37	98 524	48 634,267	1 024 967,832	21,075	20,610	68	87	38 605	2 681,511	13 027,441	4,858	4,393
19	38	98 436	46 722,063	976 333,565	20,897	20,432	69	88	34 097	2 277,255	10 345,930	4,543	4,078
20	39	98 342	44 882,049	929 611,502	20,712	20,248	70	89	29 596	1 900,636	8 068,675	4,245	3,780
21	40	98 238	43 109,941	884 729,452	20,523	20,058	71	90	25 203	1 556,296	6 168,039	3,963	3,498
22	41	98 136	41 408,868	841 619,511	20,325	19,860	72	91	20 960	1 244,459	4 611,742	3,706	3,241
23	42	98 023	39 770,356	800 210,643	20,121	19,656	73	92	17 022	971,815	3 367,283	3,465	3,000
24	43	97 902	38 193,817	760 440,287	19,910	19,445	74	93	13 424	736,937	2 395,468	3,251	2,786
25	44	97 770	36 675,122	722 246,471	19,693	19,228	75	94	10 282	542,704	1 658,531	3,056	2,591
26	45	97 634	35 215,625	685 571,349	19,468	19,003	76	95	7 651	388,326	1 115,827	2,873	2,409
27	46	97 486	33 809,849	650 355,724	19,236	18,771	77	96	5 492	268,027	727,501	2,714	2,249
28	47	97 327	32 456,369	616 545,875	18,996	18,531	78	97	3 799	178,256	459,474	2,578	2,113
29	48	97 156	31 153,081	584 089,506	18,749	18,284	79	98	2 559	115,476	281,218	2,435	1,970
30	49	96 960	29 894,685	552 936,425	18,496	18,031	80	99	1 657	71,871	165,742	2,306	1,841
31	50	96 746	28 681,327	523 041,740	18,236	17,771	81	100	1 027	42,854	93,871	2,190	1,726
32	51	96 512	27 511,557	494 360,413	17,969	17,504							
33	52	96 253	26 382,362	466 848,857	17,695	17,231							
34	53	95 973	25 293,989	440 466,494	17,414	16,949							
35	54	95 668	24 243,812	415 172,505	17,125	16,660							
36	55	95 333	23 229,600	390 928,693	16,829	16,364							
37	56	94 952	22 246,972	367 699,093	16,528	16,063							
38	57	94 537	21 297,716	345 452,121	16,220	15,755							
39	58	94 086	20 380,920	324 154,406	15,905	15,440							
40	59	93 585	19 492,716	303 773,485	15,584	15,119							
41	60	93 036	18 633,044	284 280,769	15,257	14,792							
42	61	92 425	17 798,676	265 647,725	14,925	14,460							
43	62	91 778	16 994,434	247 849,050	14,584	14,119							
44	63	91 071	16 214,866	230 854,615	14,237	13,772							
45	64	90 299	15 458,968	214 639,749	13,884	13,420							
46	65	89 461	14 726,537	199 180,781	13,525	13,060							
47	66	88 561	14 017,682	184 454,244	13,159	12,694							
48	67	87 581	13 329,347	170 436,562	12,787	12,322							
49	68	86 534	12 663,421	157 107,214	12,406	11,942							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	2 320 398,555	23,316	22,851	50	70	84 413	11 877,976	138 952,213	11,698	11,233
1	21	99 166	95 351,643	2 220 879,644	23,291	22,827	51	71	83 086	11 241,536	127 074,237	11,304	10,839
2	22	99 125	91 646,551	2 125 528,000	23,193	22,728	52	72	81 645	10 621,706	115 832,701	10,905	10,440
3	23	99 095	88 095,178	2 033 881,450	23,087	22,622	53	73	80 103	10 020,312	105 210,995	10,500	10,035
4	24	99 067	84 683,008	1 945 786,271	22,977	22,512	54	74	78 407	9 430,901	95 190,683	10,093	9,629
5	25	99 040	81 403,304	1 861 103,263	22,863	22,398	55	75	76 595	8 858,615	85 759,782	9,681	9,216
6	26	99 011	78 250,079	1 779 699,959	22,744	22,279	56	76	74 627	8 299,054	76 901,167	9,266	8,801
7	27	98 985	75 220,276	1 701 449,880	22,620	22,155	57	77	72 512	7 753,692	68 602,113	8,848	8,383
8	28	98 954	72 304,990	1 626 229,604	22,491	22,026	58	78	70 276	7 225,555	60 848,421	8,421	7,956
9	29	98 923	69 502,190	1 553 924,614	22,358	21,893	59	79	67 836	6 706,418	53 622,866	7,996	7,531
10	30	98 891	66 807,174	1 484 422,424	22,220	21,755	60	80	65 174	6 195,503	46 916,448	7,573	7,108
11	31	98 856	64 214,720	1 417 615,250	22,076	21,611	61	81	62 276	5 692,244	40 720,945	7,154	6,689
12	32	98 817	61 720,775	1 353 400,530	21,928	21,463	62	82	59 126	5 196,471	35 028,700	6,741	6,276
13	33	98 775	59 321,712	1 291 679,755	21,774	21,309	63	83	55 684	4 705,789	29 832,229	6,339	5,875
14	34	98 731	57 014,832	1 232 358,043	21,615	21,150	64	84	51 929	4 219,665	25 126,440	5,955	5,490
15	35	98 681	54 794,253	1 175 343,211	21,450	20,985	65	85	47 930	3 744,873	20 906,775	5,583	5,118
16	36	98 620	52 653,996	1 120 548,958	21,281	20,817	66	86	43 716	3 284,273	17 161,902	5,225	4,761
17	37	98 550	50 593,127	1 067 894,962	21,108	20,643	67	87	39 316	2 840,122	13 877,629	4,886	4,421
18	38	98 474	48 609,710	1 017 301,835	20,928	20,463	68	88	34 780	2 415,787	11 037,507	4,569	4,104
19	39	98 382	46 696,174	968 692,125	20,745	20,280	69	89	30 233	2 019,233	8 621,720	4,270	3,805
20	40	98 278	44 852,847	921 995,951	20,556	20,091	70	90	25 784	1 655,823	6 602,487	3,987	3,523
21	41	98 175	43 082,647	877 143,104	20,360	19,895	71	91	21 496	1 327,339	4 946,664	3,727	3,262
22	42	98 064	41 378,517	834 060,457	20,157	19,692	72	92	17 482	1 037,969	3 619,326	3,487	3,022
23	43	97 944	39 738,267	792 681,939	19,948	19,483	73	93	13 823	789,166	2 581,357	3,271	2,806
24	44	97 815	38 159,607	752 943,672	19,731	19,267	74	94	10 613	582,579	1 792,191	3,076	2,611
25	45	97 677	36 640,433	714 784,066	19,508	19,043	75	95	7 922	418,177	1 209,612	2,893	2,428
26	46	97 529	35 177,744	678 143,633	19,278	18,813	76	96	5 706	289,593	791,435	2,733	2,268
27	47	97 371	33 769,812	642 965,888	19,040	18,575	77	97	3 958	193,164	501,842	2,598	2,133
28	48	97 201	32 414,196	609 196,076	18,794	18,329	78	98	2 679	125,717	308,679	2,455	1,991
29	49	97 008	31 105,818	576 781,880	18,543	18,078	79	99	1 743	78,636	182,962	2,327	1,862
30	50	96 797	29 844,341	545 676,062	18,284	17,819	80	100	1 088	47,201	104,325	2,210	1,745
31	51	96 568	28 628,441	515 831,721	18,018	17,553							
32	52	96 312	27 454,429	487 203,280	17,746	17,281							
33	53	96 041	26 324,204	459 748,851	17,465	17,000							
34	54	95 736	25 231,296	433 424,647	17,178	16,713							
35	55	95 405	24 177,038	408 193,351	16,884	16,419							
36	56	95 036	23 157,301	384 016,313	16,583	16,118							
37	57	94 631	22 171,742	360 859,012	16,276	15,811							
38	58	94 181	21 217,715	338 687,270	15,962	15,498							
39	59	93 693	20 295,859	317 469,555	15,642	15,177							
40	60	93 151	19 402,378	297 173,696	15,316	14,852							
41	61	92 559	18 537,516	277 771,319	14,984	14,519							
42	62	91 908	17 699,249	259 233,802	14,647	14,182							
43	63	91 217	16 890,396	241 534,553	14,300	13,835							
44	64	90 455	16 105,251	224 644,158	13,949	13,484							
45	65	89 630	15 344,436	208 538,907	13,591	13,126							
46	66	88 744	14 608,523	193 194,471	13,225	12,760							
47	67	87 786	13 894,919	178 585,948	12,853	12,388							
48	68	86 761	13 204,612	164 691,029	12,472	12,007							
49	69	85 651	12 534,204	151 486,417	12,086	11,621							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	2 312 023,761	23,236	22,771	50	71	83 353	11 728,887	133 295,934	11,365	10,900
1	22	99 149	95 335,453	2 212 521,139	23,208	22,743	51	72	81 938	11 086,240	121 567,047	10,966	10,501
2	23	99 108	91 631,174	2 117 185,686	23,106	22,641	52	73	80 424	10 462,934	110 480,807	10,559	10,094
3	24	99 079	88 080,770	2 025 554,512	22,997	22,532	53	74	78 762	9 852,611	100 017,874	10,151	9,687
4	25	99 051	84 669,097	1 937 473,742	22,883	22,418	54	75	76 980	9 259,333	90 165,262	9,738	9,273
5	26	99 020	81 387,478	1 852 804,645	22,765	22,300	55	76	75 054	8 680,379	80 905,929	9,321	8,856
6	27	98 994	78 236,131	1 771 417,166	22,642	22,177	56	77	72 974	8 115,240	72 225,550	8,900	8,435
7	28	98 964	75 204,499	1 693 181,035	22,514	22,050	57	78	70 776	7 568,081	64 110,310	8,471	8,006
8	29	98 931	72 287,783	1 617 976,536	22,382	21,918	58	79	68 364	7 028,966	56 542,229	8,044	7,579
9	30	98 899	69 485,039	1 545 688,754	22,245	21,780	59	80	65 746	6 499,804	49 513,263	7,618	7,153
10	31	98 863	66 788,282	1 476 203,715	22,103	21,638	60	81	62 876	5 977,040	43 013,459	7,196	6,732
11	32	98 824	64 194,043	1 409 415,432	21,956	21,491	61	82	59 759	5 462,191	37 036,418	6,781	6,316
12	33	98 784	61 700,043	1 345 221,390	21,803	21,338	62	83	56 347	4 952,225	31 574,228	6,376	5,911
13	34	98 740	59 300,936	1 283 521,347	21,644	21,179	63	84	52 611	4 446,049	26 622,002	5,988	5,523
14	35	98 694	56 993,064	1 224 220,411	21,480	21,015	64	85	48 617	3 950,501	22 175,954	5,613	5,149
15	36	98 635	54 768,668	1 167 227,347	21,312	20,847	65	86	44 398	3 468,899	18 225,453	5,254	4,789
16	37	98 573	52 628,887	1 112 458,680	21,138	20,673	66	87	39 988	3 004,195	14 756,554	4,912	4,447
17	38	98 501	50 567,581	1 059 829,793	20,959	20,494	67	88	35 420	2 558,681	11 752,358	4,593	4,128
18	39	98 420	48 582,775	1 009 262,211	20,774	20,309	68	89	30 839	2 142,069	9 193,678	4,292	3,827
19	40	98 318	46 665,792	960 679,437	20,586	20,122	69	90	26 339	1 759,143	7 051,609	4,009	3,544
20	41	98 216	44 824,449	914 013,645	20,391	19,926	70	91	21 991	1 412,223	5 292,466	3,748	3,283
21	42	98 103	43 051,070	869 189,196	20,190	19,725	71	92	17 929	1 107,096	3 880,243	3,505	3,040
22	43	97 985	41 345,131	826 138,125	19,982	19,517	72	93	14 196	842,887	2 773,147	3,290	2,825
23	44	97 856	39 702,674	784 792,994	19,767	19,302	73	94	10 928	623,868	1 930,260	3,094	2,629
24	45	97 722	38 123,513	745 090,321	19,544	19,079	74	95	8 177	448,902	1 306,392	2,910	2,445
25	46	97 572	36 601,020	706 966,807	19,315	18,851	75	96	5 908	311,854	857,490	2,750	2,285
26	47	97 414	35 136,087	670 365,787	19,079	18,614	76	97	4 112	208,706	545,636	2,614	2,150
27	48	97 244	33 725,932	635 229,700	18,835	18,370	77	98	2 792	136,231	336,930	2,473	2,008
28	49	97 053	32 365,021	601 503,768	18,585	18,120	78	99	1 824	85,610	200,699	2,344	1,880
29	50	96 845	31 053,434	569 138,747	18,328	17,863	79	100	1 145	51,644	115,089	2,229	1,764
30	51	96 619	29 789,311	538 085,313	18,063	17,598							
31	52	96 367	28 568,994	508 296,002	17,792	17,327							
32	53	96 099	27 393,908	479 727,008	17,512	17,047							
33	54	95 803	26 258,958	452 333,101	17,226	16,761							
34	55	95 472	25 161,802	426 074,143	16,933	16,469							
35	56	95 108	24 101,790	400 912,341	16,634	16,169							
36	57	94 715	23 078,993	376 810,551	16,327	15,862							
37	58	94 276	22 088,458	353 731,559	16,014	15,549							
38	59	93 788	21 129,161	331 643,100	15,696	15,231							
39	60	93 259	20 201,798	310 513,939	15,371	14,906							
40	61	92 674	19 302,905	290 312,141	15,040	14,575							
41	62	92 042	18 433,962	271 009,235	14,702	14,237							
42	63	91 346	17 590,896	252 575,273	14,358	13,893							
43	64	90 600	16 776,214	234 984,377	14,007	13,542							
44	65	89 785	15 985,930	218 208,164	13,650	13,185							
45	66	88 911	15 221,470	202 222,233	13,285	12,821							
46	67	87 967	14 480,585	187 000,763	12,914	12,449							
47	68	86 964	13 764,891	172 520,178	12,533	12,069							
48	69	85 876	13 069,873	158 755,287	12,147	11,682							
49	70	84 662	12 389,481	145 685,414	11,759	11,294							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	2 303 240,885	23,151	22,687	50	72	82 202	11 566,858	127 482,006	11,021	10,556
1	23	99 132	95 319,458	2 203 755,158	23,120	22,655	51	73	80 713	10 920,524	115 915,148	10,614	10,150
2	24	99 092	91 616,187	2 108 435,700	23,014	22,549	52	74	79 078	10 287,826	104 994,624	10,206	9,741
3	25	99 063	88 066,301	2 016 819,513	22,901	22,436	53	75	77 329	9 673,372	94 706,798	9,790	9,326
4	26	99 032	84 652,636	1 928 753,212	22,784	22,320	54	76	75 432	9 073,035	85 033,427	9,372	8,907
5	27	99 003	81 372,972	1 844 100,576	22,662	22,198	55	77	73 391	8 488,119	75 960,391	8,949	8,484
6	28	98 973	78 219,722	1 762 727,604	22,536	22,071	56	78	71 227	7 920,974	67 472,272	8,518	8,053
7	29	98 940	75 186,601	1 684 507,882	22,404	21,940	57	79	68 850	7 362,172	59 551,299	8,089	7,624
8	30	98 906	72 268,944	1 609 321,281	22,268	21,803	58	80	66 257	6 812,415	52 189,126	7,661	7,196
9	31	98 871	69 465,390	1 537 051,337	22,127	21,662	59	81	63 427	6 270,611	45 376,711	7,236	6,772
10	32	98 831	66 766,776	1 467 585,947	21,981	21,516	60	82	60 335	5 735,477	39 106,100	6,818	6,353
11	33	98 791	64 172,479	1 400 819,171	21,829	21,364	61	83	56 950	5 205,455	33 370,623	6,411	5,946
12	34	98 749	61 678,434	1 336 646,692	21,671	21,206	62	84	53 236	4 678,883	28 165,168	6,020	5,555
13	35	98 703	59 278,295	1 274 968,258	21,508	21,043	63	85	49 255	4 162,444	23 486,285	5,642	5,178
14	36	98 647	56 966,452	1 215 689,963	21,340	20,876	64	86	45 034	3 659,374	19 323,841	5,281	4,816
15	37	98 588	54 742,551	1 158 723,511	21,167	20,702	65	87	40 611	3 173,076	15 664,467	4,937	4,472
16	38	98 523	52 602,313	1 103 980,960	20,987	20,522	66	88	36 025	2 706,495	12 491,391	4,615	4,151
17	39	98 446	50 539,561	1 051 378,647	20,803	20,338	67	89	31 407	2 268,772	9 784,895	4,313	3,848
18	40	98 356	48 551,164	1 000 839,086	20,614	20,149	68	90	26 867	1 866,157	7 516,124	4,028	3,563
19	41	98 256	46 636,246	952 287,921	20,419	19,955	69	91	22 464	1 500,343	5 649,967	3,766	3,301
20	42	98 144	44 791,596	905 651,675	20,219	19,754	70	92	18 342	1 177,895	4 149,624	3,523	3,058
21	43	98 024	43 016,334	860 860,079	20,012	19,548	71	93	14 559	899,022	2 971,728	3,306	2,841
22	44	97 897	41 308,098	817 843,745	19,799	19,334	72	94	11 223	666,337	2 072,706	3,111	2,646
23	45	97 763	39 665,121	776 535,647	19,577	19,112	73	95	8 420	480,718	1 406,370	2,926	2,461
24	46	97 617	38 082,505	736 870,526	19,349	18,884	74	96	6 098	334,767	925,652	2,765	2,300
25	47	97 457	36 557,678	698 788,021	19,115	18,650	75	97	4 258	224,749	590,885	2,629	2,164
26	48	97 287	35 090,433	662 230,343	18,872	18,407	76	98	2 900	147,192	366,135	2,487	2,023
27	49	97 097	33 674,766	627 139,910	18,623	18,159	77	99	1 901	92,770	218,944	2,360	1,895
28	50	96 890	32 310,516	593 465,144	18,368	17,903	78	100	1 198	56,224	126,174	2,244	1,779
29	51	96 666	30 996,175	561 154,628	18,104	17,639							
30	52	96 418	29 727,453	530 158,454	17,834	17,369							
31	53	96 155	28 506,016	500 431,001	17,555	17,090							
32	54	95 861	27 326,010	471 924,985	17,270	16,805							
33	55	95 539	26 186,634	444 598,975	16,978	16,513							
34	56	95 175	25 083,489	418 412,342	16,681	16,216							
35	57	94 786	24 020,287	393 328,853	16,375	15,910							
36	58	94 359	22 992,301	369 308,565	16,062	15,597							
37	59	93 882	21 996,270	346 316,264	15,744	15,279							
38	60	93 354	21 031,239	324 319,994	15,421	14,956							
39	61	92 781	20 098,228	303 288,755	15,090	14,626							
40	62	92 156	19 195,076	283 190,527	14,753	14,288							
41	63	91 478	18 321,111	263 995,451	14,409	13,945							
42	64	90 728	17 471,978	245 674,340	14,061	13,596							
43	65	89 929	16 651,922	228 202,362	13,704	13,239							
44	66	89 066	15 857,824	211 550,440	13,340	12,876							
45	67	88 133	15 088,164	195 692,616	12,970	12,505							
46	68	87 144	14 345,077	180 604,452	12,590	12,125							
47	69	86 077	13 624,434	166 259,375	12,203	11,738							
48	70	84 884	12 918,964	152 634,941	11,815	11,350							
49	71	83 599	12 233,971	139 715,977	11,420	10,956							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	2 294 036,903	23,063	22,598	50	73	80 973	11 393,958	121 520,565	10,665	10,201
1	24	99 116	95 303,867	2 194 567,868	23,027	22,562	51	74	79 362	10 737,758	110 126,607	10,256	9,791
2	25	99 076	91 601,138	2 099 264,000	22,917	22,453	52	75	77 640	10 100,668	99 388,849	9,840	9,375
3	26	99 043	88 049,179	2 007 662,863	22,802	22,337	53	76	75 774	9 478,743	89 288,181	9,420	8,955
4	27	99 014	84 637,548	1 919 613,683	22,680	22,216	54	77	73 761	8 872,078	79 809,438	8,996	8,531
5	28	98 982	81 355,904	1 834 976,135	22,555	22,090	55	78	71 635	8 284,927	70 937,359	8,562	8,097
6	29	98 949	78 201,106	1 753 620,231	22,424	21,960	56	79	69 289	7 705,464	62 652,432	8,131	7,666
7	30	98 916	75 168,047	1 675 419,125	22,289	21,824	57	80	66 729	7 135,355	54 946,969	7,701	7,236
8	31	98 878	72 249,508	1 600 251,078	22,149	21,684	58	81	63 921	6 572,199	47 811,613	7,275	6,810
9	32	98 839	69 443,021	1 528 001,570	22,004	21,539	59	82	60 864	6 017,183	41 239,414	6,854	6,389
10	33	98 798	66 744,349	1 458 558,549	21,853	21,388	60	83	57 499	5 465,896	35 222,231	6,444	5,979
11	34	98 756	64 150,004	1 391 814,200	21,696	21,231	61	84	53 806	4 918,136	29 756,335	6,050	5,586
12	35	98 711	61 654,885	1 327 664,196	21,534	21,069	62	85	49 841	4 380,426	24 838,199	5,670	5,205
13	36	98 657	59 250,616	1 266 009,310	21,367	20,902	63	86	45 625	3 855,698	20 457,773	5,306	4,841
14	37	98 600	56 939,287	1 206 758,694	21,194	20,729	64	87	41 194	3 347,308	16 602,075	4,960	4,495
15	38	98 538	54 714,909	1 149 819,407	21,015	20,550	65	88	36 587	2 858,641	13 254,767	4,637	4,172
16	39	98 469	52 573,166	1 095 104,498	20,830	20,365	66	89	31 943	2 399,839	10 396,126	4,332	3,867
17	40	98 382	50 506,678	1 042 531,332	20,641	20,177	67	90	27 361	1 976,540	7 996,288	4,046	3,581
18	41	98 293	48 520,425	992 024,654	20,446	19,981	68	91	22 914	1 591,614	6 019,748	3,782	3,317
19	42	98 184	46 602,065	943 504,229	20,246	19,781	69	92	18 737	1 251,394	4 428,134	3,539	3,074
20	43	98 065	44 755,455	896 902,164	20,040	19,575	70	93	14 894	956,515	3 176,740	3,321	2,856
21	44	97 936	42 977,805	852 146,709	19,828	19,363	71	94	11 510	710,714	2 220,226	3,124	2,659
22	45	97 804	41 269,027	809 168,904	19,607	19,142	72	95	8 648	513,441	1 509,512	2,940	2,475
23	46	97 658	39 622,455	767 899,877	19,380	18,916	73	96	6 279	358,493	996,070	2,778	2,314
24	47	97 501	38 037,408	728 277,422	19,146	18,682	74	97	4 395	241,263	637,577	2,643	2,178
25	48	97 330	36 510,176	690 240,014	18,905	18,441	75	98	3 003	158,507	396,314	2,500	2,035
26	49	97 140	35 037,197	653 729,838	18,658	18,193	76	99	1 975	100,234	237,808	2,373	1,908
27	50	96 933	33 618,056	618 692,641	18,404	17,939	77	100	1 248	60,926	137,574	2,258	1,793
28	51	96 711	32 250,938	585 074,586	18,141	17,676							
29	52	96 466	30 931,811	552 823,647	17,872	17,408							
30	53	96 205	29 661,921	521 891,836	17,595	17,130							
31	54	95 916	28 435,362	492 229,915	17,310	16,846							
32	55	95 597	27 250,746	463 794,554	17,020	16,555							
33	56	95 241	26 105,131	436 543,808	16,723	16,258							
34	57	94 853	24 998,667	410 438,677	16,418	15,954							
35	58	94 430	23 930,060	385 440,010	16,107	15,642							
36	59	93 965	22 896,341	361 509,950	15,789	15,324							
37	60	93 447	21 894,329	338 613,609	15,466	15,001							
38	61	92 875	20 923,416	316 719,279	15,137	14,672							
39	62	92 262	19 985,955	295 795,863	14,800	14,335							
40	63	91 592	19 077,565	275 809,908	14,457	13,992							
41	64	90 860	18 197,257	256 732,343	14,108	13,643							
42	65	90 056	17 342,532	238 535,086	13,754	13,290							
43	66	89 208	16 518,479	221 192,554	13,391	12,926							
44	67	88 286	15 718,945	204 674,075	13,021	12,556							
45	68	87 308	14 946,970	188 955,131	12,642	12,177							
46	69	86 255	14 198,700	174 008,160	12,255	11,790							
47	70	85 083	13 467,123	159 809,460	11,867	11,402							
48	71	83 819	12 756,808	146 342,338	11,472	11,007							
49	72	82 444	12 064,965	133 585,529	11,072	10,607							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	2 284 397,508	22,970	22,505	50	74	79 618	11 203,268	115 420,095	10,302	9,838
1	25	99 100	95 288,212	2 184 944,741	22,930	22,465	51	75	77 918	10 542,415	104 216,827	9,885	9,421
2	26	99 057	91 583,329	2 089 656,529	22,817	22,352	52	76	76 078	9 897,443	93 674,412	9,465	9,000
3	27	99 026	88 033,485	1 998 073,200	22,697	22,232	53	77	74 095	9 268,800	83 776,969	9,039	8,574
4	28	98 993	84 619,796	1 910 039,715	22,572	22,107	54	78	71 995	8 659,695	74 508,168	8,604	8,139
5	29	98 958	81 336,542	1 825 419,919	22,443	21,978	55	79	69 686	8 059,515	65 848,474	8,170	7,705
6	30	98 925	78 181,809	1 744 083,377	22,308	21,843	56	80	67 155	7 468,071	57 788,959	7,738	7,273
7	31	98 888	75 146,791	1 665 901,568	22,169	21,704	57	81	64 376	6 883,752	50 320,888	7,310	6,845
8	32	98 847	72 226,243	1 590 754,777	22,025	21,560	58	82	61 338	6 306,582	43 437,136	6,888	6,423
9	33	98 806	69 419,695	1 518 528,534	21,875	21,410	59	83	58 003	5 734,361	37 130,554	6,475	6,010
10	34	98 763	66 720,973	1 449 108,839	21,719	21,254	60	84	54 325	5 164,201	31 396,193	6,080	5,615
11	35	98 718	64 125,512	1 382 387,866	21,558	21,093	61	85	50 374	4 604,418	26 231,991	5,697	5,232
12	36	98 665	61 626,096	1 318 262,354	21,391	20,925	62	86	46 168	4 057,616	21 627,574	5,330	4,865
13	37	98 610	59 222,362	1 256 636,258	21,219	20,754	63	87	41 734	3 526,890	17 569,957	4,982	4,517
14	38	98 551	56 910,536	1 197 413,896	21,040	20,575	64	88	37 111	3 015,607	14 043,068	4,657	4,192
15	39	98 484	54 684,592	1 140 503,359	20,856	20,391	65	89	32 442	2 534,746	11 027,461	4,351	3,886
16	40	98 404	52 538,959	1 085 818,768	20,667	20,202	66	90	27 829	2 090,724	8 492,715	4,062	3,597
17	41	98 320	50 474,701	1 033 279,809	20,471	20,006	67	91	23 336	1 685,757	6 401,991	3,798	3,333
18	42	98 221	48 484,863	982 805,108	20,270	19,806	68	92	19 112	1 327,520	4 716,234	3,553	3,088
19	43	98 104	46 564,464	934 320,245	20,065	19,600	69	93	15 215	1 016,200	3 388,713	3,335	2,870
20	44	97 977	44 715,368	887 755,782	19,853	19,389	70	94	11 775	756,164	2 372,514	3,138	2,673
21	45	97 844	42 937,154	843 040,413	19,634	19,169	71	95	8 869	547,636	1 616,349	2,952	2,487
22	46	97 699	41 224,636	800 103,259	19,408	18,944	72	96	6 449	382,897	1 068,713	2,791	2,326
23	47	97 542	39 575,534	758 878,624	19,175	18,711	73	97	4 525	258,362	685,816	2,654	2,190
24	48	97 375	37 987,984	719 303,089	18,935	18,470	74	98	3 100	170,153	427,455	2,512	2,047
25	49	97 182	36 454,786	681 315,106	18,689	18,224	75	99	2 045	107,939	257,302	2,384	1,919
26	50	96 976	34 978,192	644 860,320	18,436	17,971	76	100	1 297	65,828	149,363	2,269	1,804
27	51	96 755	33 556,068	609 882,128	18,175	17,710							
28	52	96 510	32 183,969	576 326,060	17,907	17,442							
29	53	96 253	30 863,624	544 142,091	17,631	17,166							
30	54	95 967	29 588,402	513 278,467	17,347	16,882							
31	55	95 652	28 357,043	483 690,065	17,057	16,592							
32	56	95 300	27 165,932	455 333,023	16,761	16,296							
33	57	94 919	26 016,854	428 167,091	16,457	15,992							
34	58	94 497	24 904,765	402 150,237	16,148	15,683							
35	59	94 036	23 830,186	377 245,473	15,831	15,366							
36	60	93 530	22 790,229	353 415,286	15,507	15,042							
37	61	92 968	21 782,081	330 625,057	15,179	14,714							
38	62	92 356	20 806,534	308 842,976	14,844	14,379							
39	63	91 698	19 863,603	288 036,442	14,501	14,036							
40	64	90 973	18 948,597	268 172,839	14,153	13,688							
41	65	90 187	18 062,437	249 224,242	13,798	13,333							
42	66	89 334	17 203,554	231 161,804	13,437	12,972							
43	67	88 427	16 373,814	213 958,251	13,067	12,602							
44	68	87 460	15 571,848	197 584,437	12,689	12,224							
45	69	86 417	14 794,452	182 012,589	12,303	11,838							
46	70	85 259	14 034,757	167 218,137	11,915	11,450							
47	71	84 015	13 298,087	153 183,380	11,519	11,054							
48	72	82 661	12 580,580	139 885,293	11,119	10,654							
49	73	81 212	11 884,619	127 304,714	10,712	10,247							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	2 274 307,662	22,872	22,407	50	75	78 170	10 999,457	109 196,726	9,927	9,463
1	26	99 080	95 269,686	2 174 871,232	22,829	22,364	51	76	76 351	10 330,302	98 197,269	9,506	9,041
2	27	99 039	91 567,005	2 079 601,545	22,711	22,246	52	77	74 393	9 678,226	87 866,968	9,079	8,614
3	28	99 005	88 015,021	1 988 034,540	22,587	22,123	53	78	72 322	9 046,920	78 188,741	8,643	8,178
4	29	98 970	84 599,657	1 900 019,520	22,459	21,994	54	79	70 036	8 424,086	69 141,822	8,208	7,743
5	30	98 934	81 316,471	1 815 419,863	22,325	21,861	55	80	67 539	7 811,214	60 717,735	7,773	7,308
6	31	98 897	78 159,700	1 734 103,391	22,187	21,722	56	81	64 787	7 204,735	52 906,521	7,343	6,878
7	32	98 856	75 122,593	1 655 943,691	22,043	21,578	57	82	61 774	6 605,543	45 701,786	6,919	6,454
8	33	98 813	72 201,982	1 580 821,098	21,894	21,430	58	83	58 455	6 010,158	39 096,242	6,505	6,040
9	34	98 771	69 395,382	1 508 619,116	21,739	21,275	59	84	54 802	5 417,848	33 086,085	6,107	5,642
10	35	98 726	66 695,499	1 439 223,734	21,579	21,114	60	85	50 860	4 834,787	27 668,236	5,723	5,258
11	36	98 672	64 095,570	1 372 528,235	21,414	20,949	61	86	46 662	4 265,101	22 833,449	5,354	4,889
12	37	98 618	61 596,709	1 308 432,665	21,242	20,777	62	87	42 231	3 711,589	18 568,348	5,003	4,538
13	38	98 560	59 192,459	1 246 835,955	21,064	20,599	63	88	37 599	3 177,393	14 856,759	4,676	4,211
14	39	98 496	56 879,002	1 187 643,497	20,880	20,415	64	89	32 907	2 673,927	11 679,366	4,368	3,903
15	40	98 420	54 649,011	1 130 764,495	20,691	20,227	65	90	28 263	2 208,255	9 005,439	4,078	3,613
16	41	98 342	52 505,695	1 076 115,484	20,495	20,030	66	91	23 735	1 783,143	6 797,185	3,812	3,347
17	42	98 248	50 437,706	1 023 609,789	20,295	19,830	67	92	19 464	1 406,042	5 014,041	3,566	3,101
18	43	98 142	48 445,743	973 172,083	20,088	19,623	68	93	15 520	1 078,018	3 607,999	3,347	2,882
19	44	98 016	46 522,756	924 726,340	19,877	19,412	69	94	12 028	803,348	2 529,981	3,149	2,684
20	45	97 884	44 673,074	878 203,584	19,658	19,194	70	95	9 073	582,658	1 726,633	2,963	2,499
21	46	97 739	42 890,968	833 530,510	19,434	18,969	71	96	6 614	408,398	1 143,975	2,801	2,336
22	47	97 583	41 175,818	790 639,541	19,202	18,737	72	97	4 648	275,949	735,578	2,666	2,201
23	48	97 416	39 524,111	749 463,724	18,962	18,497	73	98	3 192	182,212	459,629	2,522	2,058
24	49	97 227	37 930,352	709 939,613	18,717	18,252	74	99	2 111	115,870	277,417	2,394	1,929
25	50	97 019	36 393,394	672 009,261	18,465	18,000	75	100	1 343	70,888	161,547	2,279	1,814
26	51	96 797	34 913,695	635 615,867	18,205	17,741							
27	52	96 554	33 486,388	600 702,172	17,939	17,474							
28	53	96 297	32 113,022	567 215,784	17,663	17,198							
29	54	96 014	30 787,126	535 102,762	17,381	16,916							
30	55	95 703	29 506,907	504 315,635	17,091	16,627							
31	56	95 354	28 268,785	474 808,728	16,796	16,331							
32	57	94 977	27 074,068	446 539,943	16,493	16,028							
33	58	94 563	25 919,127	419 465,876	16,184	15,719							
34	59	94 102	24 800,823	393 546,749	15,868	15,403							
35	60	93 600	23 719,746	368 745,926	15,546	15,081							
36	61	93 050	22 673,388	345 026,180	15,217	14,752							
37	62	92 449	21 660,403	322 352,792	14,882	14,417							
38	63	91 791	20 679,158	300 692,389	14,541	14,076							
39	64	91 078	19 729,321	280 013,231	14,193	13,728							
40	65	90 299	18 808,211	260 283,910	13,839	13,374							
41	66	89 464	17 917,690	241 475,699	13,477	13,012							
42	67	88 552	17 052,889	223 558,008	13,110	12,645							
43	68	87 599	16 220,589	206 505,119	12,731	12,266							
44	69	86 567	15 412,953	190 284,531	12,346	11,881							
45	70	85 419	14 623,631	174 871,577	11,958	11,493							
46	71	84 189	13 858,596	160 247,947	11,563	11,098							
47	72	82 854	13 114,380	146 389,350	11,163	10,698							
48	73	81 425	12 392,526	133 274,970	10,754	10,290							
49	74	79 853	11 685,717	120 882,443	10,344	9,880							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	13 277,276	215 186,552	16,207	15,742
1	0	99 661	95 828,271	2 321 874,635	24,230	23,765	51	50	93 896	12 704,157	201 909,276	15,893	15,428
2	1	99 349	91 853,900	2 226 046,364	24,235	23,770	52	51	93 387	12 149,386	189 205,119	15,573	15,108
3	2	99 314	88 289,668	2 134 192,464	24,173	23,708	53	52	92 821	11 611,259	177 055,733	15,249	14,784
4	3	99 289	84 872,694	2 045 902,796	24,106	23,641	54	53	92 198	11 089,775	165 444,474	14,919	14,454
5	4	99 268	81 590,913	1 961 030,102	24,035	23,570	55	54	91 509	10 583,543	154 354,699	14,584	14,120
6	5	99 250	78 438,450	1 879 439,189	23,961	23,496	56	55	90 738	10 090,743	143 771,156	14,248	13,783
7	6	99 234	75 409,671	1 801 000,739	23,883	23,418	57	56	89 883	9 611,176	133 680,413	13,909	13,444
8	7	99 217	72 496,959	1 725 591,067	23,802	23,337	58	57	88 946	9 145,152	124 069,237	13,567	13,102
9	8	99 205	69 699,986	1 653 094,109	23,717	23,252	59	58	87 927	8 692,720	114 924,086	13,221	12,756
10	9	99 190	67 009,008	1 583 394,123	23,630	23,165	60	59	86 799	8 251,172	106 231,366	12,875	12,410
11	10	99 177	64 423,516	1 516 385,115	23,538	23,073	61	60	85 572	7 821,600	97 980,194	12,527	12,062
12	11	99 165	61 937,964	1 451 961,599	23,442	22,977	62	61	84 231	7 402,953	90 158,594	12,179	11,714
13	12	99 148	59 545,882	1 390 023,636	23,344	22,879	63	62	82 776	6 995,265	82 755,641	11,830	11,365
14	13	99 133	57 246,717	1 330 477,753	23,241	22,776	64	63	81 204	6 598,437	75 760,376	11,482	11,017
15	14	99 113	55 033,770	1 273 231,036	23,135	22,671	65	64	79 515	6 212,695	69 161,939	11,132	10,668
16	15	99 088	52 903,981	1 218 197,266	23,027	22,562	66	65	77 714	5 838,457	62 949,244	10,782	10,317
17	16	99 054	50 851,693	1 165 293,285	22,916	22,451	67	66	75 796	5 475,359	57 110,787	10,431	9,966
18	17	99 015	48 876,572	1 114 441,592	22,801	22,336	68	67	73 774	5 124,306	51 635,428	10,077	9,612
19	18	98 964	46 972,472	1 065 565,020	22,685	22,220	69	68	71 648	4 785,251	46 511,122	9,720	9,255
20	19	98 908	45 140,284	1 018 592,548	22,565	22,100	70	69	69 422	4 458,236	41 725,871	9,359	8,894
21	20	98 851	43 379,078	973 452,264	22,441	21,976	71	70	67 076	4 141,884	37 267,635	8,998	8,533
22	21	98 795	41 686,957	930 073,186	22,311	21,846	72	71	64 582	3 834,522	33 125,751	8,639	8,174
23	22	98 737	40 060,005	888 386,229	22,176	21,712	73	72	62 016	3 540,537	29 291,222	8,273	7,808
24	23	98 678	38 496,590	848 326,224	22,036	21,572	74	73	59 328	3 256,793	25 750,692	7,907	7,442
25	24	98 617	36 992,945	809 829,633	21,891	21,427	75	74	56 516	2 983,104	22 493,899	7,540	7,076
26	25	98 557	35 548,588	772 836,688	21,740	21,275	76	75	53 588	2 719,765	19 510,794	7,174	6,709
27	26	98 495	34 159,630	737 288,100	21,584	21,119	77	76	50 543	2 466,581	16 791,029	6,807	6,343
28	27	98 433	32 825,174	703 128,470	21,420	20,956	78	77	47 434	2 225,807	14 324,448	6,436	5,971
29	28	98 367	31 541,452	670 303,296	21,252	20,787	79	78	44 228	1 995,547	12 098,641	6,063	5,598
30	29	98 295	30 306,143	638 761,844	21,077	20,612	80	79	40 896	1 774,244	10 103,094	5,694	5,229
31	30	98 219	29 117,946	608 455,702	20,896	20,431	81	80	37 425	1 561,206	8 328,850	5,335	4,870
32	31	98 135	27 974,051	579 337,756	20,710	20,245	82	81	33 859	1 358,146	6 767,643	4,983	4,518
33	32	98 043	26 873,038	551 363,705	20,517	20,053	83	82	30 236	1 166,162	5 409,498	4,639	4,174
34	33	97 941	25 812,670	524 490,667	20,319	19,854	84	83	26 539	984,187	4 243,335	4,312	3,847
35	34	97 838	24 793,746	498 677,997	20,113	19,648	85	84	22 828	814,007	3 259,148	4,004	3,539
36	35	97 727	23 813,046	473 884,251	19,900	19,435	86	85	19 194	658,096	2 445,141	3,715	3,251
37	36	97 595	22 866,257	450 071,205	19,683	19,218	87	86	15 740	518,937	1 787,046	3,444	2,979
38	37	97 451	21 954,379	427 204,947	19,459	18,994	88	87	12 540	397,532	1 268,109	3,190	2,725
39	38	97 303	21 077,882	405 250,569	19,226	18,762	89	88	9 640	293,835	870,577	2,963	2,498
40	39	97 137	20 232,576	384 172,686	18,988	18,523	90	89	7 136	209,138	576,742	2,758	2,293
41	40	96 954	19 417,682	363 940,110	18,743	18,278	91	90	5 077	143,064	367,603	2,569	2,105
42	41	96 752	18 631,957	344 522,428	18,491	18,026	92	91	3 461	93,779	224,539	2,394	1,930
43	42	96 544	17 876,888	325 890,471	18,230	17,765	93	92	2 240	58,368	130,760	2,240	1,775
44	43	96 312	17 148,057	308 013,583	17,962	17,497	94	93	1 374	34,411	72,392	2,104	1,639
45	44	96 059	16 445,185	290 865,526	17,687	17,222	95	94	793	19,097	37,981	1,989	1,524
46	45	95 788	15 768,032	274 420,342	17,404	16,939	96	95	433	10,033	18,883	1,882	1,417
47	46	95 488	15 114,020	258 652,310	17,113	16,649	97	96	221	4,931	8,850	1,795	1,330
48	47	95 152	14 481,657	243 538,290	16,817	16,352	98	97	106	2,280	3,919	1,719	1,254
49	48	94 779	13 870,081	229 056,633	16,514	16,050	99	98	49	1,002	1,639	1,637	1,172
							100	99	21	0,406	0,638	1,570	1,105

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0							50	48	94 501	13 297,450	216 894,762	16,311	15,846
1							51	49	94 054	12 725,588	203 597,312	15,999	15,534
2	0	99 637	92 120,300	2 228 426,783	24,190	23,726	52	50	93 560	12 171,829	190 871,725	15,681	15,217
3	1	99 336	88 309,309	2 136 306,483	24,191	23,726	53	51	93 014	11 635,420	178 699,895	15,358	14,893
4	2	99 302	84 883,848	2 047 997,174	24,127	23,662	54	52	92 402	11 114,276	167 064,475	15,032	14,567
5	3	99 278	81 599,048	1 963 113,325	24,058	23,593	55	53	91 737	10 609,840	155 950,200	14,699	14,234
6	4	99 259	78 445,671	1 881 514,277	23,985	23,520	56	54	90 989	10 118,612	145 340,359	14,364	13,899
7	5	99 241	75 414,795	1 803 068,606	23,909	23,444	57	55	90 163	9 641,183	135 221,747	14,025	13,561
8	6	99 224	72 502,253	1 727 653,811	23,829	23,368	58	56	89 247	9 176,182	125 580,564	13,685	13,221
9	7	99 210	69 703,305	1 655 151,558	23,746	23,281	59	57	88 259	8 725,495	116 404,383	13,341	12,876
10	8	99 197	67 013,837	1 585 448,253	23,659	23,194	60	58	87 163	8 285,753	107 678,887	12,996	12,531
11	9	99 182	64 426,940	1 518 434,415	23,568	23,103	61	59	85 970	7 858,018	99 393,134	12,649	12,184
12	10	99 170	61 941,407	1 454 007,475	23,474	23,009	62	60	84 665	7 441,102	91 535,116	12,301	11,836
13	11	99 156	59 550,462	1 392 066,068	23,376	22,911	63	61	83 241	7 034,561	84 094,014	11,954	11,490
14	12	99 139	57 250,335	1 332 515,606	23,275	22,810	64	62	81 704	6 639,080	77 059,453	11,607	11,142
15	13	99 121	55 038,120	1 275 265,271	23,171	22,706	65	63	80 056	6 254,980	70 420,372	11,258	10,793
16	14	99 097	52 908,862	1 220 227,150	23,063	22,603	66	64	78 294	5 882,036	64 165,392	10,909	10,444
17	15	99 066	50 857,581	1 167 318,288	22,953	22,488	67	65	76 408	5 519,591	58 283,356	10,559	10,095
18	16	99 028	48 882,821	1 116 460,707	22,840	22,375	68	66	74 426	5 169,580	52 763,765	10,207	9,742
19	17	98 977	46 978,563	1 067 577,886	22,725	22,260	69	67	72 325	4 830,454	47 594,186	9,853	9,388
20	18	98 924	45 147,613	1 020 599,324	22,606	22,141	70	68	70 138	4 504,197	42 763,731	9,494	9,029
21	19	98 867	43 386,209	975 451,711	22,483	22,018	71	69	67 859	4 190,266	38 259,534	9,131	8,666
22	20	98 811	41 693,782	932 065,502	22,355	21,890	72	70	65 403	3 883,264	34 069,268	8,773	8,309
23	21	98 753	40 066,809	890 371,720	22,222	21,757	73	71	62 885	3 590,132	30 186,004	8,408	7,943
24	22	98 695	38 503,050	850 304,912	22,084	21,619	74	72	60 228	3 306,214	26 595,871	8,044	7,579
25	23	98 633	36 998,997	811 801,861	21,941	21,476	75	73	57 478	3 033,879	23 289,657	7,677	7,212
26	24	98 574	35 554,429	774 802,865	21,792	21,327	76	74	54 581	2 770,160	20 255,778	7,312	6,847
27	25	98 514	34 166,272	739 248,436	21,637	21,172	77	75	51 581	2 517,228	17 485,618	6,946	6,482
28	26	98 451	32 831,026	705 082,164	21,476	21,011	78	76	48 508	2 276,223	14 968,390	6,576	6,111
29	27	98 387	31 548,069	672 251,138	21,309	20,844	79	77	45 313	2 044,489	12 692,167	6,208	5,743
30	28	98 318	30 313,357	640 703,069	21,136	20,671	80	78	42 040	1 823,867	10 647,678	5,838	5,373
31	29	98 243	29 125,133	610 389,712	20,957	20,493	81	79	38 615	1 610,833	8 823,811	5,478	5,013
32	30	98 162	27 981,964	581 264,579	20,773	20,308	82	80	35 097	1 407,786	7 212,978	5,124	4,659
33	31	98 075	26 881,694	553 282,615	20,582	20,117	83	81	31 510	1 215,278	5 805,192	4,777	4,312
34	32	97 974	25 821,344	526 400,921	20,386	19,921	84	82	27 848	1 032,728	4 589,913	4,444	3,980
35	33	97 873	24 802,433	500 579,578	20,183	19,718	85	83	24 161	861,562	3 557,186	4,129	3,664
36	34	97 764	23 822,141	475 777,145	19,972	19,507	86	84	20 501	702,934	2 695,624	3,835	3,370
37	35	97 641	22 876,939	451 955,004	19,756	19,291	87	85	16 993	560,222	1 992,690	3,557	3,092
38	36	97 498	21 964,853	429 078,065	19,535	19,070	88	86	13 709	434,594	1 432,468	3,296	2,831
39	37	97 352	21 088,531	407 113,212	19,305	18,840	89	87	10 700	326,155	997,874	3,060	2,595
40	38	97 191	20 243,793	386 024,681	19,069	18,604	90	88	8 047	235,863	671,719	2,848	2,383
41	39	97 017	19 430,324	365 780,888	18,825	18,360	91	89	5 827	164,216	435,856	2,654	2,189
42	40	96 813	18 643,761	346 350,564	18,577	18,112	92	90	4 058	109,955	271,640	2,470	2,006
43	41	96 615	17 890,000	327 706,803	18,318	17,853	93	91	2 686	69,979	161,684	2,310	1,846
44	42	96 390	17 161,904	309 816,802	18,053	17,588	94	92	1 691	42,376	91,705	2,164	1,699
45	43	96 145	16 459,928	292 654,898	17,780	17,315	95	93	1 003	24,157	49,330	2,042	1,577
46	44	95 879	15 782,960	276 194,971	17,500	17,035	96	94	562	13,021	25,172	1,933	1,468
47	45	95 590	15 130,295	260 412,011	17,211	16,746	97	95	297	6,613	12,151	1,838	1,373
48	46	95 265	14 498,827	245 281,716	16,917	16,453	98	96	148	3,163	5,539	1,751	1,286
49	47	94 902	13 888,127	230 782,889	16,617	16,152	99	97	69	1,420	2,376	1,673	1,208
							100	98	30	0,596	0,955	1,602	1,137

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	13 314,750	218 468,431	16,408	15,943
1							51	48	94 197	12 744,923	205 153,680	16,097	15,632
2							52	49	93 718	12 192,362	192 408,757	15,781	15,316
3	0	99 624	88 565,429	2 138 508,780	24,146	23,681	53	50	93 186	11 656,914	180 216,395	15,460	14,995
4	1	99 324	84 902,732	2 049 943,351	24,145	23,680	54	51	92 594	11 137,403	168 559,481	15,135	14,670
5	2	99 291	81 609,772	1 965 040,620	24,078	23,614	55	52	91 939	10 633,280	157 422,078	14,805	14,340
6	3	99 269	78 453,493	1 883 430,847	24,007	23,542	56	53	91 215	10 143,754	146 788,798	14,471	14,006
7	4	99 250	75 421,738	1 804 977,355	23,932	23,467	57	54	90 412	9 667,811	136 645,044	14,134	13,669
8	5	99 231	72 507,179	1 729 555,617	23,854	23,389	58	55	89 526	9 204,831	126 977,233	13,795	13,330
9	6	99 217	69 708,395	1 657 048,438	23,771	23,306	59	56	88 558	8 755,102	117 772,402	13,452	12,987
10	7	99 202	67 017,029	1 587 340,042	23,686	23,221	60	57	87 492	8 316,994	109 017,301	13,108	12,643
11	8	99 189	64 431,584	1 520 323,013	23,596	23,131	61	58	86 330	7 890,951	100 700,306	12,761	12,297
12	9	99 175	61 944,700	1 455 891,429	23,503	23,038	62	59	85 059	7 475,748	92 809,355	12,415	11,950
13	10	99 161	59 553,773	1 393 946,730	23,407	22,942	63	60	83 670	7 070,812	85 333,607	12,068	11,604
14	11	99 147	57 254,739	1 334 392,957	23,306	22,841	64	61	82 163	6 676,376	78 262,795	11,722	11,258
15	12	99 127	55 041,599	1 277 138,218	23,203	22,738	65	62	80 549	6 293,508	71 586,419	11,375	10,910
16	13	99 105	52 913,044	1 222 096,620	23,096	22,631	66	63	78 827	5 922,071	65 292,911	11,025	10,561
17	14	99 075	50 862,273	1 169 183,575	22,987	22,522	67	64	76 979	5 560,790	59 370,840	10,677	10,212
18	15	99 039	48 888,481	1 118 321,303	22,875	22,410	68	65	75 027	5 211,342	53 810,051	10,326	9,861
19	16	98 989	46 984,569	1 069 432,822	22,761	22,297	69	66	72 964	4 873,132	48 598,709	9,973	9,508
20	17	98 937	45 153,467	1 022 448,253	22,644	22,179	70	67	70 800	4 546,745	43 725,577	9,617	9,152
21	18	98 883	43 393,253	977 294,786	22,522	22,057	71	68	68 559	4 233,464	39 178,832	9,255	8,790
22	19	98 827	41 700,636	933 901,533	22,395	21,931	72	69	66 167	3 928,625	34 945,367	8,895	8,430
23	20	98 769	40 073,368	892 200,897	22,264	21,799	73	70	63 684	3 635,768	31 016,742	8,531	8,066
24	21	98 712	38 509,589	852 127,529	22,128	21,663	74	71	61 072	3 352,528	27 380,974	8,167	7,702
25	22	98 650	37 005,205	813 617,940	21,987	21,522	75	72	58 350	3 079,918	24 028,447	7,802	7,337
26	23	98 590	35 560,245	776 612,735	21,839	21,375	76	73	55 510	2 817,311	20 948,529	7,436	6,971
27	24	98 530	34 171,886	741 052,490	21,686	21,221	77	74	52 537	2 563,870	18 131,218	7,072	6,607
28	25	98 470	32 837,410	706 880,604	21,527	21,062	78	75	49 504	2 322,961	15 567,348	6,702	6,237
29	26	98 405	31 553,693	674 043,194	21,362	20,897	79	76	46 339	2 090,798	13 244,387	6,335	5,870
30	27	98 339	30 319,716	642 489,501	21,190	20,726	80	77	43 071	1 868,598	11 153,590	5,969	5,504
31	28	98 266	29 132,066	612 169,785	21,014	20,549	81	78	39 695	1 655,886	9 284,992	5,607	5,142
32	29	98 187	27 988,871	583 037,719	20,831	20,366	82	79	36 213	1 452,537	7 629,106	5,252	4,787
33	30	98 102	26 889,298	555 048,848	20,642	20,177	83	80	32 661	1 259,697	6 176,569	4,903	4,438
34	31	98 006	25 829,661	528 159,550	20,448	19,983	84	81	29 020	1 076,223	4 916,872	4,569	4,104
35	32	97 905	24 810,767	502 329,890	20,246	19,782	85	82	25 353	904,054	3 840,648	4,248	3,783
36	33	97 799	23 830,488	477 519,123	20,038	19,573	86	83	21 699	744,000	2 936,594	3,947	3,482
37	34	97 678	22 885,677	453 688,635	19,824	19,359	87	84	18 150	598,392	2 192,594	3,664	3,199
38	35	97 543	21 975,114	430 802,959	19,604	19,139	88	85	14 800	469,168	1 594,202	3,398	2,933
39	36	97 399	21 098,592	408 827,845	19,377	18,912	89	86	11 698	356,562	1 125,034	3,155	2,690
40	37	97 240	20 254,020	387 729,253	19,143	18,679	90	87	8 933	261,806	768,471	2,935	2,470
41	38	97 071	19 441,097	367 475,233	18,902	18,437	91	88	6 572	185,200	506,665	2,736	2,271
42	39	96 876	18 655,899	348 034,136	18,655	18,191	92	89	4 658	126,212	321,465	2,547	2,082
43	40	96 676	17 901,334	329 378,237	18,400	17,935	93	90	3 149	82,050	195,252	2,380	1,915
44	41	96 461	17 174,492	311 476,903	18,136	17,671	94	91	2 028	50,806	113,202	2,228	1,763
45	42	96 223	16 473,219	294 302,411	17,866	17,401	95	92	1 235	29,749	62,396	2,097	1,633
46	43	95 965	15 797,109	277 829,192	17,587	17,123	96	93	711	16,471	32,648	1,982	1,517
47	44	95 681	15 144,619	262 032,082	17,302	16,837	97	94	385	8,582	16,177	1,885	1,420
48	45	95 368	14 514,439	246 887,463	17,010	16,545	98	95	198	4,241	7,595	1,791	1,326
49	46	95 015	13 904,593	232 373,023	16,712	16,247	99	96	96	1,971	3,354	1,702	1,237
							100	97	43	0,846	1,383	1,635	1,171

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	13 330,536	219 916,020	16,497	16,032
1							51	47	94 320	12 761,505	206 585,484	16,188	15,723
2							52	48	93 860	12 210,887	193 823,979	15,873	15,408
3							53	49	93 343	11 676,579	181 613,091	15,554	15,089
4	0	99 612	85 148,972	2 051 979,219	24,099	23,634	54	50	92 765	11 157,977	169 936,513	15,230	14,765
5	1	99 313	81 627,927	1 966 830,248	24,095	23,630	55	51	92 131	10 655,406	158 778,536	14,901	14,436
6	2	99 282	78 463,803	1 885 202,320	24,026	23,562	56	52	91 416	10 166,165	148 123,130	14,570	14,105
7	3	99 260	75 429,258	1 806 738,517	23,953	23,488	57	53	90 637	9 691,833	137 956,965	14,234	13,770
8	4	99 240	72 513,854	1 731 309,259	23,876	23,411	58	54	89 773	9 230,253	128 265,132	13,896	13,431
9	5	99 224	69 713,132	1 658 795,405	23,795	23,330	59	55	88 835	8 782,436	119 034,879	13,554	13,089
10	6	99 209	67 021,923	1 589 082,273	23,710	23,245	60	56	87 789	8 345,214	110 252,443	13,211	12,747
11	7	99 194	64 434,653	1 522 060,350	23,622	23,157	61	57	86 656	7 920,703	101 907,229	12,866	12,401
12	8	99 183	61 949,164	1 457 625,697	23,529	23,065	62	58	85 416	7 507,080	93 986,525	12,520	12,055
13	9	99 167	59 556,938	1 395 676,533	23,434	22,970	63	59	84 060	7 103,734	86 479,446	12,174	11,709
14	10	99 152	57 257,922	1 336 119,595	23,335	22,870	64	60	82 586	6 710,781	79 375,712	11,828	11,363
15	11	99 134	55 045,832	1 278 861,673	23,233	22,768	65	61	81 001	6 328,863	72 664,931	11,482	11,017
16	12	99 111	52 916,389	1 223 815,841	23,127	22,663	66	62	79 312	5 958,548	66 336,068	11,133	10,668
17	13	99 082	50 866,293	1 170 899,453	23,019	22,554	67	63	77 503	5 598,637	60 377,520	10,784	10,320
18	14	99 048	48 892,991	1 120 033,160	22,908	22,443	68	64	75 587	5 250,240	54 778,883	10,434	9,969
19	15	99 001	46 990,009	1 071 140,168	22,795	22,330	69	65	73 553	4 912,499	49 528,643	10,082	9,617
20	16	98 949	45 159,240	1 024 150,159	22,679	22,214	70	66	71 426	4 586,916	44 616,144	9,727	9,262
21	17	98 896	43 398,880	978 990,919	22,558	22,093	71	67	69 206	4 273,455	40 029,227	9,367	8,902
22	18	98 843	41 707,406	935 592,040	22,432	21,967	72	68	66 849	3 969,126	35 755,772	9,008	8,544
23	19	98 786	40 079,956	893 884,634	22,303	21,838	73	69	64 428	3 678,238	31 786,646	8,642	8,177
24	20	98 728	38 515,893	853 804,678	22,168	21,703	74	70	61 848	3 395,143	28 108,408	8,279	7,814
25	21	98 667	37 011,490	815 288,785	22,028	21,563	75	71	59 167	3 123,061	24 713,266	7,913	7,448
26	22	98 606	35 566,212	778 277,295	21,882	21,418	76	72	56 352	2 860,063	21 590,205	7,549	7,084
27	23	98 546	34 177,476	742 711,083	21,731	21,266	77	73	53 431	2 607,509	18 730,142	7,183	6,718
28	24	98 486	32 842,805	708 533,607	21,573	21,109	78	74	50 422	2 366,003	16 122,632	6,814	6,349
29	25	98 424	31 559,829	675 690,802	21,410	20,945	79	75	47 290	2 133,728	13 756,629	6,447	5,982
30	26	98 356	30 325,122	644 130,973	21,241	20,776	80	76	44 046	1 910,923	11 622,901	6,082	5,618
31	27	98 287	29 138,177	613 805,852	21,065	20,601	81	77	40 668	1 696,497	9 711,978	5,725	5,260
32	28	98 210	27 995,533	584 667,674	20,884	20,419	82	78	37 226	1 493,162	8 015,480	5,368	4,903
33	29	98 127	26 895,935	556 672,141	20,697	20,232	83	79	33 700	1 299,740	6 522,319	5,018	4,553
34	30	98 034	25 836,967	529 776,206	20,505	20,040	84	80	30 081	1 115,560	5 222,579	4,682	4,217
35	31	97 937	24 818,759	503 939,239	20,305	19,840	85	81	26 421	942,131	4 107,019	4,359	3,894
36	32	97 832	23 838,495	479 120,480	20,099	19,634	86	82	22 769	780,694	3 164,888	4,054	3,589
37	33	97 712	22 893,695	455 281,985	19,887	19,422	87	83	19 211	633,350	2 384,194	3,764	3,300
38	34	97 581	21 983,507	432 388,291	19,669	19,204	88	84	15 808	501,135	1 750,843	3,494	3,029
39	35	97 444	21 108,448	410 404,784	19,443	18,978	89	85	12 628	384,929	1 249,709	3,247	2,782
40	36	97 286	20 263,683	389 296,336	19,212	18,747	90	86	9 765	286,214	864,779	3,021	2,557
41	37	97 120	19 450,918	369 032,652	18,973	18,508	91	87	7 295	205,571	578,565	2,814	2,350
42	38	96 930	18 666,242	349 581,734	18,728	18,263	92	88	5 253	142,340	372,994	2,620	2,156
43	39	96 739	17 912,989	330 915,492	18,473	18,009	93	89	3 615	94,181	230,653	2,449	1,984
44	40	96 522	17 185,372	313 002,503	18,213	17,748	94	90	2 378	59,570	136,472	2,291	1,826
45	41	96 294	16 485,302	295 817,130	17,944	17,479	95	91	1 481	35,667	76,903	2,156	1,691
46	42	96 042	15 809,866	279 331,828	17,668	17,203	96	92	876	20,283	41,236	2,033	1,568
47	43	95 767	15 158,197	263 521,963	17,385	16,920	97	93	487	10,856	20,953	1,930	1,465
48	44	95 458	14 528,181	248 363,766	17,095	16,630	98	94	257	5,504	10,098	1,834	1,370
49	45	95 117	13 919,565	233 835,585	16,799	16,334	99	95	128	2,643	4,593	1,738	1,273
							100	96	59	1,173	1,951	1,662	1,197

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	13 344,891	221 245,896	16,579	16,114
1							51	46	94 431	12 776,635	207 901,005	16,272	15,807
2							52	47	93 982	12 226,774	195 124,370	15,959	15,494
3							53	48	93 485	11 694,320	182 897,596	15,640	15,175
4							54	49	92 922	11 176,799	171 203,276	15,318	14,853
5	0	99 601	81 864,669	1 968 711,069	24,048	23,584	55	50	92 301	10 675,090	160 026,477	14,991	14,526
6	1	99 304	78 481,258	1 886 846,399	24,042	23,577	56	51	91 607	10 187,319	149 351,386	14,661	14,196
7	2	99 273	75 439,171	1 808 365,141	23,971	23,506	57	52	90 837	9 713,245	139 164,068	14,327	13,862
8	3	99 250	72 521,085	1 732 925,970	23,895	23,431	58	53	89 996	9 253,188	129 450,823	13,990	13,525
9	4	99 233	69 719,550	1 660 404,885	23,815	23,351	59	54	89 080	8 806,692	120 197,635	13,648	13,184
10	5	99 216	67 026,477	1 590 685,336	23,732	23,267	60	55	88 063	8 371,269	111 390,943	13,306	12,842
11	6	99 201	64 439,358	1 523 658,859	23,645	23,180	61	56	86 950	7 947,579	103 019,674	12,962	12,498
12	7	99 187	61 952,115	1 459 219,501	23,554	23,089	62	57	85 738	7 535,385	95 072,095	12,617	12,152
13	8	99 174	59 561,231	1 397 267,386	23,459	22,995	63	58	84 412	7 133,506	87 536,710	12,271	11,806
14	9	99 157	57 260,965	1 337 706,155	23,362	22,897	64	59	82 971	6 742,026	80 403,204	11,926	11,461
15	10	99 140	55 048,892	1 280 445,190	23,260	22,795	65	60	81 419	6 361,477	73 661,177	11,579	11,114
16	11	99 119	52 920,458	1 225 396,298	23,155	22,691	66	61	79 758	5 992,021	67 299,701	11,232	10,767
17	12	99 089	50 869,508	1 172 475,839	23,049	22,584	67	62	77 980	5 633,123	61 307,680	10,883	10,419
18	13	99 056	48 896,856	1 121 606,331	22,938	22,473	68	63	76 101	5 285,974	55 674,557	10,533	10,068
19	14	99 010	46 994,344	1 072 709,475	22,826	22,362	69	64	74 102	4 949,167	50 388,583	10,181	9,716
20	15	98 961	45 164,469	1 025 715,131	22,711	22,246	70	65	72 003	4 623,971	45 439,417	9,827	9,362
21	16	98 909	43 404,428	980 550,662	22,591	22,126	71	66	69 818	4 311,212	40 815,445	9,467	9,002
22	17	98 856	41 712,814	937 146,234	22,467	22,002	72	67	67 481	4 006,620	36 504,234	9,111	8,646
23	18	98 802	40 086,462	895 433,420	22,338	21,873	73	68	65 092	3 716,157	32 497,614	8,745	8,280
24	19	98 744	38 522,225	855 346,957	22,204	21,739	74	69	62 570	3 434,802	28 781,456	8,379	7,915
25	20	98 683	37 017,549	816 824,732	22,066	21,601	75	70	59 919	3 162,759	25 346,655	8,014	7,549
26	21	98 623	35 572,252	779 807,183	21,922	21,457	76	71	57 141	2 900,126	22 183,895	7,649	7,184
27	22	98 563	34 183,211	744 234,931	21,772	21,307	77	72	54 242	2 647,078	19 283,769	7,285	6,820
28	23	98 502	32 848,178	710 051,720	21,616	21,151	78	73	51 280	2 406,275	16 636,691	6,914	6,449
29	24	98 440	31 565,014	677 203,542	21,454	20,989	79	74	48 167	2 173,265	14 230,416	6,548	6,083
30	25	98 376	30 331,018	645 638,528	21,286	20,822	80	75	44 951	1 950,160	12 057,151	6,183	5,718
31	26	98 304	29 143,372	615 307,510	21,113	20,648	81	76	41 589	1 734,924	10 106,992	5,826	5,361
32	27	98 231	28 001,406	586 164,138	20,933	20,469	82	77	38 138	1 529,782	8 372,068	5,473	5,008
33	28	98 150	26 902,337	558 162,732	20,748	20,283	83	78	34 642	1 336,092	6 842,285	5,121	4,656
34	29	98 058	25 843,344	531 260,394	20,557	20,092	84	79	31 037	1 151,021	5 506,193	4,784	4,319
35	30	97 965	24 825,779	505 417,050	20,359	19,894	85	80	27 386	976,566	4 355,173	4,460	3,995
36	31	97 863	23 846,174	480 591,271	20,154	19,689	86	81	23 728	813,575	3 378,607	4,153	3,688
37	32	97 745	22 901,388	456 745,097	19,944	19,479	87	82	20 158	664,587	2 565,031	3,860	3,395
38	33	97 615	21 991,209	433 843,710	19,728	19,263	88	83	16 732	530,411	1 900,444	3,583	3,118
39	34	97 482	21 116,510	411 852,501	19,504	19,039	89	84	13 489	411,156	1 370,033	3,332	2,867
40	35	97 332	20 273,150	390 735,991	19,274	18,809	90	85	10 542	308,984	958,876	3,103	2,638
41	36	97 166	19 460,198	370 462,841	19,037	18,572	91	86	7 975	224,737	649,892	2,892	2,427
42	37	96 979	18 675,672	351 002,644	18,795	18,330	92	87	5 831	157,997	425,155	2,691	2,226
43	38	96 793	17 922,920	332 326,971	18,542	18,077	93	88	4 077	106,216	267,159	2,515	2,050
44	39	96 585	17 196,561	314 404,051	18,283	17,818	94	89	2 729	68,377	160,942	2,354	1,889
45	40	96 355	16 495,746	297 207,490	18,017	17,552	95	90	1 736	41,819	92,566	2,213	1,749
46	41	96 113	15 821,462	280 711,744	17,742	17,278	96	91	1 050	24,318	50,747	2,087	1,622
47	42	95 844	15 170,437	264 890,282	17,461	16,996	97	92	600	13,368	26,429	1,977	1,512
48	43	95 543	14 541,205	249 719,845	17,173	16,708	98	93	325	6,963	13,061	1,876	1,411
49	44	95 207	13 932,744	235 178,639	16,880	16,415	99	94	167	3,429	6,098	1,778	1,313
							100	95	79	1,574	2,669	1,696	1,231

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	13 357,525	222 465,865	16,655	16,190
1							51	45	94 533	12 790,393	209 108,340	16,349	15,884
2							52	46	94 094	12 241,270	196 317,946	16,037	15,573
3							53	47	93 607	11 709,535	184 076,676	15,720	15,255
4							54	48	93 063	11 193,781	172 367,141	15,398	14,934
5							55	49	92 456	10 693,098	161 173,360	15,073	14,608
6	0	99 592	78 708,874	1 888 583,169	23,995	23,530	56	50	91 776	10 206,138	150 480,262	14,744	14,279
7	1	99 295	75 455,954	1 809 874,295	23,986	23,521	57	51	91 026	9 733,456	140 274,124	14,412	13,947
8	2	99 263	72 530,615	1 734 418,342	23,913	23,448	58	52	90 195	9 273,631	130 540,667	14,077	13,612
9	3	99 243	69 726,501	1 661 887,726	23,834	23,370	59	53	89 301	8 828,574	121 267,036	13,736	13,271
10	4	99 225	67 032,647	1 592 161,225	23,752	23,287	60	54	88 306	8 394,389	112 438,462	13,394	12,930
11	5	99 208	64 443,736	1 525 128,577	23,666	23,201	61	55	87 221	7 972,392	104 044,073	13,051	12,586
12	6	99 195	61 956,639	1 460 684,841	23,576	23,111	62	56	86 029	7 560,953	96 071,681	12,706	12,241
13	7	99 179	59 564,068	1 398 728,203	23,483	23,018	63	57	84 730	7 160,403	88 510,728	12,361	11,896
14	8	99 165	57 265,092	1 339 164,135	23,385	22,921	64	58	83 318	6 770,283	81 350,325	12,016	11,551
15	9	99 145	55 051,818	1 281 899,043	23,285	22,820	65	59	81 798	6 391,096	74 580,042	11,669	11,205
16	10	99 125	52 923,401	1 226 847,224	23,182	22,717	66	60	80 169	6 022,899	68 188,946	11,322	10,857
17	11	99 096	50 873,420	1 173 923,824	23,075	22,611	67	61	78 418	5 664,767	62 166,047	10,974	10,509
18	12	99 062	48 899,946	1 123 050,403	22,966	22,501	68	62	76 570	5 318,534	56 501,280	10,623	10,159
19	13	99 018	46 998,059	1 074 150,457	22,855	22,390	69	63	74 607	4 982,852	51 182,746	10,272	9,807
20	14	98 970	45 168,636	1 027 152,398	22,740	22,276	70	64	72 540	4 658,485	46 199,895	9,917	9,453
21	15	98 920	43 409,454	981 983,762	22,621	22,157	71	65	70 382	4 346,040	41 541,410	9,558	9,094
22	16	98 869	41 718,147	938 574,308	22,498	22,033	72	66	68 077	4 042,019	37 195,370	9,202	8,737
23	17	98 815	40 091,660	896 856,161	22,370	21,905	73	67	65 707	3 751,261	33 153,351	8,838	8,373
24	18	98 760	38 528,479	856 764,500	22,237	21,772	74	68	63 215	3 470,212	29 402,090	8,473	8,008
25	19	98 699	37 023,634	818 236,021	22,100	21,636	75	69	60 619	3 199,704	25 931,878	8,104	7,640
26	20	98 639	35 578,076	781 212,387	21,958	21,493	76	70	57 868	2 936,991	22 732,174	7,740	7,275
27	21	98 580	34 189,016	745 634,311	21,809	21,344	77	71	55 002	2 684,158	19 795,183	7,375	6,910
28	22	98 518	32 853,690	711 445,295	21,655	21,190	78	72	52 058	2 442,790	17 111,025	7,005	6,540
29	23	98 456	31 570,177	678 591,605	21,495	21,030	79	73	48 986	2 210,256	14 668,236	6,636	6,172
30	24	98 392	30 336,002	647 021,428	21,329	20,864	80	74	45 784	1 986,295	12 457,980	6,272	5,807
31	25	98 324	29 149,039	616 685,426	21,156	20,691	81	75	42 443	1 770,547	10 471,685	5,914	5,450
32	26	98 248	28 006,398	587 536,387	20,979	20,514	82	76	39 002	1 564,433	8 701,138	5,562	5,097
33	27	98 171	26 907,981	559 529,989	20,794	20,329	83	77	35 492	1 368,860	7 136,705	5,214	4,749
34	28	98 081	25 849,496	532 622,008	20,605	20,140	84	78	31 905	1 183,213	5 767,845	4,875	4,410
35	29	97 989	24 831,907	506 772,512	20,408	19,943	85	79	28 257	1 007,609	4 584,632	4,550	4,085
36	30	97 891	23 852,919	481 940,605	20,205	19,740	86	80	24 595	843,312	3 577,023	4,242	3,777
37	31	97 777	22 908,764	458 087,686	19,996	19,531	87	81	21 007	692,578	2 733,711	3,947	3,482
38	32	97 648	21 998,598	435 178,922	19,782	19,317	88	82	17 557	556,571	2 041,133	3,667	3,203
39	33	97 516	21 123,908	413 180,324	19,560	19,095	89	83	14 277	435,176	1 484,562	3,411	2,947
40	34	97 369	20 280,893	392 056,415	19,331	18,866	90	84	11 261	330,037	1 049,386	3,180	2,715
41	35	97 211	19 469,289	371 775,522	19,095	18,631	91	85	8 609	242,616	719,349	2,965	2,500
42	36	97 025	18 684,582	352 306,234	18,855	18,391	92	86	6 374	172,727	476,733	2,760	2,295
43	37	96 842	17 931,975	333 621,652	18,605	18,140	93	87	4 525	117,899	304,006	2,579	2,114
44	38	96 638	17 206,095	315 689,677	18,348	17,883	94	88	3 078	77,114	186,107	2,413	1,949
45	39	96 417	16 506,486	298 483,581	18,083	17,618	95	89	1 993	48,002	108,993	2,271	1,806
46	40	96 173	15 831,485	281 977,096	17,811	17,346	96	90	1 231	28,513	60,991	2,139	1,674
47	41	95 914	15 181,564	266 145,610	17,531	17,066	97	91	720	16,027	32,478	2,026	1,562
48	42	95 621	14 552,948	250 964,046	17,245	16,780	98	92	400	8,574	16,451	1,919	1,454
49	43	95 293	13 945,234	236 411,099	16,953	16,488	99	93	211	4,338	7,877	1,816	1,351
							100	94	103	2,042	3,539	1,733	1,268

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	13 369,500	223 584,459	16,723	16,259
1							51	44	94 623	12 802,502	210 214,959	16,420	15,955
2							52	45	94 195	12 254,452	197 412,457	16,109	15,645
3							53	46	93 718	11 723,418	185 158,005	15,794	15,329
4							54	47	93 184	11 208,345	173 434,587	15,474	15,009
5							55	48	92 597	10 709,345	162 226,242	15,148	14,683
6							56	49	91 931	10 223,355	151 516,897	14,821	14,356
7	0	99 583	75 674,795	1 811 477,545	23,938	23,473	57	50	91 195	9 751,437	141 293,542	14,490	14,025
8	1	99 285	72 546,751	1 735 802,750	23,927	23,462	58	51	90 383	9 292,928	131 542,105	14,155	13,690
9	2	99 256	69 735,665	1 663 255,999	23,851	23,386	59	52	89 499	8 848,079	122 249,177	13,816	13,352
10	3	99 235	67 039,331	1 593 520,334	23,770	23,305	60	53	88 525	8 415,247	113 401,098	13,476	13,011
11	4	99 217	64 449,669	1 526 481,003	23,685	23,220	61	54	87 462	7 994,411	104 985,851	13,132	12,668
12	5	99 201	61 960,848	1 462 031,334	23,596	23,131	62	55	86 297	7 584,559	96 991,440	12,788	12,323
13	6	99 186	59 568,417	1 400 070,485	23,504	23,039	63	56	85 018	7 184,699	89 406,881	12,444	11,979
14	7	99 169	57 267,820	1 340 502,068	23,408	22,943	64	57	83 632	6 795,810	82 222,183	12,099	11,634
15	8	99 152	55 055,786	1 283 234,249	23,308	22,843	65	58	82 141	6 417,881	75 426,373	11,753	11,288
16	9	99 130	52 926,214	1 228 178,462	23,205	22,741	66	59	80 542	6 050,942	69 008,491	11,405	10,940
17	10	99 102	50 876,249	1 175 252,249	23,100	22,635	67	60	78 822	5 693,959	62 957,549	11,057	10,592
18	11	99 070	48 903,707	1 124 376,000	22,992	22,527	68	61	77 000	5 348,411	57 263,590	10,707	10,242
19	12	99 024	47 001,029	1 075 472,293	22,882	22,417	69	62	75 066	5 013,544	51 915,179	10,355	9,890
20	13	98 978	45 172,206	1 028 471,263	22,768	22,303	70	63	73 034	4 690,192	46 901,635	10,000	9,535
21	14	98 929	43 413,459	983 299,057	22,650	22,185	71	64	70 907	4 378,479	42 211,444	9,641	9,176
22	15	98 880	41 722,978	939 885,598	22,527	22,062	72	65	68 627	4 074,672	37 832,965	9,285	8,820
23	16	98 827	40 096,786	898 162,621	22,400	21,935	73	66	66 287	3 784,404	33 758,293	8,920	8,456
24	17	98 773	38 533,475	858 065,834	22,268	21,803	74	67	63 813	3 502,993	29 973,889	8,557	8,092
25	18	98 715	37 029,645	819 532,359	22,132	21,667	75	68	61 244	3 232,690	26 470,896	8,189	7,724
26	19	98 655	35 583,925	782 502,714	21,990	21,526	76	69	58 544	2 971,298	23 238,206	7,821	7,356
27	20	98 596	34 194,613	746 918,790	21,843	21,378	77	70	55 701	2 718,277	20 266,907	7,456	6,991
28	21	98 535	32 859,269	712 724,176	21,690	21,225	78	71	52 787	2 477,008	17 548,630	7,085	6,620
29	22	98 473	31 575,475	679 864,907	21,531	21,067	79	72	49 730	2 243,796	15 071,622	6,717	6,252
30	23	98 408	30 340,964	648 289,432	21,367	20,902	80	73	46 563	2 020,103	12 827,826	6,350	5,885
31	24	98 340	29 153,828	617 948,468	21,196	20,731	81	74	43 230	1 803,354	10 807,723	5,993	5,528
32	25	98 267	28 011,844	588 794,640	21,019	20,555	82	75	39 803	1 596,555	9 004,369	5,640	5,175
33	26	98 188	26 912,778	560 782,796	20,837	20,372	83	76	36 296	1 399,865	7 407,813	5,292	4,827
34	27	98 102	25 854,919	533 870,018	20,649	20,184	84	77	32 688	1 212,232	6 007,948	4,956	4,491
35	28	98 012	24 837,818	508 015,098	20,453	19,988	85	78	29 047	1 035,790	4 795,716	4,630	4,165
36	29	97 915	23 858,806	483 177,281	20,252	19,787	86	79	25 377	870,119	3 759,926	4,321	3,856
37	30	97 804	22 915,244	459 318,474	20,044	19,579	87	80	21 775	717,892	2 889,807	4,025	3,561
38	31	97 679	22 005,684	436 403,230	19,831	19,367	88	81	18 297	580,013	2 171,915	3,745	3,280
39	32	97 548	21 131,006	414 397,546	19,611	19,146	89	82	14 981	456,639	1 591,902	3,486	3,021
40	33	97 403	20 287,998	393 266,539	19,384	18,919	90	83	11 918	349,318	1 135,263	3,250	2,785
41	34	97 248	19 476,725	372 978,541	19,150	18,685	91	84	9 196	259,146	785,945	3,033	2,568
42	35	97 070	18 693,311	353 501,816	18,911	18,446	92	85	6 881	186,468	526,799	2,825	2,360
43	36	96 888	17 940,530	334 808,505	18,662	18,197	93	86	4 947	128,891	340,331	2,640	2,176
44	37	96 687	17 214,788	316 867,976	18,407	17,942	94	87	3 417	85,596	211,440	2,470	2,005
45	38	96 471	16 515,637	299 653,188	18,144	17,679	95	88	2 247	54,136	125,844	2,325	1,860
46	39	96 236	15 841,793	283 137,551	17,873	17,408	96	89	1 413	32,728	71,708	2,191	1,726
47	40	95 975	15 191,182	267 295,758	17,595	17,131	97	90	844	18,792	38,980	2,074	1,609
48	41	95 691	14 563,622	252 104,576	17,311	16,846	98	91	480	10,280	20,188	1,964	1,499
49	42	95 370	13 956,495	237 540,954	17,020	16,555	99	92	259	5,342	9,908	1,855	1,390
							100	93	130	2,583	4,565	1,767	1,303

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	13 380,296	224 609,248	16,787	16,322
1							51	43	94 707	12 813,980	211 228,952	16,484	16,019
2							52	44	94 284	12 266,054	198 414,972	16,176	15,711
3							53	45	93 819	11 736,042	186 148,918	15,861	15,396
4							54	46	93 295	11 221,634	174 412,877	15,543	15,078
5							55	47	92 717	10 723,279	163 191,243	15,218	14,754
6							56	48	92 070	10 238,888	152 467,964	14,891	14,426
7							57	49	91 348	9 767,887	142 229,076	14,561	14,096
8	0	99 573	72 757,155	1 737 282,485	23,878	23,413	58	50	90 550	9 310,095	132 461,189	14,228	13,763
9	1	99 278	69 751,178	1 664 525,331	23,864	23,399	59	51	89 685	8 866,491	123 151,094	13,889	13,425
10	2	99 248	67 048,142	1 594 774,152	23,786	23,321	60	52	88 721	8 433,839	114 284,604	13,551	13,086
11	3	99 227	64 456,095	1 527 726,011	23,702	23,237	61	53	87 679	8 014,275	105 850,765	13,208	12,743
12	4	99 210	61 966,553	1 463 269,915	23,614	23,149	62	54	86 536	7 605,506	97 836,490	12,864	12,399
13	5	99 193	59 572,465	1 401 303,363	23,523	23,058	63	55	85 283	7 207,130	90 230,984	12,520	12,055
14	6	99 177	57 272,002	1 341 730,898	23,427	22,963	64	56	83 916	6 818,868	83 023,854	12,176	11,711
15	7	99 157	55 058,409	1 284 458,896	23,329	22,864	65	57	82 450	6 442,080	76 204,985	11,829	11,364
16	8	99 137	52 930,028	1 229 400,488	23,227	22,762	66	58	80 880	6 076,302	69 762,906	11,481	11,016
17	9	99 107	50 878,953	1 176 470,460	23,123	22,658	67	59	79 189	5 720,471	63 686,604	11,133	10,668
18	10	99 075	48 906,426	1 125 591,507	23,015	22,550	68	60	77 397	5 375,972	57 966,133	10,782	10,318
19	11	99 032	47 004,644	1 076 685,081	22,906	22,441	69	61	75 488	5 041,708	52 590,161	10,431	9,966
20	12	98 984	45 175,061	1 029 680,436	22,793	22,328	70	62	73 484	4 719,082	47 548,453	10,076	9,611
21	13	98 937	43 416,891	984 505,375	22,676	22,211	71	63	71 390	4 408,280	42 829,372	9,716	9,251
22	14	98 889	41 726,827	941 088,485	22,554	22,089	72	64	69 139	4 105,086	38 421,092	9,359	8,895
23	15	98 839	40 101,429	899 361,658	22,427	21,962	73	65	66 823	3 814,976	34 316,006	8,995	8,530
24	16	98 786	38 538,402	859 260,229	22,296	21,831	74	66	64 376	3 533,942	30 501,030	8,631	8,166
25	17	98 728	37 034,446	820 721,827	22,161	21,696	75	67	61 823	3 263,228	26 967,088	8,264	7,799
26	18	98 671	35 589,701	783 687,380	22,020	21,555	76	68	59 147	3 001,930	23 703,860	7,896	7,431
27	19	98 612	34 200,235	748 097,679	21,874	21,409	77	69	56 351	2 750,030	20 701,930	7,528	7,063
28	20	98 551	32 864,446	713 897,444	21,722	21,258	78	70	53 458	2 508,494	17 951,901	7,156	6,692
29	21	98 490	31 580,837	681 032,796	21,565	21,100	79	71	50 426	2 275,227	15 443,406	6,788	6,323
30	22	98 424	30 346,056	649 451,958	21,402	20,937	80	72	47 270	2 050,758	13 168,180	6,421	5,956
31	23	98 356	29 158,597	619 105,903	21,232	20,768	81	73	43 965	1 834,049	11 117,422	6,062	5,597
32	24	98 283	28 016,446	589 947,305	21,057	20,592	82	74	40 541	1 626,138	9 283,373	5,709	5,244
33	25	98 207	26 918,011	561 930,859	20,876	20,411	83	75	37 041	1 428,609	7 657,235	5,360	4,895
34	26	98 119	25 859,528	535 012,848	20,689	20,224	84	76	33 428	1 239,690	6 228,626	5,024	4,560
35	27	98 033	24 843,028	509 153,319	20,495	20,030	85	77	29 760	1 061,193	4 988,936	4,701	4,236
36	28	97 938	23 864,486	484 310,291	20,294	19,829	86	78	26 087	894,455	3 927,742	4,391	3,926
37	29	97 828	22 920,900	460 445,805	20,088	19,624	87	79	22 467	740,712	3 033,288	4,095	3,630
38	30	97 707	22 011,909	437 524,904	19,877	19,412	88	80	18 965	601,212	2 292,576	3,813	3,348
39	31	97 580	21 137,813	415 512,996	19,657	19,193	89	81	15 612	475,872	1 691,363	3,554	3,089
40	32	97 436	20 294,815	394 375,183	19,432	18,967	90	82	12 506	366,546	1 215,491	3,316	2,851
41	33	97 283	19 483,548	374 080,367	19,200	18,735	91	83	9 733	274,286	848,945	3,095	2,630
42	34	97 107	18 700,451	354 596,819	18,962	18,497	92	84	7 350	199,173	574,660	2,885	2,420
43	35	96 933	17 948,911	335 896,368	18,714	18,249	93	85	5 340	139,145	375,486	2,699	2,234
44	36	96 733	17 223,000	317 947,457	18,461	17,996	94	86	3 735	93,576	236,341	2,526	2,061
45	37	96 519	16 523,981	300 724,457	18,199	17,734	95	87	2 494	60,090	142,765	2,376	1,911
46	38	96 289	15 850,576	284 200,476	17,930	17,465	96	88	1 593	36,910	82,675	2,240	1,775
47	39	96 038	15 201,073	268 349,901	17,653	17,189	97	89	968	21,570	45,764	2,122	1,657
48	40	95 751	14 572,848	253 148,828	17,371	16,906	98	90	563	12,053	24,194	2,007	1,542
49	41	95 440	13 966,732	238 575,980	17,082	16,617	99	91	311	6,405	12,141	1,896	1,431
							100	92	161	3,181	5,736	1,803	1,338

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	13 390,110	225 547,527	16,844	16,380
1							51	42	94 784	12 824,327	212 157,416	16,543	16,079
2							52	43	94 369	12 277,050	199 333,089	16,236	15,771
3							53	44	93 907	11 747,153	187 056,039	15,924	15,459
4							54	45	93 395	11 233,717	175 308,886	15,606	15,141
5							55	46	92 827	10 735,992	164 075,169	15,283	14,818
6							56	47	92 190	10 252,210	153 339,177	14,957	14,492
7							57	48	91 487	9 782,728	143 086,967	14,626	14,162
8							58	49	90 703	9 325,800	133 304,239	14,294	13,829
9	0	99 566	69 953,475	1 665 890,998	23,814	23,349	59	50	89 850	8 882,870	123 978,439	13,957	13,492
10	1	99 270	67 063,057	1 595 937,523	23,798	23,333	60	51	88 905	8 451,388	115 095,569	13,619	13,154
11	2	99 240	64 464,566	1 528 874,466	23,717	23,252	61	52	87 873	8 031,981	106 644,181	13,277	12,813
12	3	99 220	61 972,731	1 464 409,900	23,630	23,165	62	53	86 751	7 624,404	98 612,200	12,934	12,469
13	4	99 202	59 577,949	1 402 437,168	23,540	23,075	63	54	85 519	7 227,035	90 987,796	12,590	12,125
14	5	99 183	57 275,893	1 342 859,219	23,445	22,981	64	55	84 178	6 840,158	83 760,761	12,245	11,781
15	6	99 164	55 062,429	1 285 583,326	23,348	22,883	65	56	82 730	6 463,938	76 920,603	11,900	11,435
16	7	99 142	52 932,549	1 230 520,897	23,247	22,782	66	57	81 185	6 099,212	70 456,665	11,552	11,087
17	8	99 114	50 882,620	1 177 588,348	23,143	22,678	67	58	79 521	5 744,445	64 357,453	11,203	10,739
18	9	99 081	48 909,026	1 126 705,728	23,037	22,572	68	59	77 757	5 401,003	58 613,008	10,852	10,387
19	10	99 037	47 007,258	1 077 796,702	22,928	22,463	69	60	75 877	5 067,689	53 212,004	10,500	10,035
20	11	98 992	45 178,535	1 030 789,445	22,816	22,351	70	61	73 897	4 745,591	48 144,315	10,145	9,680
21	12	98 943	43 419,635	985 610,910	22,700	22,235	71	62	71 830	4 435,433	43 398,724	9,785	9,320
22	13	98 897	41 730,125	942 191,275	22,578	22,113	72	63	69 610	4 133,026	38 963,291	9,427	8,962
23	14	98 848	40 105,129	900 461,149	22,453	21,988	73	64	67 322	3 843,452	34 830,266	9,062	8,597
24	15	98 797	38 542,864	860 356,021	22,322	21,857	74	65	64 896	3 562,491	30 986,814	8,698	8,233
25	16	98 740	37 039,182	821 813,157	22,188	21,723	75	66	62 369	3 292,059	27 424,323	8,330	7,866
26	17	98 684	35 594,316	784 773,975	22,048	21,583	76	67	59 706	3 030,287	24 132,265	7,964	7,499
27	18	98 628	34 205,787	749 179,659	21,902	21,437	77	68	56 932	2 778,380	21 101,977	7,595	7,130
28	19	98 568	32 870,051	714 973,872	21,752	21,287	78	69	54 083	2 537,796	18 323,597	7,220	6,755
29	20	98 506	31 586,007	682 103,820	21,595	21,130	79	70	51 067	2 304,148	15 785,801	6,851	6,386
30	21	98 441	30 351,209	650 517,813	21,433	20,968	80	71	47 932	2 079,485	13 481,653	6,483	6,018
31	22	98 372	29 163,490	620 166,604	21,265	20,800	81	72	44 633	1 861,880	11 402,168	6,124	5,659
32	23	98 299	28 021,030	591 003,114	21,091	20,627	82	73	41 231	1 653,817	9 540,288	5,769	5,304
33	24	98 223	26 922,434	562 982,084	20,911	20,446	83	74	37 727	1 455,080	7 886,471	5,420	4,955
34	25	98 138	25 864,557	536 059,650	20,726	20,261	84	75	34 115	1 265,144	6 431,391	5,084	4,619
35	26	98 050	24 847,457	510 195,093	20,533	20,068	85	76	30 434	1 085,230	5 166,247	4,761	4,296
36	27	97 959	23 869,493	485 347,636	20,333	19,869	86	77	26 727	916,392	4 081,017	4,453	3,989
37	28	97 852	22 926,357	461 478,144	20,129	19,664	87	78	23 096	761,429	3 164,625	4,156	3,691
38	29	97 731	22 017,342	438 551,787	19,918	19,454	88	79	19 568	620,324	2 403,196	3,874	3,409
39	30	97 607	21 143,792	416 534,445	19,700	19,235	89	80	16 183	493,265	1 782,873	3,614	3,150
40	31	97 467	20 301,352	395 390,653	19,476	19,011	90	81	13 033	381,984	1 289,608	3,376	2,911
41	32	97 315	19 490,095	375 089,301	19,245	18,780	91	82	10 213	287,814	907,624	3,154	2,689
42	33	97 141	18 707,002	355 599,205	19,009	18,544	92	83	7 780	210,809	619,810	2,940	2,475
43	34	96 970	17 955,766	336 892,203	18,762	18,298	93	84	5 704	148,626	409,001	2,752	2,287
44	35	96 778	17 231,046	318 936,437	18,509	18,045	94	85	4 032	101,021	260,376	2,577	2,113
45	36	96 566	16 531,864	301 705,390	18,250	17,785	95	86	2 727	65,692	159,355	2,426	1,961
46	37	96 338	15 858,583	285 173,526	17,982	17,517	96	87	1 769	40,970	93,662	2,286	1,821
47	38	96 091	15 209,500	269 314,943	17,707	17,242	97	88	1 092	24,327	52,692	2,166	1,701
48	39	95 814	14 582,336	254 105,443	17,426	16,961	98	89	646	13,835	28,365	2,050	1,585
49	40	95 500	13 975,580	239 523,107	17,139	16,674	99	90	365	7,510	14,530	1,935	1,470
							100	91	193	3,814	7,020	1,841	1,376

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	40	95 220	13 398,593	226 405,731	16,898	16,433
1							51	41	94 853	12 833,734	213 007,138	16,597	16,133
2							52	42	94 445	12 286,964	200 173,404	16,292	15,827
3							53	43	93 992	11 757,684	187 886,440	15,980	15,515
4							54	44	93 483	11 244,353	176 128,756	15,664	15,199
5							55	45	92 927	10 747,553	164 884,403	15,342	14,877
6							56	46	92 299	10 264,365	154 136,850	15,017	14,552
7							57	47	91 606	9 795,456	143 872,486	14,688	14,223
8							58	48	90 840	9 339,970	134 077,030	14,355	13,890
9							59	49	90 002	8 897,854	124 737,060	14,019	13,554
10	0	99 558	67 257,558	1 597 197,967	23,747	23,283	60	50	89 070	8 467,001	115 839,206	13,681	13,216
11	1	99 262	64 478,907	1 529 940,410	23,728	23,263	61	51	88 056	8 048,694	107 372,205	13,340	12,876
12	2	99 233	61 980,876	1 465 461,503	23,644	23,179	62	52	86 942	7 641,249	99 323,511	12,998	12,534
13	3	99 212	59 583,889	1 403 480,627	23,555	23,090	63	53	85 731	7 244,992	91 682,262	12,655	12,190
14	4	99 192	57 281,166	1 343 896,737	23,461	22,997	64	54	84 411	6 859,049	84 437,270	12,310	11,846
15	5	99 171	55 066,170	1 286 615,572	23,365	22,900	65	55	82 989	6 484,119	77 578,221	11,964	11,500
16	6	99 149	52 936,415	1 231 549,401	23,265	22,800	66	56	81 460	6 119,907	71 094,102	11,617	11,152
17	7	99 119	50 885,044	1 178 612,987	23,162	22,697	67	57	79 821	5 766,105	64 974,194	11,268	10,803
18	8	99 088	48 912,551	1 127 727,943	23,056	22,591	68	58	78 083	5 423,639	59 208,090	10,917	10,452
19	9	99 042	47 009,756	1 078 815,392	22,949	22,484	69	59	76 230	5 091,284	53 784,451	10,564	10,099
20	10	98 997	45 181,047	1 031 805,636	22,837	22,372	70	60	74 277	4 770,046	48 693,167	10,208	9,743
21	11	98 951	43 422,974	986 624,589	22,721	22,256	71	61	72 233	4 460,349	43 923,120	9,847	9,383
22	12	98 903	41 732,763	943 201,615	22,601	22,136	72	62	70 038	4 158,484	39 462,771	9,490	9,025
23	13	98 856	40 108,299	901 468,852	22,476	22,011	73	63	67 780	3 869,611	35 304,287	9,123	8,659
24	14	98 806	38 546,420	861 360,553	22,346	21,881	74	64	65 381	3 589,081	31 434,676	8,758	8,294
25	15	98 752	37 043,470	822 814,133	22,212	21,747	75	65	62 873	3 318,653	27 845,595	8,391	7,926
26	16	98 697	35 598,867	785 770,663	22,073	21,608	76	66	60 233	3 057,060	24 526,941	8,023	7,558
27	17	98 641	34 210,222	750 171,796	21,928	21,463	77	67	57 470	2 804,626	21 469,881	7,655	7,190
28	18	98 584	32 875,388	715 961,573	21,778	21,313	78	68	54 640	2 563,959	18 665,256	7,280	6,815
29	19	98 522	31 591,200	683 086,186	21,623	21,158	79	69	51 664	2 331,063	16 101,297	6,907	6,442
30	20	98 457	30 356,178	651 494,986	21,462	20,997	80	70	48 541	2 105,918	13 770,234	6,539	6,074
31	21	98 389	29 168,443	621 138,808	21,295	20,830	81	71	45 258	1 887,961	11 664,316	6,178	5,713
32	22	98 316	28 025,732	591 970,365	21,122	20,658	82	72	41 856	1 678,913	9 776,354	5,823	5,358
33	23	98 239	26 926,838	563 944,633	20,944	20,479	83	73	38 369	1 479,847	8 097,442	5,472	5,007
34	24	98 154	25 868,806	537 017,795	20,759	20,294	84	74	34 747	1 288,587	6 617,595	5,136	4,671
35	25	98 069	24 852,289	511 148,989	20,567	20,103	85	75	31 059	1 107,513	5 329,008	4,812	4,347
36	26	97 976	23 873,748	486 296,700	20,370	19,905	86	76	27 332	937,148	4 221,495	4,505	4,040
37	27	97 872	22 931,166	462 422,952	20,166	19,701	87	77	23 662	780,103	3 284,347	4,210	3,745
38	28	97 754	22 022,583	439 491,786	19,956	19,492	88	78	20 116	637,673	2 504,243	3,927	3,462
39	29	97 632	21 149,011	417 469,203	19,739	19,275	89	79	16 697	508,945	1 866,570	3,668	3,203
40	30	97 495	20 307,095	396 320,192	19,516	19,052	90	80	13 509	395,946	1 357,626	3,429	2,964
41	31	97 347	19 496,373	376 013,097	19,286	18,821	91	81	10 643	299,936	961,680	3,206	2,741
42	32	97 174	18 713,288	356 516,724	19,052	18,587	92	82	8 163	221,206	661,744	2,992	2,527
43	33	97 004	17 962,057	337 803,436	18,807	18,342	93	83	6 037	157,308	440,538	2,800	2,336
44	34	96 815	17 237,627	319 841,378	18,555	18,090	94	84	4 307	107,904	283,230	2,625	2,160
45	35	96 611	16 539,587	302 603,751	18,296	17,831	95	85	2 944	70,919	175,326	2,472	2,007
46	36	96 384	15 866,149	286 064,164	18,030	17,565	96	86	1 934	44,790	104,407	2,331	1,866
47	37	96 139	15 217,184	270 198,015	17,756	17,291	97	87	1 212	27,003	59,617	2,208	1,743
48	38	95 867	14 590,421	254 980,831	17,476	17,011	98	88	729	15,603	32,615	2,090	1,625
49	39	95 562	13 984,679	240 390,410	17,190	16,725	99	89	419	8,620	17,012	1,973	1,509
							100	90	226	4,472	8,391	1,876	1,412

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	39	95 282	13 407,317	227 191,362	16,945	16,481
1							51	40	94 914	12 841,864	213 784,046	16,647	16,183
2							52	41	94 514	12 295,976	200 942,182	16,342	15,877
3							53	42	94 067	11 767,179	188 646,205	16,032	15,567
4							54	43	93 567	11 254,433	176 879,027	15,716	15,252
5							55	44	93 015	10 757,728	165 624,593	15,396	14,931
6							56	45	92 399	10 275,418	154 866,865	15,072	14,607
7							57	46	91 715	9 807,070	144 591,448	14,744	14,279
8							58	47	90 959	9 352,122	134 784,378	14,412	13,947
9							59	48	90 139	8 911,374	125 432,257	14,076	13,611
10							60	49	89 220	8 481,284	116 520,883	13,739	13,274
11	0	99 550	64 665,913	1 531 103,875	23,677	23,212	61	50	88 219	8 063,562	108 039,599	13,398	12,934
12	1	99 255	61 994,664	1 466 437,963	23,654	23,189	62	51	87 123	7 657,149	99 976,037	13,057	12,592
13	2	99 225	59 591,720	1 404 443,299	23,568	23,103	63	52	85 920	7 260,999	92 318,888	12,714	12,250
14	3	99 202	57 286,877	1 344 851,579	23,476	23,011	64	53	84 620	6 876,092	85 057,890	12,370	11,905
15	4	99 180	55 071,240	1 287 564,701	23,380	22,915	65	54	83 218	6 502,028	78 181,797	12,024	11,559
16	5	99 156	52 940,011	1 232 493,461	23,281	22,816	66	55	81 714	6 139,014	71 679,770	11,676	11,211
17	6	99 126	50 888,759	1 179 553,450	23,179	22,714	67	56	80 092	5 785,669	65 540,756	11,328	10,863
18	7	99 093	48 914,880	1 128 664,691	23,074	22,609	68	57	78 378	5 444,089	59 755,086	10,976	10,511
19	8	99 050	47 013,144	1 079 749,810	22,967	22,502	69	58	76 550	5 112,622	54 310,998	10,623	10,158
20	9	99 003	45 183,449	1 032 736,666	22,857	22,392	70	59	74 623	4 792,256	49 198,376	10,266	9,801
21	10	98 956	43 425,388	987 553,217	22,741	22,277	71	60	72 605	4 483,335	44 406,120	9,905	9,440
22	11	98 911	41 735,972	944 127,829	22,621	22,157	72	61	70 432	4 181,844	39 922,785	9,547	9,082
23	12	98 862	40 110,834	902 391,857	22,497	22,033	73	62	68 197	3 893,446	35 740,941	9,180	8,715
24	13	98 814	38 549,467	862 281,023	22,368	21,903	74	63	65 826	3 613,509	31 847,495	8,813	8,349
25	14	98 761	37 046,888	823 731,556	22,235	21,770	75	64	63 342	3 343,424	28 233,985	8,445	7,980
26	15	98 708	35 602,989	786 684,668	22,096	21,631	76	65	60 720	3 081,756	24 890,561	8,077	7,612
27	16	98 653	34 214,596	751 081,679	21,952	21,487	77	66	57 978	2 829,405	21 808,805	7,708	7,243
28	17	98 596	32 879,651	716 867,083	21,803	21,338	78	67	55 156	2 588,179	18 979,400	7,333	6,868
29	18	98 538	31 596,329	683 987,432	21,648	21,183	79	68	52 197	2 355,094	16 391,221	6,960	6,495
30	19	98 473	30 361,168	652 391,103	21,488	21,023	80	69	49 108	2 130,517	14 036,127	6,588	6,123
31	20	98 405	29 173,218	622 029,935	21,322	20,857	81	70	45 833	1 911,960	11 905,609	6,227	5,762
32	21	98 333	28 030,491	592 856,717	21,150	20,686	82	71	42 443	1 702,431	9 993,649	5,870	5,405
33	22	98 256	26 931,357	564 826,226	20,973	20,508	83	72	38 952	1 502,303	8 291,218	5,519	5,054
34	23	98 170	25 873,038	537 894,869	20,790	20,325	84	73	35 338	1 310,520	6 788,915	5,180	4,716
35	24	98 085	24 856,372	512 021,831	20,599	20,134	85	74	31 634	1 128,034	5 478,396	4,857	4,392
36	25	97 995	23 878,390	487 165,459	20,402	19,937	86	75	27 893	956,391	4 350,361	4,549	4,084
37	26	97 890	22 935,254	463 287,069	20,200	19,735	87	76	24 198	797,773	3 393,970	4,254	3,789
38	27	97 775	22 027,203	440 351,815	19,991	19,526	88	77	20 609	653,312	2 596,197	3,974	3,509
39	28	97 655	21 154,045	418 324,612	19,775	19,310	89	78	17 164	523,179	1 942,885	3,714	3,249
40	29	97 519	20 312,107	397 170,566	19,553	19,089	90	79	13 939	408,532	1 419,706	3,475	3,010
41	30	97 374	19 501,888	376 858,459	19,324	18,859	91	80	11 032	310,899	1 011,174	3,252	2,788
42	31	97 205	18 719,316	357 356,571	19,090	18,625	92	81	8 507	230,523	700,275	3,038	2,573
43	32	97 037	17 968,093	338 637,255	18,847	18,382	93	82	6 335	165,067	469,753	2,846	2,381
44	33	96 849	17 243,667	320 669,162	18,596	18,132	94	83	4 559	114,208	304,686	2,668	2,203
45	34	96 648	16 545,904	303 425,496	18,338	17,874	95	84	3 145	75,751	190,478	2,515	2,050
46	35	96 429	15 873,561	286 879,591	18,073	17,608	96	85	2 087	48,353	114,727	2,373	1,908
47	36	96 185	15 224,444	271 006,030	17,801	17,336	97	86	1 325	29,520	66,374	2,248	1,784
48	37	95 915	14 597,792	255 781,587	17,522	17,057	98	87	809	17,319	36,854	2,128	1,663
49	38	95 615	13 992,433	241 183,795	17,237	16,772	99	88	472	9,722	19,535	2,009	1,545
							100	89	259	5,133	9,813	1,912	1,447

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	13 414,750	227 909,821	16,989	16,525
1							51	39	94 975	12 850,225	214 495,072	16,692	16,227
2							52	40	94 574	12 303,766	201 644,847	16,389	15,924
3							53	41	94 136	11 775,810	189 341,081	16,079	15,614
4							54	42	93 643	11 263,521	177 565,271	15,765	15,300
5							55	43	93 099	10 767,372	166 301,750	15,445	14,980
6							56	44	92 486	10 285,146	155 534,377	15,122	14,657
7							57	45	91 814	9 817,630	145 249,232	14,795	14,330
8							58	46	91 066	9 363,209	135 431,602	14,464	13,999
9							59	47	90 256	8 922,968	126 068,392	14,129	13,664
10							60	48	89 356	8 494,170	117 145,424	13,791	13,326
11							61	49	88 368	8 077,165	108 651,254	13,452	12,987
12	0	99 543	62 174,465	1 467 512,098	23,603	23,138	62	50	87 284	7 671,294	100 574,089	13,110	12,646
13	1	99 247	59 604,977	1 405 337,633	23,578	23,113	63	51	86 099	7 276,108	92 902,795	12,768	12,303
14	2	99 215	57 294,406	1 345 732,656	23,488	23,023	64	52	84 807	6 891,283	85 626,688	12,425	11,961
15	3	99 190	55 076,731	1 288 438,250	23,394	22,929	65	53	83 425	6 518,183	78 735,404	12,079	11,615
16	4	99 165	52 944,885	1 233 361,519	23,295	22,830	66	54	81 940	6 155,969	72 217,221	11,731	11,266
17	5	99 133	50 892,217	1 180 416,634	23,194	22,730	67	55	80 342	5 803,733	66 061,252	11,383	10,918
18	6	99 100	48 918,452	1 129 524,417	23,090	22,625	68	56	78 644	5 462,561	60 257,519	11,031	10,566
19	7	99 054	47 015,384	1 080 605,964	22,984	22,519	69	57	76 838	5 131,899	54 794,958	10,677	10,213
20	8	99 010	45 186,705	1 033 590,581	22,874	22,409	70	58	74 936	4 812,341	49 663,059	10,320	9,855
21	9	98 962	43 427,696	988 403,876	22,760	22,295	71	59	72 943	4 504,209	44 850,718	9,958	9,493
22	10	98 916	41 738,293	944 976,179	22,641	22,176	72	60	70 795	4 203,394	40 346,509	9,599	9,134
23	11	98 869	40 113,919	903 237,886	22,517	22,052	73	61	68 581	3 915,318	36 143,115	9,231	8,766
24	12	98 820	38 551,903	863 123,968	22,389	21,924	74	62	66 231	3 635,767	32 227,797	8,864	8,399
25	13	98 769	37 049,816	824 572,064	22,256	21,791	75	63	63 773	3 366,180	28 592,030	8,494	8,029
26	14	98 717	35 606,274	787 522,248	22,118	21,653	76	64	61 173	3 104,759	25 225,850	8,125	7,660
27	15	98 665	34 218,558	751 915,974	21,974	21,509	77	65	58 446	2 852,262	22 121,091	7,756	7,291
28	16	98 609	32 883,854	717 697,416	21,825	21,360	78	66	55 644	2 611,046	19 268,829	7,380	6,915
29	17	98 551	31 600,426	684 813,562	21,671	21,206	79	67	52 690	2 377,341	16 657,783	7,007	6,542
30	18	98 489	30 366,097	653 213,136	21,511	21,046	80	68	49 614	2 152,481	14 280,441	6,634	6,170
31	19	98 421	29 178,014	622 847,039	21,346	20,882	81	69	46 368	1 934,294	12 127,960	6,270	5,805
32	20	98 349	28 035,080	593 669,025	21,176	20,711	82	70	42 982	1 724,071	10 193,666	5,913	5,448
33	21	98 273	26 935,930	565 633,945	20,999	20,534	83	71	39 497	1 523,347	8 469,595	5,560	5,095
34	22	98 187	25 877,380	538 698,015	20,817	20,353	84	72	35 874	1 330,406	6 946,248	5,221	4,756
35	23	98 102	24 860,438	512 820,635	20,628	20,163	85	73	32 173	1 147,235	5 615,842	4,895	4,430
36	24	98 011	23 882,313	487 960,197	20,432	19,967	86	74	28 410	974,112	4 468,607	4,587	4,123
37	25	97 909	22 939,714	464 077,884	20,230	19,766	87	75	24 695	814,154	3 494,495	4,292	3,827
38	26	97 792	22 031,130	441 138,169	20,023	19,559	88	76	21 076	668,110	2 680,341	4,012	3,547
39	27	97 675	21 158,483	419 107,039	19,808	19,343	89	77	17 585	536,010	2 012,231	3,754	3,289
40	28	97 542	20 316,943	397 948,556	19,587	19,122	90	78	14 329	419,958	1 476,221	3,515	3,050
41	29	97 398	19 506,702	377 631,614	19,359	18,894	91	79	11 383	320,781	1 056,263	3,293	2,828
42	30	97 233	18 724,611	358 124,912	19,126	18,661	92	80	8 818	238,948	735,481	3,078	2,613
43	31	97 068	17 973,880	339 400,301	18,883	18,418	93	81	6 602	172,019	496,533	2,887	2,422
44	32	96 882	17 249,461	321 426,421	18,634	18,169	94	82	4 783	119,841	324,514	2,708	2,243
45	33	96 681	16 551,701	304 176,960	18,377	17,913	95	83	3 328	80,176	204,673	2,553	2,088
46	34	96 466	15 879,624	287 625,259	18,113	17,648	96	84	2 230	51,648	124,497	2,411	1,946
47	35	96 230	15 231,556	271 745,635	17,841	17,376	97	85	1 431	31,869	72,850	2,286	1,821
48	36	95 961	14 604,756	256 514,079	17,564	17,099	98	86	884	18,934	40,981	2,164	1,700
49	37	95 663	13 999,501	241 909,323	17,280	16,815	99	87	524	10,791	22,047	2,043	1,578
							100	88	292	5,789	11,256	1,944	1,480

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	37	95 383	13 421,527	228 566,651	17,030	16,565
1							51	38	95 028	12 857,349	215 145,125	16,733	16,268
2							52	39	94 636	12 311,777	202 287,775	16,430	15,966
3							53	40	94 196	11 783,270	189 975,999	16,123	15,658
4							54	41	93 712	11 271,783	178 192,729	15,809	15,344
5							55	42	93 174	10 776,067	166 920,946	15,490	15,025
6							56	43	92 569	10 294,366	156 144,879	15,168	14,703
7							57	44	91 901	9 826,925	145 850,512	14,842	14,377
8							58	45	91 165	9 373,292	136 023,587	14,512	14,047
9							59	46	90 363	8 933,547	126 650,296	14,177	13,712
10							60	47	89 472	8 505,222	117 716,749	13,841	13,376
11							61	48	88 502	8 089,437	109 211,527	13,501	13,036
12							62	49	87 431	7 684,235	101 122,090	13,160	12,695
13	0	99 535	59 777,847	1 406 329,498	23,526	23,061	63	50	86 258	7 289,549	93 437,855	12,818	12,353
14	1	99 237	57 307,152	1 346 551,651	23,497	23,032	64	51	84 984	6 905,623	86 148,306	12,475	12,010
15	2	99 203	55 083,969	1 289 244,499	23,405	22,940	65	52	83 609	6 532,584	79 242,683	12,130	11,666
16	3	99 175	52 950,164	1 234 160,530	23,308	22,843	66	53	82 144	6 171,265	72 710,099	11,782	11,317
17	4	99 142	50 896,902	1 181 210,366	23,208	22,743	67	54	80 564	5 819,762	66 538,834	11,433	10,968
18	5	99 107	48 921,776	1 130 313,464	23,105	22,640	68	55	78 889	5 479,615	60 719,072	11,081	10,616
19	6	99 062	47 018,817	1 081 391,687	22,999	22,534	69	56	77 099	5 149,312	55 239,457	10,728	10,263
20	7	99 014	45 188,857	1 034 372,871	22,890	22,425	70	57	75 218	4 830,485	50 090,145	10,370	9,905
21	8	98 969	43 430,826	989 184,013	22,776	22,311	71	58	73 249	4 523,087	45 259,659	10,006	9,542
22	9	98 922	41 740,511	945 753,187	22,658	22,193	72	59	71 124	4 222,965	40 736,573	9,646	9,182
23	10	98 875	40 116,149	904 012,675	22,535	22,070	73	60	68 934	3 935,495	36 513,607	9,278	8,813
24	11	98 828	38 554,868	863 896,526	22,407	21,942	74	61	66 603	3 656,191	32 578,113	8,910	8,446
25	12	98 775	37 052,158	825 341,658	22,275	21,810	75	62	64 166	3 386,914	28 921,921	8,539	8,074
26	13	98 725	35 609,088	788 289,500	22,137	21,672	76	63	61 590	3 125,891	25 535,007	8,169	7,704
27	14	98 674	34 221,715	752 680,412	21,994	21,529	77	64	58 882	2 873,552	22 409,117	7,798	7,334
28	15	98 620	32 887,662	718 458,697	21,846	21,381	78	65	56 093	2 632,139	19 535,565	7,422	6,957
29	16	98 563	31 604,466	685 571,035	21,692	21,227	79	66	53 155	2 398,345	16 903,426	7,048	6,583
30	17	98 502	30 370,035	653 966,569	21,533	21,068	80	67	50 083	2 172,814	14 505,080	6,676	6,211
31	18	98 437	29 182,751	623 596,534	21,369	20,904	81	68	46 847	1 954,235	12 332,266	6,311	5,846
32	19	98 365	28 039,689	594 413,783	21,199	20,734	82	69	43 484	1 744,210	10 378,031	5,950	5,485
33	20	98 289	26 940,340	566 374,095	21,023	20,558	83	70	39 999	1 542,711	8 633,821	5,597	5,132
34	21	98 204	25 881,774	539 433,755	20,842	20,377	84	71	36 377	1 349,043	7 091,110	5,256	4,792
35	22	98 118	24 864,610	513 551,980	20,654	20,189	85	72	32 661	1 164,644	5 742,067	4,930	4,466
36	23	98 027	23 886,220	488 687,371	20,459	19,994	86	73	28 894	990,692	4 577,424	4,620	4,156
37	24	97 925	22 943,483	464 801,151	20,259	19,794	87	74	25 152	829,239	3 586,731	4,325	3,861
38	25	97 811	22 035,414	441 857,668	20,052	19,587	88	75	21 508	681,829	2 757,492	4,044	3,579
39	26	97 693	21 162,255	419 822,253	19,838	19,373	89	76	17 983	548,151	2 075,663	3,787	3,322
40	27	97 563	20 321,205	398 659,998	19,618	19,153	90	77	14 680	430,258	1 527,512	3,550	3,085
41	28	97 421	19 511,345	378 338,793	19,391	18,926	91	78	11 701	329,753	1 097,254	3,328	2,863
42	29	97 257	18 729,233	358 827,448	19,159	18,694	92	79	9 098	246,544	767,501	3,113	2,648
43	30	97 095	17 978,965	340 098,216	18,916	18,452	93	80	6 843	178,306	520,957	2,922	2,457
44	31	96 913	17 255,017	322 119,251	18,668	18,203	94	81	4 985	124,888	342,651	2,744	2,279
45	32	96 714	16 557,263	304 864,234	18,413	17,948	95	82	3 492	84,130	217,763	2,588	2,124
46	33	96 500	15 885,187	288 306,971	18,149	17,685	96	83	2 360	54,665	133,633	2,445	1,980
47	34	96 267	15 237,373	272 421,784	17,879	17,414	97	84	1 528	34,040	78,968	2,320	1,855
48	35	96 006	14 611,579	257 184,411	17,601	17,137	98	85	954	20,440	44,928	2,198	1,733
49	36	95 709	14 006,180	242 572,832	17,319	16,854	99	86	573	11,797	24,487	2,076	1,611
							100	87	325	6,426	12,690	1,975	1,510

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	13 427,930	229 167,183	17,066	16,602
1							51	37	95 076	12 863,845	215 739,253	16,771	16,306
2							52	38	94 688	12 318,603	202 875,408	16,469	16,004
3							53	39	94 257	11 790,942	190 556,806	16,161	15,696
4							54	40	93 771	11 278,924	178 765,864	15,850	15,385
5							55	41	93 242	10 783,971	167 486,940	15,531	15,066
6							56	42	92 644	10 302,679	156 702,969	15,210	14,745
7							57	43	91 983	9 835,735	146 400,290	14,885	14,420
8							58	44	91 251	9 382,166	136 564,555	14,556	14,091
9							59	45	90 460	8 943,167	127 182,389	14,221	13,756
10							60	46	89 578	8 515,305	118 239,223	13,885	13,421
11							61	47	88 617	8 099,962	109 723,917	13,546	13,081
12							62	48	87 564	7 695,910	101 623,955	13,205	12,740
13							63	49	86 404	7 301,846	93 928,045	12,864	12,399
14	0	99 525	57 473,357	1 347 467,757	23,445	22,980	64	50	85 141	6 918,380	86 626,199	12,521	12,056
15	1	99 225	55 096,223	1 289 994,399	23,413	22,949	65	51	83 783	6 546,177	79 707,819	12,176	11,711
16	2	99 188	52 957,123	1 234 898,176	23,319	22,854	66	52	82 325	6 184,899	73 161,642	11,829	11,364
17	3	99 152	50 901,977	1 181 941,053	23,220	22,755	67	53	80 764	5 834,223	66 976,743	11,480	11,015
18	4	99 116	48 926,280	1 131 039,076	23,117	22,652	68	54	79 107	5 494,749	61 142,520	11,127	10,663
19	5	99 068	47 022,012	1 082 112,796	23,013	22,548	69	55	77 340	5 165,389	55 647,771	10,773	10,308
20	6	99 022	45 192,157	1 035 090,784	22,904	22,439	70	56	75 474	4 846,875	50 482,382	10,415	9,951
21	7	98 973	43 432,895	989 898,627	22,791	22,327	71	57	73 525	4 540,141	45 635,507	10,052	9,587
22	8	98 929	41 743,520	946 465,732	22,673	22,209	72	58	71 422	4 240,664	41 095,366	9,691	9,226
23	9	98 880	40 118,281	904 722,212	22,551	22,087	73	59	69 255	3 953,818	36 854,702	9,321	8,856
24	10	98 833	38 557,012	864 603,931	22,424	21,959	74	60	66 947	3 675,033	32 900,884	8,953	8,488
25	11	98 783	37 055,007	826 046,919	22,292	21,828	75	61	64 526	3 405,941	29 225,851	8,581	8,116
26	12	98 731	35 611,339	788 991,912	22,156	21,691	76	62	61 969	3 145,145	25 819,911	8,209	7,745
27	13	98 682	34 224,420	753 380,573	22,013	21,548	77	63	59 283	2 893,110	22 674,766	7,838	7,373
28	14	98 629	32 890,696	719 156,153	21,865	21,400	78	64	56 512	2 651,786	19 781,656	7,460	6,995
29	15	98 575	31 608,126	686 265,457	21,712	21,247	79	65	53 585	2 417,720	17 129,870	7,085	6,620
30	16	98 515	30 373,918	654 657,332	21,553	21,088	80	66	50 525	2 192,011	14 712,150	6,712	6,247
31	17	98 450	29 186,535	624 283,414	21,389	20,925	81	67	47 289	1 972,695	12 520,139	6,347	5,882
32	18	98 381	28 044,241	595 096,879	21,220	20,755	82	68	43 933	1 762,192	10 547,444	5,985	5,521
33	19	98 305	26 944,769	567 052,638	21,045	20,580	83	69	40 466	1 560,732	8 785,252	5,629	5,164
34	20	98 220	25 886,011	540 107,869	20,865	20,400	84	70	36 839	1 366,191	7 224,520	5,288	4,823
35	21	98 135	24 868,833	514 221,858	20,677	20,213	85	71	33 118	1 180,958	5 858,329	4,961	4,496
36	22	98 044	23 890,228	489 353,025	20,483	20,019	86	72	29 332	1 005,726	4 677,371	4,651	4,186
37	23	97 941	22 947,236	465 462,797	20,284	19,819	87	73	25 581	843,354	3 671,646	4,354	3,889
38	24	97 827	22 039,034	442 515,561	20,079	19,614	88	74	21 907	694,462	2 828,292	4,073	3,608
39	25	97 712	21 166,370	420 476,526	19,865	19,400	89	75	18 352	559,407	2 133,829	3,814	3,350
40	26	97 580	20 324,828	399 310,156	19,646	19,182	90	76	15 013	440,003	1 574,423	3,578	3,113
41	27	97 442	19 515,438	378 985,328	19,420	18,955	91	77	11 988	337,840	1 134,420	3,358	2,893
42	28	97 280	18 733,691	359 469,890	19,188	18,724	92	78	9 353	253,439	796,579	3,143	2,678
43	29	97 119	17 983,402	340 736,199	18,947	18,482	93	79	7 061	183,974	543,140	2,952	2,487
44	30	96 940	17 259,898	322 752,797	18,700	18,235	94	80	5 167	129,453	359,166	2,774	2,310
45	31	96 745	16 562,596	305 492,899	18,445	17,980	95	81	3 639	87,674	229,713	2,620	2,155
46	32	96 532	15 890,525	288 930,303	18,183	17,718	96	82	2 476	57,361	142,039	2,476	2,011
47	33	96 301	15 242,712	273 039,778	17,913	17,448	97	83	1 618	36,028	84,678	2,350	1,885
48	34	96 042	14 617,160	257 797,066	17,637	17,172	98	84	1 019	21,833	48,650	2,228	1,763
49	35	95 754	14 012,723	243 179,906	17,354	16,889	99	85	618	12,735	26,817	2,106	1,641
							100	86	355	7,025	14,081	2,004	1,540

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	13 434,203	229 716,515	17,099	16,635
1							51	36	95 121	12 869,982	216 282,312	16,805	16,340
2							52	37	94 736	12 324,826	203 412,330	16,504	16,039
3							53	38	94 310	11 797,479	191 087,504	16,197	15,732
4							54	39	93 832	11 286,267	179 290,025	15,886	15,421
5							55	40	93 301	10 790,803	168 003,758	15,569	15,104
6							56	41	92 712	10 310,236	157 212,955	15,248	14,783
7							57	42	92 057	9 843,677	146 902,719	14,924	14,459
8							58	43	91 333	9 390,577	137 059,042	14,595	14,131
9							59	44	90 546	8 951,634	127 668,465	14,262	13,797
10							60	45	89 674	8 524,475	118 716,831	13,927	13,462
11							61	46	88 722	8 109,565	110 192,357	13,588	13,123
12							62	47	87 678	7 705,923	102 082,791	13,247	12,782
13							63	48	86 535	7 312,940	94 376,868	12,905	12,441
14							64	49	85 285	6 930,050	87 063,928	12,563	12,098
15	0	99 513	55 256,017	1 290 840,730	23,361	22,896	65	50	83 938	6 558,270	80 133,878	12,219	11,754
16	1	99 210	52 968,904	1 235 584,713	23,327	22,862	66	51	82 497	6 197,769	73 575,608	11,871	11,406
17	2	99 165	50 908,667	1 182 615,809	23,230	22,765	67	52	80 942	5 847,112	67 377,839	11,523	11,058
18	3	99 126	48 931,158	1 131 707,142	23,129	22,664	68	53	79 304	5 508,402	61 530,726	11,170	10,706
19	4	99 077	47 026,340	1 082 775,984	23,025	22,560	69	54	77 553	5 179,655	56 022,324	10,816	10,351
20	5	99 028	45 195,228	1 035 749,643	22,917	22,452	70	55	75 709	4 862,008	50 842,669	10,457	9,992
21	6	98 981	43 436,067	990 554,416	22,805	22,340	71	56	73 775	4 555,546	45 980,661	10,093	9,629
22	7	98 933	41 745,508	947 118,349	22,688	22,223	72	57	71 692	4 256,653	41 425,116	9,732	9,267
23	8	98 887	40 121,173	905 372,841	22,566	22,101	73	58	69 545	3 970,389	37 168,463	9,361	8,897
24	9	98 839	38 559,061	865 251,668	22,440	21,975	74	59	67 258	3 692,144	33 198,073	8,992	8,527
25	10	98 788	37 057,068	826 692,607	22,309	21,844	75	60	64 859	3 423,492	29 505,930	8,619	8,154
26	11	98 739	35 614,078	789 635,539	22,172	21,707	76	61	62 317	3 162,813	26 082,437	8,247	7,782
27	12	98 688	34 226,583	754 021,462	22,030	21,565	77	62	59 648	2 910,930	22 919,625	7,874	7,409
28	13	98 637	32 893,296	719 794,879	21,883	21,418	78	63	56 896	2 669,834	20 088,694	7,494	7,030
29	14	98 584	31 611,042	686 901,583	21,730	21,265	79	64	53 985	2 435,766	17 338,860	7,118	6,654
30	15	98 526	30 377,435	655 290,541	21,572	21,107	80	65	50 934	2 209,719	14 903,094	6,744	6,280
31	16	98 463	29 190,267	624 913,106	21,408	20,943	81	66	47 707	1 990,124	12 693,374	6,378	5,913
32	17	98 394	28 047,877	595 722,840	21,239	20,775	82	67	44 348	1 778,838	10 703,250	6,017	5,552
33	18	98 321	26 949,143	567 674,962	21,065	20,600	83	68	40 884	1 576,822	8 924,412	5,660	5,195
34	19	98 236	25 890,267	540 725,819	20,885	20,420	84	69	37 270	1 382,149	7 347,591	5,316	4,851
35	20	98 151	24 872,904	514 835,552	20,699	20,234	85	70	33 539	1 195,969	5 965,441	4,988	4,523
36	21	98 061	23 894,285	489 962,649	20,505	20,041	86	71	29 743	1 019,814	4 769,472	4,677	4,212
37	22	97 957	22 951,087	466 068,363	20,307	19,842	87	72	25 969	856,151	3 749,658	4,380	3,915
38	23	97 843	22 042,640	443 117,276	20,103	19,638	88	73	22 280	706,283	2 893,506	4,097	3,632
39	24	97 728	21 169,848	421 074,636	19,890	19,425	89	74	18 693	569,772	2 187,224	3,839	3,374
40	25	97 599	20 328,780	399 904,789	19,672	19,207	90	75	15 321	449,038	1 617,452	3,602	3,137
41	26	97 459	19 518,917	379 576,009	19,447	18,982	91	76	12 259	345,493	1 168,414	3,382	2,917
42	27	97 300	18 737,621	360 057,091	19,216	18,751	92	77	9 582	259,655	822,921	3,169	2,704
43	28	97 142	17 987,683	341 319,470	18,975	18,510	93	78	7 258	189,120	563,266	2,978	2,514
44	29	96 964	17 264,158	323 331,787	18,729	18,264	94	79	5 331	133,568	374,146	2,801	2,336
45	30	96 772	16 567,281	306 067,629	18,474	18,009	95	80	3 772	90,878	240,579	2,647	2,182
46	31	96 563	15 895,643	289 500,348	18,213	17,748	96	81	2 581	59,777	149,700	2,504	2,039
47	32	96 333	15 247,834	273 604,705	17,944	17,479	97	82	1 697	37,805	89,923	2,379	1,914
48	33	96 076	14 622,281	258 356,871	17,669	17,204	98	83	1 079	23,109	52,118	2,255	1,791
49	34	95 790	14 018,075	243 734,590	17,387	16,922	99	84	661	13,603	29,009	2,133	1,668
							100	85	383	7,584	15,406	2,031	1,567

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	13 439,334	230 218,285	17,130	16,665
1							51	35	95 166	12 875,994	216 778,951	16,836	16,371
2							52	36	94 781	12 330,706	203 902,957	16,536	16,071
3							53	37	94 357	11 803,439	191 572,251	16,230	15,765
4							54	38	93 884	11 292,525	179 768,812	15,919	15,454
5							55	39	93 362	10 797,829	168 476,288	15,603	15,138
6							56	40	92 771	10 316,768	157 678,459	15,284	14,819
7							57	41	92 125	9 850,897	147 361,691	14,959	14,494
8							58	42	91 406	9 398,160	137 510,794	14,632	14,167
9							59	43	90 627	8 959,659	128 112,634	14,299	13,834
10							60	44	89 759	8 532,545	119 152,975	13,965	13,500
11							61	45	88 818	8 118,298	110 620,430	13,626	13,161
12							62	46	87 782	7 715,059	102 502,132	13,286	12,821
13							63	47	86 648	7 322,455	94 787,073	12,945	12,480
14							64	48	85 414	6 940,580	87 464,618	12,602	12,137
15							65	49	84 079	6 569,333	80 524,038	12,258	11,793
16	0	99 497	53 122,528	1 236 366,769	23,274	22,809	66	50	82 649	6 209,218	73 954,705	11,910	11,446
17	1	99 187	50 919,992	1 183 244,241	23,237	22,773	67	51	81 111	5 859,279	67 745,487	11,562	11,097
18	2	99 139	48 937,589	1 132 324,249	23,138	22,673	68	52	79 479	5 520,572	61 886,208	11,210	10,745
19	3	99 087	47 031,029	1 083 386,660	23,036	22,571	69	53	77 746	5 192,525	56 365,636	10,855	10,390
20	4	99 037	45 199,389	1 036 355,631	22,929	22,464	70	54	75 918	4 875,436	51 173,111	10,496	10,031
21	5	98 987	43 439,018	991 156,242	22,817	22,352	71	55	74 005	4 569,768	46 297,675	10,131	9,666
22	6	98 941	41 748,556	947 717,224	22,701	22,236	72	56	71 935	4 271,096	41 727,906	9,770	9,305
23	7	98 892	40 123,084	905 968,668	22,580	22,115	73	57	69 807	3 985,359	37 456,810	9,399	8,934
24	8	98 846	38 561,840	865 845,584	22,453	21,989	74	58	67 540	3 707,618	33 471,451	9,028	8,563
25	9	98 793	37 059,037	827 283,744	22,323	21,859	75	59	65 161	3 439,432	29 763,833	8,654	8,189
26	10	98 744	35 616,058	790 224,707	22,187	21,722	76	60	62 638	3 179,112	26 324,401	8,280	7,816
27	11	98 695	34 229,215	754 608,649	22,046	21,581	77	61	59 983	2 927,282	23 145,289	7,907	7,442
28	12	98 643	32 895,375	720 379,433	21,899	21,434	78	62	57 247	2 686,279	20 218,007	7,526	7,062
29	13	98 592	31 613,540	687 484,059	21,747	21,282	79	63	54 352	2 452,345	17 531,727	7,149	6,684
30	14	98 535	30 380,237	655 870,518	21,589	21,124	80	64	51 314	2 226,213	15 079,383	6,774	6,309
31	15	98 474	29 193,646	625 490,281	21,426	20,961	81	65	48 092	2 006,201	12 853,170	6,407	5,942
32	16	98 406	28 051,463	596 296,635	21,257	20,792	82	66	44 739	1 794,554	10 846,968	6,044	5,580
33	17	98 333	26 952,638	568 245,171	21,083	20,618	83	67	41 270	1 591,717	9 052,414	5,687	5,222
34	18	98 252	25 894,470	541 292,534	20,904	20,439	84	68	37 654	1 396,398	7 460,697	5,343	4,878
35	19	98 167	24 876,993	515 398,063	20,718	20,253	85	69	33 931	1 209,940	6 064,299	5,012	4,547
36	20	98 077	23 898,197	490 521,071	20,525	20,061	86	70	30 121	1 032,777	4 854,359	4,700	4,235
37	21	97 974	22 954,985	466 622,873	20,328	19,863	87	71	26 333	868,144	3 821,582	4,402	3,937
38	22	97 860	22 046,339	443 667,889	20,124	19,660	88	72	22 618	717,000	2 953,438	4,119	3,654
39	23	97 744	21 173,311	421 621,550	19,913	19,448	89	73	19 011	579,470	2 236,437	3,859	3,395
40	24	97 615	20 332,120	400 448,239	19,695	19,231	90	74	15 605	457,358	1 656,967	3,623	3,158
41	25	97 478	19 522,713	380 116,120	19,470	19,006	91	75	12 511	352,587	1 199,609	3,402	2,937
42	26	97 318	18 740,962	360 593,407	19,241	18,776	92	76	9 799	265,536	847,023	3,190	2,725
43	27	97 163	17 991,457	341 852,445	19,001	18,536	93	77	7 436	193,758	581,486	3,001	2,536
44	28	96 987	17 268,268	323 860,988	18,755	18,290	94	78	5 480	137,303	387,728	2,824	2,359
45	29	96 796	16 571,370	306 592,720	18,501	18,037	95	79	3 892	93,767	250,425	2,671	2,206
46	30	96 591	15 900,140	290 021,350	18,240	17,775	96	80	2 675	61,962	156,658	2,528	2,063
47	31	96 364	15 252,745	274 121,211	17,972	17,507	97	81	1 769	39,398	94,696	2,404	1,939
48	32	96 108	14 627,194	258 868,465	17,698	17,233	98	82	1 132	24,248	55,298	2,280	1,816
49	33	95 824	14 022,987	244 241,271	17,417	16,952	99	83	699	14,398	31,050	2,157	1,692
							100	84	409	8,100	16,652	2,056	1,591

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	13 444,042	230 676,478	17,158	16,693
1							51	34	95 202	12 880,912	217 232,436	16,865	16,400
2							52	35	94 825	12 336,466	204 351,524	16,565	16,100
3							53	36	94 402	11 809,070	192 015,058	16,260	15,795
4							54	37	93 931	11 298,229	180 205,988	15,950	15,485
5							55	38	93 414	10 803,815	168 907,758	15,634	15,169
6							56	39	92 831	10 323,485	158 103,943	15,315	14,850
7							57	40	92 183	9 857,138	147 780,459	14,992	14,527
8							58	41	91 473	9 405,053	137 923,321	14,665	14,200
9							59	42	90 700	8 966,894	128 518,267	14,333	13,868
10							60	43	89 840	8 540,195	119 551,374	13,999	13,534
11							61	44	88 902	8 125,984	111 011,179	13,661	13,196
12							62	45	87 877	7 723,367	102 885,195	13,321	12,856
13							63	46	86 750	7 331,136	95 161,828	12,981	12,516
14							64	47	85 525	6 949,610	87 830,692	12,638	12,173
15							65	48	84 207	6 579,315	80 881,082	12,293	11,828
16							66	49	82 788	6 219,693	74 301,767	11,946	11,481
17	0	99 475	51 067,673	1 183 967,072	23,184	22,719	67	50	81 260	5 870,103	68 082,074	11,598	11,133
18	1	99 161	48 948,476	1 132 899,399	23,145	22,680	68	51	79 644	5 532,059	62 211,972	11,246	10,781
19	2	99 100	47 037,210	1 083 950,923	23,045	22,580	69	52	77 918	5 203,997	56 679,912	10,892	10,427
20	3	99 047	45 203,895	1 036 913,713	22,939	22,474	70	53	76 107	4 887,550	51 475,915	10,532	10,067
21	4	98 997	43 443,017	991 709,817	22,828	22,363	71	54	74 209	4 582,390	46 588,365	10,167	9,702
22	5	98 947	41 751,393	948 266,800	22,712	22,247	72	55	72 160	4 284,431	42 005,976	9,804	9,340
23	6	98 899	40 126,014	906 515,407	22,592	22,127	73	56	70 044	3 998,882	37 721,544	9,433	8,968
24	7	98 850	38 563,677	866 389,394	22,466	22,002	74	57	67 795	3 721,597	33 722,663	9,061	8,597
25	8	98 800	37 061,708	827 825,717	22,336	21,872	75	58	65 434	3 453,847	30 001,065	8,686	8,221
26	9	98 750	35 617,951	790 764,009	22,201	21,736	76	59	62 930	3 193,914	26 547,218	8,312	7,847
27	10	98 701	34 231,118	755 146,058	22,060	21,595	77	60	60 293	2 942,367	23 353,305	7,937	7,472
28	11	98 651	32 897,905	720 914,939	21,914	21,449	78	61	57 568	2 701,370	20 410,937	7,556	7,091
29	12	98 598	31 615,538	688 017,034	21,762	21,297	79	62	54 687	2 467,450	17 709,568	7,177	6,712
30	13	98 543	30 382,639	656 401,496	21,604	21,140	80	63	51 663	2 241,365	15 242,117	6,800	6,336
31	14	98 483	29 196,340	626 018,857	21,442	20,977	81	64	48 451	2 021,176	13 000,752	6,432	5,967
32	15	98 418	28 054,711	596 822,517	21,274	20,809	82	65	45 101	1 809,052	10 979,577	6,069	5,604
33	16	98 346	26 956,084	568 767,806	21,100	20,635	83	66	41 634	1 605,780	9 170,525	5,711	5,246
34	17	98 265	25 897,828	541 811,722	20,921	20,456	84	67	38 010	1 409,589	7 564,745	5,367	4,902
35	18	98 183	24 881,031	515 913,895	20,735	20,270	85	68	34 281	1 222,413	6 155,156	5,035	4,570
36	19	98 093	23 902,126	491 032,863	20,543	20,079	86	69	30 473	1 044,841	4 932,743	4,721	4,256
37	20	97 990	22 958,743	467 130,737	20,347	19,882	87	70	26 667	879,180	3 887,902	4,422	3,957
38	21	97 876	22 050,083	444 171,995	20,144	19,679	88	71	22 935	727,044	3 008,722	4,138	3,673
39	22	97 760	21 176,864	422 121,912	19,933	19,468	89	72	19 299	588,263	2 281,678	3,879	3,414
40	23	97 631	20 335,446	400 945,048	19,717	19,252	90	73	15 870	465,143	1 693,415	3,641	3,176
41	24	97 494	19 525,920	380 609,602	19,493	19,028	91	74	12 743	359,120	1 228,272	3,420	2,955
42	25	97 337	18 744,606	361 083,682	19,263	18,799	92	75	10 000	270,989	869,152	3,207	2,743
43	26	97 180	17 994,664	342 339,076	19,024	18,560	93	76	7 605	198,147	598,163	3,019	2,554
44	27	97 008	17 271,891	324 344,412	18,779	18,314	94	77	5 615	140,671	400,017	2,844	2,379
45	28	96 819	16 575,315	307 072,521	18,526	18,061	95	78	4 001	96,390	259,346	2,691	2,226
46	29	96 614	15 904,064	290 497,206	18,266	17,801	96	79	2 760	63,931	162,956	2,549	2,084
47	30	96 391	15 257,060	274 593,142	17,998	17,533	97	80	1 834	40,838	99,025	2,425	1,960
48	31	96 139	14 631,906	259 336,082	17,724	17,259	98	81	1 180	25,270	58,187	2,303	1,838
49	32	95 856	14 027,699	244 704,177	17,444	16,980	99	82	734	15,108	32,917	2,179	1,714
							100	83	433	8,574	17,809	2,077	1,612

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	13 448,560	231 094,947	17,184	16,719
1							51	33	95 236	12 885,425	217 646,387	16,891	16,426
2							52	34	94 862	12 341,178	204 760,962	16,592	16,127
3							53	35	94 446	11 814,587	192 419,784	16,287	15,822
4							54	36	93 976	11 303,620	180 605,197	15,978	15,513
5							55	37	93 461	10 809,273	169 301,578	15,663	15,198
6							56	38	92 883	10 329,208	158 492,305	15,344	14,879
7							57	39	92 243	9 863,556	148 163,097	15,021	14,556
8							58	40	91 531	9 411,012	138 299,541	14,696	14,231
9							59	41	90 767	8 973,471	128 888,529	14,363	13,898
10							60	42	89 912	8 547,091	119 915,058	14,030	13,565
11							61	43	88 981	8 133,269	111 367,967	13,693	13,228
12							62	44	87 960	7 730,679	103 234,699	13,354	12,889
13							63	45	86 844	7 339,030	95 504,020	13,013	12,548
14							64	46	85 627	6 957,850	88 164,989	12,671	12,206
15							65	47	84 316	6 587,875	81 207,140	12,327	11,862
16							66	48	82 914	6 229,143	74 619,265	11,979	11,514
17							67	49	81 398	5 880,005	68 390,122	11,631	11,166
18	0	99 448	49 090,439	1 133 567,652	23,091	22,627	68	50	79 791	5 542,279	62 510,117	11,279	10,814
19	1	99 122	47 047,674	1 084 477,213	23,051	22,586	69	51	78 080	5 214,825	56 967,838	10,924	10,459
20	2	99 060	45 209,836	1 037 429,539	22,947	22,482	70	52	76 275	4 898,348	51 753,013	10,565	10,101
21	3	99 006	43 447,349	992 219,703	22,837	22,372	71	53	74 394	4 593,776	46 854,664	10,200	9,735
22	4	98 957	41 755,237	948 772,354	22,722	22,257	72	54	72 359	4 296,264	42 260,889	9,837	9,372
23	5	98 906	40 128,740	907 017,117	22,603	22,138	73	55	70 263	4 011,367	37 964,625	9,464	8,999
24	6	98 858	38 566,493	866 888,377	22,478	22,013	74	56	68 025	3 734,225	33 953,258	9,092	8,628
25	7	98 805	37 063,474	828 321,884	22,349	21,884	75	57	65 681	3 466,870	30 219,033	8,717	8,252
26	8	98 757	35 620,518	791 258,411	22,214	21,749	76	58	63 194	3 207,300	26 752,163	8,341	7,876
27	9	98 706	34 232,938	755 637,893	22,073	21,609	77	59	60 573	2 956,067	23 544,864	7,965	7,500
28	10	98 657	32 899,734	721 404,955	21,927	21,463	78	60	57 865	2 715,290	20 588,797	7,583	7,118
29	11	98 605	31 617,970	688 505,221	21,776	21,311	79	61	54 994	2 481,311	17 873,506	7,203	6,738
30	12	98 549	30 384,559	656 887,251	21,619	21,154	80	62	51 981	2 255,171	15 392,195	6,825	6,360
31	13	98 491	29 198,648	626 502,692	21,457	20,992	81	63	48 781	2 034,932	13 137,024	6,456	5,991
32	14	98 427	28 057,300	597 304,044	21,289	20,824	82	64	45 437	1 822,554	11 102,092	6,092	5,627
33	15	98 357	26 959,205	569 246,745	21,115	20,650	83	65	41 971	1 618,752	9 279,537	5,733	5,268
34	16	98 277	25 901,139	542 287,540	20,937	20,472	84	66	38 345	1 422,043	7 660,785	5,387	4,922
35	17	98 195	24 884,258	516 386,401	20,752	20,287	85	67	34 605	1 233,961	6 238,742	5,056	4,591
36	18	98 109	23 906,006	491 502,143	20,560	20,095	86	68	30 787	1 055,613	5 004,782	4,741	4,276
37	19	98 006	22 962,517	467 596,137	20,363	19,899	87	69	26 979	889,450	3 949,169	4,440	3,975
38	20	97 892	22 053,692	444 633,620	20,161	19,697	88	70	23 226	736,286	3 059,719	4,156	3,691
39	21	97 777	21 180,460	422 579,928	19,951	19,487	89	71	19 570	596,504	2 323,434	3,895	3,430
40	22	97 647	20 338,858	401 399,467	19,736	19,271	90	72	16 111	472,201	1 726,930	3,657	3,192
41	23	97 510	19 529,115	381 060,609	19,512	19,048	91	73	12 960	365,232	1 254,729	3,435	2,971
42	24	97 353	18 747,686	361 531,495	19,284	18,819	92	74	10 186	276,010	889,497	3,223	2,758
43	25	97 199	17 998,163	342 783,809	19,045	18,581	93	75	7 761	202,215	613,487	3,034	2,569
44	26	97 025	17 274,970	324 785,646	18,801	18,336	94	76	5 742	143,857	411,271	2,859	2,394
45	27	96 840	16 578,792	307 510,676	18,548	18,084	95	77	4 099	98,754	267,414	2,708	2,243
46	28	96 637	15 907,850	290 931,884	18,289	17,824	96	78	2 837	65,719	168,661	2,566	2,102
47	29	96 415	15 260,825	275 024,034	18,022	17,557	97	79	1 892	42,136	102,941	2,443	1,978
48	30	96 167	14 636,044	259 763,208	17,748	17,283	98	80	1 223	26,193	60,805	2,321	1,857
49	31	95 887	14 032,217	245 127,164	17,469	17,004	99	81	765	15,744	34,612	2,198	1,734
							100	82	454	8,996	18,868	2,097	1,632

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	13 452,892	231 477,203	17,207	16,742
1							51	32	95 268	12 889,755	218 024,312	16,915	16,450
2							52	33	94 895	12 345,502	205 134,557	16,616	16,151
3							53	34	94 482	11 819,099	192 789,055	16,312	15,847
4							54	35	94 020	11 308,900	180 969,956	16,002	15,538
5							55	36	93 506	10 814,430	169 661,056	15,688	15,224
6							56	37	92 929	10 334,426	158 846,626	15,371	14,906
7							57	38	92 294	9 869,024	148 512,200	15,048	14,583
8							58	39	91 591	9 417,139	138 643,176	14,722	14,258
9							59	40	90 824	8 979,156	129 226,037	14,392	13,927
10							60	41	89 978	8 553,360	120 246,881	14,058	13,594
11							61	42	89 053	8 139,836	111 693,521	13,722	13,257
12							62	43	88 039	7 737,609	103 553,684	13,383	12,918
13							63	44	86 926	7 345,979	95 816,075	13,043	12,579
14							64	45	85 719	6 965,342	88 470,096	12,701	12,237
15							65	46	84 416	6 595,685	81 504,754	12,357	11,892
16							66	47	83 022	6 237,248	74 909,069	12,010	11,545
17							67	48	81 521	5 888,939	68 671,822	11,661	11,196
18							68	49	79 926	5 551,628	62 782,882	11,309	10,844
19	0	99 410	47 184,125	1 085 095,153	22,997	22,532	69	50	78 224	5 224,459	57 231,254	10,954	10,490
20	1	99 082	45 219,894	1 037 911,029	22,953	22,488	70	51	76 434	4 908,541	52 006,796	10,595	10,130
21	2	99 019	43 453,059	992 691,135	22,845	22,380	71	52	74 558	4 603,925	47 098,255	10,230	9,765
22	3	98 966	41 759,400	949 238,076	22,731	22,266	72	53	72 539	4 306,939	42 494,330	9,866	9,402
23	4	98 915	40 132,434	907 478,676	22,612	22,147	73	54	70 457	4 022,446	38 187,391	9,494	9,029
24	5	98 864	38 569,114	867 346,242	22,488	22,023	74	55	68 237	3 745,883	34 164,945	9,121	8,656
25	6	98 812	37 066,180	828 777,128	22,359	21,895	75	56	65 904	3 478,633	30 419,062	8,745	8,280
26	7	98 762	35 622,215	791 710,948	22,225	21,760	76	57	63 432	3 219,393	26 940,429	8,368	7,903
27	8	98 713	34 235,405	756 088,734	22,085	21,620	77	58	60 827	2 968,456	23 721,036	7,991	7,526
28	9	98 662	32 901,483	721 853,328	21,940	21,475	78	59	58 135	2 727,933	20 752,580	7,607	7,143
29	10	98 611	31 619,728	688 951,846	21,789	21,324	79	60	55 277	2 494,098	18 024,647	7,227	6,762
30	11	98 557	30 386,896	657 332,118	21,632	21,167	80	61	52 273	2 267,840	15 530,549	6,848	6,383
31	12	98 497	29 200,493	626 945,222	21,470	21,006	81	62	49 081	2 047,467	13 262,709	6,478	6,013
32	13	98 434	28 059,518	597 744,729	21,303	20,838	82	63	45 747	1 834,959	11 215,243	6,112	5,647
33	14	98 367	26 961,692	569 685,212	21,129	20,665	83	64	42 284	1 630,835	9 380,284	5,752	5,287
34	15	98 288	25 904,138	542 723,520	20,951	20,486	84	65	38 655	1 433,531	7 749,449	5,406	4,941
35	16	98 208	24 887,439	516 819,382	20,766	20,301	85	66	34 910	1 244,863	6 315,918	5,074	4,609
36	17	98 121	23 909,106	491 931,942	20,575	20,110	86	67	31 078	1 065,584	5 071,055	4,759	4,294
37	18	98 022	22 966,245	468 022,836	20,379	19,914	87	68	27 257	898,619	4 005,471	4,457	3,993
38	19	97 908	22 057,318	445 056,591	20,177	19,712	88	69	23 498	744,886	3 106,852	4,171	3,706
39	20	97 793	21 183,928	422 999,274	19,968	19,503	89	70	19 818	604,086	2 361,966	3,910	3,445
40	21	97 664	20 342,312	401 815,346	19,753	19,288	90	71	16 337	478,816	1 757,880	3,671	3,206
41	22	97 526	19 532,392	381 473,034	19,530	19,065	91	72	13 157	370,775	1 279,064	3,450	2,985
42	23	97 369	18 750,752	361 940,642	19,303	18,838	92	73	10 359	280,708	908,289	3,236	2,771
43	24	97 215	18 001,120	343 189,889	19,065	18,600	93	74	7 905	205,962	627,581	3,047	2,582
44	25	97 044	17 278,329	325 188,769	18,821	18,356	94	75	5 860	146,811	421,619	2,872	2,407
45	26	96 857	16 581,748	307 910,440	18,569	18,104	95	76	4 192	100,990	274,808	2,721	2,256
46	27	96 658	15 911,187	291 328,693	18,310	17,845	96	77	2 907	67,331	173,818	2,582	2,117
47	28	96 438	15 264,458	275 417,505	18,043	17,578	97	78	1 945	43,314	106,486	2,458	1,994
48	29	96 190	14 639,657	260 153,047	17,770	17,306	98	79	1 262	27,026	63,172	2,337	1,873
49	30	95 914	14 036,186	245 513,390	17,491	17,027	99	80	793	16,320	36,146	2,215	1,750
							100	81	474	9,375	19,826	2,115	1,650

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	13 456,697	231 826,110	17,228	16,763
1							51	31	95 298	12 893,907	218 369,413	16,936	16,471
2							52	32	94 927	12 349,650	205 475,507	16,638	16,173
3							53	33	94 516	11 823,240	193 125,857	16,334	15,870
4							54	34	94 056	11 313,220	181 302,617	16,026	15,561
5							55	35	93 549	10 819,482	169 989,397	15,711	15,247
6							56	36	92 974	10 339,357	159 169,915	15,395	14,930
7							57	37	92 341	9 874,010	148 830,559	15,073	14,608
8							58	38	91 642	9 422,360	138 956,549	14,748	14,283
9							59	39	90 884	8 985,002	129 534,189	14,417	13,952
10							60	40	90 035	8 558,779	120 549,187	14,085	13,620
11							61	41	89 118	8 145,807	111 990,408	13,748	13,283
12							62	42	88 110	7 743,858	103 844,601	13,410	12,945
13							63	43	87 004	7 352,564	96 100,743	13,070	12,606
14							64	44	85 800	6 971,936	88 748,179	12,729	12,265
15							65	45	84 507	6 602,788	81 776,243	12,385	11,920
16							66	46	83 120	6 244,642	75 173,455	12,038	11,573
17							67	47	81 627	5 896,601	68 928,813	11,690	11,225
18							68	48	80 047	5 560,063	63 032,212	11,337	10,872
19							69	49	78 356	5 233,272	57 472,148	10,982	10,517
20	0	99 370	45 351,043	1 038 482,594	22,899	22,434	70	50	76 575	4 917,608	52 238,877	10,623	10,158
21	1	99 041	43 462,725	993 131,551	22,850	22,385	71	51	74 713	4 613,505	47 321,268	10,257	9,792
22	2	98 979	41 764,888	949 668,825	22,738	22,274	72	52	72 699	4 316,455	42 707,763	9,894	9,429
23	3	98 925	40 136,436	907 903,937	22,620	22,156	73	53	70 632	4 032,440	38 391,309	9,521	9,056
24	4	98 873	38 572,664	867 767,501	22,497	22,032	74	54	68 426	3 756,229	34 358,868	9,147	8,682
25	5	98 819	37 068,698	829 194,837	22,369	21,904	75	55	66 109	3 489,494	30 602,639	8,770	8,305
26	6	98 769	35 624,816	792 126,139	22,235	21,770	76	56	63 647	3 230,316	27 113,146	8,393	7,929
27	7	98 718	34 237,036	756 501,323	22,096	21,631	77	57	61 057	2 979,649	23 882,830	8,015	7,550
28	8	98 669	32 903,854	722 264,287	21,951	21,486	78	58	58 378	2 739,366	20 903,181	7,631	7,166
29	9	98 616	31 621,408	689 360,433	21,800	21,336	79	59	55 535	2 505,711	18 163,815	7,249	6,784
30	10	98 562	30 388,585	657 739,024	21,644	21,179	80	60	52 543	2 279,526	15 658,104	6,869	6,404
31	11	98 505	29 202,739	627 350,439	21,483	21,018	81	61	49 357	2 058,968	13 378,578	6,498	6,033
32	12	98 441	28 061,291	598 147,700	21,316	20,851	82	62	46 029	1 846,262	11 319,610	6,131	5,666
33	13	98 374	26 963,823	570 086,409	21,143	20,678	83	63	42 572	1 641,934	9 473,348	5,770	5,305
34	14	98 298	25 906,528	543 122,586	20,965	20,500	84	64	38 944	1 444,231	7 831,414	5,423	4,958
35	15	98 219	24 890,321	517 216,058	20,780	20,315	85	65	35 192	1 254,919	6 387,183	5,090	4,625
36	16	98 134	23 912,163	492 325,737	20,589	20,124	86	66	31 353	1 074,999	5 132,264	4,774	4,309
37	17	98 035	22 969,223	468 413,574	20,393	19,928	87	67	27 514	907,108	4 057,265	4,473	4,008
38	18	97 924	22 060,899	445 444,351	20,192	19,727	88	68	23 740	752,566	3 150,157	4,186	3,721
39	19	97 809	21 187,410	423 383,453	19,983	19,518	89	69	20 050	611,142	2 397,591	3,923	3,458
40	20	97 680	20 345,642	402 196,042	19,768	19,303	90	70	16 545	484,902	1 786,449	3,684	3,219
41	21	97 543	19 535,709	381 850,400	19,546	19,081	91	71	13 341	375,969	1 301,547	3,462	2,997
42	22	97 385	18 753,899	362 314,691	19,319	18,855	92	72	10 516	284,968	925,578	3,248	2,783
43	23	97 231	18 004,065	343 560,792	19,082	18,618	93	73	8 039	209,468	640,611	3,058	2,593
44	24	97 060	17 281,168	325 556,727	18,839	18,374	94	74	5 969	149,531	431,143	2,883	2,418
45	25	96 876	16 584,972	308 275,560	18,588	18,123	95	75	4 278	103,064	281,611	2,732	2,268
46	26	96 675	15 914,024	291 690,587	18,329	17,864	96	76	2 973	68,856	178,547	2,593	2,128
47	27	96 458	15 267,661	275 776,564	18,063	17,598	97	77	1 992	44,377	109,691	2,472	2,007
48	28	96 213	14 643,142	260 508,903	17,791	17,326	98	78	1 297	27,782	65,314	2,351	1,886
49	29	95 938	14 039,651	245 865,761	17,512	17,047	99	79	818	16,839	37,533	2,229	1,764
							100	80	491	9,718	20,694	2,129	1,665

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	13 460,019	232 144,303	17,247	16,782
1							51	30	95 325	12 897,554	218 684,284	16,955	16,491
2							52	31	94 957	12 353,628	205 786,731	16,658	16,193
3							53	32	94 547	11 827,213	193 433,103	16,355	15,890
4							54	33	94 089	11 317,183	181 605,890	16,047	15,582
5							55	34	93 585	10 823,614	170 288,707	15,733	15,268
6							56	35	93 017	10 344,187	159 465,093	15,416	14,951
7							57	36	92 385	9 878,721	149 120,906	15,095	14,630
8							58	37	91 688	9 427,120	139 242,185	14,770	14,306
9							59	38	90 934	8 989,983	129 815,065	14,440	13,975
10							60	39	90 094	8 564,351	120 825,082	14,108	13,643
11							61	40	89 175	8 150,967	112 260,731	13,773	13,308
12							62	41	88 174	7 749,538	104 109,763	13,434	12,969
13							63	42	87 074	7 358,501	96 360,226	13,095	12,630
14							64	43	85 877	6 978,187	89 001,724	12,754	12,289
15							65	44	84 587	6 609,039	82 023,537	12,411	11,946
16							66	45	83 210	6 251,367	75 414,499	12,064	11,599
17							67	46	81 724	5 903,592	69 163,132	11,715	11,251
18							68	47	80 151	5 567,297	63 259,540	11,363	10,898
19							69	48	78 475	5 241,223	57 692,243	11,007	10,543
20							70	49	76 704	4 925,904	52 451,019	10,648	10,183
21	0	99 329	43 588,778	993 660,370	22,796	22,331	71	50	74 851	4 622,027	47 525,115	10,282	9,817
22	1	99 001	41 774,179	950 071,592	22,743	22,278	72	51	72 850	4 325,436	42 903,088	9,919	9,454
23	2	98 938	40 141,711	908 297,413	22,627	22,162	73	52	70 788	4 041,349	38 577,652	9,546	9,081
24	3	98 883	38 576,510	868 155,702	22,505	22,040	74	53	68 596	3 765,562	34 536,302	9,172	8,707
25	4	98 828	37 072,111	829 579,192	22,377	21,913	75	54	66 292	3 499,131	30 770,740	8,794	8,329
26	5	98 775	35 627,236	792 507,081	22,244	21,780	76	55	63 846	3 240,401	27 271,609	8,416	7,951
27	6	98 725	34 239,536	756 879,844	22,105	21,641	77	56	61 264	2 989,759	24 031,207	8,038	7,573
28	7	98 674	32 905,421	722 640,308	21,961	21,496	78	57	58 598	2 749,695	21 041,449	7,652	7,187
29	8	98 623	31 623,688	689 734,887	21,811	21,346	79	58	55 767	2 516,212	18 291,754	7,270	6,805
30	9	98 568	30 390,200	658 111,200	21,655	21,191	80	59	52 787	2 290,140	15 775,542	6,888	6,424
31	10	98 510	29 204,362	627 720,999	21,494	21,029	81	60	49 612	2 069,579	13 485,402	6,516	6,051
32	11	98 448	28 063,449	598 516,637	21,327	20,862	82	61	46 287	1 856,633	11 415,823	6,149	5,684
33	12	98 381	26 965,527	570 453,188	21,155	20,690	83	62	42 834	1 652,048	9 559,190	5,786	5,321
34	13	98 305	25 908,576	543 487,660	20,977	20,512	84	63	39 209	1 454,061	7 907,142	5,438	4,973
35	14	98 228	24 892,617	517 579,084	20,792	20,328	85	64	35 455	1 264,286	6 453,081	5,104	4,639
36	15	98 145	23 914,932	492 686,467	20,602	20,137	86	65	31 606	1 083,683	5 188,795	4,788	4,323
37	16	98 047	22 972,160	468 771,535	20,406	19,941	87	66	27 757	915,122	4 105,112	4,486	4,021
38	17	97 937	22 063,759	445 799,376	20,205	19,740	88	67	23 964	759,675	3 189,990	4,199	3,734
39	18	97 825	21 190,850	423 735,616	19,996	19,531	89	68	20 256	617,443	2 430,315	3,936	3,471
40	19	97 696	20 348,987	402 544,766	19,782	19,317	90	69	16 738	490,566	1 812,872	3,695	3,231
41	20	97 559	19 538,907	382 195,779	19,561	19,096	91	70	13 510	380,748	1 322,306	3,473	3,008
42	21	97 401	18 757,084	362 656,872	19,334	18,870	92	71	10 664	288,959	941,559	3,258	2,794
43	22	97 247	18 007,086	343 899,788	19,098	18,633	93	72	8 161	212,647	652,599	3,069	2,604
44	23	97 076	17 283,994	325 892,702	18,855	18,390	94	73	6 070	152,076	439,953	2,893	2,428
45	24	96 892	16 587,697	308 608,708	18,605	18,140	95	74	4 358	104,974	287,876	2,742	2,278
46	25	96 694	15 917,118	292 021,011	18,346	17,882	96	75	3 034	70,270	182,903	2,603	2,138
47	26	96 475	15 270,382	276 103,892	18,081	17,616	97	76	2 038	45,382	112,632	2,482	2,017
48	27	96 233	14 646,214	260 833,510	17,809	17,344	98	77	1 329	28,463	67,251	2,363	1,898
49	28	95 961	14 042,993	246 187,296	17,531	17,066	99	78	841	17,309	38,787	2,241	1,776
							100	79	506	10,027	21,478	2,142	1,677

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	28	95 679	13 463,223	232 434,540	17,264	16,800
1							51	29	95 349	12 900,737	218 971,318	16,974	16,509
2							52	30	94 984	12 357,122	206 070,581	16,676	16,211
3							53	31	94 578	11 831,022	193 713,458	16,373	15,909
4							54	32	94 121	11 320,986	181 882,436	16,066	15,601
5							55	33	93 618	10 827,406	170 561,450	15,753	15,288
6							56	34	93 053	10 348,138	159 734,044	15,436	14,971
7							57	35	92 428	9 883,335	149 385,906	15,115	14,650
8							58	36	91 732	9 431,618	139 502,570	14,791	14,326
9							59	37	90 980	8 994,525	130 070,953	14,461	13,996
10							60	38	90 144	8 569,099	121 076,428	14,129	13,665
11							61	39	89 233	8 156,274	112 507,329	13,794	13,329
12							62	40	88 230	7 754,447	104 351,054	13,457	12,992
13							63	41	87 138	7 363,899	96 596,607	13,118	12,653
14							64	42	85 946	6 983,822	89 232,708	12,777	12,312
15							65	43	84 663	6 614,964	82 248,887	12,434	11,969
16							66	44	83 289	6 257,285	75 633,923	12,087	11,623
17							67	45	81 812	5 909,949	69 376,638	11,739	11,274
18							68	46	80 246	5 573,898	63 466,689	11,386	10,922
19							69	47	78 577	5 248,043	57 892,791	11,031	10,566
20							70	48	76 821	4 933,389	52 644,748	10,671	10,206
21							71	49	74 978	4 629,824	47 711,360	10,305	9,840
22	0	99 289	41 895,335	950 561,014	22,689	22,224	72	50	72 985	4 333,427	43 081,536	9,942	9,477
23	1	98 960	40 150,641	908 665,679	22,631	22,167	73	51	70 935	4 049,759	38 748,109	9,568	9,103
24	2	98 896	38 581,580	868 515,038	22,511	22,046	74	52	68 747	3 773,882	34 698,350	9,194	8,730
25	3	98 838	37 075,808	829 933,458	22,385	21,920	75	53	66 457	3 507,826	30 924,469	8,816	8,351
26	4	98 785	35 630,516	792 857,650	22,252	21,787	76	54	64 022	3 249,351	27 416,643	8,438	7,973
27	5	98 732	34 241,862	757 227,134	22,114	21,649	77	55	61 455	2 999,093	24 167,292	8,058	7,593
28	6	98 681	32 907,824	722 985,272	21,970	21,505	78	56	58 797	2 759,024	21 168,199	7,672	7,208
29	7	98 628	31 625,194	690 077,448	21,820	21,356	79	57	55 978	2 525,700	18 409,174	7,289	6,824
30	8	98 575	30 392,391	658 452,254	21,665	21,200	80	58	53 008	2 299,738	15 883,475	6,907	6,442
31	9	98 515	29 205,915	628 059,863	21,505	21,040	81	59	49 843	2 079,215	13 583,737	6,533	6,068
32	10	98 454	28 065,009	598 853,948	21,338	20,873	82	60	46 526	1 866,201	11 504,522	6,165	5,700
33	11	98 388	26 967,601	570 788,939	21,166	20,701	83	61	43 075	1 661,328	9 638,321	5,802	5,337
34	12	98 312	25 910,213	543 821,338	20,989	20,524	84	62	39 450	1 463,017	7 976,993	5,452	4,988
35	13	98 236	24 894,585	517 911,124	20,804	20,339	85	63	35 696	1 272,891	6 513,976	5,117	4,653
36	14	98 154	23 917,138	493 016,539	20,614	20,149	86	64	31 842	1 091,772	5 241,085	4,801	4,336
37	15	98 059	22 974,819	469 099,401	20,418	19,953	87	65	27 982	922,515	4 149,313	4,498	4,033
38	16	97 949	22 066,580	446 124,582	20,217	19,752	88	66	24 176	766,386	3 226,798	4,210	3,746
39	17	97 837	21 193,598	424 058,002	20,009	19,544	89	67	20 448	623,275	2 460,411	3,948	3,483
40	18	97 712	20 352,291	402 864,404	19,795	19,330	90	68	16 910	495,624	1 837,136	3,707	3,242
41	19	97 575	19 542,119	382 512,113	19,574	19,109	91	69	13 668	385,195	1 341,512	3,483	3,018
42	20	97 417	18 760,155	362 969,994	19,348	18,883	92	70	10 799	292,632	956,317	3,268	2,803
43	21	97 264	18 010,144	344 209,839	19,112	18,647	93	71	8 276	215,625	663,685	3,078	2,613
44	22	97 092	17 286,895	326 199,695	18,870	18,405	94	72	6 162	154,384	448,059	2,902	2,437
45	23	96 908	16 590,411	308 912,800	18,620	18,155	95	73	4 432	106,760	293,675	2,751	2,286
46	24	96 710	15 919,734	292 322,390	18,362	17,897	96	74	3 090	71,572	186,915	2,612	2,147
47	25	96 494	15 273,352	276 402,656	18,097	17,632	97	75	2 079	46,314	115,343	2,490	2,026
48	26	96 251	14 648,825	261 129,304	17,826	17,361	98	76	1 359	29,108	69,029	2,371	1,907
49	27	95 981	14 045,939	246 480,479	17,548	17,083	99	77	861	17,734	39,921	2,251	1,786
							100	78	521	10,307	22,187	2,153	1,688

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	13 466,047	232 699,081	17,280	16,816
1							51	28	95 371	12 903,808	219 233,034	16,990	16,525
2							52	29	95 008	12 360,172	206 329,226	16,693	16,228
3							53	30	94 605	11 834,369	193 969,053	16,390	15,925
4							54	31	94 151	11 324,632	182 134,684	16,083	15,618
5							55	32	93 649	10 831,045	170 810,052	15,770	15,306
6							56	33	93 085	10 351,763	159 979,007	15,454	14,989
7							57	34	92 463	9 887,110	149 627,244	15,134	14,669
8							58	35	91 775	9 436,024	139 740,134	14,809	14,344
9							59	36	91 023	8 998,816	130 304,110	14,480	14,015
10							60	37	90 189	8 573,428	121 305,294	14,149	13,684
11							61	38	89 282	8 160,796	112 731,866	13,814	13,349
12							62	39	88 288	7 759,496	104 571,069	13,477	13,012
13							63	40	87 193	7 368,564	96 811,573	13,138	12,674
14							64	41	86 009	6 988,944	89 443,009	12,798	12,333
15							65	42	84 732	6 620,305	82 454,065	12,455	11,990
16							66	43	83 363	6 262,895	75 833,760	12,108	11,644
17							67	44	81 890	5 915,544	69 570,865	11,761	11,296
18							68	45	80 333	5 579,900	63 655,321	11,408	10,943
19							69	46	78 671	5 254,265	58 075,421	11,053	10,588
20							70	47	76 921	4 939,807	52 821,156	10,693	10,228
21							71	48	75 092	4 636,859	47 881,349	10,326	9,861
22							72	49	73 108	4 340,737	43 244,490	9,962	9,498
23	0	99 247	40 267,088	909 118,787	22,577	22,112	73	50	71 066	4 057,240	38 903,753	9,589	9,124
24	1	98 918	38 590,163	868 851,699	22,515	22,050	74	51	68 890	3 781,734	34 846,514	9,214	8,750
25	2	98 851	37 080,680	830 261,536	22,391	21,926	75	52	66 603	3 515,575	31 064,779	8,836	8,372
26	3	98 794	35 634,069	793 180,856	22,259	21,794	76	53	64 181	3 257,425	27 549,204	8,457	7,993
27	4	98 741	34 245,015	757 546,787	22,121	21,657	77	54	61 625	3 007,376	24 291,779	8,077	7,613
28	5	98 688	32 910,060	723 301,772	21,978	21,513	78	55	58 981	2 767,638	21 284,403	7,690	7,226
29	6	98 635	31 627,503	690 391,712	21,829	21,364	79	56	56 168	2 534,269	18 516,765	7,307	6,842
30	7	98 579	30 393,838	658 764,209	21,674	21,209	80	57	53 208	2 308,409	15 982,495	6,924	6,459
31	8	98 523	29 208,020	628 370,370	21,514	21,049	81	58	50 051	2 087,929	13 674,086	6,549	6,084
32	9	98 459	28 066,501	599 162,351	21,348	20,883	82	59	46 742	1 874,890	11 586,157	6,180	5,715
33	10	98 394	26 969,100	571 095,850	21,176	20,711	83	60	43 297	1 669,890	9 711,267	5,816	5,351
34	11	98 319	25 912,206	544 126,749	20,999	20,534	84	61	39 672	1 471,236	8 041,378	5,466	5,001
35	12	98 242	24 896,158	518 214,543	20,815	20,350	85	62	35 916	1 280,732	6 570,142	5,130	4,665
36	13	98 162	23 919,029	493 318,385	20,625	20,160	86	63	32 059	1 099,203	5 289,410	4,812	4,347
37	14	98 068	22 976,939	469 399,356	20,429	19,964	87	64	28 191	929,401	4 190,207	4,509	4,044
38	15	97 961	22 069,135	446 422,417	20,228	19,764	88	65	24 371	772,578	3 260,807	4,221	3,756
39	16	97 850	21 196,307	424 353,282	20,020	19,555	89	66	20 628	628,782	2 488,229	3,957	3,492
40	17	97 724	20 354,930	403 156,974	19,806	19,342	90	67	17 070	500,305	1 859,447	3,717	3,252
41	18	97 591	19 545,292	382 802,044	19,585	19,121	91	68	13 809	389,166	1 359,142	3,492	3,028
42	19	97 433	18 763,239	363 256,753	19,360	18,895	92	69	10 925	296,051	969,975	3,276	2,812
43	20	97 280	18 013,093	344 493,514	19,125	18,660	93	70	8 381	218,366	673,925	3,086	2,621
44	21	97 109	17 289,831	326 480,421	18,883	18,418	94	71	6 249	156,547	455,559	2,910	2,445
45	22	96 924	16 593,195	309 190,591	18,634	18,169	95	72	4 499	108,381	299,012	2,759	2,294
46	23	96 725	15 922,338	292 597,396	18,377	17,912	96	73	3 142	72,790	190,631	2,619	2,154
47	24	96 510	15 275,861	276 675,058	18,112	17,647	97	74	2 118	47,172	117,841	2,498	2,033
48	25	96 269	14 651,673	261 399,197	17,841	17,376	98	75	1 387	29,706	70,669	2,379	1,914
49	26	95 998	14 048,443	246 747,524	17,564	17,099	99	76	881	18,136	40,964	2,259	1,794
							100	77	533	10,560	22,828	2,162	1,697

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	13 468,448	232 939,931	17,295	16,830
1							51	27	95 391	12 906,515	219 471,483	17,005	16,540
2							52	28	95 030	12 363,115	206 564,968	16,708	16,243
3							53	29	94 628	11 837,290	194 201,853	16,406	15,941
4							54	30	94 178	11 327,836	182 364,563	16,099	15,634
5							55	31	93 679	10 834,533	171 036,727	15,786	15,321
6							56	32	93 117	10 355,242	160 202,194	15,471	15,006
7							57	33	92 496	9 890,574	149 846,953	15,150	14,686
8							58	34	91 810	9 439,628	139 956,378	14,826	14,362
9							59	35	91 066	9 003,020	130 516,751	14,497	14,032
10							60	36	90 232	8 577,519	121 513,731	14,167	13,702
11							61	37	89 328	8 164,919	112 936,212	13,832	13,367
12							62	38	88 337	7 763,798	104 771,293	13,495	13,030
13							63	39	87 250	7 373,361	97 007,495	13,156	12,692
14							64	40	86 064	6 993,372	89 634,134	12,817	12,352
15							65	41	84 794	6 625,161	82 640,762	12,474	12,009
16							66	42	83 431	6 267,952	76 015,601	12,128	11,663
17							67	43	81 963	5 920,848	69 747,649	11,780	11,315
18							68	44	80 409	5 585,183	63 826,801	11,428	10,963
19							69	45	78 755	5 259,922	58 241,618	11,073	10,608
20							70	46	77 012	4 945,664	52 981,696	10,713	10,248
21							71	47	75 189	4 642,892	48 036,032	10,346	9,881
22							72	48	73 219	4 347,332	43 393,140	9,982	9,517
23							73	49	71 186	4 064,084	39 045,808	9,608	9,143
24	0	99 205	38 702,084	869 271,339	22,461	21,996	74	50	69 018	3 788,720	34 981,724	9,233	8,768
25	1	98 873	37 088,929	830 569,254	22,394	21,929	75	51	66 742	3 522,891	31 193,004	8,854	8,390
26	2	98 807	35 638,752	793 480,325	22,265	21,800	76	52	64 323	3 264,621	27 670,113	8,476	8,011
27	3	98 751	34 248,429	757 841,573	22,128	21,663	77	53	61 778	3 014,849	24 405,492	8,095	7,630
28	4	98 697	32 913,090	723 593,144	21,985	21,520	78	54	59 144	2 775,282	21 390,643	7,708	7,243
29	5	98 642	31 629,652	690 680,054	21,836	21,372	79	55	56 343	2 542,182	18 615,361	7,323	6,858
30	6	98 586	30 396,058	659 050,402	21,682	21,217	80	56	53 389	2 316,242	16 073,179	6,939	6,475
31	7	98 527	29 209,411	628 654,344	21,522	21,058	81	57	50 240	2 095,801	13 756,937	6,564	6,099
32	8	98 466	28 068,524	599 444,933	21,356	20,892	82	58	46 938	1 882,748	11 661,136	6,194	5,729
33	9	98 399	26 970,534	571 376,409	21,185	20,720	83	59	43 498	1 677,665	9 778,388	5,829	5,364
34	10	98 325	25 913,647	544 405,875	21,008	20,544	84	60	39 876	1 478,817	8 100,724	5,478	5,013
35	11	98 250	24 898,073	518 492,229	20,825	20,360	85	61	36 118	1 287,926	6 621,906	5,142	4,677
36	12	98 168	23 920,540	493 594,156	20,635	20,170	86	62	32 256	1 105,973	5 333,980	4,823	4,358
37	13	98 075	22 978,755	469 673,615	20,439	19,975	87	63	28 382	935,726	4 228,007	4,518	4,054
38	14	97 970	22 071,171	446 694,860	20,239	19,774	88	64	24 553	778,344	3 292,280	4,230	3,765
39	15	97 861	21 198,762	424 623,688	20,031	19,566	89	65	20 795	633,862	2 513,936	3,966	3,501
40	16	97 737	20 357,532	403 424,927	19,817	19,352	90	66	17 221	504,726	1 880,074	3,725	3,260
41	17	97 603	19 547,826	383 067,394	19,596	19,132	91	67	13 940	392,842	1 375,349	3,501	3,036
42	18	97 449	18 766,285	363 519,568	19,371	18,906	92	68	11 038	299,103	982,506	3,285	2,820
43	19	97 296	18 016,054	344 753,284	19,136	18,671	93	69	8 479	220,917	683,404	3,093	2,629
44	20	97 124	17 292,661	326 737,230	18,895	18,430	94	70	6 328	158,537	462,487	2,917	2,452
45	21	96 940	16 596,012	309 444,569	18,646	18,181	95	71	4 562	109,899	303,950	2,766	2,301
46	22	96 742	15 925,010	292 848,556	18,389	17,924	96	72	3 190	73,895	194,051	2,626	2,161
47	23	96 526	15 278,360	276 923,546	18,125	17,660	97	73	2 154	47,975	120,156	2,505	2,040
48	24	96 285	14 654,081	261 645,186	17,855	17,390	98	74	1 413	30,256	72,182	2,386	1,921
49	25	96 017	14 051,175	246 991,106	17,578	17,113	99	75	899	18,508	41,926	2,265	1,800
							100	76	545	10,799	23,417	2,168	1,704

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	13 471,067	233 159,553	17,308	16,843
1							51	26	95 408	12 908,816	219 688,487	17,018	16,554
2							52	27	95 050	12 365,708	206 779,670	16,722	16,257
3							53	28	94 650	11 840,108	194 413,962	16,420	15,955
4							54	29	94 201	11 330,632	182 573,854	16,113	15,648
5							55	30	93 706	10 837,598	171 243,223	15,801	15,336
6							56	31	93 147	10 358,577	160 405,624	15,485	15,020
7							57	32	92 527	9 893,898	150 047,047	15,166	14,701
8							58	33	91 842	9 442,935	140 153,150	14,842	14,377
9							59	34	91 101	9 006,458	130 710,215	14,513	14,048
10							60	35	90 274	8 581,526	121 703,756	14,182	13,717
11							61	36	89 370	8 168,814	113 122,231	13,848	13,383
12							62	37	88 381	7 767,720	104 953,416	13,511	13,047
13							63	38	87 298	7 377,449	97 185,696	13,173	12,709
14							64	39	86 120	6 997,925	89 808,247	12,834	12,369
15							65	40	84 847	6 629,358	82 810,322	12,491	12,027
16							66	41	83 492	6 272,550	76 180,964	12,145	11,680
17							67	42	82 029	5 925,629	69 908,414	11,798	11,333
18							68	43	80 481	5 590,190	63 982,785	11,446	10,981
19							69	44	78 830	5 264,902	58 392,595	11,091	10,626
20							70	45	77 095	4 950,989	53 127,693	10,731	10,266
21							71	46	75 278	4 648,396	48 176,704	10,364	9,899
22							72	47	73 314	4 352,988	43 528,308	10,000	9,535
23							73	48	71 294	4 070,259	39 175,319	9,625	9,160
24							74	49	69 134	3 795,112	35 105,060	9,250	8,785
25	0	99 160	37 196,497	830 958,049	22,340	21,875	75	50	66 865	3 529,398	31 309,949	8,871	8,406
26	1	98 829	35 646,680	793 761,552	22,267	21,803	76	51	64 457	3 271,415	27 780,550	8,492	8,027
27	2	98 764	34 252,930	758 114,872	22,133	21,668	77	52	61 914	3 021,510	24 509,136	8,112	7,647
28	3	98 706	32 916,371	723 861,941	21,991	21,526	78	53	59 291	2 782,178	21 487,626	7,723	7,258
29	4	98 651	31 632,564	690 945,570	21,843	21,378	79	54	56 499	2 549,203	18 705,448	7,338	6,873
30	5	98 593	30 398,123	659 313,006	21,689	21,224	80	55	53 556	2 323,473	16 156,245	6,953	6,489
31	6	98 534	29 211,544	628 914,883	21,530	21,065	81	56	50 411	2 102,912	13 832,772	6,578	6,113
32	7	98 471	28 069,861	599 703,339	21,365	20,900	82	57	47 115	1 889,847	11 729,859	6,207	5,742
33	8	98 406	26 972,478	571 633,478	21,193	20,728	83	58	43 681	1 684,696	9 840,013	5,841	5,376
34	9	98 330	25 915,024	544 661,000	21,017	20,552	84	59	40 062	1 485,703	8 155,317	5,489	5,024
35	10	98 255	24 899,457	518 745,976	20,834	20,369	85	60	36 304	1 294,563	6 669,614	5,152	4,687
36	11	98 176	23 922,380	493 846,519	20,644	20,179	86	61	32 437	1 112,186	5 375,051	4,833	4,368
37	12	98 082	22 980,208	469 924,139	20,449	19,984	87	62	28 557	941,490	4 262,865	4,528	4,063
38	13	97 978	22 072,916	446 943,931	20,249	19,784	88	63	24 720	783,642	3 321,375	4,238	3,774
39	14	97 870	21 200,717	424 871,015	20,040	19,576	89	64	20 950	638,593	2 537,733	3,974	3,509
40	15	97 748	20 359,889	403 670,298	19,827	19,362	90	65	17 360	508,803	1 899,140	3,733	3,268
41	16	97 616	19 550,325	383 310,408	19,606	19,142	91	66	14 063	396,313	1 390,337	3,508	3,043
42	17	97 462	18 768,718	363 760,083	19,381	18,916	92	67	11 142	301,928	994,024	3,292	2,827
43	18	97 311	18 018,979	344 991,365	19,146	18,681	93	68	8 566	223,194	692,095	3,101	2,636
44	19	97 140	17 295,504	326 972,386	18,905	18,440	94	69	6 402	160,389	468,901	2,924	2,459
45	20	96 956	16 598,729	309 676,882	18,657	18,192	95	70	4 620	111,296	308,512	2,772	2,307
46	21	96 758	15 927,714	293 078,152	18,401	17,936	96	71	3 235	74,930	197,217	2,632	2,167
47	22	96 542	15 280,924	277 150,438	18,137	17,672	97	72	2 187	48,703	122,287	2,511	2,046
48	23	96 301	14 656,478	261 869,514	17,867	17,402	98	73	1 437	30,771	73,584	2,391	1,927
49	24	96 032	14 053,483	247 213,037	17,591	17,126	99	74	915	18,851	42,813	2,271	1,806
							100	75	557	11,021	23,962	2,174	1,709

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 304 528,555	23,045	22,580	50	50	94 198	11 755,491	184 201,650	15,669	15,204
1	1	99 373	95 322,009	2 204 528,555	23,127	22,662	51	51	93 723	11 219,290	172 446,159	15,371	14,905
2	2	99 327	91 393,550	2 109 206,546	23,078	22,613	52	52	93 193	10 701,136	161 226,869	15,066	14,601
3	3	99 301	87 644,494	2 017 812,996	23,023	22,557	53	53	92 616	10 201,323	150 525,733	14,756	14,290
4	4	99 279	84 053,111	1 930 168,501	22,964	22,498	54	54	91 970	9 717,126	140 324,409	14,441	13,976
5	5	99 259	80 609,864	1 846 115,391	22,902	22,437	55	55	91 257	9 248,758	130 607,283	14,122	13,656
6	6	99 243	77 311,331	1 765 505,526	22,836	22,371	56	56	90 456	8 793,804	121 358,525	13,800	13,335
7	7	99 227	74 147,458	1 688 194,196	22,768	22,303	57	57	89 579	8 353,532	112 564,721	13,475	13,010
8	8	99 212	71 114,361	1 614 046,738	22,696	22,231	58	58	88 612	7 926,446	104 211,189	13,147	12,682
9	9	99 198	68 205,103	1 542 932,377	22,622	22,157	59	59	87 560	7 513,090	96 284,743	12,816	12,350
10	10	99 184	65 415,831	1 474 727,274	22,544	22,079	60	60	86 397	7 111,067	88 771,653	12,484	12,018
11	11	99 172	62 740,837	1 409 311,444	22,462	21,997	61	61	85 133	6 721,360	81 660,586	12,149	11,684
12	12	99 157	60 174,270	1 346 570,607	22,378	21,913	62	62	83 760	6 343,417	74 939,226	11,814	11,348
13	13	99 142	57 712,365	1 286 396,337	22,290	21,825	63	63	82 269	5 976,483	68 595,810	11,478	11,012
14	14	99 125	55 350,063	1 228 683,972	22,198	21,733	64	64	80 655	5 620,317	62 619,327	11,142	10,676
15	15	99 104	53 082,129	1 173 333,909	22,104	21,639	65	65	78 926	5 275,619	56 999,010	10,804	10,339
16	16	99 077	50 904,302	1 120 251,779	22,007	21,542	66	66	77 091	4 942,925	51 723,392	10,464	9,999
17	17	99 041	48 811,660	1 069 347,478	21,908	21,442	67	67	75 132	4 620,935	46 780,467	10,124	9,658
18	18	99 002	46 803,183	1 020 535,818	21,805	21,340	68	68	73 083	4 311,680	42 159,532	9,778	9,313
19	19	98 948	44 870,525	973 732,635	21,701	21,236	69	69	70 917	4 013,308	37 847,852	9,431	8,965
20	20	98 892	43 016,831	928 862,110	21,593	21,128	70	70	68 620	3 725,021	33 834,544	9,083	8,618
21	21	98 835	41 239,369	885 845,279	21,481	21,015	71	71	66 234	3 448,886	30 109,523	8,730	8,265
22	22	98 778	39 535,434	844 605,910	21,363	20,898	72	72	63 690	3 181,220	26 660,637	8,381	7,915
23	23	98 720	37 901,419	805 070,476	21,241	20,776	73	73	61 089	2 926,910	23 479,417	8,022	7,557
24	24	98 662	36 335,057	767 169,057	21,114	20,649	74	74	58 335	2 681,012	20 552,507	7,666	7,201
25	25	98 601	34 832,083	730 834,000	20,982	20,516	75	75	55 488	2 446,192	17 871,495	7,306	6,841
26	26	98 538	33 390,820	696 001,917	20,844	20,379	76	76	52 510	2 220,533	15 425,303	6,947	6,481
27	27	98 477	32 009,743	662 611,097	20,700	20,235	77	77	49 424	2 004,834	13 204,770	6,586	6,121
28	28	98 412	30 684,543	630 601,354	20,551	20,086	78	78	46 298	1 801,492	11 199,936	6,217	5,752
29	29	98 343	29 412,999	599 916,811	20,396	19,931	79	79	43 025	1 605,858	9 398,444	5,853	5,387
30	30	98 271	28 193,030	570 503,812	20,236	19,770	80	80	39 636	1 419,074	7 792,586	5,491	5,026
31	31	98 191	27 021,748	542 310,783	20,069	19,604	81	81	36 105	1 239,964	6 373,513	5,140	4,675
32	32	98 103	25 896,932	515 289,034	19,898	19,432	82	82	32 491	1 070,351	5 133,548	4,796	4,331
33	33	98 010	24 817,667	489 392,102	19,720	19,254	83	83	28 815	910,552	4 063,197	4,462	3,997
34	34	97 907	23 780,894	464 574,435	19,536	19,070	84	84	25 074	760,030	3 152,645	4,148	3,683
35	35	97 801	22 786,675	440 793,541	19,344	18,879	85	85	21 372	621,399	2 392,615	3,850	3,385
36	36	97 682	21 831,021	418 006,866	19,147	18,682	86	86	17 779	495,872	1 771,216	3,572	3,107
37	37	97 549	20 912,557	396 175,846	18,944	18,479	87	87	14 398	385,200	1 275,344	3,311	2,846
38	38	97 402	20 029,877	375 263,289	18,735	18,270	88	88	11 298	289,929	890,144	3,070	2,605
39	39	97 249	19 183,154	355 233,412	18,518	18,053	89	89	8 548	210,415	600,215	2,853	2,387
40	40	97 074	18 367,902	336 050,258	18,296	17,830	90	90	6 217	146,792	389,801	2,655	2,190
41	41	96 892	17 586,144	317 682,356	18,064	17,599	91	91	4 330	98,069	243,008	2,478	2,013
42	42	96 681	16 832,384	300 096,212	17,829	17,363	92	92	2 887	62,716	144,939	2,311	1,846
43	43	96 466	16 110,322	283 263,828	17,583	17,118	93	93	1 819	37,913	82,223	2,169	1,704
44	44	96 226	15 415,083	267 153,506	17,331	16,865	94	94	1 086	21,708	44,310	2,041	1,576
45	45	95 968	14 747,051	251 738,423	17,070	16,605	95	95	611	11,714	22,603	1,930	1,464
46	46	95 685	14 104,080	236 991,372	16,803	16,338	96	96	323	5,942	10,888	1,832	1,367
47	47	95 375	13 485,199	222 887,292	16,528	16,063	97	97	160	2,816	4,947	1,757	1,292
48	48	95 029	12 888,513	209 402,093	16,247	15,782	98	98	75	1,271	2,131	1,677	1,212
49	49	94 635	12 311,930	196 513,580	15,961	15,496	99	99	33	0,538	0,860	1,600	1,135
							100	100	13	0,210	0,323	1,537	1,072

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	2 302 106,542	23,088	22,623	50	51	94 025	11 733,815	182 520,460	15,555	15,090
1	2	99 351	95 300,808	2 202 395,729	23,110	22,645	51	52	93 528	11 195,993	170 786,645	15,254	14,789
2	3	99 314	91 381,541	2 107 094,921	23,058	22,593	52	53	92 988	10 677,546	159 590,652	14,946	14,481
3	4	99 291	87 635,756	2 015 713,380	23,001	22,536	53	54	92 387	10 176,038	148 913,105	14,634	14,168
4	5	99 270	84 045,373	1 928 077,624	22,941	22,476	54	55	91 717	9 690,363	138 737,067	14,317	13,852
5	6	99 252	80 604,388	1 844 032,250	22,878	22,412	55	56	90 973	9 219,972	129 046,704	13,996	13,531
6	7	99 236	77 305,686	1 763 427,863	22,811	22,346	56	57	90 150	8 764,067	119 826,732	13,673	13,207
7	8	99 222	74 143,926	1 686 122,177	22,741	22,276	57	58	89 242	8 322,154	111 062,665	13,345	12,880
8	9	99 205	71 109,265	1 611 978,251	22,669	22,204	58	59	88 242	7 893,364	102 740,511	13,016	12,551
9	10	99 192	68 201,478	1 540 869,015	22,593	22,128	59	60	87 154	7 478,271	94 847,147	12,683	12,218
10	11	99 179	65 412,194	1 472 667,538	22,514	22,048	60	61	85 954	7 074,610	87 368,876	12,350	11,884
11	12	99 164	62 736,012	1 407 255,344	22,431	21,966	61	62	84 657	6 683,813	80 294,266	12,013	11,548
12	13	99 151	60 170,467	1 344 519,331	22,345	21,880	62	63	83 248	6 304,583	73 610,453	11,676	11,210
13	14	99 134	57 707,803	1 284 348,864	22,256	21,791	63	64	81 713	5 936,080	67 305,870	11,338	10,873
14	15	99 116	55 344,957	1 226 641,061	22,164	21,698	64	65	80 057	5 578,677	61 369,790	11,001	10,536
15	16	99 092	53 075,984	1 171 296,104	22,068	21,603	65	66	78 293	5 233,341	55 791,113	10,661	10,195
16	17	99 064	50 897,794	1 118 220,120	21,970	21,505	66	67	76 416	4 899,636	50 557,771	10,319	9,853
17	18	99 029	48 805,331	1 067 322,326	21,869	21,404	67	68	74 429	4 577,692	45 658,136	9,974	9,509
18	19	98 986	46 795,586	1 018 516,995	21,765	21,300	68	69	72 338	4 267,684	41 080,443	9,626	9,161
19	20	98 932	44 863,150	971 721,409	21,660	21,194	69	70	70 098	3 966,969	36 812,759	9,280	8,815
20	21	98 875	43 009,790	926 858,259	21,550	21,085	70	71	67 759	3 678,265	32 845,791	8,930	8,464
21	22	98 818	41 232,367	883 848,470	21,436	20,971	71	72	65 319	3 401,242	29 167,525	8,576	8,110
22	23	98 761	39 528,801	842 616,103	21,317	20,851	72	73	62 738	3 133,668	25 766,284	8,222	7,757
23	24	98 704	37 895,220	803 087,302	21,192	20,727	73	74	60 066	2 877,925	22 632,616	7,864	7,399
24	25	98 646	36 329,088	765 192,082	21,063	20,598	74	75	57 274	2 632,238	19 754,691	7,505	7,040
25	26	98 582	34 825,311	728 862,994	20,929	20,464	75	76	54 371	2 396,975	17 122,452	7,143	6,678
26	27	98 521	33 384,868	694 037,682	20,789	20,324	76	77	51 346	2 171,351	14 725,477	6,782	6,316
27	28	98 457	32 003,029	660 652,814	20,643	20,178	77	78	48 241	1 956,841	12 554,126	6,416	5,950
28	29	98 389	30 677,240	628 649,785	20,492	20,027	78	79	45 039	1 752,478	10 597,285	6,047	5,582
29	30	98 319	29 405,741	597 972,545	20,335	19,870	79	80	41 699	1 556,384	8 844,807	5,683	5,218
30	31	98 243	28 185,057	568 566,804	20,173	19,707	80	81	38 238	1 369,035	7 288,424	5,324	4,859
31	32	98 159	27 013,047	540 381,747	20,004	19,539	81	82	34 646	1 189,851	5 919,389	4,975	4,510
32	33	98 070	25 888,233	513 368,700	19,830	19,365	82	83	30 964	1 020,042	4 729,538	4,637	4,171
33	34	97 976	24 808,975	487 480,467	19,649	19,184	83	84	27 224	860,293	3 709,495	4,312	3,847
34	35	97 870	23 771,814	462 671,491	19,463	18,998	84	85	23 474	711,549	2 849,202	4,004	3,539
35	36	97 755	22 776,035	438 899,677	19,270	18,805	85	86	19 797	575,606	2 137,653	3,714	3,249
36	37	97 635	21 820,611	416 123,642	19,070	18,605	86	87	16 263	453,584	1 562,047	3,444	2,979
37	38	97 499	20 901,997	394 303,031	18,864	18,399	87	88	12 971	347,029	1 108,463	3,194	2,729
38	39	97 348	20 018,778	373 401,034	18,653	18,187	88	89	10 018	257,079	761,434	2,962	2,497
39	40	97 186	19 170,673	353 382,256	18,433	17,968	89	90	7 447	183,312	504,355	2,751	2,286
40	41	97 012	18 356,273	334 211,583	18,207	17,742	90	91	5 302	125,197	321,043	2,564	2,099
41	42	96 821	17 573,255	315 855,311	17,974	17,508	91	92	3 611	81,797	195,846	2,394	1,929
42	43	96 603	16 818,803	298 282,056	17,735	17,270	92	93	2 344	50,929	114,050	2,239	1,774
43	44	96 380	16 095,892	281 463,254	17,487	17,021	93	94	1 438	29,972	63,121	2,106	1,641
44	45	96 135	15 400,503	265 367,362	17,231	16,766	94	95	837	16,727	33,149	1,982	1,517
45	46	95 865	14 731,188	249 966,859	16,969	16,503	95	96	456	8,736	16,423	1,880	1,415
46	47	95 572	14 087,378	235 235,670	16,698	16,233	96	97	233	4,282	7,687	1,795	1,330
47	48	95 251	13 467,676	221 148,292	16,421	15,955	97	98	113	1,986	3,405	1,714	1,249
48	49	94 884	12 868,960	207 680,616	16,138	15,673	98	99	51	0,865	1,419	1,640	1,175
49	50	94 476	12 291,196	194 811,656	15,850	15,384	99	100	22	0,353	0,554	1,567	1,102

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	2 299 798,199	23,070	22,605	50	52	93 830	11 709,449	180 706,112	15,433	14,967
1	3	99 338	95 288,285	2 200 109,563	23,089	22,624	51	53	93 322	11 171,312	168 996,663	15,128	14,663
2	4	99 304	91 372,430	2 104 821,278	23,036	22,570	52	54	92 757	10 651,081	157 825,350	14,818	14,353
3	5	99 282	87 627,689	2 013 448,847	22,977	22,512	53	55	92 132	10 148,011	147 174,269	14,503	14,038
4	6	99 263	84 039,663	1 925 821,158	22,916	22,450	54	56	91 431	9 660,203	137 026,258	14,185	13,719
5	7	99 245	80 598,502	1 841 781,495	22,851	22,386	55	57	90 665	9 188,794	127 366,055	13,861	13,396
6	8	99 231	77 302,004	1 761 182,993	22,783	22,318	56	58	89 811	8 731,147	118 177,261	13,535	13,070
7	9	99 215	74 138,583	1 683 880,989	22,713	22,247	57	59	88 870	8 287,421	109 446,115	13,206	12,741
8	10	99 200	71 105,456	1 609 742,407	22,639	22,174	58	60	87 833	7 856,783	101 158,694	12,875	12,410
9	11	99 187	68 197,686	1 538 636,951	22,561	22,096	59	61	86 708	7 439,931	93 301,911	12,541	12,075
10	12	99 171	65 407,163	1 470 439,264	22,481	22,016	60	62	85 474	7 035,090	85 861,980	12,205	11,740
11	13	99 158	62 732,047	1 405 032,101	22,397	21,932	61	63	84 139	6 642,895	78 826,890	11,866	11,401
12	14	99 143	60 165,711	1 342 300,053	22,310	21,845	62	64	82 685	6 261,963	72 183,995	11,527	11,062
13	15	99 125	57 702,480	1 282 134,342	22,220	21,755	63	65	81 108	5 892,101	65 922,032	11,188	10,723
14	16	99 104	55 338,550	1 224 431,862	22,126	21,661	64	66	79 415	5 533,971	60 029,931	10,848	10,382
15	17	99 079	53 069,199	1 169 093,313	22,030	21,564	65	67	77 607	5 187,509	54 495,959	10,505	10,040
16	18	99 051	50 891,195	1 116 024,114	21,930	21,464	66	68	75 701	4 853,785	49 308,451	10,159	9,694
17	19	99 012	48 797,409	1 065 132,919	21,828	21,362	67	69	73 670	4 530,982	44 454,665	9,811	9,346
18	20	98 970	46 787,894	1 016 335,510	21,722	21,257	68	70	71 502	4 218,408	39 923,684	9,464	8,999
19	21	98 915	44 855,806	969 547,616	21,615	21,150	69	71	69 218	3 917,176	35 705,276	9,115	8,650
20	22	98 859	43 002,487	924 691,810	21,503	21,038	70	72	66 823	3 627,452	31 788,099	8,763	8,298
21	23	98 801	41 225,449	881 689,323	21,387	20,922	71	73	64 342	3 350,400	28 160,647	8,405	7,940
22	24	98 745	39 522,336	840 463,874	21,266	20,800	72	74	61 688	3 081,222	24 810,247	8,052	7,587
23	25	98 688	37 888,995	800 941,538	21,139	20,674	73	75	58 974	2 825,570	21 729,025	7,690	7,225
24	26	98 627	36 322,025	763 052,543	21,008	20,543	74	76	56 121	2 579,278	18 903,455	7,329	6,864
25	27	98 564	34 819,104	726 730,518	20,872	20,406	75	77	53 167	2 343,885	16 324,177	6,965	6,499
26	28	98 500	33 377,866	691 911,414	20,730	20,264	76	78	50 117	2 119,372	13 980,292	6,596	6,131
27	29	98 433	31 995,412	658 533,548	20,582	20,117	77	79	46 928	1 903,601	11 860,920	6,231	5,766
28	30	98 365	30 669,670	626 538,135	20,429	19,963	78	80	43 651	1 698,487	9 957,319	5,862	5,397
29	31	98 291	29 397,425	595 868,465	20,269	19,804	79	81	40 229	1 501,503	8 258,833	5,500	5,035
30	32	98 211	28 175,982	566 471,040	20,105	19,640	80	82	36 693	1 313,705	6 757,330	5,144	4,679
31	33	98 126	27 003,973	538 295,058	19,934	19,469	81	83	33 018	1 133,925	5 443,624	4,801	4,335
32	34	98 036	25 879,166	511 291,085	19,757	19,292	82	84	29 255	963,740	4 309,699	4,472	4,007
33	35	97 938	24 799,503	485 411,919	19,573	19,108	83	85	25 488	805,417	3 345,959	4,154	3,689
34	36	97 824	23 760,714	460 612,415	19,385	18,920	84	86	21 744	659,112	2 540,542	3,854	3,389
35	37	97 709	22 765,174	436 851,701	19,189	18,724	85	87	18 108	526,519	1 881,430	3,573	3,108
36	38	97 586	21 809,593	414 086,527	18,986	18,521	86	88	14 651	408,637	1 354,911	3,316	2,850
37	39	97 445	20 890,415	392 276,934	18,778	18,313	87	89	11 502	307,709	946,274	3,075	2,610
38	40	97 285	20 005,753	371 386,519	18,564	18,099	88	90	8 727	223,965	638,565	2,851	2,386
39	41	97 124	19 158,535	351 380,766	18,341	17,875	89	91	6 351	156,344	414,599	2,652	2,187
40	42	96 941	18 342,818	332 222,231	18,112	17,647	90	92	4 422	104,423	258,256	2,473	2,008
41	43	96 743	17 559,076	313 879,412	17,876	17,410	91	93	2 933	66,423	153,833	2,316	1,851
42	44	96 516	16 803,738	296 320,336	17,634	17,169	92	94	1 853	40,261	87,409	2,171	1,706
43	45	96 289	16 080,668	279 516,599	17,382	16,917	93	95	1 108	23,094	47,148	2,042	1,576
44	46	96 032	15 383,937	263 435,931	17,124	16,659	94	96	624	12,474	24,054	1,928	1,463
45	47	95 752	14 713,744	248 051,994	16,859	16,393	95	97	328	6,296	11,580	1,839	1,374
46	48	95 447	14 069,073	233 338,250	16,585	16,120	96	98	164	3,020	5,284	1,750	1,284
47	49	95 106	13 447,245	219 269,177	16,306	15,841	97	99	77	1,352	2,264	1,674	1,209
48	50	94 725	12 847,288	205 821,932	16,021	15,555	98	100	34	0,568	0,912	1,605	1,139
49	51	94 302	12 268,532	192 974,644	15,729	15,264							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	2 297 327,089	23,048	22,583	50	53	93 623	11 683,637	178 752,859	15,299	14,834
1	4	99 328	95 278,785	2 197 651,552	23,065	22,600	51	54	93 091	11 143,623	167 069,222	14,992	14,527
2	5	99 295	91 364,019	2 102 372,767	23,011	22,546	52	55	92 502	10 621,745	155 925,598	14,680	14,215
3	6	99 275	87 621,735	2 011 008,748	22,951	22,486	53	56	91 846	10 116,426	145 303,853	14,363	13,898
4	7	99 256	84 033,527	1 923 387,013	22,888	22,423	54	57	91 122	9 627,536	135 187,426	14,042	13,577
5	8	99 240	80 594,663	1 839 353,486	22,822	22,357	55	58	90 325	9 154,278	125 559,890	13,716	13,251
6	9	99 224	77 296,433	1 758 758,822	22,753	22,288	56	59	89 436	8 694,706	116 405,612	13,388	12,923
7	10	99 210	74 134,642	1 681 462,390	22,681	22,216	57	60	88 458	8 249,013	107 710,906	13,057	12,592
8	11	99 194	71 101,503	1 607 327,747	22,606	22,141	58	61	87 382	7 816,502	99 461,893	12,725	12,259
9	12	99 179	68 192,442	1 536 226,244	22,528	22,063	59	62	86 223	7 398,371	91 645,390	12,387	11,922
10	13	99 165	65 403,030	1 468 033,803	22,446	21,981	60	63	84 951	6 992,022	84 247,020	12,049	11,584
11	14	99 150	62 727,089	1 402 630,773	22,361	21,896	61	64	83 570	6 597,988	77 254,998	11,709	11,244
12	15	99 134	60 160,161	1 339 903,684	22,272	21,807	62	65	82 072	6 215,569	70 660,642	11,368	10,903
13	16	99 114	57 695,799	1 279 743,523	22,181	21,716	63	66	80 458	5 844,884	64 441,441	11,025	10,560
14	17	99 092	55 331,475	1 222 047,723	22,086	21,621	64	67	78 720	5 485,506	58 596,557	10,682	10,217
15	18	99 067	53 062,318	1 166 716,248	21,988	21,522	65	68	76 881	5 138,965	53 111,051	10,335	9,870
16	19	99 035	50 882,527	1 113 653,930	21,887	21,421	66	69	74 928	4 804,257	47 972,087	9,985	9,520
17	20	98 996	48 789,388	1 062 770,996	21,783	21,318	67	70	72 819	4 478,666	43 167,829	9,639	9,173
18	21	98 954	46 780,236	1 013 981,607	21,675	21,210	68	71	70 605	4 165,460	38 689,164	9,288	8,823
19	22	98 899	44 848,190	967 201,372	21,566	21,101	69	72	68 262	3 863,063	34 523,704	8,937	8,472
20	23	98 842	42 995,272	922 353,182	21,452	20,987	70	73	65 824	3 573,229	30 660,642	8,581	8,115
21	24	98 785	41 218,706	879 357,910	21,334	20,869	71	74	63 266	3 294,328	27 087,412	8,222	7,757
22	25	98 729	39 515,844	838 139,203	21,210	20,745	72	75	60 566	3 025,169	23 793,085	7,865	7,400
23	26	98 668	37 881,629	798 623,360	21,082	20,617	73	76	57 787	2 768,719	20 767,916	7,501	7,036
24	27	98 609	36 315,551	760 741,731	20,948	20,483	74	77	54 878	2 522,150	17 999,197	7,136	6,671
25	28	98 544	34 811,801	724 426,180	20,810	20,345	75	78	51 894	2 287,776	15 477,047	6,765	6,300
26	29	98 477	33 369,922	689 614,379	20,666	20,201	76	79	48 754	2 061,709	13 189,271	6,397	5,932
27	30	98 409	31 987,517	656 244,457	20,516	20,050	77	80	45 482	1 844,954	11 127,562	6,031	5,566
28	31	98 337	30 660,997	624 256,939	20,360	19,895	78	81	42 112	1 638,595	9 282,608	5,665	5,200
29	32	98 260	29 387,959	593 595,942	20,199	19,733	79	82	38 603	1 440,820	7 644,012	5,305	4,840
30	33	98 178	28 166,517	564 207,983	20,031	19,566	80	83	34 968	1 251,958	6 203,193	4,955	4,490
31	34	98 092	26 994,516	536 041,466	19,857	19,392	81	84	31 195	1 071,337	4 951,235	4,622	4,156
32	35	97 998	25 869,286	509 046,950	19,678	19,212	82	85	27 389	902,265	3 879,898	4,300	3,835
33	36	97 893	24 787,924	483 177,665	19,492	19,027	83	86	23 610	746,063	2 977,633	3,991	3,526
34	37	97 777	23 749,384	458 389,741	19,301	18,836	84	87	19 890	602,904	2 231,570	3,701	3,236
35	38	97 659	22 753,679	434 640,357	19,102	18,637	85	88	16 314	474,344	1 628,666	3,434	2,968
36	39	97 532	21 797,508	411 886,678	18,896	18,431	86	89	12 991	362,336	1 154,322	3,186	2,721
37	40	97 382	20 876,823	390 089,170	18,685	18,220	87	90	10 020	268,074	791,985	2,954	2,489
38	41	97 223	19 993,087	369 212,347	18,467	18,002	88	91	7 443	191,016	523,911	2,743	2,278
39	42	97 053	19 144,493	349 219,260	18,241	17,776	89	92	5 297	130,402	332,895	2,553	2,088
40	43	96 863	18 328,019	330 074,767	18,009	17,544	90	93	3 591	84,797	202,493	2,388	1,923
41	44	96 657	17 543,348	311 746,749	17,770	17,305	91	94	2 318	52,510	117,696	2,241	1,776
42	45	96 425	16 787,844	294 203,401	17,525	17,060	92	95	1 428	31,023	65,185	2,101	1,636
43	46	96 185	16 063,370	277 415,556	17,270	16,805	93	96	826	17,223	34,162	1,984	1,518
44	47	95 918	15 365,720	261 352,186	17,009	16,544	94	97	450	8,990	16,940	1,884	1,419
45	48	95 627	14 694,625	245 986,467	16,740	16,275	95	98	232	4,440	7,950	1,790	1,325
46	49	95 303	14 047,729	231 291,841	16,465	15,999	96	99	112	2,057	3,510	1,707	1,241
47	50	94 946	13 424,598	217 244,112	16,183	15,717	97	100	50	0,888	1,453	1,636	1,171
48	51	94 550	12 823,599	203 819,514	15,894	15,429							
49	52	94 106	12 243,056	190 995,915	15,600	15,135							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	2 294 674,361	23,024	22,559	50	54	93 391	11 654,678	176 653,876	15,157	14,692
1	5	99 319	95 270,014	2 195 008,762	23,040	22,575	51	55	92 834	11 112,931	164 999,197	14,847	14,382
2	6	99 288	91 357,812	2 099 738,748	22,984	22,518	52	56	92 214	10 588,686	153 886,267	14,533	14,068
3	7	99 268	87 615,338	2 008 380,936	22,923	22,457	53	57	91 535	10 082,217	143 297,580	14,213	13,748
4	8	99 251	84 029,524	1 920 765,598	22,858	22,393	54	58	90 780	9 591,372	133 215,363	13,889	13,424
5	9	99 233	80 588,855	1 836 736,074	22,791	22,326	55	59	89 948	9 116,072	123 623,991	13,561	13,096
6	10	99 219	77 292,324	1 756 147,219	22,721	22,256	56	60	89 022	8 654,411	114 507,919	13,231	12,766
7	11	99 204	74 130,521	1 678 854,895	22,647	22,182	57	61	88 005	8 206,722	105 853,508	12,898	12,433
8	12	99 187	71 096,035	1 604 724,374	22,571	22,106	58	62	86 894	7 772,838	97 646,786	12,563	12,097
9	13	99 173	68 188,132	1 533 628,339	22,491	22,026	59	63	85 695	7 353,078	89 873,948	12,223	11,757
10	14	99 157	65 397,860	1 465 440,207	22,408	21,943	60	64	84 376	6 944,754	82 520,870	11,882	11,417
11	15	99 141	62 721,303	1 400 042,346	22,322	21,856	61	65	82 951	6 549,105	75 576,115	11,540	11,075
12	16	99 122	60 153,196	1 337 321,044	22,232	21,767	62	66	81 415	6 165,759	69 027,010	11,195	10,730
13	17	99 101	57 688,424	1 277 167,847	22,139	21,674	63	67	79 753	5 793,696	62 861,251	10,850	10,385
14	18	99 079	55 324,301	1 219 479,424	22,042	21,577	64	68	77 983	5 434,173	57 067,555	10,502	10,036
15	19	99 050	53 053,705	1 164 155,123	21,943	21,478	65	69	76 097	5 086,527	51 633,382	10,151	9,686
16	20	99 019	50 874,571	1 111 101,418	21,840	21,375	66	70	74 063	4 748,886	46 546,856	9,802	9,337
17	21	98 980	48 781,403	1 060 226,847	21,734	21,269	67	71	71 905	4 422,450	41 798,070	9,451	8,986
18	22	98 937	46 772,292	1 011 445,444	21,625	21,160	68	72	69 630	4 107,916	37 375,619	9,098	8,633
19	23	98 882	44 840,665	964 673,152	21,513	21,048	69	73	67 242	3 805,318	33 267,703	8,742	8,277
20	24	98 826	42 988,240	919 832,486	21,397	20,932	70	74	64 723	3 513,427	29 462,385	8,386	7,920
21	25	98 769	41 211,935	876 844,247	21,276	20,811	71	75	62 115	3 234,397	25 948,958	8,023	7,558
22	26	98 710	39 508,161	835 632,311	21,151	20,686	72	76	59 347	2 964,302	22 714,561	7,663	7,197
23	27	98 651	37 874,877	796 124,150	21,020	20,555	73	77	56 507	2 707,396	19 750,259	7,295	6,830
24	28	98 589	36 307,934	758 249,273	20,884	20,419	74	78	53 564	2 461,773	17 042,863	6,923	6,458
25	29	98 520	34 803,516	721 941,339	20,743	20,278	75	79	50 482	2 225,531	14 581,090	6,552	6,087
26	30	98 452	33 361,688	687 137,823	20,597	20,131	76	80	47 252	1 998,191	12 355,558	6,183	5,718
27	31	98 381	31 978,472	653 776,135	20,444	19,979	77	81	43 879	1 779,898	10 357,367	5,819	5,354
28	32	98 305	30 651,124	621 797,664	20,286	19,821	78	82	40 410	1 572,371	8 577,469	5,455	4,990
29	33	98 227	29 378,087	591 146,540	20,122	19,657	79	83	36 788	1 373,098	7 005,098	5,102	4,636
30	34	98 144	28 156,652	561 768,452	19,952	19,486	80	84	33 038	1 182,855	5 632,000	4,761	4,296
31	35	98 055	26 984,210	533 611,800	19,775	19,310	81	85	29 205	1 002,999	4 449,145	4,436	3,971
32	36	97 953	25 857,206	506 627,590	19,593	19,128	82	86	25 370	835,774	3 446,146	4,123	3,658
33	37	97 846	24 776,103	480 770,384	19,405	18,939	83	87	21 596	682,440	2 610,373	3,825	3,360
34	38	97 728	23 737,392	455 994,281	19,210	18,745	84	88	17 919	543,159	1 927,933	3,549	3,084
35	39	97 605	22 741,071	432 256,889	19,008	18,543	85	89	14 466	420,599	1 384,774	3,292	2,827
36	40	97 468	21 783,325	409 515,817	18,800	18,334	86	90	11 318	315,665	964,175	3,054	2,589
37	41	97 320	20 863,606	387 732,492	18,584	18,119	87	91	8 546	228,636	648,509	2,836	2,371
38	42	97 152	19 978,433	366 868,887	18,363	17,898	88	92	6 208	159,321	419,874	2,635	2,170
39	43	96 975	19 129,046	346 890,454	18,134	17,669	89	93	4 302	105,893	260,552	2,461	1,995
40	44	96 776	18 311,602	327 761,407	17,899	17,434	90	94	2 839	67,036	154,659	2,307	1,842
41	45	96 565	17 526,755	309 449,805	17,656	17,191	91	95	1 786	40,462	87,623	2,166	1,700
42	46	96 321	16 769,786	291 923,050	17,408	16,942	92	96	1 065	23,135	47,162	2,039	1,573
43	47	96 071	16 044,348	275 153,264	17,150	16,684	93	97	596	12,412	24,026	1,936	1,471
44	48	95 793	15 345,754	259 108,916	16,885	16,420	94	98	317	6,340	11,614	1,832	1,367
45	49	95 482	14 672,332	243 763,162	16,614	16,149	95	99	158	3,024	5,274	1,744	1,279
46	50	95 142	14 024,072	229 090,830	16,336	15,870	96	100	73	1,351	2,250	1,666	1,201
47	51	94 771	13 399,845	215 066,758	16,050	15,585							
48	52	94 354	12 796,971	201 666,914	15,759	15,294							
49	53	93 898	12 216,068	188 869,943	15,461	14,996							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	2 291 827,013	22,997	22,532	50	55	93 133	11 622,578	174 404,318	15,006	14,540
1	6	99 312	95 263,541	2 192 170,588	23,012	22,546	51	56	92 545	11 078,343	162 781,740	14,694	14,228
2	7	99 281	91 351,141	2 096 907,047	22,954	22,489	52	57	91 902	10 552,880	151 703,397	14,376	13,910
3	8	99 263	87 611,165	2 005 555,906	22,892	22,426	53	58	91 191	10 044,345	141 150,517	14,053	13,588
4	9	99 244	84 023,469	1 917 944,741	22,826	22,361	54	59	90 401	9 551,342	131 106,172	13,726	13,261
5	10	99 228	80 584,572	1 833 921,273	22,758	22,293	55	60	89 531	9 073,824	121 554,830	13,396	12,931
6	11	99 213	77 288,027	1 753 336,701	22,686	22,221	56	61	88 566	8 610,042	112 481,006	13,064	12,599
7	12	99 196	74 124,820	1 676 048,674	22,611	22,146	57	62	87 513	8 160,877	103 870,964	12,728	12,263
8	13	99 181	71 091,542	1 601 923,853	22,533	22,068	58	63	86 362	7 725,253	95 710,087	12,389	11,924
9	14	99 165	68 182,742	1 530 832,312	22,452	21,987	59	64	85 116	7 303,370	87 984,833	12,047	11,582
10	15	99 148	65 391,828	1 462 649,569	22,367	21,902	60	65	83 751	6 893,302	80 681,463	11,704	11,239
11	16	99 129	62 714,041	1 397 257,742	22,280	21,815	61	66	82 286	6 496,622	73 788,161	11,358	10,893
12	17	99 110	60 145,506	1 334 543,700	22,189	21,723	62	67	80 702	6 111,761	67 291,539	11,010	10,545
13	18	99 088	57 680,944	1 274 398,194	22,094	21,629	63	68	79 007	5 739,479	61 179,778	10,659	10,194
14	19	99 063	55 315,321	1 216 717,250	21,996	21,531	64	69	77 188	5 378,723	55 440,299	10,307	9,842
15	20	99 034	53 044,985	1 161 401,929	21,895	21,429	65	70	75 218	5 027,796	50 061,576	9,957	9,492
16	21	99 003	50 866,244	1 108 356,945	21,790	21,324	66	71	73 134	4 689,180	4 689,180	9,604	9,139
17	22	98 963	48 773,120	1 057 490,701	21,682	21,217	67	72	70 912	4 361,357	40 344,599	9,250	8,785
18	23	98 920	46 764,445	1 008 717,581	21,570	21,105	68	73	68 589	4 046,511	35 983,243	8,892	8,427
19	24	98 866	44 833,331	961 953,136	21,456	20,991	69	74	66 116	3 741,632	31 936,732	8,536	8,070
20	25	98 810	42 981,178	917 119,805	21,338	20,872	70	75	63 545	3 449,511	28 195,100	8,174	7,708
21	26	98 750	41 203,923	874 138,627	21,215	20,750	71	76	60 865	3 169,321	24 745,589	7,808	7,343
22	27	98 692	39 501,119	832 934,704	21,086	20,621	72	77	58 033	2 898,646	21 576,268	7,444	6,978
23	28	98 630	37 866,933	793 433,584	20,953	20,488	73	78	55 155	2 642,585	18 677,622	7,068	6,603
24	29	98 565	36 299,293	755 566,652	20,815	20,350	74	79	52 107	2 394,795	16 035,037	6,696	6,231
25	30	98 496	34 794,928	719 267,359	20,672	20,206	75	80	48 927	2 156,966	13 640,242	6,324	5,859
26	31	98 424	33 352,254	684 472,431	20,523	20,057	76	81	45 586	1 927,732	11 483,276	5,957	5,492
27	32	98 349	31 968,174	651 120,177	20,368	19,903	77	82	42 105	1 707,963	9 555,544	5,595	5,129
28	33	98 272	30 640,828	619 152,003	20,207	19,742	78	83	38 511	1 498,466	7 847,581	5,237	4,772
29	34	98 192	29 367,798	588 511,175	20,039	19,574	79	84	34 758	1 297,308	6 349,115	4,894	4,429
30	35	98 106	28 145,902	559 143,376	19,866	19,401	80	85	30 931	1 107,403	5 051,807	4,562	4,097
31	36	98 009	26 971,610	530 997,474	19,687	19,222	81	86	27 053	929,084	3 944,403	4,245	3,780
32	37	97 906	25 844,876	504 025,864	19,502	19,037	82	87	23 207	764,500	3 015,319	3,944	3,479
33	38	97 797	24 763,593	478 180,988	19,310	18,845	83	88	19 456	614,813	2 250,819	3,661	3,196
34	39	97 674	23 724,239	453 417,395	19,112	18,647	84	89	15 889	481,617	1 636,006	3,397	2,932
35	40	97 542	22 726,275	429 693,156	18,907	18,442	85	90	12 602	366,423	1 154,388	3,150	2,685
36	41	97 406	21 769,534	406 966,881	18,694	18,229	86	91	9 653	269,225	787,965	2,927	2,462
37	42	97 249	20 848,314	385 197,348	18,476	18,011	87	92	7 128	190,699	518,740	2,720	2,255
38	43	97 074	19 962,313	364 349,034	18,252	17,787	88	93	5 041	129,378	328,041	2,536	2,070
39	44	96 888	19 111,913	344 386,721	18,019	17,554	89	94	3 401	83,713	198,663	2,373	1,908
40	45	96 685	18 294,282	325 274,808	17,780	17,315	90	95	2 188	51,654	114,950	2,225	1,760
41	46	96 461	17 507,902	306 980,526	17,534	17,069	91	96	1 332	30,174	63,297	2,098	1,632
42	47	96 207	16 749,928	289 472,624	17,282	16,817	92	97	767	16,673	33,122	1,987	1,521
43	48	95 946	16 023,501	272 722,696	17,020	16,555	93	98	420	8,754	16,449	1,879	1,414
44	49	95 648	15 322,473	256 699,196	16,753	16,288	94	99	216	4,317	7,695	1,782	1,317
45	50	95 321	14 647,623	241 376,723	16,479	16,014	95	100	104	1,986	3,378	1,701	1,236
46	51	94 967	13 998,213	226 729,100	16,197	15,732							
47	52	94 574	13 372,020	212 730,888	15,909	15,443							
48	53	94 146	12 768,761	199 358,868	15,613	15,148							
49	54	93 666	12 185,789	186 590,107	15,312	14,847							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	2 288 774,496	22,968	22,503	50	56	92 844	11 586,404	171 999,637	14,845	14,380
1	7	99 305	95 256,586	2 189 124,842	22,981	22,516	51	57	92 232	11 040,881	160 413,233	14,529	14,064
2	8	99 276	91 346,790	2 093 868,257	22,922	22,457	52	58	91 557	10 513,240	149 372,352	14,208	13,743
3	9	99 256	87 604,851	2 002 521,466	22,859	22,393	53	59	90 811	10 002,424	138 859,112	13,883	13,417
4	10	99 239	84 019,003	1 914 916,616	22,791	22,326	54	60	89 982	9 507,076	128 856,688	13,554	13,089
5	11	99 222	80 580,092	1 830 897,613	22,721	22,256	55	61	89 072	9 027,304	119 349,611	13,221	12,756
6	12	99 205	77 282,084	1 750 317,521	22,648	22,183	56	62	88 071	8 561,944	110 322,307	12,885	12,420
7	13	99 190	74 120,136	1 673 035,438	22,572	22,107	57	63	86 977	8 110,917	101 760,362	12,546	12,081
8	14	99 173	71 085,923	1 598 915,302	22,493	22,027	58	64	85 779	7 673,029	93 649,445	12,205	11,740
9	15	99 156	68 176,453	1 527 829,379	22,410	21,945	59	65	84 485	7 249,261	85 976,416	11,860	11,395
10	16	99 137	65 384,257	1 459 652,927	22,324	21,859	60	66	83 080	6 838,061	78 727,155	11,513	11,048
11	17	99 117	62 706,024	1 394 268,670	22,235	21,770	61	67	81 566	6 439,726	71 889,094	11,163	10,698
12	18	99 097	60 137,708	1 331 562,646	22,142	21,677	62	68	79 946	6 054,568	65 449,367	10,810	10,345
13	19	99 072	57 671,581	1 271 424,938	22,046	21,581	63	69	78 201	5 680,913	59 394,799	10,455	9,990
14	20	99 046	55 306,229	1 213 753,356	21,946	21,481	64	70	76 296	5 316,619	53 713,886	10,103	9,638
15	21	99 018	53 036,302	1 158 447,128	21,843	21,377	65	71	74 274	4 964,689	48 397,268	9,748	9,283
16	22	98 986	50 857,607	1 105 410,825	21,735	21,270	66	72	72 123	4 624,402	43 432,579	9,392	8,927
17	23	98 947	48 764,937	1 054 553,219	21,625	21,160	67	73	69 852	4 296,163	38 808,178	9,033	8,568
18	24	98 904	46 756,796	1 005 788,282	21,511	21,046	68	74	67 441	3 978,789	34 512,014	8,674	8,209
19	25	98 850	44 825,967	959 031,486	21,395	20,929	69	75	64 914	3 673,564	30 533,226	8,312	7,846
20	26	98 790	42 972,822	914 205,519	21,274	20,809	70	76	62 267	3 380,107	26 859,662	7,946	7,481
21	27	98 732	41 196,579	871 232,697	21,148	20,683	71	77	59 517	3 099,124	23 479,555	7,576	7,111
22	28	98 671	39 492,834	830 036,118	21,017	20,552	72	78	56 643	2 829,257	20 380,431	7,203	6,738
23	29	98 607	37 857,921	790 543,284	20,882	20,417	73	79	53 654	2 570,687	17 551,174	6,827	6,362
24	30	98 541	36 290,336	752 685,364	20,741	20,275	74	80	50 502	2 321,015	14 980,487	6,454	5,989
25	31	98 468	34 785,088	716 395,028	20,595	20,130	75	81	47 202	2 080,908	12 659,472	6,084	5,618
26	32	98 393	33 341,514	681 609,939	20,443	19,978	76	82	43 743	1 849,822	10 578,563	5,719	5,253
27	33	98 316	31 957,436	648 268,425	20,285	19,820	77	83	40 126	1 627,685	8 728,741	5,363	4,897
28	34	98 238	30 630,097	616 310,989	20,121	19,656	78	84	36 385	1 415,757	7 101,057	5,016	4,551
29	35	98 155	29 356,586	585 680,892	19,951	19,485	79	85	32 541	1 214,556	5 685,300	4,681	4,216
30	36	98 061	28 132,760	556 324,307	19,775	19,310	80	86	28 651	1 025,794	4 470,744	4,358	3,893
31	37	97 962	26 958,748	528 191,547	19,593	19,127	81	87	24 746	849,853	3 444,950	4,054	3,588
32	38	97 856	25 831,826	501 232,799	19,404	18,938	82	88	20 907	688,742	2 595,096	3,768	3,303
33	39	97 742	24 749,871	475 400,972	19,208	18,743	83	89	17 252	545,153	1 906,354	3,497	3,032
34	40	97 610	23 708,803	450 651,101	19,008	18,543	84	90	13 842	419,582	1 361,202	3,244	2,779
35	41	97 480	22 711,886	426 942,298	18,798	18,333	85	91	10 748	312,516	941,620	3,013	2,548
36	42	97 335	21 753,578	404 230,412	18,582	18,117	86	92	8 051	224,553	629,104	2,802	2,336
37	43	97 171	20 831,492	382 476,834	18,361	17,895	87	93	5 788	154,858	404,550	2,612	2,147
38	44	96 987	19 944,433	361 645,342	18,133	17,667	88	94	3 985	102,278	249,692	2,441	1,976
39	45	96 797	19 093,836	341 700,909	17,896	17,431	89	95	2 620	64,505	147,414	2,285	1,820
40	46	96 581	18 274,604	322 607,073	17,653	17,188	90	96	1 631	38,521	82,910	2,152	1,687
41	47	96 347	17 487,169	304 332,469	17,403	16,938	91	97	960	21,746	44,389	2,041	1,576
42	48	96 082	16 728,163	286 845,300	17,147	16,682	92	98	541	11,759	22,643	1,926	1,460
43	49	95 801	15 999,191	270 117,137	16,883	16,418	93	99	286	5,961	10,884	1,826	1,361
44	50	95 487	15 296,669	254 117,946	16,613	16,147	94	100	142	2,835	4,923	1,736	1,271
45	51	95 146	14 620,614	238 821,277	16,335	15,869							
46	52	94 770	13 969,145	224 200,663	16,050	15,584							
47	53	94 366	13 342,542	210 231,518	15,756	15,291							
48	54	93 912	12 737,112	196 888,975	15,458	14,993							
49	55	93 408	12 152,226	184 151,863	15,154	14,689							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	2 285 504,587	22,937	22,472	50	57	92 530	11 547,224	169 436,566	14,673	14,208
1	8	99 300	95 252,049	2 185 862,209	22,948	22,483	51	58	91 886	10 999,408	157 889,342	14,354	13,889
2	9	99 269	91 340,207	2 090 610,160	22,888	22,423	52	59	91 175	10 469,362	146 889,934	14,030	13,565
3	10	99 251	87 600,194	1 999 269,953	22,823	22,357	53	60	90 390	9 956,068	136 420,572	13,702	13,237
4	11	99 233	84 014,332	1 911 669,759	22,754	22,289	54	61	89 520	9 458,336	126 464,503	13,371	12,905
5	12	99 214	80 573,895	1 827 655,427	22,683	22,218	55	62	88 575	8 976,876	117 006,168	13,034	12,569
6	13	99 199	77 277,200	1 747 081,533	22,608	22,143	56	63	87 532	8 509,529	108 029,291	12,695	12,230
7	14	99 182	74 114,277	1 669 804,333	22,530	22,065	57	64	86 389	8 056,086	99 519,763	12,353	11,888
8	15	99 164	71 079,365	1 595 690,056	22,449	21,984	58	65	85 143	7 616,181	91 463,677	12,009	11,544
9	16	99 145	68 168,560	1 524 610,691	22,365	21,900	59	66	83 808	7 191,168	83 847,495	11,660	11,195
10	17	99 124	65 375,898	1 456 442,131	22,278	21,813	60	67	82 352	6 778,175	76 656,328	11,309	10,844
11	18	99 104	62 697,894	1 391 066,233	22,187	21,722	61	68	80 802	6 379,464	69 878,153	10,954	10,488
12	19	99 081	60 127,947	1 328 368,339	22,092	21,627	62	69	79 131	5 992,787	63 498,689	10,596	10,131
13	20	99 056	57 662,102	1 268 240,392	21,994	21,529	63	70	77 298	5 615,320	57 505,902	10,241	9,776
14	21	99 030	55 297,176	1 210 578,290	21,892	21,427	64	71	75 339	5 249,886	51 890,582	9,884	9,419
15	22	99 001	53 027,297	1 155 281,114	21,787	21,321	65	72	73 248	4 896,104	46 640,696	9,526	9,061
16	23	98 969	50 849,074	1 102 253,817	21,677	21,212	66	73	71 045	4 555,277	41 744,592	9,164	8,699
17	24	98 930	48 756,961	1 051 404,743	21,564	21,099	67	74	68 683	4 224,263	37 189,316	8,804	8,339
18	25	98 888	46 749,116	1 002 647,783	21,447	20,982	68	75	66 214	3 906,406	32 965,053	8,439	7,973
19	26	98 830	44 817,252	955 898,667	21,329	20,864	69	76	63 608	3 599,652	29 058,647	8,073	7,607
20	27	98 773	42 965,163	911 081,415	21,205	20,740	70	77	60 887	3 305,241	25 458,995	7,703	7,237
21	28	98 711	41 187,938	868 116,253	21,077	20,612	71	78	58 092	3 024,936	22 153,754	7,324	6,858
22	29	98 648	39 483,435	826 928,315	20,944	20,478	72	79	55 102	2 752,280	19 128,818	6,950	6,485
23	30	98 582	37 848,579	787 444,880	20,805	20,340	73	80	52 001	2 491,488	16 376,538	6,573	6,108
24	31	98 513	36 280,073	749 596,301	20,661	20,196	74	81	48 721	2 239,173	13 885,050	6,201	5,736
25	32	98 436	34 773,887	713 316,228	20,513	20,048	75	82	45 294	1 996,808	11 645,877	5,832	5,367
26	33	98 360	33 330,314	678 542,340	20,358	19,893	76	83	41 687	1 762,876	9 649,069	5,473	5,008
27	34	98 282	31 946,244	645 212,026	20,197	19,732	77	84	37 911	1 537,843	7 886,193	5,128	4,663
28	35	98 200	30 618,403	613 265,782	20,029	19,564	78	85	34 064	1 325,449	6 348,350	4,790	4,324
29	36	98 109	29 342,878	582 647,380	19,857	19,391	79	86	30 143	1 125,051	5 022,901	4,465	3,999
30	37	98 014	28 119,345	553 304,501	19,677	19,212	80	87	26 208	938,316	3 897,851	4,154	3,689
31	38	97 913	26 945,136	525 185,157	19,491	19,026	81	88	22 294	765,637	2 959,535	3,865	3,400
32	39	97 802	25 817,513	498 240,021	19,299	18,833	82	89	18 538	610,705	2 193,897	3,592	3,127
33	40	97 679	24 733,768	472 422,508	19,100	18,635	83	90	15 030	474,934	1 583,192	3,334	2,868
34	41	97 549	23 693,792	447 688,740	18,895	18,430	84	91	11 806	357,854	1 108,259	3,097	2,632
35	42	97 409	22 695,240	423 994,948	18,682	18,217	85	92	8 965	260,661	750,405	2,879	2,414
36	43	97 256	21 736,026	401 299,709	18,462	17,997	86	93	6 538	182,350	489,744	2,686	2,221
37	44	97 084	20 812,834	379 563,683	18,237	17,772	87	94	4 576	122,421	307,394	2,511	2,046
38	45	96 895	19 925,569	358 750,849	18,005	17,539	88	95	3 071	78,810	184,973	2,347	1,882
39	46	96 692	19 073,297	338 825,280	17,764	17,299	89	96	1 954	48,104	106,163	2,207	1,742
40	47	96 466	18 252,963	319 751,983	17,518	17,053	90	97	1 176	27,761	58,059	2,091	1,626
41	48	96 222	17 464,447	301 499,020	17,264	16,798	91	98	677	15,337	30,298	1,976	1,510
42	49	95 936	16 702,785	284 034,573	17,005	16,540	92	99	369	8,008	14,961	1,868	1,403
43	50	95 639	15 972,248	267 331,789	16,737	16,272	93	100	188	3,915	6,953	1,776	1,311
44	51	95 311	15 268,463	251 359,541	16,463	15,997							
45	52	94 948	14 590,254	236 091,078	16,181	15,716							
46	53	94 561	13 938,351	221 500,824	15,891	15,426							
47	54	94 132	13 309,472	207 562,472	15,595	15,130							
48	55	93 654	12 702,031	194 253,000	15,293	14,828							
49	56	93 117	12 114,404	181 550,969	14,986	14,521							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	2 282 008,051	22,903	22,438	50	58	92 182	11 503,849	166 711,058	14,492	14,027
1	9	99 293	95 245,184	2 182 370,420	22,913	22,448	51	59	91 502	10 953,501	155 207,209	14,170	13,704
2	10	99 264	91 335,352	2 087 125,236	22,851	22,386	52	60	90 752	10 420,843	144 253,708	13,843	13,378
3	11	99 245	87 595,324	1 995 789,883	22,784	22,319	53	61	89 926	9 905,025	133 832,865	13,512	13,046
4	12	99 226	84 007,871	1 908 194,559	22,714	22,249	54	62	89 020	9 405,500	123 927,840	13,176	12,711
5	13	99 208	80 568,803	1 824 186,688	22,641	22,176	55	63	88 032	8 921,921	114 522,340	12,836	12,371
6	14	99 191	77 271,092	1 743 617,886	22,565	22,100	56	64	86 940	8 452,003	105 600,420	12,494	12,029
7	15	99 173	74 107,440	1 666 346,794	22,486	22,020	57	65	85 749	7 996,400	97 148,417	12,149	11,684
8	16	99 152	71 071,136	1 592 239,354	22,403	21,938	58	66	84 461	7 555,148	89 152,017	11,800	11,335
9	17	99 132	68 159,845	1 521 168,218	22,318	21,852	59	67	83 074	7 128,189	81 596,869	11,447	10,982
10	18	99 111	65 367,422	1 453 008,373	22,228	21,763	60	68	81 582	6 714,745	74 468,680	11,090	10,625
11	19	99 088	62 687,717	1 387 640,951	22,136	21,671	61	69	79 978	6 314,368	67 753,935	10,730	10,265
12	20	99 064	60 118,063	1 324 953,234	22,039	21,574	62	70	78 217	5 923,593	61 439,567	10,372	9,907
13	21	99 039	57 652,664	1 264 835,170	21,939	21,474	63	71	76 327	5 544,837	55 515,974	10,012	9,547
14	22	99 013	55 287,787	1 207 182,507	21,835	21,369	64	72	74 298	5 177,361	49 971,137	9,652	9,187
15	23	98 985	53 018,400	1 151 894,720	21,726	21,261	65	73	72 153	4 822,917	44 793,775	9,288	8,822
16	24	98 953	50 840,757	1 098 876,320	21,614	21,149	66	74	69 856	4 479,039	39 970,858	8,924	8,459
17	25	98 914	48 748,951	1 048 035,563	21,499	21,033	67	75	67 433	4 147,414	35 491,819	8,558	8,092
18	26	98 869	46 740,027	999 286,611	21,380	20,914	68	76	64 882	3 827,809	31 344,404	8,189	7,723
19	27	98 813	44 809,264	952 546,584	21,258	20,793	69	77	62 199	3 519,924	27 516,595	7,817	7,352
20	28	98 752	42 956,151	907 737,321	21,132	20,667	70	78	59 430	3 226,119	23 996,672	7,438	6,973
21	29	98 688	41 178,136	864 781,170	21,001	20,536	71	79	56 512	2 942,635	20 770,553	7,058	6,593
22	30	98 624	39 473,692	823 603,034	20,865	20,399	72	80	53 405	2 667,487	17 827,917	6,683	6,218
23	31	98 554	37 837,876	784 129,342	20,723	20,258	73	81	50 167	2 403,634	15 160,430	6,307	5,842
24	32	98 481	36 268,391	746 291,467	20,577	20,112	74	82	46 752	2 148,676	12 756,796	5,937	5,472
25	33	98 403	34 762,207	710 023,076	20,425	19,960	75	83	43 165	1 902,953	10 608,120	5,575	5,109
26	34	98 325	33 318,641	675 260,869	20,267	19,802	76	84	39 386	1 665,573	8 705,167	5,227	4,761
27	35	98 244	31 934,047	641 942,228	20,102	19,637	77	85	35 493	1 439,747	7 039,594	4,889	4,424
28	36	98 154	30 604,106	610 008,181	19,932	19,467	78	86	31 554	1 227,771	5 599,847	4,561	4,096
29	37	98 062	29 328,886	579 404,075	19,755	19,290	79	87	27 572	1 029,108	4 372,076	4,248	3,783
30	38	97 964	28 105,146	550 075,189	19,572	19,107	80	88	23 611	845,334	3 342,968	3,955	3,489
31	39	97 858	26 930,205	521 970,043	19,382	18,917	81	89	19 768	678,887	2 497,634	3,679	3,214
32	40	97 739	25 800,715	495 039,838	19,187	18,722	82	90	16 150	532,042	1 818,746	3,418	2,953
33	41	97 617	24 718,108	469 239,123	18,984	18,518	83	91	12 818	405,063	1 286,704	3,177	2,711
34	42	97 477	23 676,426	444 521,015	18,775	18,310	84	92	9 847	298,476	881,641	2,954	2,489
35	43	97 330	22 676,928	420 844,589	18,558	18,093	85	93	7 280	211,671	583,165	2,755	2,290
36	44	97 169	21 716,557	398 167,661	18,335	17,870	86	94	5 169	144,155	371,494	2,577	2,112
37	45	96 992	20 793,148	376 451,104	18,105	17,639	87	95	3 526	94,331	227,339	2,410	1,945
38	46	96 791	19 904,136	355 657,956	17,869	17,403	88	96	2 290	58,772	133,008	2,263	1,798
39	47	96 578	19 050,711	335 753,821	17,624	17,159	89	97	1 408	34,668	74,236	2,141	1,676
40	48	96 341	18 229,246	316 703,110	17,373	16,908	90	98	829	19,579	39,568	2,021	1,556
41	49	96 076	17 437,951	298 473,864	17,116	16,651	91	99	461	10,444	19,989	1,914	1,449
42	50	95 775	16 674,656	281 035,913	16,854	16,389	92	100	242	5,259	9,545	1,815	1,350
43	51	95 463	15 942,796	264 361,257	16,582	16,117							
44	52	95 113	15 236,758	248 418,460	16,304	15,839							
45	53	94 739	14 558,091	233 181,702	16,017	15,552							
46	54	94 326	13 903,804	218 623,611	15,724	15,259							
47	55	93 872	13 272,814	204 719,807	15,424	14,959							
48	56	93 362	12 662,497	191 446,993	15,119	14,654							
49	57	92 802	12 073,438	178 784,496	14,808	14,343							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	2 278 272,520	22,867	22,402	50	59	91 797	11 455,837	163 820,580	14,300	13,835
1	10	99 288	95 240,122	2 178 642,069	22,875	22,410	51	60	91 078	10 902,738	152 364,744	13,975	13,510
2	11	99 258	91 330,275	2 083 401,948	22,812	22,347	52	61	90 287	10 367,417	141 462,006	13,645	13,180
3	12	99 237	87 588,588	1 992 071,673	22,744	22,278	53	62	89 424	9 849,694	131 094,589	13,310	12,844
4	13	99 219	84 002,562	1 904 483,085	22,672	22,207	54	63	88 475	9 347,920	121 244,895	12,970	12,505
5	14	99 200	80 562,435	1 820 480,524	22,597	22,132	55	64	87 437	8 861,607	111 896,975	12,627	12,162
6	15	99 182	77 263,963	1 739 918,089	22,519	22,054	56	65	86 296	8 389,384	103 035,368	12,282	11,816
7	16	99 162	74 098,860	1 662 654,126	22,438	21,973	57	66	85 062	7 932,319	94 645,985	11,932	11,466
8	17	99 139	71 062,050	1 588 555,265	22,354	21,889	58	67	83 721	7 488,981	86 713,665	11,579	11,114
9	18	99 119	68 151,008	1 517 493,215	22,267	21,801	59	68	82 297	7 061,484	79 224,684	11,219	10,754
10	19	99 095	65 356,812	1 449 342,207	22,176	21,711	60	69	80 749	6 646,228	72 163,200	10,858	10,393
11	20	99 071	62 677,413	1 383 985,395	22,081	21,616	61	70	79 054	6 241,460	65 516,972	10,497	10,032
12	21	99 048	60 108,223	1 321 307,982	21,982	21,517	62	71	77 235	5 849,241	59 275,511	10,134	9,669
13	22	99 023	57 642,875	1 261 199,759	21,880	21,414	63	72	75 273	5 468,238	53 426,270	9,770	9,305
14	23	98 997	55 278,511	1 203 556,884	21,773	21,307	64	73	73 187	5 099,971	47 958,032	9,404	8,938
15	24	98 968	53 009,728	1 148 278,374	21,662	21,196	65	74	70 945	4 742,201	42 858,061	9,038	8,572
16	25	98 937	50 832,406	1 095 268,645	21,547	21,081	66	75	68 585	4 397,556	38 115,860	8,668	8,202
17	26	98 895	48 739,474	1 044 436,240	21,429	20,964	67	76	66 076	4 063,968	33 718,304	8,297	7,832
18	27	98 851	46 731,696	995 696,766	21,307	20,841	68	77	63 445	3 743,028	29 654,336	7,923	7,457
19	28	98 792	44 799,865	948 965,070	21,182	20,717	69	78	60 710	3 435,662	25 911,308	7,542	7,077
20	29	98 729	42 945,928	904 165,205	21,054	20,588	70	79	57 813	3 138,344	22 475,646	7,162	6,696
21	30	98 664	41 167,974	861 219,277	20,920	20,454	71	80	54 770	2 851,977	19 337,302	6,780	6,315
22	31	98 596	39 462,529	820 051,303	20,781	20,315	72	81	51 522	2 573,427	16 485,324	6,406	5,941
23	32	98 523	37 825,692	780 588,773	20,636	20,171	73	82	48 140	2 306,491	13 911,897	6,032	5,566
24	33	98 448	36 256,208	742 763,082	20,487	20,021	74	83	44 554	2 047,683	11 605,406	5,668	5,202
25	34	98 369	34 750,032	706 506,874	20,331	19,866	75	84	40 783	1 797,918	9 557,723	5,316	4,851
26	35	98 288	33 305,920	671 756,842	20,169	19,704	76	85	36 874	1 559,329	7 759,805	4,976	4,511
27	36	98 198	31 919,136	638 450,921	20,002	19,537	77	86	32 877	1 333,647	6 200,476	4,649	4,184
28	37	98 108	30 589,512	606 531,786	19,828	19,363	78	87	28 863	1 123,069	4 866,829	4,334	3,868
29	38	98 013	29 314,077	575 942,274	19,647	19,182	79	88	24 840	927,129	3 743,760	4,038	3,573
30	39	97 910	28 089,573	546 628,197	19,460	18,995	80	89	20 936	749,554	2 816,631	3,758	3,293
31	40	97 795	26 912,683	518 538,624	19,267	18,802	81	90	17 222	591,442	2 067,077	3,495	3,030
32	41	97 677	25 784,379	491 625,941	19,067	18,602	82	91	13 774	453,770	1 475,635	3,252	2,787
33	42	97 545	24 699,991	465 841,561	18,860	18,395	83	92	10 692	337,851	1 021,865	3,025	2,559
34	43	97 398	23 657,323	441 141,570	18,647	18,182	84	93	7 996	242,379	684,013	2,822	2,357
35	44	97 243	22 656,616	417 484,247	18,427	17,961	85	94	5 755	167,334	441,634	2,639	2,174
36	45	97 077	21 696,017	394 827,631	18,198	17,733	86	95	3 983	111,078	274,300	2,469	2,004
37	46	96 887	20 770,781	373 131,615	17,964	17,499	87	96	2 629	70,347	163,222	2,320	1,855
38	47	96 676	19 880,565	352 360,833	17,724	17,259	88	97	1 650	42,356	92,875	2,193	1,727
39	48	96 452	19 025,957	332 480,268	17,475	17,010	89	98	993	24,450	50,519	2,066	1,601
40	49	96 195	18 201,590	313 454,311	17,221	16,756	90	99	565	13,333	26,069	1,955	1,490
41	50	95 914	17 408,585	295 252,721	16,960	16,495	91	100	303	6,859	12,736	1,857	1,392
42	51	95 598	16 643,910	277 844,136	16,693	16,228							
43	52	95 265	15 909,691	261 200,227	16,418	15,952							
44	53	94 903	15 203,170	245 290,535	16,134	15,669							
45	54	94 504	14 522,008	230 087,366	15,844	15,379							
46	55	94 066	13 865,509	215 565,358	15,547	15,082							
47	56	93 580	13 231,504	201 699,849	15,244	14,779							
48	57	93 046	12 619,678	188 468,345	14,934	14,469							
49	58	92 454	12 028,086	175 848,667	14,620	14,155							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	2 274 290,675	22,828	22,363	50	60	91 372	11 402,745	160 763,350	14,099	13,633
1	11	99 282	95 234,827	2 174 665,520	22,835	22,370	51	61	90 611	10 846,841	149 360,605	13,770	13,305
2	12	99 251	91 323,251	2 079 430,693	22,770	22,305	52	62	89 783	10 309,503	138 513,764	13,436	12,970
3	13	99 231	87 583,053	1 988 107,442	22,700	22,234	53	63	88 877	9 789,395	128 204,261	13,096	12,631
4	14	99 212	83 995,922	1 900 524,389	22,626	22,161	54	64	87 877	9 284,726	118 414,866	12,754	12,289
5	15	99 191	80 555,003	1 816 528,467	22,550	22,085	55	65	86 789	8 795,953	109 130,140	12,407	11,942
6	16	99 171	77 255,018	1 735 973,464	22,471	22,005	56	66	85 604	8 322,154	100 334,187	12,056	11,591
7	17	99 149	74 089,388	1 658 718,446	22,388	21,923	57	67	84 317	7 862,850	92 012,033	11,702	11,237
8	18	99 127	71 052,837	1 584 629,058	22,302	21,837	58	68	82 938	7 418,900	84 149,183	11,343	10,877
9	19	99 103	68 139,946	1 513 576,221	22,213	21,748	59	69	81 457	6 989,429	76 730,283	10,978	10,513
10	20	99 079	65 346,069	1 445 436,276	22,120	21,654	60	70	79 817	6 569,489	69 740,854	10,616	10,151
11	21	99 055	62 667,154	1 380 090,207	22,023	21,557	61	71	78 062	6 163,119	63 171,365	10,250	9,785
12	22	99 031	60 098,017	1 317 423,053	21,921	21,456	62	72	76 168	5 768,437	57 008,246	9,883	9,418
13	23	99 006	57 633,203	1 257 325,036	21,816	21,351	63	73	74 148	5 386,500	51 239,809	9,513	9,047
14	24	98 981	55 269,470	1 199 691,832	21,706	21,241	64	74	71 962	5 014,617	45 853,310	9,144	8,679
15	25	98 952	53 001,020	1 144 422,363	21,592	21,127	65	75	69 655	4 655,930	40 838,692	8,771	8,306
16	26	98 918	50 822,523	1 091 421,342	21,475	21,010	66	76	67 205	4 309,077	36 182,762	8,397	7,932
17	27	98 877	48 730,787	1 040 598,819	21,354	20,889	67	77	64 613	3 973,956	31 873,685	8,021	7,555
18	28	98 830	46 721,894	991 868,033	21,229	20,764	68	78	61 926	3 653,425	27 899,729	7,637	7,171
19	29	98 769	44 789,203	945 146,138	21,102	20,637	69	79	59 058	3 342,186	24 246,303	7,255	6,789
20	30	98 704	42 935,330	900 356,935	20,970	20,505	70	80	56 032	3 041,657	20 904,117	6,873	6,407
21	31	98 636	41 156,333	857 421,605	20,833	20,368	71	81	52 839	2 751,412	17 862,460	6,492	6,027
22	32	98 564	39 449,822	816 265,273	20,691	20,226	72	82	49 439	2 469,422	15 111,047	6,119	5,654
23	33	98 490	37 812,986	776 815,450	20,544	20,078	73	83	45 877	2 198,080	12 641,626	5,751	5,286
24	34	98 414	36 243,510	739 002,465	20,390	19,925	74	84	42 095	1 934,659	10 443,545	5,398	4,933
25	35	98 331	34 736,765	702 758,954	20,231	19,766	75	85	38 181	1 683,233	8 508,886	5,055	4,590
26	36	98 242	33 290,369	668 022,190	20,067	19,601	76	86	34 156	1 444,416	6 825,653	4,726	4,260
27	37	98 152	31 903,915	634 731,821	19,895	19,430	77	87	30 074	1 219,915	5 381,237	4,411	3,946
28	38	98 058	30 574,066	602 827,906	19,717	19,252	78	88	26 003	1 011,779	4 161,322	4,113	3,648
29	39	97 958	29 297,834	572 253,840	19,532	19,067	79	89	22 025	822,081	3 149,543	3,831	3,366
30	40	97 846	28 071,297	542 956,007	19,342	18,877	80	90	18 239	653,007	2 327,462	3,564	3,099
31	41	97 733	26 895,644	514 884,710	19,144	18,679	81	91	14 688	504,431	1 674,455	3,319	2,854
32	42	97 605	25 765,481	487 989,066	18,940	18,474	82	92	11 489	378,477	1 170,024	3,091	2,626
33	43	97 467	24 680,062	462 223,585	18,729	18,263	83	93	8 682	274,354	791,547	2,885	2,420
34	44	97 311	23 636,133	437 543,523	18,512	18,046	84	94	6 321	191,610	517,193	2,699	2,234
35	45	97 151	22 635,187	413 907,390	18,286	17,821	85	95	4 435	128,938	325,583	2,525	2,060
36	46	96 973	21 672,679	391 272,204	18,054	17,588	86	96	2 970	82,836	196,644	2,374	1,909
37	47	96 773	20 746,185	369 599,525	17,815	17,350	87	97	1 895	50,698	113,809	2,245	1,780
38	48	96 550	19 854,733	348 853,340	17,570	17,105	88	98	1 164	29,872	63,110	2,113	1,647
39	49	96 306	18 997,092	328 998,607	17,318	16,853	89	99	676	16,650	33,238	1,996	1,531
40	50	96 033	18 170,937	310 001,514	17,060	16,595	90	100	371	8,756	16,588	1,894	1,429
41	51	95 737	17 376,485	291 830,577	16,795	16,329							
42	52	95 400	16 609,349	274 454,092	16,524	16,059							
43	53	95 055	15 874,619	257 844,743	16,243	15,777							
44	54	94 668	15 165,488	241 970,124	15,955	15,490							
45	55	94 244	14 482,010	226 804,636	15,661	15,196							
46	56	93 774	13 822,355	212 322,626	15,361	14,896							
47	57	93 264	13 186,760	198 500,271	15,053	14,588							
48	58	92 697	12 572,275	185 313,511	14,740	14,275							
49	59	92 068	11 977,886	172 741,236	14,422	13,956							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	2 270 050,708	22,787	22,322	50	61	90 903	11 344,285	157 538,314	13,887	13,422
1	12	99 275	95 227,503	2 170 431,091	22,792	22,327	51	62	90 105	10 786,249	146 194,028	13,554	13,089
2	13	99 244	91 317,479	2 075 203,588	22,725	22,260	52	63	89 233	10 246,389	135 407,779	13,215	12,750
3	14	99 223	87 576,130	1 983 886,109	22,653	22,188	53	64	88 276	9 723,217	125 161,391	12,872	12,407
4	15	99 202	83 988,173	1 896 309,979	22,578	22,113	54	65	87 226	9 215,938	115 438,173	12,526	12,061
5	16	99 180	80 545,677	1 812 321,805	22,501	22,035	55	66	86 094	8 725,465	106 222,236	12,174	11,709
6	17	99 158	77 245,142	1 731 776,128	22,419	21,954	56	67	84 855	8 249,270	97 496,771	11,819	11,354
7	18	99 136	74 079,782	1 654 530,986	22,334	21,869	57	68	83 528	7 789,270	89 247,501	11,458	10,993
8	19	99 110	71 041,304	1 580 451,204	22,247	21,782	58	69	82 091	7 343,198	81 458,231	11,093	10,628
9	20	99 087	68 128,746	1 509 409,901	22,155	21,690	59	70	80 517	6 908,727	74 115,033	10,728	10,263
10	21	99 062	65 335,373	1 441 281,155	22,060	21,595	60	71	78 815	6 487,030	67 206,306	10,360	9,895
11	22	99 038	62 656,513	1 375 945,782	21,960	21,495	61	72	76 984	6 077,979	60 719,276	9,990	9,525
12	23	99 015	60 087,934	1 313 289,269	21,856	21,391	62	73	75 030	5 682,211	54 641,297	9,616	9,151
13	24	98 990	57 623,777	1 253 201,335	21,748	21,283	63	74	72 907	5 296,351	48 959,086	9,244	8,779
14	25	98 964	55 260,391	1 195 577,558	21,635	21,170	64	75	70 653	4 923,391	43 662,735	8,868	8,403
15	26	98 933	52 990,716	1 140 317,168	21,519	21,054	65	76	68 253	4 562,253	38 739,345	8,491	8,026
16	27	98 900	50 813,465	1 087 326,451	21,398	20,933	66	77	65 717	4 213,636	34 177,092	8,111	7,646
17	28	98 857	48 720,565	1 036 512,987	21,275	20,809	67	78	63 066	3 878,826	29 963,455	7,725	7,260
18	29	98 807	46 710,775	987 792,421	21,147	20,682	68	79	60 241	3 554,025	26 084,629	7,339	6,874
19	30	98 744	44 778,151	941 081,647	21,017	20,551	69	80	57 239	3 239,219	22 530,605	6,956	6,490
20	31	98 676	42 923,189	896 303,496	20,882	20,416	70	81	54 056	2 934,404	19 291,385	6,574	6,109
21	32	98 604	41 143,080	853 380,307	20,742	20,277	71	82	50 704	2 640,213	16 356,982	6,195	5,730
22	33	98 531	39 436,571	812 237,227	20,596	20,131	72	83	47 115	2 353,353	13 716,769	5,829	5,363
23	34	98 455	37 799,743	772 800,656	20,445	19,979	73	84	43 345	2 076,755	11 363,416	5,472	5,006
24	35	98 376	36 229,673	735 000,914	20,287	19,822	74	85	39 410	1 811,251	9 286,660	5,127	4,662
25	36	98 285	34 720,545	698 771,241	20,126	19,660	75	86	35 367	1 559,189	7 475,409	4,794	4,329
26	37	98 195	33 274,494	664 050,696	19,957	19,492	76	87	31 244	1 321,239	5 916,220	4,478	4,013
27	38	98 102	31 887,805	630 776,202	19,781	19,316	77	88	27 094	1 099,028	4 594,981	4,181	3,716
28	39	98 004	30 557,125	598 888,397	19,599	19,134	78	89	23 056	897,140	3 495,953	3,897	3,432
29	40	97 895	29 278,771	568 331,272	19,411	18,946	79	90	19 188	716,192	2 598,813	3,629	3,163
30	41	97 784	28 053,524	539 052,501	19,215	18,750	80	91	15 556	556,939	1 882,621	3,380	2,915
31	42	97 661	26 875,931	510 998,977	19,013	18,548	81	92	12 251	420,732	1 325,682	3,151	2,686
32	43	97 526	25 744,692	484 123,046	18,805	18,340	82	93	9 330	307,344	904,951	2,944	2,479
33	44	97 379	24 657,956	458 378,354	18,589	18,124	83	94	6 864	216,888	597,607	2,755	2,290
34	45	97 219	23 613,777	433 720,398	18,367	17,902	84	95	4 871	147,644	380,719	2,579	2,113
35	46	97 046	22 610,839	410 106,621	18,138	17,672	85	96	3 307	96,155	233,075	2,424	1,959
36	47	96 858	21 647,014	387 495,782	17,901	17,435	86	97	2 140	59,699	136,919	2,294	1,828
37	48	96 647	20 719,228	365 848,768	17,657	17,192	87	98	1 336	35,755	77,221	2,160	1,694
38	49	96 404	19 824,611	345 129,540	17,409	16,944	88	99	793	20,342	41,465	2,038	1,573
39	50	96 144	18 965,100	325 304,929	17,153	16,688	89	100	444	10,935	21,123	1,932	1,467
40	51	95 856	18 137,432	306 339,829	16,890	16,425							
41	52	95 538	17 340,403	288 202,397	16,620	16,155							
42	53	95 189	16 572,735	270 861,994	16,344	15,879							
43	54	94 819	15 835,273	254 289,260	16,058	15,593							
44	55	94 407	15 123,718	238 453,987	15,767	15,302							
45	56	93 950	14 436,937	223 330,269	15,469	15,004							
46	57	93 457	13 775,613	208 893,332	15,164	14,699							
47	58	92 913	13 137,227	195 117,719	14,852	14,387							
48	59	92 310	12 519,803	181 980,492	14,535	14,070							
49	60	91 641	11 922,375	169 460,689	14,214	13,748							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	2 265 542,805	22,744	22,278	50	62	90 396	11 280,914	154 144,966	13,664	13,199
1	13	99 268	95 221,485	2 165 930,849	22,746	22,281	51	63	89 554	10 720,216	142 864,052	13,327	12,861
2	14	99 237	91 310,262	2 070 709,364	22,678	22,213	52	64	88 630	10 177,121	132 143,835	12,984	12,519
3	15	99 214	87 568,051	1 979 399,103	22,604	22,139	53	65	87 622	9 651,180	121 966,714	12,637	12,172
4	16	99 191	83 978,450	1 891 831,051	22,528	22,062	54	66	86 527	9 142,084	112 315,534	12,286	11,820
5	17	99 167	80 535,380	1 807 852,601	22,448	21,983	55	67	85 340	8 649,049	103 173,450	11,929	11,464
6	18	99 145	77 235,127	1 727 317,222	22,364	21,899	56	68	84 060	8 172,074	94 524,401	11,567	11,102
7	19	99 120	74 067,757	1 650 082,095	22,278	21,813	57	69	82 676	7 709,788	86 352,327	11,200	10,735
8	20	99 094	71 029,627	1 576 014,337	22,188	21,727	58	70	81 143	7 258,411	78 642,538	10,835	10,369
9	21	99 070	68 117,594	1 504 984,711	22,094	21,629	59	71	79 506	6 822,010	71 384,127	10,464	9,999
10	22	99 046	65 324,279	1 436 867,117	21,996	21,531	60	72	77 726	6 397,415	64 562,117	10,092	9,627
11	23	99 022	62 646,001	1 371 542,837	21,894	21,428	61	73	75 833	5 987,126	58 164,702	9,715	9,250
12	24	98 999	60 078,106	1 308 896,836	21,787	21,321	62	74	73 774	5 587,113	52 177,576	9,339	8,874
13	25	98 974	57 614,311	1 248 818,730	21,675	21,210	63	75	71 581	5 199,999	46 590,463	8,960	8,494
14	26	98 945	55 249,647	1 191 204,419	21,560	21,095	64	76	69 232	4 824,332	41 390,464	8,580	8,114
15	27	98 915	52 981,271	1 135 954,772	21,441	20,975	65	77	66 742	4 461,204	36 566,132	8,196	7,731
16	28	98 879	50 802,807	1 082 973,501	21,317	20,852	66	78	64 144	4 112,768	32 104,928	7,806	7,341
17	29	98 833	48 708,970	1 032 170,694	21,191	20,725	67	79	61 350	3 773,293	27 992,159	7,418	6,953
18	30	98 782	46 699,248	983 461,724	21,059	20,594	68	80	58 385	3 444,531	24 218,866	7,031	6,566
19	31	98 716	44 765,488	936 762,476	20,926	20,461	69	81	55 220	3 124,999	20 774,335	6,648	6,183
20	32	98 645	42 909,367	891 996,988	20,788	20,323	70	82	51 871	2 815,809	17 649,336	6,268	5,803
21	33	98 571	41 129,260	849 087,620	20,644	20,179	71	83	48 320	2 516,117	14 833,527	5,895	5,430
22	34	98 496	39 422,759	807 958,361	20,495	20,030	72	84	44 515	2 223,458	12 317,410	5,540	5,075
23	35	98 418	37 785,311	768 535,602	20,340	19,874	73	85	40 580	1 944,283	10 093,952	5,192	4,726
24	36	98 330	36 212,756	730 750,291	20,179	19,714	74	86	36 506	1 677,773	8 149,669	4,857	4,392
25	37	98 238	34 703,988	694 537,535	20,013	19,548	75	87	32 351	1 426,224	6 471,895	4,538	4,073
26	38	98 145	33 257,692	659 833,547	19,840	19,375	76	88	28 148	1 190,311	5 045,672	4,239	3,774
27	39	98 048	31 870,136	626 575,854	19,660	19,195	77	89	24 024	974,504	3 855,361	3,956	3,491
28	40	97 940	30 537,243	594 705,718	19,475	19,010	78	90	20 087	781,583	2 880,857	3,686	3,221
29	41	97 833	29 260,234	564 168,475	19,281	18,816	79	91	16 365	610,828	2 099,274	3,437	2,972
30	42	97 713	28 032,962	534 908,242	19,081	18,616	80	92	12 975	464,527	1 488,446	3,204	2,739
31	43	97 582	26 854,246	506 875,279	18,875	18,410	81	93	9 948	341,657	1 023,919	2,997	2,532
32	44	97 439	25 721,633	480 021,033	18,662	18,197	82	94	7 375	242,968	682,262	2,808	2,343
33	45	97 287	24 634,634	454 299,400	18,441	17,976	83	95	5 289	167,122	439,295	2,629	2,163
34	46	97 115	23 588,376	429 664,767	18,215	17,750	84	96	3 632	110,105	272,173	2,472	2,007
35	47	96 931	22 584,063	406 076,391	17,981	17,515	85	97	2 383	69,298	162,068	2,339	1,873
36	48	96 732	21 618,887	383 492,327	17,739	17,274	86	98	1 510	42,103	92,770	2,203	1,738
37	49	96 500	20 687,795	361 873,440	17,492	17,027	87	99	910	24,349	50,667	2,081	1,616
38	50	96 242	19 791,225	341 185,646	17,239	16,774	88	100	521	13,360	26,318	1,970	1,505
39	51	95 967	18 930,130	321 394,421	16,978	16,513							
40	52	95 657	18 099,769	302 464,290	16,711	16,246							
41	53	95 328	17 302,177	284 364,521	16,435	15,970							
42	54	94 954	16 531,658	267 062,344	16,155	15,689							
43	55	94 558	15 791,658	250 530,686	15,865	15,400							
44	56	94 113	15 076,647	234 739,028	15,570	15,104							
45	57	93 633	14 388,117	219 662,381	15,267	14,802							
46	58	93 106	13 723,868	205 274,264	14,957	14,492							
47	59	92 526	13 082,398	191 550,396	14,642	14,177							
48	60	91 882	12 461,781	178 467,998	14,321	13,856							
49	61	91 171	11 861,252	166 006,217	13,996	13,530							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0	13	99 606	99 605,661	2 260 758,934	22,697	22,232	50	63	89 842	11 211,853	150 582,543	13,431	12,965
1	14	99 261	95 213,959	2 161 153,273	22,698	22,233	51	64	88 948	10 647,746	139 370,689	13,089	12,624
2	15	99 227	91 301,838	2 065 939,315	22,628	22,162	52	65	87 973	10 101,721	128 722,944	12,743	12,277
3	16	99 203	87 557,913	1 974 637,476	22,552	22,087	53	66	86 920	9 573,838	118 621,223	12,390	11,925
4	17	99 178	83 967,714	1 887 079,563	22,474	22,009	54	67	85 769	9 062,020	109 047,384	12,033	11,568
5	18	99 154	80 524,938	1 803 111,849	22,392	21,927	55	68	84 541	8 568,112	99 985,365	11,669	11,204
6	19	99 129	77 222,590	1 722 586,911	22,307	21,842	56	69	83 203	8 088,687	91 417,253	11,302	10,837
7	20	99 104	74 055,583	1 645 364,321	22,218	21,753	57	70	81 721	7 620,769	83 328,566	10,934	10,469
8	21	99 078	71 018,001	1 571 308,738	22,125	21,660	58	71	80 125	7 167,305	75 707,797	10,563	10,098
9	22	99 054	68 106,028	1 500 290,737	22,029	21,564	59	72	78 408	6 727,767	68 540,492	10,188	9,722
10	23	99 029	65 313,319	1 432 184,709	21,928	21,463	60	73	76 565	6 301,787	61 812,725	9,809	9,344
11	24	99 005	62 635,754	1 366 871,390	21,823	21,357	61	74	74 564	5 886,925	55 510,937	9,430	8,964
12	25	98 982	60 068,237	1 304 235,636	21,713	21,247	62	75	72 432	5 485,472	49 624,012	9,046	8,581
13	26	98 954	57 603,110	1 244 167,398	21,599	21,134	63	76	70 140	5 095,375	44 138,541	8,662	8,197
14	27	98 927	55 239,799	1 186 564,288	21,480	21,015	64	77	67 698	4 717,479	39 043,165	8,276	7,811
15	28	98 895	52 970,159	1 131 324,489	21,358	20,893	65	78	65 144	4 354,410	34 325,687	7,883	7,418
16	29	98 856	50 790,716	1 078 354,330	21,231	20,766	66	79	62 399	4 000,870	29 971,276	7,491	7,026
17	30	98 809	48 696,951	1 027 563,614	21,101	20,636	67	80	59 460	3 657,044	25 970,406	7,101	6,636
18	31	98 754	46 686,042	978 866,664	20,967	20,502	68	81	56 326	3 323,072	22 313,362	6,715	6,249
19	32	98 684	44 751,073	932 180,621	20,830	20,365	69	82	52 989	2 998,702	18 990,290	6,333	5,868
20	33	98 611	42 894,954	887 429,548	20,688	20,223	70	83	49 433	2 683,459	15 991,589	5,959	5,494
21	34	98 536	41 114,855	844 534,594	20,541	20,076	71	84	45 653	2 377,238	13 308,129	5,598	5,133
22	35	98 459	39 407,708	803 419,739	20,387	19,922	72	85	41 675	2 081,628	10 930,892	5,251	4,786
23	36	98 372	37 767,668	764 012,031	20,229	19,764	73	86	37 590	1 801,002	8 849,264	4,914	4,448
24	37	98 283	36 195,487	726 244,364	20,065	19,599	74	87	33 393	1 534,695	7 048,262	4,593	4,127
25	38	98 189	34 686,465	690 048,876	19,894	19,429	75	88	29 145	1 284,892	5 513,567	4,291	3,826
26	39	98 091	33 239,264	655 362,412	19,717	19,251	76	89	24 958	1 055,444	4 228,674	4,007	3,541
27	40	97 984	31 849,400	622 123,147	19,533	19,068	77	90	20 929	848,982	3 173,230	3,738	3,272
28	41	97 878	30 517,909	590 273,747	19,342	18,877	78	91	17 132	666,599	2 324,249	3,487	3,022
29	42	97 761	29 238,788	559 755,838	19,144	18,679	79	92	13 650	509,474	1 657,650	3,254	2,788
30	43	97 634	28 010,344	530 517,051	18,940	18,475	80	93	10 536	377,221	1 148,176	3,044	2,579
31	44	97 495	26 830,193	502 506,707	18,729	18,264	81	94	7 865	270,094	770,955	2,854	2,389
32	45	97 347	25 697,304	475 676,514	18,511	18,046	82	95	5 683	187,217	500,861	2,675	2,210
33	46	97 183	24 608,135	449 979,210	18,286	17,821	83	96	3 944	124,630	313,644	2,517	2,051
34	47	97 000	23 560,443	425 371,075	18,054	17,589	84	97	2 618	79,351	189,013	2,382	1,917
35	48	96 805	22 554,718	401 810,632	17,815	17,350	85	98	1 681	48,873	109,662	2,244	1,779
36	49	96 586	21 586,089	379 255,914	17,569	17,104	86	99	1 028	28,671	60,789	2,120	1,655
37	50	96 338	20 652,955	357 669,825	17,318	16,853	87	100	598	15,991	32,118	2,009	1,543
38	51	96 064	19 754,732	337 016,870	17,060	16,595							
39	52	95 767	18 890,822	317 262,138	16,795	16,329							
40	53	95 446	18 059,870	298 371,316	16,521	16,056							
41	54	95 091	17 259,292	280 311,446	16,241	15,776							
42	55	94 692	16 486,125	263 052,154	15,956	15,491							
43	56	94 264	15 742,509	246 566,029	15,662	15,197							
44	57	93 795	15 025,664	230 823,520	15,362	14,897							
45	58	93 281	14 334,071	215 797,856	15,055	14,590							
46	59	92 717	13 666,590	201 463,785	14,741	14,276							
47	60	92 097	13 021,768	187 797,195	14,422	13,957							
48	61	91 411	12 397,892	174 775,427	14,097	13,632							
49	62	90 662	11 794,992	162 377,535	13,767	13,301							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	2 255 687,264	22,648	22,183	50	64	89 235	11 136,059	146 851,259	13,187	12,722
1	15	99 251	95 205,175	2 156 089,477	22,647	22,182	51	65	88 289	10 568,859	135 715,200	12,841	12,376
2	16	99 216	91 291,268	2 060 884,301	22,575	22,110	52	66	87 268	10 020,769	125 146,341	12,489	12,023
3	17	99 190	87 546,720	1 969 593,033	22,498	22,032	53	67	86 158	9 489,993	115 125,572	12,131	11,666
4	18	99 165	83 956,828	1 882 046,313	22,417	21,952	54	68	84 967	8 977,218	105 635,579	11,767	11,302
5	19	99 138	80 511,867	1 798 089,486	22,333	21,868	55	69	83 679	8 480,683	96 658,362	11,397	10,932
6	20	99 113	77 209,897	1 717 577,618	22,246	21,780	56	70	82 242	7 995,292	88 177,678	11,029	10,563
7	21	99 088	74 043,461	1 640 367,721	22,154	21,689	57	71	80 695	7 525,115	80 182,386	10,655	10,190
8	22	99 061	71 005,942	1 566 324,260	22,059	21,594	58	72	79 018	7 068,292	72 657,271	10,279	9,814
9	23	99 037	68 094,601	1 495 318,318	21,959	21,494	59	73	77 236	6 627,201	65 588,979	9,897	9,432
10	24	99 013	65 302,637	1 427 223,717	21,856	21,390	60	74	75 283	6 196,320	58 961,777	9,516	9,050
11	25	98 989	62 625,465	1 361 921,080	21,747	21,282	61	75	73 207	5 779,829	52 765,457	9,129	8,664
12	26	98 963	60 056,559	1 299 295,615	21,635	21,169	62	76	70 975	5 375,104	46 985,627	8,741	8,276
13	27	98 937	57 592,843	1 239 239,056	21,517	21,052	63	77	68 587	4 982,519	41 610,523	8,351	7,886
14	28	98 907	55 228,213	1 181 646,213	21,396	20,930	64	78	66 078	4 604,550	36 628,005	7,955	7,490
15	29	98 871	52 957,552	1 126 418,000	21,270	20,805	65	79	63 371	4 235,938	32 023,455	7,560	7,095
16	30	98 831	50 778,183	1 073 460,447	21,140	20,675	66	80	60 476	3 877,610	27 787,517	7,166	6,701
17	31	98 781	48 683,180	1 022 682,265	21,007	20,542	67	81	57 364	3 528,091	23 909,907	6,777	6,312
18	32	98 723	46 671,009	973 999,085	20,869	20,404	68	82	54 050	3 188,769	20 381,816	6,392	5,927
19	33	98 651	44 736,041	927 328,076	20,729	20,264	69	83	50 498	2 857,756	17 193,048	6,016	5,551
20	34	98 577	42 879,931	882 592,034	20,583	20,118	70	84	46 705	2 535,344	14 335,292	5,654	5,189
21	35	98 499	41 099,158	839 712,104	20,431	19,966	71	85	42 741	2 225,599	11 799,948	5,302	4,837
22	36	98 413	39 389,307	798 612,946	20,275	19,810	72	86	38 604	1 928,225	9 574,350	4,965	4,500
23	37	98 325	37 749,658	759 223,639	20,112	19,647	73	87	34 384	1 647,415	7 646,125	4,641	4,176
24	38	98 234	36 177,211	721 473,981	19,943	19,478	74	88	30 084	1 382,615	5 998,710	4,339	3,873
25	39	98 134	34 667,245	685 296,770	19,768	19,303	75	89	25 843	1 139,309	4 616,095	4,052	3,586
26	40	98 027	33 217,637	650 629,526	19,587	19,122	76	90	21 744	919,496	3 476,786	3,781	3,316
27	41	97 922	31 829,235	617 411,888	19,398	18,932	77	91	17 850	724,082	2 557,290	3,532	3,067
28	42	97 806	30 495,541	585 582,653	19,202	18,737	78	92	14 289	555,991	1 833,208	3,297	2,832
29	43	97 682	29 215,196	555 087,112	19,000	18,535	79	93	11 085	413,721	1 277,217	3,087	2,622
30	44	97 546	27 985,255	525 871,916	18,791	18,326	80	94	8 329	298,209	863,496	2,896	2,430
31	45	97 403	26 804,816	497 886,660	18,575	18,109	81	95	6 060	208,119	565,287	2,716	2,251
32	46	97 242	25 669,662	471 081,845	18,352	17,886	82	96	4 238	139,617	357,168	2,558	2,093
33	47	97 068	24 578,994	445 412,183	18,122	17,656	83	97	2 842	89,819	217,551	2,422	1,957
34	48	96 873	23 529,829	420 833,188	17,885	17,420	84	98	1 846	55,963	127,732	2,282	1,817
35	49	96 659	22 520,500	397 303,359	17,642	17,177	85	99	1 145	33,281	71,769	2,156	1,691
36	50	96 423	21 549,736	374 782,859	17,392	16,926	86	100	675	18,830	38,487	2,044	1,579
37	51	96 160	20 614,873	353 233,122	17,135	16,670							
38	52	95 865	19 713,712	332 618,249	16,872	16,407							
39	53	95 556	18 849,178	312 904,538	16,600	16,135							
40	54	95 209	18 015,107	294 055,359	16,323	15,857							
41	55	94 830	17 211,756	276 040,252	16,038	15,573							
42	56	94 397	16 434,814	258 828,497	15,749	15,284							
43	57	93 945	15 689,274	242 393,683	15,450	14,984							
44	58	93 443	14 969,223	226 704,409	15,145	14,679							
45	59	92 892	14 274,247	211 735,186	14,833	14,368							
46	60	92 287	13 603,253	197 460,939	14,516	14,050							
47	61	91 625	12 955,008	183 857,686	14,192	13,727							
48	62	90 900	12 328,635	170 902,678	13,862	13,397							
49	63	90 107	11 722,784	158 574,043	13,527	13,062							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	2 250 318,676	22,596	22,131	50	65	88 574	11 053,554	142 952,585	12,933	12,468
1	16	99 240	95 194,153	2 150 730,076	22,593	22,128	51	66	87 582	10 484,163	131 899,030	12,581	12,116
2	17	99 203	91 279,598	2 055 535,923	22,519	22,054	52	67	86 504	9 933,009	121 414,867	12,223	11,758
3	18	99 177	87 535,369	1 964 256,326	22,440	21,974	53	68	85 352	9 401,186	111 481,858	11,858	11,393
4	19	99 149	83 943,200	1 876 720,957	22,357	21,892	54	69	84 100	8 885,615	102 080,672	11,488	11,023
5	20	99 122	80 498,634	1 792 777,757	22,271	21,806	55	70	82 712	8 382,763	93 195,057	11,117	10,652
6	21	99 096	77 197,259	1 712 279,123	22,181	21,715	56	71	81 210	7 894,937	84 812,294	10,743	10,277
7	22	99 071	74 030,889	1 635 081,864	22,086	21,621	57	72	79 581	7 421,159	76 917,357	10,365	9,899
8	23	99 044	70 994,029	1 561 050,975	21,988	21,523	58	73	77 837	6 962,636	69 496,198	9,981	9,516
9	24	99 021	68 083,464	1 490 056,946	21,886	21,421	59	74	75 943	6 516,288	62 533,562	9,597	9,131
10	25	98 997	65 291,910	1 421 973,482	21,779	21,313	60	75	73 914	6 083,596	56 017,273	9,208	8,743
11	26	98 970	62 613,290	1 356 681,573	21,668	21,202	61	76	71 734	5 663,539	49 933,677	8,817	8,351
12	27	98 945	60 045,854	1 294 068,283	21,551	21,086	62	77	69 403	5 256,052	44 270,138	8,423	7,957
13	28	98 916	57 580,763	1 234 022,428	21,431	20,966	63	78	66 945	4 863,245	39 014,086	8,022	7,557
14	29	98 883	55 215,069	1 176 441,665	21,307	20,841	64	79	64 280	4 479,272	34 150,841	7,624	7,159
15	30	98 847	52 944,484	1 121 226,596	21,177	20,712	65	80	61 419	4 105,435	29 671,569	7,227	6,762
16	31	98 803	50 763,823	1 068 282,112	21,044	20,579	66	81	58 344	3 740,880	25 566,134	6,834	6,369
17	32	98 749	48 667,504	1 017 518,288	20,908	20,442	67	82	55 045	3 385,502	21 825,255	6,447	5,981
18	33	98 689	46 655,332	968 850,785	20,766	20,301	68	83	51 509	3 038,889	18 439,752	6,068	5,603
19	34	98 617	44 720,373	922 195,452	20,621	20,156	69	84	47 711	2 700,019	15 400,863	5,704	5,239
20	35	98 539	42 863,559	877 475,079	20,471	20,006	70	85	43 726	2 373,619	12 700,844	5,351	4,886
21	36	98 453	41 079,967	834 611,520	20,317	19,852	71	86	39 591	2 061,586	10 327,225	5,009	4,544
22	37	98 366	39 370,524	793 531,553	20,155	19,690	72	87	35 312	1 763,789	8 265,639	4,686	4,221
23	38	98 275	37 730,597	754 161,029	19,988	19,523	73	88	30 977	1 484,165	6 501,850	4,381	3,916
24	39	98 179	36 157,165	716 430,432	19,814	19,349	74	89	26 675	1 225,959	5 017,685	4,093	3,628
25	40	98 070	34 644,689	680 273,267	19,636	19,170	75	90	22 514	992,559	3 791,726	3,820	3,355
26	41	97 965	33 196,606	645 628,579	19,449	18,983	76	91	18 545	784,223	2 799,167	3,569	3,104
27	42	97 850	31 805,906	612 431,972	19,255	18,790	77	92	14 888	603,936	2 014,945	3,326	2,871
28	43	97 727	30 470,936	580 626,066	19,055	18,590	78	93	11 603	451,495	1 411,008	3,125	2,660
29	44	97 595	29 189,028	550 155,130	18,848	18,383	79	94	8 763	327,063	959,513	2,934	2,469
30	45	97 454	27 958,785	520 966,102	18,633	18,168	80	95	6 418	229,783	632,450	2,752	2,287
31	46	97 298	26 775,983	493 007,317	18,412	17,947	81	96	4 519	155,204	402,667	2,594	2,129
32	47	97 127	25 639,265	466 231,334	18,184	17,719	82	97	3 054	100,620	247,463	2,459	1,994
33	48	96 941	24 547,057	440 592,069	17,949	17,484	83	98	2 005	63,346	146,843	2,318	1,853
34	49	96 727	23 494,132	416 045,012	17,708	17,243	84	99	1 257	38,110	83,497	2,191	1,726
35	50	96 496	22 482,574	392 550,880	17,460	16,995	85	100	752	21,857	45,387	2,077	1,611
36	51	96 245	21 510,001	370 068,306	17,204	16,739							
37	52	95 960	20 572,066	348 558,305	16,943	16,478							
38	53	95 653	19 670,254	327 986,239	16,674	16,209							
39	54	95 319	18 802,459	308 315,985	16,398	15,932							
40	55	94 947	17 965,489	289 513,526	16,115	15,650							
41	56	94 534	17 158,186	271 548,037	15,826	15,361							
42	57	94 078	16 379,238	254 389,851	15,531	15,066							
43	58	93 592	15 630,341	238 010,613	15,227	14,762							
44	59	93 053	14 906,748	222 380,272	14,918	14,453							
45	60	92 461	14 208,093	207 473,524	14,602	14,137							
46	61	91 814	13 533,512	193 265,431	14,281	13,815							
47	62	91 113	12 882,639	179 731,920	13,951	13,486							
48	63	90 344	12 253,160	166 849,281	13,617	13,152							
49	64	89 498	11 643,536	154 596,121	13,277	12,812							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	2 244 643,502	22,542	22,077	50	66	87 864	10 964,974	138 888,157	12,667	12,201
1	17	99 227	95 181,983	2 145 066,432	22,536	22,071	51	67	86 815	10 392,345	127 923,183	12,309	11,844
2	18	99 190	91 267,763	2 049 884,448	22,460	21,995	52	68	85 694	9 840,057	117 530,838	11,944	11,479
3	19	99 161	87 521,160	1 958 616,685	22,379	21,914	53	69	84 481	9 305,257	107 690,781	11,573	11,108
4	20	99 133	83 929,402	1 871 095,525	22,294	21,828	54	70	83 129	8 783,019	98 385,524	11,202	10,737
5	21	99 105	80 485,458	1 787 166,123	22,205	21,740	55	71	81 674	8 277,544	89 602,505	10,825	10,360
6	22	99 080	77 184,152	1 706 680,665	22,112	21,647	56	72	80 088	7 785,873	81 324,961	10,445	9,980
7	23	99 054	74 018,468	1 629 496,514	22,015	21,550	57	73	78 391	7 310,229	73 539,088	10,060	9,595
8	24	99 028	70 982,417	1 555 478,046	21,914	21,448	58	74	76 534	6 846,109	66 228,860	9,674	9,209
9	25	99 004	68 072,280	1 484 495,629	21,808	21,342	59	75	74 561	6 397,743	59 382,751	9,282	8,817
10	26	98 977	65 279,216	1 416 423,349	21,698	21,233	60	76	72 426	5 961,194	52 985,007	8,888	8,423
11	27	98 952	62 602,130	1 351 144,133	21,583	21,118	61	77	70 146	5 538,099	47 023,813	8,491	8,026
12	28	98 925	60 039,402	1 288 542,003	21,464	20,999	62	78	67 741	5 130,230	41 485,714	8,087	7,621
13	29	98 892	57 567,059	1 228 508,743	21,340	20,875	63	79	65 124	4 730,928	36 355,484	7,685	7,219
14	30	98 859	55 201,444	1 170 941,684	21,212	20,747	64	80	62 300	4 341,272	31 624,556	7,285	6,819
15	31	98 819	52 929,512	1 115 740,239	21,080	20,615	65	81	59 253	3 960,671	27 283,284	6,889	6,423
16	32	98 771	50 747,477	1 062 810,727	20,943	20,478	66	82	55 986	3 589,691	23 322,612	6,497	6,032
17	33	98 716	48 651,156	1 012 063,250	20,802	20,337	67	83	52 458	3 226,376	19 732,921	6,116	5,651
18	34	98 655	46 638,992	963 412,094	20,657	20,192	68	84	48 666	2 871,155	16 506,546	5,749	5,284
19	35	98 579	44 703,299	916 773,102	20,508	20,043	69	85	44 667	2 527,791	13 635,390	5,394	4,929
20	36	98 493	42 843,260	872 069,802	20,355	19,890	70	86	40 503	2 198,698	11 107,600	5,052	4,587
21	37	98 406	41 060,378	829 226,258	20,195	19,730	71	87	36 215	1 885,777	8 908,902	4,724	4,259
22	38	98 316	39 350,644	788 165,880	20,029	19,564	72	88	31 813	1 589,006	7 023,125	4,420	3,955
23	39	98 221	37 709,690	748 815,236	19,857	19,392	73	89	27 467	1 316,003	5 434,118	4,129	3,664
24	40	98 115	36 133,639	711 105,546	19,680	19,215	74	90	23 239	1 068,048	4 118,115	3,856	3,391
25	41	98 008	34 622,754	674 971,906	19,495	19,030	75	91	19 202	846,536	3 050,067	3,603	3,138
26	42	97 893	33 172,275	640 349,152	19,304	18,839	76	92	15 468	654,098	2 203,531	3,369	2,904
27	43	97 771	31 780,244	607 176,877	19,105	18,640	77	93	12 090	490,429	1 549,433	3,159	2,694
28	44	97 640	30 443,643	575 396,634	18,900	18,435	78	94	9 173	356,925	1 059,004	2,967	2,502
29	45	97 502	29 161,420	544 952,990	18,687	18,222	79	95	6 752	252,017	702,078	2,786	2,321
30	46	97 349	27 928,711	515 791,570	18,468	18,003	80	96	4 786	171,360	450,062	2,626	2,161
31	47	97 183	26 744,275	487 862,859	18,242	17,777	81	97	3 257	111,854	278,702	2,492	2,026
32	48	97 001	25 605,950	461 118,585	18,008	17,543	82	98	2 154	70,963	166,848	2,351	1,886
33	49	96 794	24 509,817	435 512,635	17,769	17,304	83	99	1 365	43,137	95,885	2,223	1,758
34	50	96 564	23 454,566	411 002,818	17,523	17,058	84	100	826	25,028	52,748	2,108	1,642
35	51	96 318	22 441,119	387 548,252	17,270	16,804							
36	52	96 045	21 465,335	365 107,133	17,009	16,544							
37	53	95 749	20 526,717	343 641,798	16,741	16,276							
38	54	95 416	19 621,500	323 115,081	16,467	16,002							
39	55	95 057	18 750,672	303 493,581	16,186	15,721							
40	56	94 652	17 909,573	284 742,909	15,899	15,434							
41	57	94 215	17 100,164	266 833,336	15,604	15,139							
42	58	93 725	16 317,713	249 733,172	15,304	14,839							
43	59	93 201	15 565,106	233 415,459	14,996	14,531							
44	60	92 622	14 837,663	217 850,353	14,682	14,217							
45	61	91 987	14 135,251	203 012,690	14,362	13,897							
46	62	91 301	13 457,911	188 877,439	14,035	13,569							
47	63	90 555	12 803,772	175 419,528	13,701	13,235							
48	64	89 733	12 170,326	162 615,755	13,362	12,896							
49	65	88 835	11 557,272	150 445,429	13,017	12,552							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	2 238 652,831	22,484	22,019	50	67	87 094	10 868,946	134 659,127	12,389	11,924
1	18	99 214	95 169,643	2 139 088,491	22,477	22,011	51	68	86 002	10 295,095	123 790,181	12,024	11,559
2	19	99 174	91 252,948	2 043 918,848	22,398	21,933	52	69	84 820	9 739,649	113 495,086	11,653	11,188
3	20	99 145	87 506,775	1 952 665,899	22,314	21,849	53	70	83 506	9 197,815	103 755,437	11,280	10,815
4	21	99 117	83 915,664	1 865 159,125	22,227	21,761	54	71	82 085	8 672,776	94 557,622	10,903	10,438
5	22	99 089	80 471,791	1 781 243,460	22,135	21,670	55	72	80 546	8 163,194	85 884,845	10,521	10,056
6	23	99 063	77 171,202	1 700 771,669	22,039	21,574	56	73	78 891	7 669,490	77 721,651	10,134	9,669
7	24	99 038	74 006,362	1 623 600,467	21,939	21,473	57	74	77 079	7 187,884	70 052,161	9,746	9,281
8	25	99 012	70 970,757	1 549 594,105	21,834	21,369	58	75	75 142	6 721,564	62 864,277	9,353	8,887
9	26	98 985	68 059,046	1 478 623,349	21,726	21,260	59	76	73 061	6 269,021	56 142,713	8,956	8,490
10	27	98 960	65 267,581	1 410 564,303	21,612	21,147	60	77	70 822	5 829,161	49 873,692	8,556	8,091
11	28	98 932	62 588,999	1 345 296,722	21,494	21,029	61	78	68 466	5 405,525	44 044,531	8,148	7,683
12	29	98 901	60 018,973	1 282 707,723	21,372	20,906	62	79	65 898	4 990,649	38 639,006	7,742	7,277
13	30	98 868	57 552,854	1 222 688,750	21,245	20,779	63	80	63 117	4 585,176	33 648,356	7,339	6,873
14	31	98 831	55 185,834	1 165 135,897	21,113	20,648	64	81	60 103	4 188,193	29 063,180	6,939	6,474
15	32	98 787	52 912,469	1 109 950,063	20,977	20,512	65	82	56 859	3 800,600	24 874,988	6,545	6,080
16	33	98 738	50 730,431	1 057 037,594	20,836	20,371	66	83	53 354	3 420,967	21 074,388	6,160	5,695
17	34	98 681	48 634,117	1 006 307,163	20,691	20,226	67	84	49 562	3 048,293	17 653,421	5,791	5,326
18	35	98 617	46 621,186	957 673,046	20,542	20,076	68	85	45 562	2 688,010	14 605,128	5,433	4,968
19	36	98 533	44 682,426	911 051,860	20,389	19,924	69	86	41 376	2 341,508	11 917,118	5,090	4,624
20	37	98 446	42 823,114	866 369,435	20,231	19,766	70	87	37 049	2 011,196	9 575,609	4,761	4,296
21	38	98 356	41 039,645	823 546,320	20,067	19,602	71	88	32 626	1 698,906	7 564,413	4,453	3,987
22	39	98 262	39 328,840	782 506,675	19,897	19,431	72	89	28 208	1 408,966	5 865,507	4,163	3,698
23	40	98 157	37 685,154	743 177,835	19,721	19,255	73	90	23 929	1 146,494	4 456,541	3,887	3,422
24	41	98 053	36 110,762	705 492,681	19,537	19,072	74	91	19 820	910,920	3 310,048	3,634	3,169
25	42	97 937	34 597,378	669 381,919	19,348	18,883	75	92	16 016	706,072	2 399,128	3,398	2,933
26	43	97 814	33 145,510	634 784,541	19,151	18,686	76	93	12 561	531,163	1 693,055	3,187	2,722
27	44	97 684	31 751,778	601 639,031	18,948	18,483	77	94	9 558	387,704	1 161,892	2,997	2,532
28	45	97 547	30 414,848	569 887,253	18,737	18,272	78	95	7 068	275,027	774,188	2,815	2,350
29	46	97 397	29 130,052	539 472,405	18,519	18,054	79	96	5 035	187,940	499,161	2,656	2,191
30	47	97 234	27 895,638	510 342,353	18,295	17,829	80	97	3 449	123,497	311,221	2,520	2,055
31	48	97 056	26 709,524	482 446,715	18,063	17,598	81	98	2 297	78,886	187,724	2,380	1,914
32	49	96 854	25 567,103	455 737,191	17,825	17,360	82	99	1 467	48,324	108,838	2,252	1,787
33	50	96 631	24 468,540	430 170,088	17,581	17,115	83	100	897	28,330	60,514	2,136	1,671
34	51	96 386	23 411,319	405 701,548	17,329	16,864							
35	52	96 118	22 394,520	382 290,229	17,071	16,605							
36	53	95 834	21 418,017	359 895,709	16,803	16,338							
37	54	95 512	20 475,839	338 477,693	16,531	16,065							
38	55	95 154	19 567,457	318 001,853	16,252	15,786							
39	56	94 761	18 692,313	298 434,396	15,966	15,500							
40	57	94 331	17 849,010	279 742,084	15,673	15,207							
41	58	93 861	17 035,931	261 893,073	15,373	14,908							
42	59	93 334	16 249,610	244 857,142	15,068	14,603							
43	60	92 770	15 492,970	228 607,533	14,756	14,290							
44	61	92 147	14 761,593	213 114,562	14,437	13,972							
45	62	91 473	14 056,289	198 352,969	14,111	13,646							
46	63	90 742	13 375,523	184 296,680	13,779	13,313							
47	64	89 943	12 717,217	170 921,157	13,440	12,975							
48	65	89 068	12 080,159	158 203,941	13,096	12,631							
49	66	88 123	11 464,655	146 123,782	12,746	12,280							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	2 232 336,269	22,424	21,959	50	68	86 279	10 767,235	130 268,218	12,099	11,633
1	19	99 198	95 154,195	2 132 784,837	22,414	21,949	51	69	85 125	10 190,044	119 500,983	11,727	11,262
2	20	99 158	91 237,949	2 037 630,642	22,333	21,868	52	70	83 841	9 627,192	109 310,940	11,354	10,889
3	21	99 129	87 492,451	1 946 392,693	22,246	21,781	53	71	82 458	9 082,367	99 683,747	10,976	10,510
4	22	99 100	83 901,416	1 858 900,242	22,156	21,691	54	72	80 951	8 552,966	90 601,381	10,593	10,128
5	23	99 072	80 458,290	1 774 998,826	22,061	21,596	55	73	79 342	8 041,172	82 048,414	10,204	9,738
6	24	99 047	77 158,580	1 694 540,536	21,962	21,497	56	74	77 570	7 541,133	74 007,243	9,814	9,349
7	25	99 022	73 994,205	1 617 381,956	21,858	21,393	57	75	75 677	7 057,121	66 466,110	9,418	8,953
8	26	98 993	70 956,959	1 543 387,751	21,751	21,286	58	76	73 630	6 586,326	59 408,988	9,020	8,555
9	27	98 968	68 046,915	1 472 430,792	21,638	21,173	59	77	71 443	6 130,169	52 822,662	8,617	8,152
10	28	98 939	65 253,891	1 404 383,877	21,522	21,057	60	78	69 127	5 689,620	46 692,492	8,207	7,741
11	29	98 908	62 574,104	1 339 129,986	21,401	20,935	61	79	66 604	5 258,454	41 002,872	7,798	7,332
12	30	98 877	60 004,162	1 276 555,883	21,274	20,809	62	80	63 868	4 836,896	35 744,418	7,390	6,925
13	31	98 840	57 536,579	1 216 551,721	21,144	20,679	63	81	60 892	4 423,496	30 907,523	6,987	6,522
14	32	98 799	55 168,064	1 159 015,142	21,009	20,544	64	82	57 674	4 018,926	26 484,027	6,590	6,125
15	33	98 754	52 894,695	1 103 847,078	20,869	20,404	65	83	54 186	3 621,963	22 465,101	6,202	5,737
16	34	98 704	50 712,664	1 050 952,383	20,724	20,258	66	84	50 409	3 232,144	18 843,138	5,830	5,365
17	35	98 643	48 615,549	1 000 239,719	20,574	20,109	67	85	46 401	2 853,849	15 610,995	5,470	5,005
18	36	98 571	46 599,417	951 624,171	20,421	19,956	68	86	42 204	2 489,920	12 757,146	5,124	4,658
19	37	98 486	44 661,119	905 024,754	20,264	19,799	69	87	37 847	2 141,828	10 267,225	4,794	4,328
20	38	98 397	42 801,492	860 363,635	20,101	19,636	70	88	33 378	1 811,897	8 125,398	4,484	4,019
21	39	98 302	41 016,905	817 562,144	19,932	19,467	71	89	28 930	1 506,413	6 313,500	4,191	3,726
22	40	98 198	39 303,250	776 545,239	19,758	19,293	72	90	24 575	1 227,482	4 807,087	3,916	3,451
23	41	98 095	37 661,295	737 241,988	19,576	19,110	73	91	20 409	977,825	3 579,605	3,661	3,196
24	42	97 981	36 084,296	699 580,694	19,387	18,922	74	92	16 532	759,773	2 601,780	3,424	2,959
25	43	97 858	34 569,463	663 496,398	19,193	18,728	75	93	13 006	573,369	1 842,007	3,213	2,747
26	44	97 727	33 115,822	628 926,936	18,992	18,527	76	94	9 930	419,906	1 268,638	3,021	2,556
27	45	97 591	31 721,746	595 811,114	18,782	18,317	77	95	7 365	298,743	848,732	2,841	2,376
28	46	97 442	30 382,132	564 089,368	18,566	18,101	78	96	5 271	205,100	549,989	2,682	2,216
29	47	97 282	29 095,557	533 707,237	18,343	17,878	79	97	3 629	135,446	344,889	2,546	2,081
30	48	97 108	27 859,392	504 611,680	18,113	17,648	80	98	2 433	87,097	209,443	2,405	1,939
31	49	96 909	26 669,003	476 752,288	17,877	17,411	81	99	1 564	53,719	122,345	2,277	1,812
32	50	96 690	25 524,046	450 083,285	17,634	17,168	82	100	963	31,737	68,626	2,162	1,697
33	51	96 453	24 423,423	424 559,239	17,383	16,918							
34	52	96 185	23 362,705	400 135,817	17,127	16,662							
35	53	95 906	22 345,153	376 773,112	16,862	16,396							
36	54	95 596	21 364,930	354 427,959	16,589	16,124							
37	55	95 249	20 419,443	333 063,029	16,311	15,846							
38	56	94 857	19 506,556	312 643,585	16,028	15,562							
39	57	94 441	18 629,103	293 137,030	15,735	15,270							
40	58	93 977	17 781,964	274 507,927	15,437	14,972							
41	59	93 469	16 964,830	256 725,962	15,133	14,668							
42	60	92 901	16 174,302	239 761,132	14,824	14,358							
43	61	92 294	15 413,541	223 586,831	14,506	14,041							
44	62	91 632	14 679,132	208 173,290	14,182	13,716							
45	63	90 913	13 970,238	193 494,158	13,850	13,385							
46	64	90 129	13 285,102	179 523,920	13,513	13,048							
47	65	89 277	12 622,997	166 238,818	13,170	12,704							
48	66	88 355	11 983,352	153 615,821	12,819	12,354							
49	67	87 351	11 364,250	141 632,469	12,463	11,998							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	2 225 681,978	22,361	21,896	50	69	85 399	10 657,366	125 716,514	11,796	11,331
1	20	99 182	95 138,555	2 126 146,705	22,348	21,883	51	70	84 142	10 072,386	115 059,148	11,423	10,958
2	21	99 142	91 223,015	2 031 008,151	22,264	21,799	52	71	82 788	9 506,354	104 986,762	11,044	10,579
3	22	99 112	87 477,595	1 939 785,136	22,175	21,709	53	72	81 318	8 956,898	95 480,407	10,660	10,195
4	23	99 083	83 887,339	1 852 307,540	22,081	21,616	54	73	79 741	8 425,117	86 523,509	10,270	9,804
5	24	99 056	80 445,130	1 768 420,201	21,983	21,518	55	74	78 014	7 906,594	78 098,392	9,878	9,412
6	25	99 031	77 145,905	1 687 975,071	21,880	21,415	56	75	76 159	7 403,944	70 191,797	9,480	9,015
7	26	99 002	73 979,819	1 610 829,166	21,774	21,309	57	76	74 154	6 915,132	62 787,853	9,080	8,615
8	27	98 975	70 944,312	1 536 849,346	21,663	21,198	58	77	71 999	6 440,447	56 523,721	8,675	8,210
9	28	98 947	68 032,642	1 465 905,035	21,547	21,082	59	78	69 733	5 983,423	49 432,274	8,262	7,796
10	29	98 915	65 238,361	1 397 872,392	21,427	20,962	60	79	67 246	5 534,820	43 448,852	7,850	7,385
11	30	98 884	62 558,663	1 332 634,031	21,302	20,837	61	80	64 552	5 096,450	37 914,032	7,439	6,974
12	31	98 849	59 987,194	1 270 075,369	21,172	20,707	62	81	61 616	4 666,339	32 817,582	7,033	6,568
13	32	98 808	57 518,052	1 210 088,175	21,038	20,573	63	82	58 431	4 244,719	28 151,243	6,632	6,167
14	33	98 766	55 149,533	1 152 570,123	20,899	20,434	64	83	54 963	3 830,027	23 906,524	6,242	5,777
15	34	98 719	52 876,170	1 097 420,591	20,755	20,289	65	84	51 195	3 422,045	20 076,497	5,867	5,402
16	35	98 666	50 693,302	1 044 544,421	20,605	20,140	66	85	47 194	3 025,972	16 654,451	5,504	5,039
17	36	98 597	48 592,848	993 851,119	20,453	19,987	67	86	42 982	2 643,538	13 628,480	5,155	4,690
18	37	98 524	46 577,195	945 258,271	20,294	19,829	68	87	38 605	2 277,584	10 984,942	4,823	4,358
19	38	98 436	44 638,568	898 681,075	20,132	19,667	69	88	34 097	1 929,584	8 707,358	4,513	4,047
20	39	98 342	42 777,775	854 042,508	19,965	19,499	70	89	29 596	1 606,602	6 777,774	4,219	3,753
21	40	98 238	40 990,217	811 264,733	19,792	19,326	71	90	25 203	1 312,378	5 171,172	3,940	3,475
22	41	98 136	39 278,367	770 274,515	19,611	19,145	72	91	20 960	1 046,899	3 858,794	3,686	3,221
23	42	98 023	37 633,691	730 996,149	19,424	18,959	73	92	17 022	815,576	2 811,895	3,448	2,983
24	43	97 902	36 055,180	693 362,458	19,231	18,765	74	93	13 424	616,977	1 996,319	3,236	2,770
25	44	97 770	34 538,499	657 307,277	19,031	18,566	75	94	10 282	453,272	1 379,343	3,043	2,578
26	45	97 634	33 084,499	622 768,778	18,824	18,358	76	95	7 651	323,556	926,071	2,862	2,397
27	46	97 486	31 687,624	589 684,279	18,609	18,144	77	96	5 492	222,787	602,515	2,704	2,239
28	47	97 327	30 346,154	557 996,655	18,388	17,923	78	97	3 799	147,813	379,728	2,569	2,104
29	48	97 156	29 057,751	527 650,501	18,159	17,693	79	98	2 559	95,525	231,915	2,428	1,963
30	49	96 960	27 817,126	498 592,751	17,924	17,459	80	99	1 657	59,311	136,391	2,300	1,834
31	50	96 746	26 624,090	470 775,625	17,682	17,217	81	100	1 027	35,280	77,079	2,185	1,720
32	51	96 512	25 476,982	444 151,534	17,433	16,968							
33	52	96 253	24 372,708	418 674,552	17,178	16,713							
34	53	95 973	23 311,204	394 301,845	16,915	16,449							
35	54	95 668	22 289,768	370 990,641	16,644	16,179							
36	55	95 333	21 306,085	348 700,873	16,366	15,901							
37	56	94 952	20 355,890	327 394,787	16,084	15,618							
38	57	94 537	19 440,592	307 038,897	15,794	15,328							
39	58	94 086	18 559,127	287 598,304	15,496	15,031							
40	59	93 585	17 707,750	269 039,178	15,193	14,728							
41	60	93 036	16 886,207	251 331,428	14,884	14,419							
42	61	92 425	16 091,379	234 445,220	14,570	14,104							
43	62	91 778	15 327,438	218 353,841	14,246	13,781							
44	63	91 071	14 589,268	203 026,403	13,916	13,451							
45	64	90 299	13 875,796	188 437,135	13,580	13,115							
46	65	89 461	13 186,675	174 561,339	13,238	12,772							
47	66	88 561	12 521,840	161 374,664	12,887	12,422							
48	67	87 581	11 878,405	148 852,824	12,531	12,066							
49	68	86 534	11 257,905	136 974,419	12,167	11,702							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	2 218 680,897	22,294	21,829	50	70	84 413	10 534,313	121 007,806	11,487	11,022
1	21	99 166	95 122,982	2 119 161,985	22,278	21,813	51	71	83 086	9 945,960	110 473,492	11,107	10,642
2	22	99 125	91 207,526	2 024 039,003	22,192	21,726	52	72	81 645	9 375,029	100 527,532	10,723	10,258
3	23	99 095	87 462,919	1 932 831,477	22,099	21,634	53	73	80 103	8 823,011	91 152,503	10,331	9,866
4	24	99 067	83 873,618	1 845 368,558	22,002	21,537	54	74	78 407	8 284,114	82 329,492	9,938	9,473
5	25	99 040	80 431,916	1 761 494,940	21,900	21,435	55	75	76 595	7 762,757	74 045,378	9,539	9,073
6	26	99 011	77 130,907	1 681 063,024	21,795	21,330	56	76	74 627	7 254,977	66 282,621	9,136	8,671
7	27	98 985	73 966,633	1 603 932,117	21,685	21,219	57	77	72 512	6 761,970	59 027,644	8,729	8,264
8	28	98 954	70 929,431	1 529 965,484	21,570	21,105	58	78	70 276	6 286,273	52 329,492	8,314	7,849
9	29	98 923	68 016,451	1 459 036,053	21,451	20,986	59	79	67 836	5 820,629	45 979,401	7,899	7,434
10	30	98 891	65 222,263	1 391 019,602	21,327	20,862	60	80	65 174	5 364,301	40 158,773	7,486	7,021
11	31	98 856	62 540,972	1 325 797,339	21,199	20,734	61	81	62 276	4 916,741	34 794,472	7,077	6,612
12	32	98 817	59 967,431	1 263 256,367	21,066	20,600	62	82	59 126	4 477,748	29 877,730	6,672	6,207
13	33	98 775	57 498,731	1 203 288,490	20,927	20,462	63	83	55 684	4 045,207	25 399,983	6,279	5,814
14	34	98 731	55 130,218	1 145 789,759	20,783	20,318	64	84	51 929	3 618,625	21 354,775	5,901	5,436
15	35	98 681	52 855,982	1 090 659,541	20,635	20,169	65	85	47 930	3 203,760	17 736,150	5,536	5,071
16	36	98 620	50 669,631	1 037 803,559	20,482	20,017	66	86	43 716	2 802,977	14 532,390	5,185	4,719
17	37	98 550	48 569,677	987 133,928	20,324	19,859	67	87	39 316	2 418,101	11 729,413	4,851	4,385
18	38	98 474	46 553,677	938 564,251	20,161	19,696	68	88	34 780	2 051,887	9 311,312	4,538	4,073
19	39	98 382	44 613,833	892 010,574	19,994	19,529	69	89	30 233	1 710,954	7 259,425	4,243	3,778
20	40	98 278	42 749,942	847 396,741	19,822	19,357	70	90	25 784	1 399,662	5 548,471	3,964	3,499
21	41	98 175	40 964,265	804 646,799	19,643	19,177	71	91	21 496	1 119,305	4 148,809	3,707	3,241
22	42	98 064	39 249,578	763 682,534	19,457	18,992	72	92	17 482	873,189	3 029,504	3,469	3,004
23	43	97 944	37 603,326	724 432,956	19,265	18,800	73	93	13 823	662,292	2 156,316	3,256	2,791
24	44	97 815	36 022,886	686 829,630	19,066	18,601	74	94	10 613	487,745	1 494,024	3,063	2,598
25	45	97 677	34 505,831	650 806,744	18,861	18,396	75	95	7 922	349,266	1 006,278	2,881	2,416
26	46	97 529	33 048,911	616 300,913	18,648	18,183	76	96	5 706	241,291	657,013	2,723	2,258
27	47	97 371	31 650,100	583 252,002	18,428	17,963	77	97	3 958	160,559	415,722	2,589	2,124
28	48	97 201	30 306,723	551 601,902	18,201	17,735	78	98	2 679	104,247	255,163	2,448	1,982
29	49	97 008	29 013,667	521 295,179	17,967	17,502	79	99	1 743	65,050	150,916	2,320	1,855
30	50	96 797	27 770,280	492 281,512	17,727	17,262	80	100	1 088	38,952	85,866	2,204	1,739
31	51	96 568	26 574,998	464 511,232	17,479	17,014							
32	52	96 312	25 424,079	437 936,234	17,225	16,760							
33	53	96 041	24 318,980	412 512,155	16,963	16,497							
34	54	95 736	23 253,425	388 193,175	16,694	16,229							
35	55	95 405	22 228,376	364 939,750	16,418	15,953							
36	56	95 036	21 239,773	342 711,374	16,135	15,670							
37	57	94 631	20 287,055	321 471,601	15,846	15,381							
38	58	94 181	19 367,568	301 184,546	15,551	15,086							
39	59	93 693	18 481,669	281 816,978	15,248	14,783							
40	60	93 151	17 625,684	263 335,309	14,940	14,475							
41	61	92 559	16 799,635	245 709,625	14,626	14,161							
42	62	91 908	16 001,490	228 909,990	14,306	13,840							
43	63	91 217	15 233,605	212 908,500	13,976	13,511							
44	64	90 455	14 490,642	197 674,896	13,642	13,176							
45	65	89 630	13 772,993	183 184,254	13,300	12,835							
46	66	88 744	13 081,001	169 411,261	12,951	12,486							
47	67	87 786	12 412,177	156 330,260	12,595	12,130							
48	68	86 761	11 767,247	143 918,082	12,230	11,765							
49	69	85 651	11 143,029	132 150,835	11,860	11,394							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	2 211 320,473	22,224	21,759	50	71	83 353	10 402,089	116 151,385	11,166	10,701
1	22	99 149	95 106,831	2 111 817,850	22,205	21,739	51	72	81 938	9 808,562	105 749,296	10,781	10,316
2	23	99 108	91 192,223	2 016 711,020	22,115	21,650	52	73	80 424	9 234,892	95 940,734	10,389	9,924
3	24	99 079	87 448,613	1 925 518,796	22,019	21,554	53	74	78 762	8 675,349	86 705,843	9,995	9,529
4	25	99 051	83 859,841	1 838 070,183	21,918	21,453	54	75	76 980	8 133,409	78 030,494	9,594	9,129
5	26	99 020	80 416,279	1 754 210,342	21,814	21,349	55	76	75 054	7 606,570	69 897,085	9,189	8,724
6	27	98 994	77 117,159	1 673 794,064	21,705	21,239	56	77	72 974	7 094,288	62 290,515	8,780	8,315
7	28	98 964	73 951,119	1 596 676,905	21,591	21,126	57	78	70 776	6 600,099	55 196,227	8,363	7,898
8	29	98 931	70 912,551	1 522 725,786	21,473	21,008	58	79	68 364	6 115,239	48 596,128	7,947	7,482
9	30	98 899	67 999,667	1 451 813,235	21,350	20,885	59	80	65 746	5 641,305	42 480,889	7,530	7,065
10	31	98 863	65 203,819	1 383 813,568	21,223	20,758	60	81	62 876	5 175,147	36 839,584	7,119	6,653
11	32	98 824	62 520,833	1 318 609,749	21,091	20,626	61	82	59 759	4 718,030	31 664,437	6,711	6,246
12	33	98 784	59 947,734	1 256 088,916	20,953	20,488	62	83	56 347	4 267,283	26 946,407	6,315	5,849
13	34	98 740	57 478,593	1 196 141,182	20,810	20,345	63	84	52 611	3 821,929	22 679,124	5,934	5,469
14	35	98 694	55 109,169	1 138 662,589	20,662	20,197	64	85	48 617	3 387,800	18 857,195	5,566	5,101
15	36	98 635	52 831,302	1 083 553,419	20,510	20,044	65	86	44 398	2 967,663	15 469,395	5,213	4,747
16	37	98 573	50 645,469	1 030 722,118	20,352	19,886	66	87	39 988	2 563,943	12 501,732	4,876	4,411
17	38	98 501	48 545,152	980 076,649	20,189	19,724	67	88	35 420	2 178,480	9 937,789	4,562	4,097
18	39	98 420	46 527,881	931 531,497	20,021	19,556	68	89	30 839	1 819,400	7 759,309	4,265	3,800
19	40	98 318	44 584,805	885 003,615	19,850	19,385	69	90	26 339	1 490,573	5 939,909	3,985	3,520
20	41	98 216	42 722,876	840 418,810	19,671	19,206	70	91	21 991	1 193,748	4 449,336	3,727	3,262
21	42	98 103	40 934,241	797 695,934	19,487	19,022	71	92	17 929	933,581	3 255,589	3,487	3,022
22	43	97 985	39 217,909	756 761,693	19,296	18,831	72	93	14 196	709,076	2 322,008	3,275	2,809
23	44	97 856	37 569,645	717 543,784	19,099	18,634	73	94	10 928	523,569	1 612,932	3,081	2,615
24	45	97 722	35 988,814	679 974,139	18,894	18,429	74	95	8 177	375,829	1 089,362	2,899	2,433
25	46	97 572	34 468,714	643 985,325	18,683	18,218	75	96	5 908	260,464	713,533	2,739	2,274
26	47	97 414	33 009,775	609 516,611	18,465	18,000	76	97	4 112	173,895	453,070	2,605	2,140
27	48	97 244	31 608,975	576 506,836	18,239	17,773	77	98	2 792	113,236	279,175	2,465	2,000
28	49	97 053	30 260,744	544 897,861	18,007	17,542	78	99	1 824	70,989	165,938	2,338	1,872
29	50	96 845	28 964,806	514 637,117	17,768	17,302	79	100	1 145	42,721	94,949	2,223	1,757
30	51	96 619	27 719,074	485 672,311	17,521	17,056							
31	52	96 367	26 519,815	457 953,237	17,268	16,803							
32	53	96 099	25 368,034	431 433,421	17,007	16,542							
33	54	95 803	24 258,703	406 065,388	16,739	16,274							
34	55	95 472	23 189,379	381 806,684	16,465	16,000							
35	56	95 108	22 159,193	358 617,306	16,184	15,718							
36	57	94 715	21 167,949	336 458,113	15,895	15,429							
37	58	94 276	20 210,851	315 290,164	15,600	15,135							
38	59	93 788	19 286,736	295 079,313	15,300	14,834							
39	60	93 259	18 396,016	275 792,577	14,992	14,527							
40	61	92 674	17 535,321	257 396,561	14,679	14,214							
41	62	92 042	16 705,789	239 861,240	14,358	13,893							
42	63	91 346	15 903,530	223 155,451	14,032	13,567							
43	64	90 600	15 130,623	207 251,921	13,698	13,232							
44	65	89 785	14 383,284	192 121,299	13,357	12,892							
45	66	88 911	13 662,621	177 738,015	13,009	12,544							
46	67	87 967	12 966,441	164 075,394	12,654	12,189							
47	68	86 964	12 296,025	151 108,954	12,289	11,824							
48	69	85 876	11 647,175	138 812,929	11,918	11,453							
49	70	84 662	11 014,369	127 165,754	11,545	11,080							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	2 203 587,403	22,150	21,685	50	72	82 202	10 258,390	111 152,845	10,835	10,370
1	23	99 132	95 090,874	2 104 101,676	22,127	21,662	51	73	80 713	9 661,944	100 894,456	10,442	9,977
2	24	99 092	91 177,308	2 009 010,802	22,034	21,569	52	74	79 078	9 080,336	91 232,511	10,047	9,582
3	25	99 063	87 434,248	1 917 833,494	21,935	21,469	53	75	77 329	8 517,526	82 152,175	9,645	9,180
4	26	99 032	83 843,537	1 830 399,246	21,831	21,366	54	76	75 432	7 969,765	73 634,649	9,239	8,774
5	27	99 003	80 401,945	1 746 555,709	21,723	21,258	55	77	73 391	7 438,093	65 664,885	8,828	8,363
6	28	98 973	77 100,984	1 666 153,763	21,610	21,145	56	78	71 227	6 924,461	58 226,791	8,409	7,944
7	29	98 940	73 933,519	1 589 052,780	21,493	21,028	57	79	68 850	6 420,527	51 302,330	7,990	7,525
8	30	98 906	70 895,052	1 515 119,260	21,371	20,906	58	80	66 257	5 926,838	44 881,803	7,573	7,107
9	31	98 871	67 980,438	1 444 224,208	21,245	20,779	59	81	63 427	5 442,384	38 954,964	7,158	6,692
10	32	98 831	65 182,823	1 376 243,770	21,114	20,648	60	82	60 335	4 965,992	33 512,580	6,748	6,283
11	33	98 791	62 499,832	1 311 060,948	20,977	20,512	61	83	56 950	4 496,272	28 546,588	6,349	5,884
12	34	98 749	59 926,739	1 248 561,115	20,835	20,370	62	84	53 236	4 031,747	24 050,316	5,965	5,500
13	35	98 703	57 456,648	1 188 634,377	20,687	20,222	63	85	49 255	3 578,135	20 018,569	5,595	5,129
14	36	98 647	55 083,437	1 131 177,728	20,536	20,070	64	86	45 034	3 138,141	16 440,434	5,239	4,774
15	37	98 588	52 806,109	1 076 094,292	20,378	19,913	65	87	40 611	2 714,585	13 302,293	4,900	4,435
16	38	98 523	50 619,896	1 023 288,183	20,215	19,750	66	88	36 025	2 309,870	10 587,708	4,584	4,118
17	39	98 446	48 518,253	972 668,287	20,047	19,582	67	89	31 407	1 931,649	8 277,839	4,285	3,820
18	40	98 356	46 497,608	924 150,034	19,875	19,410	68	90	26 867	1 585,050	6 346,189	4,004	3,539
19	41	98 256	44 556,578	877 652,426	19,697	19,232	69	91	22 464	1 271,284	4 761,139	3,745	3,280
20	42	98 144	42 691,562	833 095,848	19,514	19,049	70	92	18 342	995,671	3 489,855	3,505	3,040
21	43	98 024	40 901,213	790 404,286	19,325	18,859	71	93	14 559	758,118	2 494,184	3,290	2,825
22	44	97 897	39 182,782	749 503,073	19,128	18,663	72	94	11 223	560,554	1 736,066	3,097	2,632
23	45	97 763	37 534,110	710 320,291	18,925	18,459	73	95	8 420	403,433	1 175,512	2,914	2,449
24	46	97 617	35 950,102	672 786,181	18,714	18,249	74	96	6 098	280,273	772,079	2,755	2,290
25	47	97 457	34 427,897	636 836,079	18,498	18,032	75	97	4 258	187,713	491,806	2,620	2,155
26	48	97 287	32 966,883	602 408,182	18,273	17,808	76	98	2 900	122,641	304,093	2,480	2,014
27	49	97 097	31 561,020	569 441,299	18,043	17,577	77	99	1 901	77,111	181,452	2,353	1,888
28	50	96 890	30 209,783	537 880,279	17,805	17,340	78	100	1 198	46,622	104,341	2,238	1,773
29	51	96 666	28 911,398	507 670,496	17,560	17,094							
30	52	96 418	27 661,515	478 759,098	17,308	16,843							
31	53	96 155	26 461,354	451 097,582	17,047	16,582							
32	54	95 861	25 305,157	424 636,228	16,781	16,315							
33	55	95 539	24 191,888	399 331,071	16,507	16,042							
34	56	95 175	23 117,204	375 139,183	16,228	15,762							
35	57	94 786	22 084,260	352 021,978	15,940	15,475							
36	58	94 359	21 088,436	329 937,718	15,645	15,180							
37	59	93 882	20 126,500	308 849,283	15,345	14,880							
38	60	93 354	19 197,352	288 722,783	15,040	14,575							
39	61	92 781	18 301,703	269 525,431	14,727	14,262							
40	62	92 156	17 437,365	251 223,727	14,407	13,942							
41	63	91 478	16 603,518	233 786,362	14,081	13,615							
42	64	90 728	15 796,019	217 182,845	13,749	13,284							
43	65	89 929	15 018,523	201 386,825	13,409	12,944							
44	66	89 066	14 268,020	186 368,303	13,062	12,597							
45	67	88 133	13 542,967	172 100,282	12,708	12,243							
46	68	87 144	12 845,102	158 557,316	12,344	11,879							
47	69	86 077	12 170,557	145 712,214	11,973	11,507							
48	70	84 884	11 512,693	133 541,657	11,600	11,134							
49	71	83 599	10 876,119	122 028,964	11,220	10,755							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	2 195 468,603	22,072	21,607	50	73	80 973	10 105,048	106 020,515	10,492	10,027
1	24	99 116	95 075,321	2 095 999,568	22,046	21,580	51	74	79 362	9 500,242	95 915,466	10,096	9,631
2	25	99 076	91 162,330	2 000 924,247	21,949	21,484	52	75	77 640	8 915,146	86 415,225	9,693	9,228
3	26	99 043	87 417,250	1 909 761,916	21,847	21,381	53	76	75 774	8 346,154	77 500,079	9,286	8,821
4	27	99 014	83 828,593	1 822 344,667	21,739	21,274	54	77	73 761	7 793,244	69 153,925	8,874	8,408
5	28	98 982	80 385,081	1 738 516,074	21,627	21,162	55	78	71 635	7 260,037	61 360,682	8,452	7,987
6	29	98 949	77 082,635	1 658 130,992	21,511	21,046	56	79	69 289	6 736,064	54 100,645	8,031	7,566
7	30	98 916	73 915,275	1 581 048,358	21,390	20,925	57	80	66 729	6 222,721	47 364,580	7,612	7,146
8	31	98 878	70 875,004	1 507 133,083	21,265	20,799	58	81	63 921	5 717,849	41 141,859	7,195	6,730
9	32	98 839	67 958,548	1 436 258,079	21,134	20,669	59	82	60 864	5 222,428	35 424,010	6,783	6,318
10	33	98 798	65 160,927	1 368 299,531	20,999	20,534	60	83	57 499	4 732,579	30 201,582	6,382	5,916
11	34	98 756	62 477,943	1 303 138,604	20,858	20,392	61	84	53 806	4 248,096	25 469,003	5,995	5,530
12	35	98 711	59 903,859	1 240 660,661	20,711	20,246	62	85	49 841	3 774,570	21 220,907	5,622	5,157
13	36	98 657	57 429,820	1 180 756,802	20,560	20,095	63	86	45 625	3 314,449	17 446,337	5,264	4,799
14	37	98 600	55 057,170	1 123 326,982	20,403	19,938	64	87	41 194	2 870,525	14 131,887	4,923	4,458
15	38	98 538	52 779,445	1 068 269,812	20,240	19,775	65	88	36 587	2 445,584	11 261,363	4,605	4,140
16	39	98 469	50 597,848	1 015 490,367	20,072	19,607	66	89	31 943	2 048,152	8 815,779	4,304	3,839
17	40	98 382	48 486,685	964 898,519	19,900	19,435	67	90	27 361	1 682,841	6 767,627	4,022	3,556
18	41	98 293	46 468,169	916 411,835	19,721	19,256	68	91	22 914	1 351,862	5 084,786	3,761	3,296
19	42	98 184	44 523,920	869 943,666	19,539	19,074	69	92	18 737	1 060,342	3 732,924	3,520	3,055
20	43	98 065	42 657,116	825 419,745	19,350	18,885	70	93	14 894	808,539	2 672,582	3,305	2,840
21	44	97 936	40 864,578	782 762,629	19,155	18,690	71	94	11 510	599,324	1 864,043	3,110	2,645
22	45	97 804	39 145,721	741 898,051	18,952	18,487	72	95	8 648	431,931	1 264,719	2,928	2,463
23	46	97 658	37 493,736	702 752,330	18,743	18,278	73	96	6 279	300,859	832,788	2,768	2,303
24	47	97 501	35 907,530	665 258,594	18,527	18,062	74	97	4 395	201,989	531,929	2,633	2,168
25	48	97 330	34 383,162	629 351,064	18,304	17,839	75	98	3 003	132,386	329,940	2,492	2,027
26	49	97 140	32 916,869	594 967,902	18,075	17,610	76	99	1 975	83,516	197,554	2,365	1,900
27	50	96 933	31 507,869	562 051,033	17,838	17,373	77	100	1 248	50,642	114,038	2,252	1,787
28	51	96 711	30 154,079	530 543,163	17,594	17,129							
29	52	96 466	28 851,363	500 389,084	17,344	16,878							
30	53	96 205	27 600,538	471 537,721	17,084	16,619							
31	54	95 916	26 395,768	443 937,183	16,818	16,353							
32	55	95 597	25 235,460	417 541,415	16,546	16,081							
33	56	95 241	24 116,594	392 305,955	16,267	15,802							
34	57	94 853	23 039,032	368 189,362	15,981	15,516							
35	58	94 430	22 001,305	345 150,330	15,688	15,223							
36	59	93 965	21 000,421	323 149,025	15,388	14,923							
37	60	93 447	20 033,224	302 148,603	15,082	14,617							
38	61	92 875	19 098,931	282 115,379	14,771	14,306							
39	62	92 262	18 199,467	263 016,448	14,452	13,987							
40	63	91 592	17 330,615	244 816,982	14,126	13,661							
41	64	90 860	16 491,275	227 486,367	13,794	13,329							
42	65	90 056	15 678,990	210 995,092	13,457	12,992							
43	66	89 208	14 898,169	195 316,102	13,110	12,645							
44	67	88 286	14 143,064	180 417,933	12,757	12,291							
45	68	87 308	13 416,232	166 274,869	12,394	11,928							
46	69	86 255	12 714,031	152 858,636	12,023	11,558							
47	70	85 083	12 030,032	140 144,605	11,650	11,184							
48	71	83 819	11 368,188	128 114,574	11,270	10,804							
49	72	82 444	10 725,871	116 746,385	10,885	10,419							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	2 186 949,663	21,990	21,525	50	74	79 618	9 935,930	100 761,254	10,141	9,676
1	25	99 100	95 059,703	2 087 496,897	21,960	21,495	51	75	77 918	9 327,412	90 825,324	9,737	9,272
2	26	99 057	91 144,607	1 992 437,194	21,860	21,395	52	76	76 078	8 735,773	81 497,912	9,329	8,864
3	27	99 026	87 401,669	1 901 292,587	21,754	21,288	53	77	74 095	8 161,296	72 762,139	8,916	8,450
4	28	98 993	83 811,010	1 813 890,918	21,643	21,177	54	78	71 995	7 606,686	64 600,843	8,493	8,027
5	29	98 958	80 365,950	1 730 079,908	21,528	21,062	55	79	69 686	7 062,510	56 994,157	8,070	7,605
6	30	98 925	77 063,613	1 649 713,958	21,407	20,942	56	80	67 155	6 528,537	49 931,648	7,648	7,183
7	31	98 888	73 894,373	1 572 650,344	21,282	20,817	57	81	64 376	6 003,298	43 403,111	7,230	6,765
8	32	98 847	70 852,182	1 498 755,971	21,153	20,688	58	82	61 338	5 486,761	37 399,812	6,816	6,351
9	33	98 806	67 935,720	1 427 903,789	21,018	20,553	59	83	58 003	4 976,962	31 913,052	6,412	5,947
10	34	98 763	65 138,106	1 359 968,070	20,878	20,413	60	84	54 325	4 471,361	26 936,090	6,024	5,559
11	35	98 718	62 454,089	1 294 829,963	20,733	20,267	61	85	50 374	3 977,118	22 464,729	5,648	5,183
12	36	98 665	59 875,888	1 232 375,874	20,582	20,117	62	86	46 168	3 496,408	18 487,611	5,288	4,822
13	37	98 610	57 402,434	1 172 499,986	20,426	19,961	63	87	41 734	3 031,798	14 991,203	4,945	4,479
14	38	98 551	55 029,370	1 115 097,552	20,264	19,798	64	88	37 111	2 586,071	11 959,405	4,625	4,159
15	39	98 484	52 750,200	1 060 068,183	20,096	19,631	65	89	32 442	2 168,489	9 373,334	4,323	3,857
16	40	98 404	50 558,930	1 007 317,983	19,924	19,458	66	90	27 829	1 784,337	7 204,845	4,038	3,573
17	41	98 320	48 455,986	956 759,053	19,745	19,280	67	91	23 336	1 435,266	5 420,507	3,777	3,311
18	42	98 221	46 434,111	908 303,066	19,561	19,096	68	92	19 112	1 127,550	3 985,241	3,534	3,069
19	43	98 104	44 487,996	861 868,956	19,373	18,908	69	93	15 215	861,055	2 857,691	3,319	2,854
20	44	97 977	42 618,909	817 380,960	19,179	18,714	70	94	11 775	639,183	1 996,636	3,124	2,659
21	45	97 844	40 825,926	774 762,051	18,977	18,512	71	95	8 869	461,805	1 357,452	2,939	2,474
22	46	97 699	39 103,613	733 936,125	18,769	18,304	72	96	6 449	322,111	895,647	2,781	2,315
23	47	97 542	37 449,336	694 832,512	18,554	18,089	73	97	4 525	216,825	573,536	2,645	2,180
24	48	97 375	35 860,873	657 383,175	18,331	17,866	74	98	3 100	142,455	356,711	2,504	2,039
25	49	97 182	34 330,999	621 522,302	18,104	17,639	75	99	2 045	90,152	214,256	2,377	1,911
26	50	96 976	32 861,435	587 191,303	17,869	17,403	76	100	1 297	54,849	124,105	2,263	1,797
27	51	96 755	31 449,772	554 329,868	17,626	17,161							
28	52	96 510	30 091,464	522 880,096	17,376	16,911							
29	53	96 253	28 787,763	492 788,632	17,118	16,653							
30	54	95 967	27 532,128	464 000,869	16,853	16,388							
31	55	95 652	26 323,067	436 468,742	16,581	16,116							
32	56	95 300	25 156,917	410 145,675	16,303	15,838							
33	57	94 919	24 035,041	384 988,758	16,018	15,553							
34	58	94 497	22 952,490	360 953,716	15,726	15,261							
35	59	94 036	21 909,481	338 001,226	15,427	14,962							
36	60	93 530	20 903,096	316 091,745	15,122	14,657							
37	61	92 968	19 930,518	295 188,649	14,811	14,346							
38	62	92 356	18 992,241	275 258,132	14,493	14,028							
39	63	91 698	18 088,051	256 265,891	14,168	13,702							
40	64	90 973	17 213,457	238 177,839	13,837	13,372							
41	65	90 187	16 369,094	220 964,383	13,499	13,034							
42	66	89 334	15 553,343	204 595,288	13,154	12,689							
43	67	88 427	14 767,694	189 041,945	12,801	12,336							
44	68	87 460	14 010,715	174 274,251	12,439	11,973							
45	69	86 417	13 279,334	160 263,536	12,069	11,603							
46	70	85 259	12 567,231	146 984,203	11,696	11,231							
47	71	84 015	11 879,034	134 416,972	11,315	10,850							
48	72	82 661	11 211,143	122 537,938	10,930	10,465							
49	73	81 212	10 565,542	111 326,796	10,537	10,072							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	2 178 015,404	21,904	21,438	50	75	78 170	9 755,174	95 388,720	9,778	9,313
1	26	99 080	95 041,222	2 078 578,974	21,870	21,405	51	76	76 351	9 139,745	85 633,546	9,369	8,904
2	27	99 039	91 128,362	1 983 537,752	21,766	21,301	52	77	74 393	8 542,286	76 493,801	8,955	8,490
3	28	99 005	87 383,336	1 892 409,391	21,656	21,191	53	78	72 322	7 965,928	67 951,515	8,530	8,065
4	29	98 970	83 791,064	1 805 026,055	21,542	21,077	54	79	70 036	7 399,727	59 985,588	8,106	7,641
5	30	98 934	80 346,119	1 721 234,991	21,423	20,958	55	80	67 539	6 844,925	52 585,861	7,682	7,217
6	31	98 897	77 041,821	1 640 888,872	21,299	20,833	56	81	64 787	6 298,331	45 740,936	7,262	6,797
7	32	98 856	73 870,579	1 563 847,051	21,170	20,705	57	82	61 774	5 760,673	39 442,605	6,847	6,382
8	33	98 813	70 828,382	1 489 976,472	21,036	20,571	58	83	58 455	5 228,870	33 681,932	6,442	5,976
9	34	98 771	67 911,927	1 419 148,090	20,897	20,432	59	84	54 802	4 702,254	28 453,061	6,051	5,586
10	35	98 726	65 113,237	1 351 236,163	20,752	20,287	60	85	50 860	4 186,141	23 750,807	5,674	5,208
11	36	98 672	62 424,927	1 286 122,926	20,603	20,137	61	86	46 662	3 684,030	19 564,666	5,311	4,845
12	37	98 618	59 847,335	1 223 697,999	20,447	19,982	62	87	42 231	3 198,239	15 880,636	4,965	4,500
13	38	98 560	57 373,449	1 163 850,664	20,286	19,820	63	88	37 599	2 731,363	12 682,397	4,643	4,178
14	39	98 496	54 998,878	1 106 477,214	20,118	19,653	64	89	32 907	2 293,058	9 951,034	4,340	3,874
15	40	98 420	52 715,878	1 051 478,337	19,946	19,481	65	90	28 263	1 889,174	7 657,975	4,054	3,588
16	41	98 342	50 526,920	998 762,459	19,767	19,302	66	91	23 735	1 521,831	5 768,801	3,791	3,325
17	42	98 248	48 420,471	948 235,539	19,583	19,118	67	92	19 464	1 197,115	4 246,970	3,548	3,082
18	43	98 142	46 396,645	899 815,068	19,394	18,929	68	93	15 520	915,632	3 049,855	3,331	2,866
19	44	98 016	44 448,148	853 418,423	19,200	18,735	69	94	12 028	680,700	2 134,223	3,135	2,670
20	45	97 884	42 578,598	808 970,274	18,999	18,534	70	95	9 073	492,519	1 453,523	2,951	2,486
21	46	97 739	40 782,011	766 391,677	18,792	18,327	71	96	6 614	344,389	961,005	2,790	2,325
22	47	97 583	39 057,307	725 609,665	18,578	18,113	72	97	4 648	232,141	616,616	2,656	2,191
23	48	97 416	37 400,676	686 552,358	18,357	17,891	73	98	3 192	152,918	384,474	2,514	2,049
24	49	97 227	35 806,468	649 151,682	18,129	17,664	74	99	2 111	97,008	231,556	2,387	1,922
25	50	97 019	34 273,184	613 345,214	17,896	17,431	75	100	1 343	59,207	134,548	2,273	1,807
26	51	96 797	32 800,842	579 072,031	17,654	17,189							
27	52	96 554	31 384,466	546 271,189	17,406	16,941							
28	53	96 297	30 025,130	514 886,723	17,149	16,683							
29	54	96 014	28 716,410	484 861,593	16,884	16,419							
30	55	95 703	27 456,297	456 145,183	16,613	16,148							
31	56	95 354	26 241,139	428 688,886	16,337	15,871							
32	57	94 977	25 071,847	402 447,747	16,052	15,587							
33	58	94 563	23 944,759	377 375,900	15,760	15,295							
34	59	94 102	22 856,696	353 431,141	15,463	14,998							
35	60	93 600	21 807,942	330 574,444	15,158	14,693							
36	61	93 050	20 795,930	308 766,502	14,847	14,382							
37	62	92 449	19 819,182	287 970,573	14,530	14,065							
38	63	91 791	18 875,972	268 151,391	14,206	13,741							
39	64	91 078	17 965,773	249 275,418	13,875	13,410							
40	65	90 299	17 085,926	231 309,646	13,538	13,073							
41	66	89 464	16 237,917	214 223,720	13,193	12,728							
42	67	88 552	15 417,131	197 985,803	12,842	12,377							
43	68	87 599	14 629,499	182 568,672	12,479	12,014							
44	69	86 567	13 867,750	167 939,173	12,110	11,645							
45	70	85 419	13 126,007	154 071,423	11,738	11,273							
46	71	84 189	12 409,490	140 945,417	11,358	10,893							
47	72	82 854	11 714,931	128 535,927	10,972	10,507							
48	73	81 425	11 043,560	116 820,996	10,578	10,113							
49	74	79 853	10 388,716	105 777,436	10,182	9,717							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	11 775,321	185 756,436	15,775	15,310
1	0	99 661	95 598,467	2 206 772,761	23,084	22,619	51	50	93 896	11 240,016	173 981,115	15,479	15,014
2	1	99 349	91 413,882	2 111 174,294	23,095	22,629	52	51	93 387	10 723,404	162 741,099	15,176	14,711
3	2	99 314	87 656,013	2 019 760,412	23,042	22,577	53	52	92 821	10 223,861	152 017,695	14,869	14,404
4	3	99 289	84 061,492	1 932 104,399	22,984	22,519	54	53	92 198	9 741,271	141 793,835	14,556	14,091
5	4	99 268	80 617,286	1 848 042,908	22,924	22,458	55	54	91 509	9 274,302	132 052,564	14,239	13,773
6	5	99 250	77 316,584	1 767 425,622	22,860	22,394	56	55	90 738	8 821,259	122 778,262	13,918	13,453
7	6	99 234	74 152,872	1 690 109,039	22,792	22,327	57	56	89 883	8 381,876	113 957,003	13,596	13,130
8	7	99 217	71 117,748	1 615 956,166	22,722	22,257	58	57	88 946	7 956,332	105 575,127	13,269	12,804
9	8	99 205	68 210,019	1 544 838,419	22,648	22,183	59	58	87 927	7 544,578	97 618,795	12,939	12,474
10	9	99 190	65 419,308	1 476 628,400	22,572	22,107	60	59	86 799	7 144,177	90 074,217	12,608	12,143
11	10	99 177	62 744,325	1 411 209,092	22,491	22,026	61	60	85 572	6 755,996	82 930,040	12,275	11,810
12	11	99 165	60 178,898	1 348 464,767	22,408	21,942	62	61	84 231	6 379,051	76 174,044	11,941	11,476
13	12	99 148	57 716,012	1 288 285,869	22,321	21,856	63	62	82 776	6 013,295	69 794,992	11,607	11,142
14	13	99 133	55 354,438	1 230 569,856	22,231	21,766	64	63	81 204	5 658,570	63 781,697	11,272	10,806
15	14	99 113	53 087,026	1 175 215,418	22,138	21,672	65	64	79 515	5 314,996	58 123,127	10,936	10,470
16	15	99 088	50 910,196	1 122 128,392	22,041	21,576	66	65	77 714	4 982,856	52 808,131	10,598	10,133
17	16	99 054	48 817,901	1 071 218,196	21,943	21,478	67	66	75 796	4 661,761	47 825,275	10,259	9,794
18	17	99 015	46 809,252	1 022 400,295	21,842	21,377	68	67	73 774	4 352,410	43 163,514	9,917	9,452
19	18	98 964	44 877,809	975 591,043	21,739	21,274	69	68	71 648	4 054,682	38 811,104	9,572	9,107
20	19	98 908	43 023,903	930 713,234	21,632	21,167	70	69	69 422	3 768,533	34 756,422	9,223	8,758
21	20	98 851	41 246,120	887 689,331	21,522	21,057	71	70	67 076	3 492,726	30 987,889	8,872	8,407
22	21	98 795	39 542,148	846 443,211	21,406	20,941	72	71	64 582	3 225,783	27 495,163	8,524	8,058
23	22	98 737	37 907,779	806 901,063	21,286	20,821	73	72	62 016	2 971,325	24 269,380	8,168	7,703
24	23	98 678	36 341,001	768 993,283	21,160	20,695	74	73	59 328	2 726,645	21 298,055	7,811	7,346
25	24	98 617	34 837,806	732 652,283	21,030	20,565	75	74	56 516	2 491,518	18 571,410	7,454	6,989
26	25	98 557	33 397,313	697 814,477	20,894	20,429	76	75	53 588	2 266,127	16 079,891	7,096	6,631
27	26	98 495	32 015,449	664 417,164	20,753	20,288	77	76	50 543	2 050,244	13 813,764	6,738	6,272
28	27	98 433	30 690,980	632 401,714	20,605	20,140	78	77	47 434	1 845,674	11 763,519	6,374	5,908
29	28	98 367	29 420,000	601 710,734	20,452	19,987	79	78	44 228	1 650,771	9 917,845	6,008	5,543
30	29	98 295	28 199,989	572 290,734	20,294	19,829	80	79	40 896	1 464,183	8 267,074	5,646	5,181
31	30	98 219	27 029,392	544 090,745	20,130	19,664	81	80	37 425	1 285,286	6 802,891	5,293	4,828
32	31	98 135	25 905,274	517 061,354	19,960	19,494	82	81	33 859	1 115,432	5 517,606	4,947	4,481
33	32	98 043	24 826,006	491 156,080	19,784	19,319	83	82	30 236	955,461	4 402,174	4,607	4,142
34	33	97 941	23 789,225	466 330,074	19,603	19,137	84	83	26 539	804,431	3 446,713	4,285	3,819
35	34	97 838	22 795,378	442 540,848	19,414	18,948	85	84	22 828	663,738	2 642,282	3,981	3,516
36	35	97 727	21 841,219	419 745,470	19,218	18,753	86	85	19 194	535,321	1 978,544	3,696	3,231
37	36	97 595	20 922,534	397 904,251	19,018	18,553	87	86	15 740	421,112	1 443,223	3,427	2,962
38	37	97 451	20 039,996	376 981,717	18,811	18,346	88	87	12 540	321,820	1 022,111	3,176	2,711
39	38	97 303	19 193,790	356 941,721	18,597	18,132	89	88	9 640	237,302	700,291	2,951	2,486
40	39	97 137	18 379,861	337 747,932	18,376	17,911	90	89	7 136	168,496	462,990	2,748	2,283
41	40	96 954	17 597,286	319 368,071	18,149	17,683	91	90	5 077	114,986	294,494	2,561	2,096
42	41	96 752	16 844,730	301 770,786	17,915	17,450	92	91	3 461	75,193	179,508	2,387	1,922
43	42	96 544	16 123,331	284 926,056	17,672	17,206	93	92	2 240	46,687	104,316	2,234	1,769
44	43	96 312	15 428,903	268 802,724	17,422	16,957	94	93	1 374	27,459	57,628	2,099	1,633
45	44	96 059	14 761,013	253 373,822	17,165	16,700	95	94	793	15,203	30,169	1,984	1,519
46	45	95 788	14 119,267	238 612,809	16,900	16,435	96	95	433	7,968	14,967	1,878	1,413
47	46	95 488	13 501,187	224 493,541	16,628	16,162	97	96	221	3,907	6,999	1,791	1,326
48	47	95 152	12 905,282	210 992,355	16,349	15,884	98	97	106	1,802	3,092	1,716	1,251
49	48	94 779	12 330,637	198 087,073	16,065	15,599	99	98	49	0,790	1,291	1,634	1,169
							100	99	21	0,319	0,501	1,568	1,102

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	11 793,213	187 191,545	15,873	15,408
1							51	49	94 054	11 258,976	175 398,332	15,579	15,113
2	0	99 637	91 679,006	2 113 252,372	23,051	22,585	52	50	93 560	10 743,213	164 139,355	15,278	14,813
3	1	99 336	87 675,513	2 021 573,366	23,057	22,592	53	51	93 014	10 245,135	153 396,143	14,973	14,507
4	2	99 302	84 072,539	1 933 897,853	23,003	22,538	54	52	92 402	9 762,792	143 151,008	14,663	14,198
5	3	99 278	80 625,324	1 849 825,314	22,943	22,478	55	53	91 737	9 297,346	133 388,215	14,347	13,882
6	4	99 259	77 323,702	1 769 199,990	22,880	22,415	56	54	90 989	8 845,622	124 090,869	14,029	13,563
7	5	99 241	74 157,911	1 691 876,289	22,815	22,349	57	55	90 163	8 408,045	115 245,247	13,707	13,241
8	6	99 224	71 122,941	1 617 718,378	22,745	22,280	58	56	89 247	7 983,328	106 837,202	13,383	12,917
9	7	99 210	68 213,268	1 546 595,437	22,673	22,208	59	57	88 259	7 573,025	98 853,873	13,053	12,588
10	8	99 197	65 424,023	1 478 382,170	22,597	22,132	60	58	87 163	7 174,118	91 280,849	12,724	12,258
11	9	99 182	62 747,661	1 412 958,147	22,518	22,053	61	59	85 970	6 787,453	84 106,731	12,392	11,926
12	10	99 170	60 182,244	1 350 210,486	22,435	21,970	62	60	84 665	6 411,924	77 319,272	12,059	11,593
13	11	99 156	57 720,451	1 290 028,243	22,350	21,884	63	61	83 241	6 047,075	70 907,354	11,726	11,261
14	12	99 139	55 357,937	1 232 307,791	22,261	21,796	64	62	81 704	5 693,425	64 860,279	11,392	10,927
15	13	99 121	53 091,223	1 176 949,855	22,168	21,703	65	63	80 056	5 351,171	59 166,854	11,057	10,592
16	14	99 097	50 914,893	1 123 858,632	22,073	21,608	66	64	78 294	5 020,048	53 815,683	10,720	10,255
17	15	99 066	48 823,553	1 072 943,739	21,976	21,511	67	65	76 408	4 699,421	48 795,635	10,383	9,918
18	16	99 028	46 815,236	1 024 120,186	21,876	21,411	68	66	74 426	4 390,864	44 096,214	10,043	9,578
19	17	98 977	44 883,629	977 304,949	21,774	21,309	69	67	72 325	4 092,983	39 705,350	9,701	9,236
20	18	98 924	43 030,887	932 421,321	21,669	21,203	70	68	70 138	3 807,384	35 612,366	9,354	8,888
21	19	98 867	41 252,901	889 390,433	21,559	21,094	71	69	67 859	3 533,525	31 804,982	9,001	8,536
22	20	98 811	39 548,622	848 137,532	21,445	20,980	72	70	65 403	3 266,787	28 271,457	8,654	8,189
23	21	98 753	37 914,217	808 588,910	21,327	20,862	73	71	62 885	3 012,948	25 004,670	8,299	7,834
24	22	98 695	36 347,099	770 674,694	21,203	20,738	74	72	60 228	2 768,021	21 991,723	7,945	7,480
25	23	98 633	34 843,505	734 327,595	21,075	20,610	75	73	57 478	2 533,926	19 223,702	7,587	7,121
26	24	98 574	33 402,800	699 484,090	20,941	20,476	76	74	54 581	2 308,117	16 689,775	7,231	6,766
27	25	98 514	32 021,675	666 081,290	20,801	20,336	77	75	51 581	2 092,342	14 381,658	6,873	6,408
28	26	98 451	30 696,451	634 059,615	20,656	20,191	78	76	48 508	1 887,480	12 289,316	6,511	6,046
29	27	98 387	29 426,172	603 363,164	20,504	20,039	79	77	45 313	1 691,257	10 401,836	6,150	5,685
30	28	98 318	28 206,702	573 936,991	20,348	19,882	80	78	42 040	1 505,134	8 710,579	5,787	5,322
31	29	98 243	27 036,063	545 730,290	20,185	19,720	81	79	38 615	1 326,142	7 205,445	5,433	4,968
32	30	98 162	25 912,601	518 694,226	20,017	19,552	82	80	35 097	1 156,201	5 879,304	5,085	4,620
33	31	98 075	24 834,003	492 781,625	19,843	19,378	83	81	31 510	995,703	4 723,103	4,743	4,278
34	32	97 974	23 797,219	467 947,622	19,664	19,199	84	82	27 848	844,106	3 727,400	4,416	3,951
35	33	97 873	22 803,364	444 150,403	19,477	19,012	85	83	24 161	702,514	2 883,294	4,104	3,639
36	34	97 764	21 849,561	421 347,038	19,284	18,819	86	84	20 501	571,795	2 180,780	3,814	3,349
37	35	97 641	20 932,308	399 497,477	19,085	18,620	87	85	16 993	454,614	1 608,985	3,539	3,074
38	36	97 498	20 049,556	378 565,169	18,881	18,416	88	86	13 709	351,822	1 154,371	3,281	2,816
39	37	97 352	19 203,486	358 515,613	18,669	18,204	89	87	10 700	263,404	802,549	3,047	2,582
40	38	97 191	18 390,051	339 312,127	18,451	17,986	90	88	8 047	190,026	539,145	2,837	2,372
41	39	97 017	17 608,743	320 922,076	18,225	17,760	91	89	5 827	131,986	349,119	2,645	2,180
42	40	96 813	16 855,402	303 313,333	17,995	17,530	92	90	4 058	88,163	217,132	2,463	1,998
43	41	96 615	16 135,157	286 457,932	17,754	17,288	93	91	2 686	55,975	128,969	2,304	1,839
44	42	96 390	15 441,362	270 322,774	17,506	17,041	94	92	1 691	33,814	72,994	2,159	1,693
45	43	96 145	14 774,246	254 881,413	17,252	16,787	95	93	1 003	19,231	39,180	2,037	1,572
46	44	95 879	14 132,635	240 107,167	16,990	16,524	96	94	562	10,340	19,949	1,929	1,464
47	45	95 590	13 515,725	225 974,532	16,719	16,254	97	95	297	5,239	9,609	1,834	1,369
48	46	95 265	12 920,583	212 458,807	16,443	15,978	98	96	148	2,500	4,370	1,748	1,283
49	47	94 902	12 346,680	199 538,224	16,161	15,696	99	97	69	1,120	1,870	1,670	1,205
							100	98	30	0,469	0,750	1,600	1,134

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	11 808,556	188 513,086	15,964	15,499
1							51	48	94 197	11 276,083	176 704,530	15,671	15,206
2							52	49	93 718	10 761,336	165 428,447	15,372	14,907
3	0	99 624	87 929,794	2 023 495,934	23,013	22,547	53	50	93 186	10 264,061	154 667,111	15,069	14,604
4	1	99 324	84 091,242	1 935 566,139	23,017	22,552	54	51	92 594	9 783,107	144 403,050	14,760	14,295
5	2	99 291	80 635,920	1 851 474,897	22,961	22,496	55	52	91 939	9 317,887	134 619,943	14,447	13,982
6	3	99 269	77 331,412	1 770 838,978	22,899	22,434	56	53	91 215	8 867,601	125 302,056	14,130	13,665
7	4	99 250	74 164,738	1 693 507,566	22,834	22,369	57	54	90 412	8 431,267	116 434,455	13,810	13,345
8	5	99 231	71 127,774	1 619 342,828	22,767	22,301	58	55	89 526	8 008,253	108 003,188	13,486	13,021
9	6	99 217	68 218,249	1 548 215,055	22,695	22,230	59	56	88 558	7 598,720	99 994,935	13,159	12,694
10	7	99 202	65 427,139	1 479 996,806	22,621	22,155	60	57	87 492	7 201,168	92 396,215	12,831	12,366
11	8	99 189	62 752,183	1 414 569,667	22,542	22,077	61	58	86 330	6 815,899	85 195,047	12,499	12,034
12	9	99 175	60 185,443	1 351 817,484	22,461	21,996	62	59	85 059	6 441,778	78 379,147	12,167	11,702
13	10	99 161	57 723,660	1 291 632,042	22,376	21,911	63	60	83 670	6 078,237	71 937,369	11,835	11,370
14	11	99 147	55 362,194	1 233 908,381	22,288	21,823	64	61	82 163	5 725,408	65 859,132	11,503	11,038
15	12	99 127	53 094,578	1 178 546,187	22,197	21,732	65	62	80 549	5 384,132	60 133,724	11,169	10,703
16	13	99 105	50 918,917	1 125 451,609	22,103	21,638	66	63	78 827	5 054,216	54 749,592	10,832	10,367
17	14	99 075	48 828,058	1 074 532,692	22,006	21,541	67	64	76 979	4 734,498	49 695,376	10,496	10,031
18	15	99 039	46 820,657	1 025 704,634	21,907	21,442	68	65	75 027	4 426,335	44 960,878	10,158	9,692
19	16	98 989	44 889,367	978 883,977	21,807	21,341	69	66	72 964	4 129,145	40 534,543	9,817	9,351
20	17	98 937	43 036,467	933 994,610	21,702	21,237	70	67	70 800	3 843,350	36 405,397	9,472	9,007
21	18	98 883	41 259,598	890 958,142	21,594	21,129	71	68	68 559	3 569,953	32 562,048	9,121	8,656
22	19	98 827	39 555,123	849 698,544	21,481	21,016	72	69	66 167	3 304,947	28 992,095	8,772	8,307
23	20	98 769	37 920,424	810 143,421	21,364	20,899	73	70	63 684	3 051,246	25 687,148	8,419	7,953
24	21	98 712	36 353,271	772 222,997	21,242	20,777	74	71	61 072	2 806,795	22 635,902	8,065	7,599
25	22	98 650	34 849,352	735 869,725	21,116	20,651	75	72	58 350	2 572,378	19 829,106	7,708	7,243
26	23	98 590	33 408,264	701 020,373	20,983	20,518	76	73	55 510	2 347,403	17 256,728	7,351	6,886
27	24	98 530	32 026,936	667 612,109	20,845	20,380	77	74	52 537	2 131,112	14 909,325	6,996	6,531
28	25	98 470	30 702,420	635 585,174	20,701	20,236	78	75	49 504	1 926,236	12 778,213	6,634	6,169
29	26	98 405	29 431,418	604 882,753	20,552	20,087	79	76	46 339	1 729,565	10 851,978	6,274	5,809
30	27	98 339	28 212,619	575 451,335	20,397	19,932	80	77	43 071	1 542,048	9 122,413	5,916	5,451
31	28	98 266	27 042,499	547 238,716	20,236	19,771	81	78	39 695	1 363,232	7 580,365	5,561	5,095
32	29	98 187	25 918,997	520 196,217	20,070	19,605	82	79	36 213	1 192,954	6 217,133	5,212	4,746
33	30	98 102	24 841,028	494 277,219	19,898	19,432	83	80	32 661	1 032,096	5 024,179	4,868	4,403
34	31	98 006	23 804,884	469 436,192	19,720	19,255	84	81	29 020	879,658	3 992,083	4,538	4,073
35	32	97 905	22 811,027	445 631,307	19,536	19,071	85	82	25 353	737,162	3 112,426	4,222	3,757
36	33	97 799	21 857,216	422 820,281	19,345	18,879	86	83	21 699	605,200	2 375,264	3,925	3,460
37	34	97 678	20 940,303	400 963,064	19,148	18,683	87	84	18 150	485,589	1 770,064	3,645	3,180
38	35	97 543	20 058,923	380 022,761	18,945	18,480	88	85	14 800	379,812	1 284,475	3,382	2,917
39	36	97 399	19 212,648	359 963,839	18,736	18,271	89	86	11 698	287,961	904,663	3,142	2,676
40	37	97 240	18 399,341	340 751,191	18,520	18,055	90	87	8 933	210,928	616,702	2,924	2,459
41	38	97 071	17 618,505	322 351,850	18,296	17,831	91	88	6 572	148,852	405,774	2,726	2,261
42	39	96 876	16 866,376	304 733,345	18,068	17,602	92	89	4 658	101,198	256,922	2,539	2,074
43	40	96 676	16 145,379	287 866,969	17,830	17,364	93	90	3 149	65,631	155,724	2,373	1,908
44	41	96 461	15 452,688	271 721,590	17,584	17,119	94	91	2 028	40,541	90,094	2,222	1,757
45	42	96 223	14 786,176	256 268,902	17,332	16,866	95	92	1 235	23,681	49,552	2,092	1,627
46	43	95 965	14 145,305	241 482,726	17,072	16,606	96	93	711	13,080	25,871	1,978	1,513
47	44	95 681	13 528,521	227 337,421	16,804	16,339	97	94	385	6,799	12,791	1,881	1,416
48	45	95 368	12 934,496	213 808,900	16,530	16,065	98	95	198	3,352	5,992	1,788	1,322
49	46	95 015	12 361,318	200 874,404	16,250	15,785	99	96	96	1,554	2,640	1,699	1,234
							100	97	43	0,665	1,086	1,633	1,168

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	11 822,557	189 728,322	16,048	15,583
1							51	47	94 320	11 290,754	177 905,765	15,757	15,292
2							52	48	93 860	10 777,687	166 615,011	15,459	14,994
3							53	49	93 343	10 281,375	155 837,324	15,157	14,692
4	0	99 612	84 335,128	1 937 343,547	22,972	22,507	54	50	92 765	9 801,179	145 555,949	14,851	14,386
5	1	99 313	80 653,858	1 853 008,418	22,975	22,510	55	51	92 131	9 337,276	135 754,770	14,539	14,074
6	2	99 282	77 341,574	1 772 354,560	22,916	22,451	56	52	91 416	8 887,192	126 417,494	14,225	13,759
7	3	99 260	74 172,133	1 695 012,986	22,852	22,387	57	53	90 637	8 452,217	117 530,302	13,905	13,440
8	4	99 240	71 134,322	1 620 840,853	22,786	22,320	58	54	89 773	8 030,371	109 078,085	13,583	13,118
9	5	99 224	68 222,884	1 549 706,531	22,715	22,250	59	55	88 835	7 622,444	101 047,714	13,257	12,791
10	6	99 209	65 431,916	1 481 483,647	22,642	22,176	60	56	87 789	7 225,602	93 425,270	12,930	12,465
11	7	99 194	62 755,172	1 416 051,731	22,565	22,099	61	57	86 656	6 841,598	86 199,668	12,599	12,134
12	8	99 183	60 189,780	1 353 296,559	22,484	22,019	62	58	85 416	6 468,776	79 358,070	12,268	11,803
13	9	99 167	57 726,729	1 293 106,779	22,400	21,935	63	59	84 060	6 106,538	72 889,293	11,936	11,471
14	10	99 152	55 365,272	1 235 380,050	22,313	21,848	64	60	82 586	5 754,912	66 782,756	11,604	11,139
15	11	99 134	53 098,662	1 180 014,778	22,223	21,758	65	61	81 001	5 414,378	61 027,843	11,271	10,806
16	12	99 111	50 922,135	1 126 916,116	22,130	21,665	66	62	79 312	5 085,348	55 613,465	10,936	10,471
17	13	99 082	48 831,917	1 075 993,981	22,035	21,569	67	63	77 503	4 766,722	50 528,118	10,600	10,135
18	14	99 048	46 824,977	1 027 162,063	21,936	21,471	68	64	75 587	4 459,374	45 761,396	10,262	9,797
19	15	99 001	44 894,565	980 337,087	21,836	21,371	69	65	73 553	4 162,502	41 302,022	9,922	9,457
20	16	98 949	43 041,970	935 442,522	21,733	21,268	70	66	71 426	3 877,306	37 139,519	9,579	9,113
21	17	98 896	41 264,948	892 400,552	21,626	21,161	71	67	69 206	3 603,676	33 262,213	9,230	8,765
22	18	98 843	39 561,545	851 135,604	21,514	21,049	72	68	66 849	3 339,018	29 658,537	8,882	8,417
23	19	98 786	37 926,658	811 574,059	21,399	20,933	73	69	64 428	3 086,888	26 319,519	8,526	8,061
24	20	98 728	36 359,223	773 647,401	21,278	20,813	74	70	61 848	2 842,473	23 232,631	8,173	7,708
25	21	98 667	34 855,270	737 288,178	21,153	20,688	75	71	59 167	2 608,412	20 390,158	7,817	7,352
26	22	98 606	33 413,870	702 432,908	21,022	20,557	76	72	56 352	2 383,024	17 781,746	7,462	6,997
27	23	98 546	32 032,175	669 019,038	20,886	20,421	77	73	53 431	2 167,385	15 398,721	7,105	6,640
28	24	98 486	30 707,465	636 986,863	20,744	20,278	78	74	50 422	1 961,927	13 231,336	6,744	6,279
29	25	98 424	29 437,141	606 279,398	20,596	20,131	79	75	47 290	1 765,078	11 269,409	6,385	5,919
30	26	98 356	28 217,649	576 842,257	20,443	19,977	80	76	44 046	1 576,976	9 504,331	6,027	5,562
31	27	98 287	27 048,173	548 624,608	20,283	19,818	81	77	40 668	1 396,666	7 927,354	5,675	5,211
32	28	98 210	25 925,167	521 576,436	20,119	19,653	82	78	37 226	1 226,319	6 530,689	5,325	4,860
33	29	98 127	24 847,159	495 651,268	19,948	19,483	83	79	33 700	1 064,904	5 304,369	4,981	4,516
34	30	98 034	23 811,618	470 804,109	19,772	19,307	84	80	30 081	911,809	4 239,466	4,650	4,184
35	31	97 937	22 818,374	446 992,491	19,589	19,124	85	81	26 421	768,209	3 327,656	4,332	3,866
36	32	97 832	21 864,561	424 174,117	19,400	18,935	86	82	22 769	635,048	2 559,447	4,030	3,565
37	33	97 712	20 947,639	402 309,556	19,205	18,740	87	83	19 211	513,957	1 924,399	3,744	3,279
38	34	97 581	20 066,584	381 361,917	19,005	18,540	88	84	15 808	405,690	1 410,441	3,477	3,011
39	35	97 444	19 221,623	361 295,333	18,796	18,331	89	85	12 628	310,870	1 004,751	3,232	2,767
40	36	97 286	18 408,119	342 073,710	18,583	18,118	90	86	9 765	230,593	693,881	3,009	2,544
41	37	97 120	17 627,406	323 665,591	18,361	17,896	91	87	7 295	165,225	463,288	2,804	2,339
42	38	96 930	16 875,727	306 038,185	18,135	17,670	92	88	5 253	114,129	298,064	2,612	2,146
43	39	96 739	16 155,891	289 162,458	17,898	17,433	93	89	3 615	75,334	183,934	2,442	1,976
44	40	96 522	15 462,477	273 006,567	17,656	17,191	94	90	2 378	47,534	108,600	2,285	1,819
45	41	96 294	14 797,022	257 544,090	17,405	16,940	95	91	1 481	28,392	61,066	2,151	1,686
46	42	96 042	14 156,727	242 747,068	17,147	16,682	96	92	876	16,108	32,673	2,028	1,563
47	43	95 767	13 540,649	228 590,341	16,882	16,417	97	93	487	8,600	16,566	1,926	1,461
48	44	95 458	12 946,741	215 049,692	16,610	16,145	98	94	257	4,350	7,966	1,831	1,366
49	45	95 117	12 374,629	202 102,951	16,332	15,867	99	95	128	2,084	3,615	1,735	1,270
							100	96	59	0,923	1,532	1,660	1,194

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	11 835,287	190 844,396	16,125	15,660
1							51	46	94 431	11 304,141	179 009,108	15,836	15,370
2							52	47	93 982	10 791,709	167 704,968	15,540	15,075
3							53	48	93 485	10 296,997	156 913,259	15,239	14,774
4							54	49	92 922	9 817,713	146 616,262	14,934	14,469
5	0	99 601	80 887,775	1 854 650,694	22,929	22,463	55	50	92 301	9 354,524	136 798,549	14,624	14,159
6	1	99 304	77 358,780	1 773 762,918	22,929	22,464	56	51	91 607	8 905,685	127 444,024	14,310	13,845
7	2	99 273	74 181,880	1 696 404,138	22,868	22,403	57	52	90 837	8 470,890	118 538,339	13,994	13,528
8	3	99 250	71 141,414	1 622 222,258	22,803	22,338	58	53	89 996	8 050,324	110 067,449	13,672	13,207
9	4	99 233	68 229,165	1 551 080,843	22,733	22,268	59	54	89 080	7 643,496	102 017,125	13,347	12,882
10	5	99 216	65 436,362	1 482 851,679	22,661	22,196	60	55	88 063	7 248,161	94 373,628	13,020	12,555
11	6	99 201	62 759,754	1 417 415,317	22,585	22,120	61	56	86 950	6 864,812	87 125,467	12,692	12,226
12	7	99 187	60 192,647	1 354 655,562	22,505	22,040	62	57	85 738	6 493,166	80 260,655	12,361	11,896
13	8	99 174	57 730,889	1 294 462,915	22,422	21,957	63	58	84 412	6 132,131	73 767,489	12,030	11,564
14	9	99 157	55 368,215	1 236 732,026	22,336	21,871	64	59	82 971	5 781,707	67 635,358	11,698	11,233
15	10	99 140	53 101,614	1 181 363,811	22,247	21,782	65	60	81 419	5 442,280	61 853,651	11,365	10,900
16	11	99 119	50 926,052	1 128 262,197	22,155	21,690	66	61	79 758	5 113,915	56 411,371	11,031	10,566
17	12	99 089	48 835,003	1 077 336,145	22,061	21,596	67	62	77 980	4 796,083	51 297,456	10,696	10,230
18	13	99 056	46 828,678	1 028 501,141	21,963	21,498	68	63	76 101	4 489,725	46 501,373	10,357	9,892
19	14	99 010	44 898,707	981 672,464	21,864	21,399	69	64	74 102	4 193,572	42 011,648	10,018	9,553
20	15	98 961	43 046,953	936 773,757	21,762	21,296	70	65	72 003	3 908,629	37 818,076	9,676	9,210
21	16	98 909	41 270,224	893 726,803	21,655	21,190	71	66	69 818	3 635,515	33 909,447	9,327	8,862
22	17	98 856	39 566,675	852 456,579	21,545	21,080	72	67	67 481	3 370,559	30 273,932	8,982	8,517
23	18	98 802	37 932,815	812 889,904	21,430	20,965	73	68	65 092	3 118,712	26 903,373	8,626	8,161
24	19	98 744	36 365,200	774 957,089	21,310	20,845	74	69	62 570	2 875,677	23 784,662	8,271	7,806
25	20	98 683	34 860,976	738 591,889	21,187	20,722	75	70	59 919	2 641,568	20 908,985	7,915	7,450
26	21	98 623	33 419,545	703 730,912	21,057	20,592	76	71	57 141	2 416,406	18 267,416	7,560	7,095
27	22	98 563	32 037,550	670 311,368	20,923	20,457	77	72	54 242	2 200,275	15 851,011	7,204	6,739
28	23	98 502	30 712,488	638 273,818	20,782	20,317	78	73	51 280	1 995,321	13 650,736	6,841	6,376
29	24	98 440	29 441,978	607 561,330	20,636	20,171	79	74	48 167	1 797,784	11 655,415	6,483	6,018
30	25	98 376	28 223,136	578 119,352	20,484	20,019	80	75	44 951	1 609,357	9 857,631	6,125	5,660
31	26	98 304	27 052,994	549 896,216	20,327	19,861	81	76	41 589	1 428,301	8 248,275	5,775	5,310
32	27	98 231	25 930,606	522 843,222	20,163	19,698	82	77	38 138	1 256,395	6 819,974	5,428	4,963
33	28	98 150	24 853,074	496 912,616	19,994	19,529	83	78	34 642	1 094,687	5 563,579	5,082	4,617
34	29	98 058	23 817,495	472 059,542	19,820	19,355	84	79	31 037	940,794	4 468,891	4,750	4,285
35	30	97 965	22 824,829	448 242,047	19,638	19,173	85	80	27 386	796,288	3 528,097	4,431	3,965
36	31	97 863	21 871,604	425 417,218	19,451	18,985	86	81	23 728	661,795	2 731,810	4,128	3,663
37	32	97 745	20 954,678	403 545,614	19,258	18,793	87	82	20 158	539,306	2 070,015	3,838	3,373
38	33	97 615	20 073,614	382 590,936	19,059	18,594	88	83	16 732	429,391	1 530,709	3,565	3,100
39	34	97 482	19 228,964	362 517,322	18,853	18,387	89	84	13 489	332,051	1 101,318	3,317	2,851
40	35	97 332	18 416,719	343 288,357	18,640	18,175	90	85	10 542	248,938	769,267	3,090	2,625
41	36	97 166	17 635,816	324 871,639	18,421	17,956	91	86	7 975	180,628	520,329	2,881	2,415
42	37	96 979	16 884,252	307 235,823	18,197	17,731	92	87	5 831	126,683	339,701	2,682	2,216
43	38	96 793	16 164,848	290 351,571	17,962	17,497	93	88	4 077	84,960	213,018	2,507	2,042
44	39	96 585	15 472,544	274 186,723	17,721	17,256	94	89	2 729	54,562	128,057	2,347	1,882
45	40	96 355	14 806,396	258 714,179	17,473	17,008	95	90	1 736	33,290	73,495	2,208	1,743
46	41	96 113	14 167,111	243 907,782	17,216	16,751	96	91	1 050	19,312	40,205	2,082	1,617
47	42	95 844	13 551,583	229 740,672	16,953	16,488	97	92	600	10,591	20,893	1,973	1,508
48	43	95 543	12 958,348	216 189,088	16,683	16,218	98	93	325	5,503	10,303	1,872	1,407
49	44	95 207	12 386,344	203 230,740	16,408	15,942	99	94	167	2,704	4,800	1,775	1,310
							100	95	79	1,238	2,096	1,693	1,228

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0							50	44	94 928	11 846,492	191 867,936	16,196	15,731
1							51	45	94 533	11 316,313	180 021,444	15,908	15,443
2							52	46	94 094	10 804,504	168 705,131	15,614	15,149
3							53	47	93 607	10 310,394	157 900,627	15,315	14,849
4							54	48	93 063	9 832,630	147 590,233	15,010	14,545
5							55	49	92 456	9 370,305	137 757,603	14,702	14,236
6	0	99 592	77 583,141	1 775 279,713	22,882	22,417	56	50	91 776	8 922,137	128 387,299	14,390	13,925
7	1	99 295	74 198,383	1 697 696,573	22,881	22,415	57	51	91 026	8 488,516	119 465,162	14,074	13,609
8	2	99 263	71 150,764	1 623 498,190	22,818	22,353	58	52	90 195	8 068,110	110 976,645	13,755	13,290
9	3	99 243	68 235,968	1 552 347,426	22,750	22,284	59	53	89 301	7 662,489	102 908,536	13,430	12,965
10	4	99 225	65 442,387	1 484 111,458	22,678	22,213	60	54	88 306	7 268,180	95 246,047	13,105	12,639
11	5	99 208	62 764,019	1 418 669,071	22,603	22,138	61	55	87 221	6 886,245	87 977,867	12,776	12,311
12	6	99 195	60 197,043	1 355 905,053	22,524	22,059	62	56	86 029	6 515,198	81 091,623	12,447	11,981
13	7	99 179	57 733,639	1 295 708,010	22,443	21,978	63	57	84 730	6 155,252	74 576,425	12,116	11,651
14	8	99 165	55 372,206	1 237 974,371	22,357	21,892	64	58	83 318	5 805,939	68 421,173	11,785	11,319
15	9	99 145	53 104,436	1 182 602,166	22,269	21,804	65	59	81 798	5 467,619	62 615,234	11,452	10,987
16	10	99 125	50 928,883	1 129 497,729	22,178	21,713	66	60	80 169	5 140,268	57 147,615	11,118	10,652
17	11	99 096	48 838,759	1 078 568,846	22,084	21,619	67	61	78 418	4 823,025	52 007,347	10,783	10,318
18	12	99 062	46 831,638	1 029 730,087	21,988	21,523	68	62	76 570	4 517,380	47 184,321	10,445	9,980
19	13	99 018	44 902,256	982 898,449	21,890	21,425	69	63	74 607	4 222,114	42 666,941	10,106	9,640
20	14	98 970	43 050,925	937 996,193	21,788	21,323	70	64	72 540	3 937,803	38 444,827	9,763	9,298
21	15	98 920	41 275,003	894 945,268	21,683	21,217	71	65	70 382	3 664,884	34 507,024	9,416	8,950
22	16	98 869	39 571,734	853 670,265	21,573	21,108	72	66	68 077	3 400,339	30 842,140	9,070	8,605
23	17	98 815	37 937,734	814 098,532	21,459	20,994	73	67	65 707	3 148,172	27 441,801	8,717	8,252
24	18	98 760	36 371,104	776 160,798	21,340	20,875	74	68	63 215	2 905,323	24 293,629	8,362	7,897
25	19	98 699	34 866,707	739 789,694	21,218	20,752	75	69	60 619	2 672,425	21 388,306	8,003	7,538
26	20	98 639	33 425,016	704 922,987	21,090	20,624	76	70	57 868	2 447,122	18 715,882	7,648	7,183
27	21	98 580	32 042,991	671 497,971	20,956	20,491	77	71	55 002	2 231,096	16 268,760	7,292	6,827
28	22	98 518	30 717,642	639 454,980	20,817	20,352	78	72	52 058	2 025,599	14 037,664	6,930	6,465
29	23	98 456	29 446,794	608 737,338	20,672	20,207	79	73	48 986	1 828,383	12 012,065	6,570	6,105
30	24	98 392	28 227,773	579 290,544	20,522	20,057	80	74	45 784	1 639,177	10 183,681	6,213	5,747
31	25	98 324	27 058,255	551 062,772	20,366	19,901	81	75	42 443	1 457,629	8 544,504	5,862	5,397
32	26	98 248	25 935,229	524 004,517	20,204	19,739	82	76	39 002	1 284,853	7 086,876	5,516	5,050
33	27	98 171	24 858,288	498 069,288	20,036	19,571	83	77	35 492	1 121,535	5 802,023	5,173	4,708
34	28	98 081	23 823,165	473 211,000	19,863	19,398	84	78	31 905	967,106	4 680,487	4,840	4,374
35	29	97 989	22 830,463	449 387,835	19,684	19,218	85	79	28 257	821,600	3 713,381	4,520	4,054
36	30	97 891	21 877,790	426 557,373	19,497	19,032	86	80	24 595	685,984	2 891,781	4,216	3,750
37	31	97 777	20 961,428	404 679,582	19,306	18,841	87	81	21 007	562,020	2 205,797	3,925	3,460
38	32	97 648	20 080,359	383 718,155	19,109	18,644	88	82	17 557	450,569	1 643,778	3,648	3,183
39	33	97 516	19 235,701	363 637,795	18,904	18,439	89	83	14 277	351,449	1 193,209	3,395	2,930
40	34	97 369	18 423,753	344 402,094	18,693	18,228	90	84	11 261	265,899	841,759	3,166	2,700
41	35	97 211	17 644,054	325 978,341	18,475	18,010	91	85	8 609	194,999	575,860	2,953	2,488
42	36	97 025	16 892,307	308 334,287	18,253	17,788	92	86	6 374	138,493	380,862	2,750	2,285
43	37	96 842	16 173,014	291 441,980	18,020	17,555	93	87	4 525	94,306	242,368	2,570	2,105
44	38	96 638	15 481,123	275 268,965	17,781	17,316	94	88	3 078	61,534	148,063	2,406	1,941
45	39	96 417	14 816,036	259 787,843	17,534	17,069	95	89	1 993	38,212	86,528	2,264	1,799
46	40	96 173	14 176,086	244 971,806	17,281	16,815	96	90	1 231	22,643	48,316	2,134	1,669
47	41	95 914	13 561,523	230 795,720	17,018	16,553	97	91	720	12,698	25,673	2,022	1,557
48	42	95 621	12 968,812	217 234,197	16,751	16,285	98	92	400	6,777	12,976	1,915	1,450
49	43	95 293	12 397,449	204 265,385	16,476	16,011	99	93	211	3,420	6,199	1,812	1,347
							100	94	103	1,606	2,779	1,730	1,265

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	11 857,113	192 806,206	16,261	15,796
1							51	44	94 623	11 327,027	180 949,093	15,975	15,510
2							52	45	94 195	10 816,138	169 622,066	15,682	15,217
3							53	46	93 718	10 322,618	158 805,928	15,384	14,919
4							54	47	93 184	9 845,423	148 483,310	15,081	14,616
5							55	48	92 597	9 384,542	138 637,887	14,773	14,308
6							56	49	91 931	8 937,187	129 253,345	14,462	13,997
7	0	99 583	74 413,578	1 699 097,100	22,833	22,368	57	50	91 195	8 504,197	120 316,158	14,148	13,683
8	1	99 285	71 166,592	1 624 683,522	22,829	22,364	58	51	90 383	8 084,898	111 811,960	13,830	13,365
9	2	99 256	68 244,935	1 553 516,930	22,764	22,299	59	52	89 499	7 679,417	103 727,062	13,507	13,042
10	3	99 235	65 448,912	1 485 271,994	22,694	22,228	60	53	88 525	7 286,239	96 047,645	13,182	12,717
11	4	99 217	62 769,797	1 419 823,083	22,620	22,154	61	54	87 462	6 905,264	88 761,406	12,854	12,389
12	5	99 201	60 201,133	1 357 053,286	22,542	22,077	62	55	86 297	6 535,539	81 856,142	12,525	12,060
13	6	99 186	57 737,855	1 296 852,153	22,461	21,996	63	56	85 018	6 176,137	75 320,603	12,195	11,730
14	7	99 169	55 374,843	1 239 114,298	22,377	21,912	64	57	83 632	5 827,830	69 144,466	11,865	11,399
15	8	99 152	53 108,264	1 183 739,455	22,289	21,824	65	58	82 141	5 490,534	63 316,636	11,532	11,067
16	9	99 130	50 931,590	1 130 631,191	22,199	21,734	66	59	80 542	5 164,201	57 826,102	11,197	10,732
17	10	99 102	48 841,475	1 079 699,601	22,106	21,641	67	60	78 822	4 847,880	52 661,901	10,863	10,398
18	11	99 070	46 835,239	1 030 858,127	22,010	21,545	68	61	77 000	4 542,757	47 814,021	10,525	10,060
19	12	99 024	44 905,094	984 022,887	21,913	21,448	69	62	75 066	4 248,121	43 271,264	10,186	9,721
20	13	98 978	43 054,328	939 117,793	21,812	21,347	70	63	73 034	3 964,605	39 023,144	9,843	9,378
21	14	98 929	41 278,811	896 063,466	21,708	21,242	71	64	70 907	3 692,239	35 058,539	9,495	9,030
22	15	98 880	39 576,316	854 784,655	21,598	21,133	72	65	68 627	3 427,808	31 366,300	9,151	8,685
23	16	98 827	37 942,584	815 208,339	21,485	21,020	73	66	66 287	3 175,987	27 938,492	8,797	8,332
24	17	98 773	36 375,820	777 265,755	21,368	20,902	74	67	63 813	2 932,767	24 762,505	8,443	7,978
25	18	98 715	34 872,368	740 889,935	21,246	20,781	75	68	61 244	2 699,975	21 829,738	8,085	7,620
26	19	98 655	33 430,511	706 017,567	21,119	20,654	76	69	58 544	2 475,707	19 129,762	7,727	7,262
27	20	98 596	32 048,237	672 587,056	20,987	20,521	77	70	55 701	2 259,456	16 654,056	7,371	6,906
28	21	98 535	30 722,858	640 538,819	20,849	20,384	78	71	52 787	2 053,974	14 394,599	7,008	6,543
29	22	98 473	29 451,735	609 815,961	20,706	20,240	79	72	49 730	1 856,129	12 340,625	6,649	6,183
30	23	98 408	28 232,390	580 364,226	20,557	20,091	80	73	46 563	1 667,077	10 484,497	6,289	5,824
31	24	98 340	27 062,701	552 131,836	20,402	19,937	81	74	43 230	1 484,637	8 817,420	5,939	5,474
32	25	98 267	25 940,272	525 069,135	20,241	19,776	82	75	39 803	1 311,235	7 332,782	5,592	5,127
33	26	98 188	24 862,719	499 128,863	20,075	19,610	83	76	36 296	1 146,939	6 021,547	5,250	4,785
34	27	98 102	23 828,163	474 266,144	19,904	19,438	84	77	32 688	990,825	4 874,609	4,920	4,455
35	28	98 012	22 835,897	450 437,981	19,725	19,260	85	78	29 047	844,579	3 883,784	4,598	4,133
36	29	97 915	21 883,190	427 602,084	19,540	19,075	86	79	25 377	707,790	3 039,205	4,294	3,829
37	30	97 804	20 967,357	405 718,893	19,350	18,885	87	80	21 775	582,562	2 331,415	4,002	3,537
38	31	97 679	20 086,828	384 751,536	19,154	18,689	88	81	18 297	469,546	1 748,853	3,725	3,259
39	32	97 548	19 242,165	364 664,709	18,951	18,486	89	82	14 981	368,783	1 279,308	3,469	3,004
40	33	97 403	18 430,207	345 422,544	18,742	18,277	90	83	11 918	281,433	910,525	3,235	2,770
41	34	97 248	17 650,793	326 992,336	18,526	18,060	91	84	9 196	208,285	629,092	3,020	2,555
42	35	97 070	16 900,199	309 341,543	18,304	17,839	92	85	6 881	149,511	420,807	2,815	2,349
43	36	96 888	16 180,730	292 441,345	18,073	17,608	93	86	4 947	103,098	271,296	2,631	2,166
44	37	96 687	15 488,944	276 260,614	17,836	17,371	94	87	3 417	68,303	168,198	2,463	1,997
45	38	96 471	14 824,250	260 771,671	17,591	17,126	95	88	2 247	43,095	99,895	2,318	1,853
46	39	96 236	14 185,316	245 947,420	17,338	16,873	96	89	1 413	25,991	56,800	2,185	1,720
47	40	95 975	13 570,115	231 762,105	17,079	16,614	97	90	844	14,888	30,809	2,069	1,604
48	41	95 691	12 978,324	218 191,990	16,812	16,347	98	91	480	8,125	15,922	1,960	1,494
49	42	95 370	12 407,460	205 213,666	16,540	16,074	99	92	259	4,212	7,797	1,851	1,386
							100	93	130	2,032	3,585	1,764	1,299

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	11 866,687	193 665,605	16,320	15,855
1							51	43	94 707	11 337,181	181 798,918	16,036	15,570
2							52	44	94 284	10 826,378	170 461,736	15,745	15,280
3							53	45	93 819	10 333,734	159 635,358	15,448	14,983
4							54	46	93 295	9 857,096	149 301,625	15,147	14,681
5							55	47	92 717	9 396,752	139 444,529	14,840	14,374
6							56	48	92 070	8 950,767	130 047,777	14,529	14,064
7							57	49	91 348	8 518,543	121 097,010	14,216	13,750
8	0	99 573	71 372,994	1 625 976,512	22,781	22,316	58	50	90 550	8 099,833	112 578,467	13,899	13,434
9	1	99 278	68 260,117	1 554 603,518	22,775	22,309	59	51	89 685	7 695,397	104 478,634	13,577	13,112
10	2	99 248	65 457,513	1 486 343,401	22,707	22,242	60	52	88 721	7 302,336	96 783,237	13,254	12,789
11	3	99 227	62 776,056	1 420 885,888	22,634	22,169	61	53	87 679	6 922,422	89 480,900	12,926	12,461
12	4	99 210	60 206,675	1 358 109,832	22,557	22,092	62	54	86 536	6 553,589	82 558,479	12,597	12,132
13	5	99 193	57 741,778	1 297 903,157	22,478	22,012	63	55	85 283	6 195,419	76 004,889	12,268	11,803
14	6	99 177	55 378,887	1 240 161,379	22,394	21,929	64	56	83 916	5 847,604	69 809,470	11,938	11,473
15	7	99 157	53 110,793	1 184 782,493	22,308	21,843	65	57	82 450	5 511,236	63 961,866	11,606	11,141
16	8	99 137	50 935,261	1 131 671,699	22,218	21,753	66	58	80 880	5 185,845	58 450,630	11,271	10,806
17	9	99 107	48 844,071	1 080 736,438	22,126	21,661	67	59	79 189	4 870,452	53 264,785	10,936	10,471
18	10	99 075	46 837,843	1 031 892,368	22,031	21,566	68	60	77 397	4 566,167	48 394,334	10,598	10,133
19	11	99 032	44 908,547	985 054,524	21,935	21,469	69	61	75 488	4 271,985	43 828,167	10,259	9,794
20	12	98 984	43 057,049	940 145,977	21,835	21,370	70	62	73 484	3 989,025	39 556,182	9,916	9,451
21	13	98 937	41 282,074	897 088,928	21,731	21,265	71	63	71 390	3 717,369	35 567,157	9,568	9,103
22	14	98 889	39 579,967	855 806,854	21,622	21,157	72	64	69 139	3 453,394	31 849,788	9,223	8,758
23	15	98 839	37 946,978	816 226,887	21,510	21,044	73	65	66 823	3 201,644	28 396,394	8,869	8,404
24	16	98 786	36 380,471	778 279,910	21,393	20,928	74	66	64 376	2 958,679	25 194,750	8,516	8,050
25	17	98 728	34 876,890	741 899,439	21,272	20,807	75	67	61 823	2 725,480	22 236,072	8,159	7,693
26	18	98 671	33 435,938	707 022,549	21,146	20,680	76	68	59 147	2 501,229	19 510,592	7,800	7,335
27	19	98 612	32 053,505	673 586,611	21,014	20,549	77	69	56 351	2 285,849	17 009,362	7,441	6,976
28	20	98 551	30 727,888	641 533,106	20,878	20,413	78	70	53 458	2 080,083	14 723,513	7,078	6,613
29	21	98 490	29 456,737	610 805,218	20,736	20,270	79	71	50 426	1 882,129	12 643,430	6,718	6,252
30	22	98 424	28 237,128	581 348,481	20,588	20,123	80	72	47 270	1 692,374	10 761,301	6,359	5,893
31	23	98 356	27 067,128	553 111,353	20,435	19,970	81	73	43 965	1 509,907	9 068,927	6,006	5,541
32	24	98 283	25 944,534	526 044,226	20,276	19,811	82	74	40 541	1 335,531	7 559,019	5,660	5,195
33	25	98 207	24 867,554	500 099,692	20,111	19,645	83	75	37 041	1 170,489	6 223,488	5,317	4,852
34	26	98 119	23 832,411	475 232,138	19,941	19,475	84	76	33 428	1 013,268	5 052,999	4,987	4,522
35	27	98 033	22 840,688	451 399,727	19,763	19,298	85	77	29 760	865,293	4 039,731	4,669	4,203
36	28	97 938	21 888,400	428 559,039	19,579	19,114	86	78	26 087	727,585	3 174,439	4,363	3,898
37	29	97 828	20 972,532	406 670,640	19,391	18,925	87	79	22 467	601,080	2 446,853	4,071	3,606
38	30	97 707	20 092,509	385 698,107	19,196	18,731	88	80	18 965	486,708	1 845,773	3,792	3,327
39	31	97 580	19 248,363	365 605,598	18,994	18,529	89	81	15 612	384,315	1 359,065	3,536	3,071
40	32	97 436	18 436,400	346 357,235	18,787	18,321	90	82	12 506	295,314	974,750	3,301	2,836
41	33	97 283	17 656,977	327 920,834	18,572	18,107	91	83	9 733	220,453	679,437	3,082	2,617
42	34	97 107	16 906,653	310 263,857	18,352	17,886	92	84	7 350	159,698	458,984	2,874	2,409
43	35	96 933	16 188,289	293 357,204	18,122	17,656	93	85	5 340	111,300	299,286	2,689	2,224
44	36	96 733	15 496,333	277 168,915	17,886	17,421	94	86	3 735	74,671	187,986	2,518	2,052
45	37	96 519	14 831,739	261 672,582	17,643	17,178	95	87	2 494	47,835	113,315	2,369	1,904
46	38	96 289	14 193,180	246 840,842	17,392	16,926	96	88	1 593	29,312	65,480	2,234	1,769
47	39	96 038	13 578,950	232 647,662	17,133	16,668	97	89	968	17,089	36,168	2,116	1,651
48	40	95 751	12 986,546	219 068,712	16,869	16,404	98	90	563	9,526	19,080	2,003	1,538
49	41	95 440	12 416,560	206 082,166	16,597	16,132	99	91	311	5,050	9,553	1,892	1,427
							100	92	161	2,502	4,503	1,800	1,335

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	11 875,391	194 452,298	16,374	15,909
1							51	42	94 784	11 346,336	182 576,907	16,091	15,626
2							52	43	94 369	10 836,084	171 230,571	15,802	15,337
3							53	44	93 907	10 343,517	160 394,487	15,507	15,042
4							54	45	93 395	9 867,710	150 050,970	15,206	14,741
5							55	46	92 827	9 407,893	140 183,260	14,901	14,435
6							56	47	92 190	8 962,412	130 775,367	14,592	14,126
7							57	48	91 487	8 531,486	121 812,955	14,278	13,813
8							58	49	90 703	8 113,497	113 281,468	13,962	13,497
9	0	99 566	68 458,089	1 555 797,198	22,726	22,261	59	50	89 850	7 709,613	105 167,971	13,641	13,176
10	1	99 270	65 472,075	1 487 339,109	22,717	22,252	60	51	88 905	7 317,531	97 458,359	13,318	12,853
11	2	99 240	62 784,306	1 421 867,034	22,647	22,182	61	52	87 873	6 937,715	90 140,827	12,993	12,528
12	3	99 220	60 212,678	1 359 082,728	22,571	22,106	62	53	86 751	6 569,873	83 203,112	12,664	12,199
13	4	99 202	57 747,094	1 298 870,050	22,492	22,027	63	54	85 519	6 212,530	76 633,239	12,335	11,870
14	5	99 183	55 382,649	1 241 122,956	22,410	21,945	64	55	84 178	5 865,861	70 420,708	12,005	11,540
15	6	99 164	53 114,672	1 185 740,306	22,324	21,859	65	56	82 730	5 529,936	64 554,848	11,674	11,208
16	7	99 142	50 937,687	1 132 625,635	22,236	21,770	66	57	81 185	5 205,398	59 024,912	11,339	10,874
17	8	99 114	48 847,591	1 081 687,948	22,144	21,679	67	58	79 521	4 890,864	53 819,514	11,004	10,539
18	9	99 081	46 840,333	1 032 840,357	22,050	21,585	68	59	77 757	4 587,427	48 928,650	10,666	10,201
19	10	99 037	44 911,044	986 000,024	21,955	21,489	69	60	75 877	4 293,999	44 341,223	10,326	9,861
20	11	98 992	43 060,360	941 088,980	21,855	21,390	70	61	73 897	4 011,434	40 047,223	9,983	9,518
21	12	98 943	41 284,683	898 028,619	21,752	21,287	71	62	71 830	3 740,267	36 035,790	9,635	9,169
22	13	98 897	39 583,096	856 743,936	21,644	21,179	72	63	69 610	3 476,898	32 295,523	9,289	8,823
23	14	98 848	37 950,478	817 160,841	21,532	21,067	73	64	67 322	3 225,541	28 818,625	8,935	8,469
24	15	98 797	36 384,683	779 210,362	21,416	20,951	74	65	64 896	2 982,580	25 593,084	8,581	8,116
25	16	98 740	34 881,349	742 825,679	21,296	20,831	75	66	62 369	2 749,560	22 610,504	8,223	7,758
26	17	98 684	33 440,274	707 944,330	21,170	20,705	76	67	59 706	2 524,857	19 860,943	7,866	7,401
27	18	98 628	32 058,709	674 504,056	21,040	20,574	77	68	56 932	2 309,415	17 336,087	7,507	7,041
28	19	98 568	30 732,939	642 445,347	20,904	20,439	78	69	54 083	2 104,381	15 026,672	7,141	6,675
29	20	98 506	29 461,559	611 712,408	20,763	20,298	79	70	51 067	1 906,054	12 922,292	6,780	6,314
30	21	98 441	28 241,923	582 250,849	20,617	20,151	80	71	47 932	1 716,081	11 016,238	6,419	5,954
31	22	98 372	27 071,670	554 008,926	20,465	19,999	81	72	44 633	1 532,820	9 300,157	6,067	5,602
32	23	98 299	25 948,778	526 937,256	20,307	19,842	82	73	41 231	1 358,263	7 767,337	5,719	5,253
33	24	98 223	24 871,640	500 988,478	20,143	19,678	83	74	37 727	1 192,177	6 409,074	5,376	4,911
34	25	98 138	23 837,045	476 116,838	19,974	19,509	84	75	34 115	1 034,073	5 216,897	5,045	4,580
35	26	98 050	22 844,760	452 279,794	19,798	19,333	85	76	30 434	884,892	4 182,824	4,727	4,262
36	27	97 959	21 892,992	429 435,034	19,615	19,150	86	77	26 727	745,430	3 297,932	4,424	3,959
37	28	97 852	20 977,525	407 542,042	19,428	18,962	87	78	23 096	617,892	2 552,502	4,131	3,666
38	29	97 731	20 097,469	386 564,517	19,234	18,769	88	79	19 568	502,179	1 934,610	3,852	3,387
39	30	97 607	19 253,808	366 467,048	19,033	18,568	89	80	16 183	398,362	1 432,431	3,596	3,131
40	31	97 467	18 442,339	347 213,241	18,827	18,362	90	81	13 033	307,751	1 034,069	3,360	2,895
41	32	97 315	17 662,910	328 770,902	18,614	18,148	91	82	10 213	231,326	726,318	3,140	2,675
42	33	97 141	16 912,577	311 107,992	18,395	17,930	92	83	7 780	169,028	494,992	2,928	2,463
43	34	96 970	16 194,472	294 195,415	18,166	17,701	93	84	5 704	118,883	325,965	2,742	2,277
44	35	96 778	15 503,572	278 000,943	17,931	17,466	94	85	4 032	80,611	207,082	2,569	2,104
45	36	96 566	14 838,815	262 497,371	17,690	17,225	95	86	2 727	52,295	126,470	2,418	1,953
46	37	96 338	14 200,350	247 658,555	17,440	16,975	96	87	1 769	32,536	74,176	2,280	1,815
47	38	96 091	13 586,478	233 458,205	17,183	16,718	97	88	1 092	19,273	41,640	2,161	1,695
48	39	95 814	12 995,002	219 871,726	16,920	16,454	98	89	646	10,935	22,367	2,046	1,580
49	40	95 500	12 424,427	206 876,725	16,651	16,186	99	90	365	5,921	11,432	1,931	1,466
							100	91	193	3,000	5,511	1,837	1,372

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	40	95 220	11 882,915	195 171,695	16,425	15,959
							51	41	94 853	11 354,658	183 288,780	16,142	15,677
							52	42	94 445	10 844,834	171 934,122	15,854	15,389
							53	43	93 992	10 352,790	161 089,287	15,560	15,095
							54	44	93 483	9 877,052	150 736,497	15,261	14,796
							55	45	92 927	9 418,023	140 859,445	14,956	14,491
							56	46	92 299	8 973,038	131 441,422	14,648	14,183
							57	47	91 606	8 542,586	122 468,384	14,336	13,871
							58	48	90 840	8 125,825	113 925,798	14,020	13,555
							59	49	90 002	7 722,618	105 799,973	13,700	13,235
10	0	99 558	65 661,961	1 488 441,169	22,668	22,203	60	50	89 070	7 331,049	98 077,355	13,378	12,913
11	1	99 262	62 798,273	1 422 779,208	22,656	22,191	61	51	88 056	6 952,151	90 746,306	13,053	12,588
12	2	99 233	60 220,591	1 359 980,935	22,583	22,118	62	52	86 942	6 584,388	83 794,154	12,726	12,261
13	3	99 212	57 752,852	1 299 760,344	22,506	22,040	63	53	85 731	6 227,967	77 209,766	12,397	11,932
14	4	99 192	55 387,748	1 242 007,492	22,424	21,959	64	54	84 411	5 882,062	70 981,799	12,068	11,602
15	5	99 171	53 118,281	1 186 619,744	22,339	21,874	65	55	82 989	5 547,201	65 099,738	11,736	11,270
16	6	99 149	50 941,407	1 133 501,464	22,251	21,786	66	56	81 460	5 223,060	59 552,537	11,402	10,937
17	7	99 119	48 849,918	1 082 560,057	22,161	21,696	67	57	79 821	4 909,305	54 329,477	11,067	10,601
18	8	99 088	46 843,709	1 033 710,139	22,067	21,602	68	58	78 083	4 606,653	49 420,172	10,728	10,263
19	9	99 042	44 913,431	986 866,431	21,973	21,507	69	59	76 230	4 313,992	44 813,519	10,388	9,923
20	10	98 997	43 062,754	941 952,999	21,874	21,409	70	60	74 277	4 032,106	40 499,526	10,044	9,579
21	11	98 951	41 287,858	898 890,245	21,771	21,306	71	61	72 233	3 761,278	36 467,421	9,695	9,230
22	12	98 903	39 585,597	857 602,387	21,665	21,199	72	62	70 038	3 498,314	32 706,143	9,349	8,884
23	13	98 856	37 953,478	818 016,789	21,553	21,088	73	63	67 780	3 247,495	29 207,828	8,994	8,529
24	14	98 806	36 388,040	780 063,311	21,437	20,972	74	64	65 381	3 004,842	25 960,334	8,639	8,174
25	15	98 752	34 885,388	743 675,271	21,318	20,852	75	65	62 873	2 771,772	22 955,491	8,282	7,817
26	16	98 697	33 444,549	708 789,883	21,193	20,728	76	66	60 233	2 547,164	20 183,719	7,924	7,459
27	17	98 641	32 062,866	675 345,334	21,063	20,598	77	67	57 470	2 331,230	17 636,555	7,565	7,100
28	18	98 584	30 737,929	643 282,468	20,928	20,463	78	68	54 640	2 126,075	15 305,325	7,199	6,734
29	19	98 522	29 466,403	612 544,539	20,788	20,323	79	69	51 664	1 928,319	13 179,250	6,835	6,369
30	20	98 457	28 246,547	583 078,137	20,642	20,177	80	70	48 541	1 737,895	11 250,931	6,474	6,009
31	21	98 389	27 076,267	554 831,590	20,491	20,026	81	71	45 258	1 554,291	9 513,036	6,120	5,655
32	22	98 316	25 953,132	527 755,323	20,335	19,870	82	72	41 856	1 378,875	7 958,745	5,772	5,307
33	23	98 239	24 875,708	501 802,191	20,172	19,707	83	73	38 369	1 212,469	6 579,870	5,427	4,962
34	24	98 154	23 840,961	476 926,482	20,004	19,539	84	74	34 747	1 053,234	5 367,401	5,096	4,631
35	25	98 069	22 849,202	453 085,521	19,829	19,364	85	75	31 059	903,061	4 314,168	4,777	4,312
36	26	97 976	21 896,894	430 236,319	19,648	19,183	86	76	27 332	762,314	3 411,106	4,475	4,009
37	27	97 872	20 981,926	408 339,425	19,461	18,996	87	77	23 662	633,046	2 648,792	4,184	3,719
38	28	97 754	20 102,253	387 357,499	19,269	18,804	88	78	20 116	516,224	2 015,746	3,905	3,440
39	29	97 632	19 258,560	367 255,246	19,070	18,604	89	79	16 697	411,025	1 499,522	3,648	3,183
40	30	97 495	18 447,556	347 996,686	18,864	18,399	90	80	13 509	319,000	1 088,497	3,412	2,947
41	31	97 347	17 668,600	329 549,130	18,652	18,186	91	81	10 643	241,068	769,497	3,192	2,727
42	32	97 174	16 918,260	311 880,531	18,435	17,969	92	82	8 163	177,364	528,429	2,979	2,514
43	33	97 004	16 200,146	294 962,271	18,207	17,742	93	83	6 037	125,828	351,065	2,790	2,325
44	34	96 815	15 509,494	278 762,125	17,974	17,508	94	84	4 307	86,104	225,236	2,616	2,151
45	35	96 611	14 845,747	263 252,632	17,733	17,267	95	85	2 944	56,455	139,133	2,464	1,999
46	36	96 384	14 207,125	248 406,884	17,485	17,019	96	86	1 934	35,570	82,678	2,324	1,859
47	37	96 139	13 593,342	234 199,759	17,229	16,764	97	87	1 212	21,392	47,108	2,202	1,737
48	38	95 867	13 002,206	220 606,417	16,967	16,502	98	88	729	12,332	25,716	2,085	1,620
49	39	95 562	12 432,516	207 604,211	16,698	16,233	99	89	419	6,796	13,384	1,969	1,504
							100	90	226	3,517	6,587	1,873	1,408

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	39	95 282	11 890,651	195 830,164	16,469	16,004
1							51	40	94 914	11 361,852	183 939,513	16,189	15,724
2							52	41	94 514	10 852,789	172 577,661	15,902	15,436
3							53	42	94 067	10 361,150	161 724,872	15,609	15,144
4							54	43	93 567	9 885,907	151 363,722	15,311	14,846
5							55	44	93 015	9 426,940	141 477,815	15,008	14,543
6							56	45	92 399	8 982,700	132 050,876	14,701	14,235
7							57	46	91 715	8 552,714	123 068,175	14,389	13,924
8							58	47	90 959	8 136,397	114 515,461	14,074	13,609
9							59	48	90 139	7 734,352	106 379,064	13,754	13,289
10							60	49	89 220	7 343,416	98 644,712	13,433	12,968
11	0	99 550	62 980,404	1 423 796,813	22,607	22,142	61	50	88 219	6 964,994	91 301,296	13,109	12,643
12	1	99 255	60 233,988	1 360 816,409	22,592	22,127	62	51	87 123	6 598,089	84 336,302	12,782	12,317
13	2	99 225	57 760,441	1 300 582,420	22,517	22,052	63	52	85 920	6 241,726	77 738,213	12,455	11,989
14	3	99 202	55 393,271	1 242 821,979	22,436	21,971	64	53	84 620	5 896,677	71 496,487	12,125	11,660
15	4	99 180	53 123,171	1 187 428,708	22,352	21,887	65	54	83 218	5 562,522	65 599,810	11,793	11,328
16	5	99 156	50 944,868	1 134 305,537	22,265	21,800	66	55	81 714	5 239,367	60 037,288	11,459	10,994
17	6	99 126	48 853,485	1 083 360,669	22,176	21,710	67	56	80 092	4 925,962	54 797,921	11,124	10,659
18	7	99 093	46 845,940	1 034 507,185	22,083	21,618	68	57	78 378	4 624,022	49 871,959	10,785	10,320
19	8	99 050	44 916,668	987 661,245	21,989	21,524	69	58	76 550	4 332,073	45 247,936	10,445	9,980
20	9	99 003	43 065,043	942 744,576	21,891	21,426	70	59	74 623	4 050,879	40 915,864	10,100	9,635
21	10	98 956	41 290,154	899 679,533	21,789	21,324	71	60	72 605	3 780,661	36 864,985	9,751	9,286
22	11	98 911	39 588,642	858 389,379	21,683	21,218	72	61	70 432	3 517,966	33 084,324	9,404	8,939
23	12	98 862	37 955,877	818 800,737	21,572	21,107	73	62	68 197	3 267,498	29 566,357	9,049	8,583
24	13	98 814	36 390,916	780 844,860	21,457	20,992	74	63	65 826	3 025,294	26 298,859	8,693	8,228
25	14	98 761	34 888,606	744 453,944	21,338	20,873	75	64	63 342	2 792,461	23 273,565	8,334	7,869
26	15	98 708	33 448,422	709 565,338	21,214	20,748	76	65	60 720	2 567,741	20 481,104	7,976	7,511
27	16	98 653	32 066,965	676 116,916	21,085	20,619	77	66	57 978	2 351,827	17 913,363	7,617	7,152
28	17	98 596	30 741,915	644 049,951	20,950	20,485	78	67	55 156	2 146,159	15 561,536	7,251	6,786
29	18	98 538	29 471,186	613 308,036	20,810	20,345	79	68	52 197	1 948,198	13 415,378	6,886	6,421
30	19	98 473	28 251,190	583 836,850	20,666	20,201	80	69	49 108	1 758,195	11 467,180	6,522	6,057
31	20	98 405	27 080,700	555 585,660	20,516	20,051	81	70	45 833	1 574,048	9 708,984	6,168	5,703
32	21	98 333	25 957,540	528 504,960	20,360	19,895	82	71	42 443	1 398,190	8 134,936	5,818	5,353
33	22	98 256	24 879,883	502 547,420	20,199	19,734	83	72	38 952	1 230,868	6 736,746	5,473	5,008
34	23	98 170	23 844,861	477 667,538	20,032	19,567	84	73	35 338	1 071,161	5 505,878	5,140	4,675
35	24	98 085	22 852,956	453 822,676	19,858	19,393	85	74	31 634	919,794	4 434,717	4,821	4,356
36	25	97 995	21 901,152	430 969,720	19,678	19,213	86	75	27 893	777,967	3 514,923	4,518	4,053
37	26	97 890	20 985,666	409 068,568	19,493	19,028	87	76	24 198	647,385	2 736,956	4,228	3,762
38	27	97 775	20 106,470	388 082,902	19,301	18,836	88	77	20 609	528,885	2 089,571	3,951	3,486
39	28	97 655	19 263,144	367 976,431	19,103	18,637	89	78	17 164	422,521	1 560,687	3,694	3,229
40	29	97 519	18 452,109	348 713,287	18,898	18,433	90	79	13 939	329,140	1 138,166	3,458	2,993
41	30	97 374	17 673,598	330 261,178	18,687	18,221	91	80	11 032	249,880	809,026	3,238	2,772
42	31	97 205	16 923,709	312 587,581	18,470	18,005	92	81	8 507	184,834	559,146	3,025	2,560
43	32	97 037	16 205,590	295 663,871	18,245	17,779	93	82	6 335	132,034	374,312	2,835	2,370
44	33	96 849	15 514,927	279 458,282	18,012	17,547	94	83	4 559	91,134	242,278	2,658	2,193
45	34	96 648	14 851,418	263 943,355	17,772	17,307	95	84	3 145	60,301	151,144	2,506	2,041
46	35	96 429	14 213,762	249 091,937	17,525	17,059	96	85	2 087	38,399	90,842	2,366	1,901
47	36	96 185	13 599,827	234 878,175	17,271	16,805	97	86	1 325	23,387	52,443	2,242	1,777
48	37	95 915	13 008,775	221 278,348	17,010	16,545	98	87	809	13,688	29,056	2,123	1,657
49	38	95 615	12 439,408	208 269,573	16,743	16,278	99	88	472	7,665	15,368	2,005	1,540
							100	89	259	4,037	7,703	1,908	1,443

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	11 897,244	196 432,226	16,511	16,046
1							51	39	94 975	11 369,249	184 534,983	16,231	15,766
2							52	40	94 574	10 859,664	173 165,733	15,946	15,481
3							53	41	94 136	10 368,750	162 306,069	15,653	15,188
4							54	42	93 643	9 893,890	151 937,319	15,357	14,891
5							55	43	93 099	9 435,391	142 043,430	15,054	14,589
6							56	44	92 486	8 991,205	132 608,039	14,749	14,283
7							57	45	91 814	8 561,924	123 616,834	14,438	13,973
8							58	46	91 066	8 146,044	115 054,910	14,124	13,659
9							59	47	90 256	7 744,415	106 908,866	13,805	13,339
10							60	48	89 356	7 354,574	99 164,452	13,483	13,018
11							61	49	88 368	6 976,743	91 809,878	13,159	12,694
12	0	99 543	60 408,682	1 361 756,197	22,542	22,077	62	50	87 284	6 610,278	84 833,135	12,834	12,368
13	1	99 247	57 773,291	1 301 347,514	22,525	22,060	63	51	86 099	6 254,714	78 222,857	12,506	12,041
14	2	99 215	55 400,551	1 243 574,223	22,447	21,982	64	52	84 807	5 909,704	71 968,143	12,178	11,713
15	3	99 190	53 128,468	1 188 173,673	22,364	21,899	65	53	83 425	5 576,343	66 058,438	11,846	11,381
16	4	99 165	50 949,558	1 135 045,205	22,278	21,813	66	54	81 940	5 253,838	60 482,095	11,512	11,047
17	5	99 133	48 856,804	1 084 095,647	22,189	21,724	67	55	80 342	4 941,342	55 228,258	11,177	10,712
18	6	99 100	46 849,361	1 035 238,843	22,097	21,632	68	56	78 644	4 639,712	50 286,916	10,838	10,373
19	7	99 054	44 918,808	988 389,482	22,004	21,539	69	57	76 838	4 348,406	45 647,204	10,497	10,032
20	8	99 010	43 068,147	943 470,674	21,906	21,441	70	58	74 936	4 067,857	41 298,798	10,152	9,687
21	9	98 962	41 292,348	900 402,527	21,806	21,340	71	59	72 943	3 798,264	37 230,941	9,802	9,337
22	10	98 916	39 590,843	859 110,178	21,700	21,235	72	60	70 795	3 536,095	33 432,677	9,455	8,989
23	11	98 869	37 958,796	819 519,336	21,590	21,124	73	61	68 581	3 285,853	29 896,582	9,099	8,633
24	12	98 820	36 393,216	781 560,540	21,475	21,010	74	62	66 231	3 043,929	26 610,728	8,742	8,277
25	13	98 769	34 891,364	745 167,323	21,357	20,892	75	63	63 773	2 811,467	23 566,800	8,382	7,917
26	14	98 717	33 451,508	710 275,959	21,233	20,768	76	64	61 173	2 586,907	20 755,333	8,023	7,558
27	15	98 665	32 070,678	676 824,452	21,104	20,639	77	65	58 446	2 370,826	18 168,426	7,663	7,198
28	16	98 609	30 745,845	644 753,773	20,970	20,505	78	66	55 644	2 165,120	15 797,600	7,296	6,831
29	17	98 551	29 475,008	614 007,928	20,831	20,366	79	67	52 690	1 966,601	13 632,479	6,932	6,467
30	18	98 489	28 255,777	584 532,920	20,687	20,222	80	68	49 614	1 776,321	11 665,878	6,567	6,102
31	19	98 421	27 085,152	556 277,144	20,538	20,073	81	69	46 368	1 592,435	9 889,557	6,210	5,745
32	20	98 349	25 961,789	529 191,992	20,383	19,918	82	70	42 982	1 415,963	8 297,122	5,860	5,394
33	21	98 273	24 884,108	503 230,203	20,223	19,758	83	71	39 497	1 248,110	6 881,159	5,513	5,048
34	22	98 187	23 848,863	478 346,095	20,057	19,592	84	72	35 874	1 087,415	5 633,049	5,180	4,715
35	23	98 102	22 856,695	454 497,232	19,885	19,419	85	73	32 173	935,450	4 545,634	4,859	4,394
36	24	98 011	21 904,751	431 640,538	19,705	19,240	86	74	28 410	792,382	3 610,184	4,556	4,091
37	25	97 909	20 989,747	409 735,787	19,521	19,056	87	75	24 695	660,677	2 817,802	4,265	3,800
38	26	97 792	20 110,055	388 746,040	19,331	18,866	88	76	21 076	540,864	2 157,125	3,988	3,523
39	27	97 675	19 267,186	368 635,986	19,133	18,668	89	77	17 585	432,883	1 616,260	3,734	3,268
40	28	97 542	18 456,501	349 368,800	18,929	18,464	90	78	14 329	338,346	1 183,377	3,498	3,032
41	29	97 398	17 677,960	330 912,299	18,719	18,254	91	79	11 383	257,823	845,031	3,278	2,812
42	30	97 233	16 928,496	313 234,339	18,503	18,038	92	80	8 818	191,590	587,209	3,065	2,600
43	31	97 068	16 210,809	296 305,843	18,278	17,813	93	81	6 602	137,595	395,619	2,875	2,410
44	32	96 882	15 520,141	280 095,033	18,047	17,582	94	82	4 783	95,629	258,023	2,698	2,233
45	33	96 681	14 856,621	264 574,892	17,809	17,343	95	83	3 328	63,824	162,395	2,544	2,079
46	34	96 466	14 219,191	249 718,272	17,562	17,097	96	84	2 230	41,016	98,570	2,403	1,938
47	35	96 230	13 606,180	235 499,081	17,308	16,843	97	85	1 431	25,247	57,555	2,280	1,814
48	36	95 961	13 014,981	221 892,900	17,049	16,584	98	86	884	14,964	32,307	2,159	1,694
49	37	95 663	12 445,693	208 877,919	16,783	16,318	99	87	524	8,508	17,343	2,038	1,573
							100	88	292	4,553	8,835	1,940	1,475

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	37	95 383	11 903,254	196 982,546	16,549	16,083
1							51	38	95 028	11 375,553	185 079,292	16,270	15,805
2							52	39	94 636	10 866,735	173 703,740	15,985	15,520
3							53	40	94 196	10 375,318	162 837,005	15,695	15,229
4							54	41	93 712	9 901,147	152 461,686	15,398	14,933
5							55	42	93 174	9 443,010	142 560,540	15,097	14,632
6							56	43	92 569	8 999,265	133 117,530	14,792	14,327
7							57	44	91 901	8 570,030	124 118,264	14,483	14,018
8							58	45	91 165	8 154,815	115 548,234	14,169	13,704
9							59	46	90 363	7 753,596	107 393,419	13,851	13,386
10							60	47	89 472	7 364,142	99 639,823	13,530	13,065
11							61	48	88 502	6 987,344	92 275,680	13,206	12,741
12							62	49	87 431	6 621,429	85 288,336	12,881	12,415
13	0	99 535	57 940,849	1 302 215,614	22,475	22,010	63	50	86 258	6 266,269	78 666,907	12,554	12,089
14	1	99 237	55 412,875	1 244 274,766	22,455	21,989	64	51	84 984	5 922,001	72 400,639	12,226	11,760
15	2	99 203	53 135,450	1 188 861,891	22,374	21,909	65	52	83 609	5 588,663	66 478,637	11,895	11,430
16	3	99 175	50 954,638	1 135 726,441	22,289	21,824	66	53	82 144	5 266,892	60 889,974	11,561	11,096
17	4	99 142	48 861,302	1 084 771,803	22,201	21,736	67	54	80 564	4 954,989	55 623,082	11,226	10,760
18	5	99 107	46 852,544	1 035 910,501	22,110	21,645	68	55	78 889	4 654,198	50 668,093	10,887	10,421
19	6	99 062	44 922,088	989 057,956	22,017	21,552	69	56	77 099	4 363,161	46 013,896	10,546	10,081
20	7	99 014	43 070,199	944 135,869	21,921	21,456	70	57	75 218	4 083,194	41 650,735	10,201	9,735
21	8	98 969	41 295,324	901 065,670	21,820	21,355	71	58	73 249	3 814,182	37 567,541	9,849	9,384
22	9	98 922	39 592,947	859 770,346	21,715	21,250	72	59	71 124	3 552,560	33 753,358	9,501	9,036
23	10	98 875	37 960,907	820 177,399	21,606	21,141	73	60	68 934	3 302,786	30 200,799	9,144	8,679
24	11	98 828	36 396,015	782 216,492	21,492	21,027	74	61	66 603	3 061,028	26 898,013	8,787	8,322
25	12	98 775	34 893,569	745 820,477	21,374	20,909	75	62	64 166	2 828,785	23 836,984	8,427	7,961
26	13	98 725	33 454,152	710 926,907	21,251	20,786	76	63	61 590	2 604,514	21 008,200	8,066	7,601
27	14	98 674	32 073,637	677 472,756	21,122	20,657	77	64	58 882	2 388,522	18 403,685	7,705	7,240
28	15	98 620	30 749,405	645 399,119	20,989	20,524	78	65	56 093	2 182,611	16 015,164	7,338	6,872
29	16	98 563	29 478,776	614 649,713	20,851	20,385	79	66	53 155	1 983,976	13 832,553	6,972	6,507
30	17	98 502	28 259,441	585 170,937	20,707	20,242	80	67	50 083	1 793,101	11 848,576	6,608	6,143
31	18	98 437	27 089,549	556 911,497	20,558	20,093	81	68	46 847	1 608,852	10 055,475	6,250	5,785
32	19	98 365	25 966,057	529 821,948	20,404	19,939	82	69	43 484	1 432,503	8 446,624	5,896	5,431
33	20	98 289	24 888,182	503 855,890	20,245	19,780	83	70	39 999	1 263,975	7 014,121	5,549	5,084
34	21	98 204	23 852,913	478 967,709	20,080	19,615	84	71	36 377	1 102,648	5 750,146	5,215	4,750
35	22	98 118	22 860,530	455 114,796	19,908	19,443	85	72	32 661	949,645	4 647,498	4,894	4,429
36	23	98 027	21 908,334	432 254,266	19,730	19,265	86	73	28 894	805,869	3 697,853	4,589	4,123
37	24	97 925	20 993,195	410 345,932	19,547	19,081	87	74	25 152	672,919	2 891,984	4,298	3,832
38	25	97 811	20 113,965	389 352,737	19,357	18,892	88	75	21 508	551,970	2 219,064	4,020	3,555
39	26	97 693	19 270,620	369 238,772	19,161	18,695	89	76	17 983	442,688	1 667,094	3,766	3,301
40	27	97 563	18 460,373	349 968,151	18,958	18,493	90	77	14 680	346,644	1 224,406	3,532	3,067
41	28	97 421	17 682,168	331 507,778	18,748	18,283	91	78	11 701	265,034	877,762	3,312	2,847
42	29	97 257	16 932,675	313 825,610	18,534	18,069	92	79	9 098	197,680	612,729	3,100	2,634
43	30	97 095	16 215,395	296 892,935	18,309	17,844	93	80	6 843	142,624	415,048	2,910	2,445
44	31	96 913	15 525,140	280 677,540	18,079	17,614	94	81	4 985	99,656	272,424	2,734	2,268
45	32	96 714	14 861,613	265 152,400	17,841	17,376	95	82	3 492	66,972	172,768	2,580	2,114
46	33	96 500	14 224,173	250 290,787	17,596	17,131	96	83	2 360	43,412	105,796	2,437	1,972
47	34	96 267	13 611,377	236 066,615	17,343	16,878	97	84	1 528	26,968	62,384	2,313	1,848
48	35	96 006	13 021,061	222 455,238	17,084	16,619	98	85	954	16,155	35,416	2,192	1,727
49	36	95 709	12 451,630	209 434,177	16,820	16,355	99	86	573	9,301	19,261	2,071	1,606
							100	87	325	5,054	9,960	1,971	1,505

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	11 908,933	197 485,619	16,583	16,118
1							51	37	95 076	11 381,299	185 576,686	16,305	15,840
2							52	38	94 688	10 872,759	174 195,387	16,021	15,556
3							53	39	94 257	10 382,074	163 322,628	15,731	15,266
4							54	40	93 771	9 907,420	152 940,554	15,437	14,972
5							55	41	93 242	9 449,936	143 033,135	15,136	14,671
6							56	42	92 644	9 006,532	133 583,198	14,832	14,367
7							57	43	91 983	8 577,713	124 576,666	14,523	14,058
8							58	44	91 251	8 162,536	115 998,953	14,211	13,746
9							59	45	90 460	7 761,946	107 836,417	13,893	13,428
10							60	46	89 578	7 372,873	100 074,472	13,573	13,108
11							61	47	88 617	6 996,435	92 701,598	13,250	12,785
12							62	48	87 564	6 631,489	85 705,163	12,924	12,459
13							63	49	86 404	6 276,839	79 073,674	12,598	12,132
14	0	99 525	55 573,587	1 245 076,829	22,404	21,939	64	50	85 141	5 932,941	72 796,835	12,270	11,805
15	1	99 225	53 147,270	1 189 503,242	22,381	21,916	65	51	83 783	5 600,292	66 863,893	11,939	11,474
16	2	99 188	50 961,335	1 136 355,971	22,298	21,833	66	52	82 325	5 278,528	61 263,602	11,606	11,141
17	3	99 152	48 866,174	1 085 394,637	22,212	21,746	67	53	80 764	4 967,301	55 985,073	11,271	10,806
18	4	99 116	46 856,857	1 036 528,463	22,121	21,656	68	54	79 107	4 667,052	51 017,773	10,931	10,466
19	5	99 068	44 925,140	989 671,605	22,029	21,564	69	55	77 340	4 376,783	46 350,721	10,590	10,125
20	6	99 022	43 073,344	944 746,465	21,933	21,468	70	56	75 474	4 097,049	41 973,938	10,245	9,780
21	7	98 973	41 297,291	901 673,121	21,834	21,368	71	57	73 525	3 828,564	37 876,889	9,893	9,428
22	8	98 929	39 595,801	860 375,830	21,729	21,264	72	58	71 422	3 567,449	34 048,325	9,544	9,079
23	9	98 880	37 962,924	820 780,029	21,621	21,155	73	59	69 255	3 318,164	30 480,876	9,186	8,721
24	10	98 833	36 398,039	782 817,105	21,507	21,042	74	60	66 947	3 076,802	27 162,712	8,828	8,363
25	11	98 783	34 896,253	746 419,066	21,390	20,924	75	61	64 526	2 844,676	24 085,910	8,467	8,002
26	12	98 731	33 456,266	711 522,813	21,267	20,802	76	62	61 969	2 620,557	21 241,235	8,106	7,640
27	13	98 682	32 076,172	678 066,547	21,139	20,674	77	63	59 283	2 404,779	18 620,678	7,743	7,278
28	14	98 629	30 752,242	645 990,375	21,006	20,541	78	64	56 512	2 198,902	16 215,899	7,375	6,909
29	15	98 575	29 482,190	615 238,133	20,868	20,403	79	65	53 585	2 000,004	14 016,997	7,008	6,543
30	16	98 515	28 263,054	585 755,943	20,725	20,260	80	66	50 525	1 808,943	12 016,993	6,643	6,178
31	17	98 450	27 093,062	557 492,890	20,577	20,112	81	67	47 289	1 624,050	10 208,050	6,286	5,820
32	18	98 381	25 970,273	530 399,828	20,423	19,958	82	68	43 933	1 447,271	8 584,000	5,931	5,466
33	19	98 305	24 892,273	504 429,555	20,265	19,799	83	69	40 466	1 278,740	7 136,730	5,581	5,116
34	20	98 220	23 856,818	479 537,282	20,101	19,635	84	70	36 839	1 116,664	5 857,990	5,246	4,781
35	21	98 135	22 864,412	455 680,465	19,930	19,464	85	71	33 118	962,948	4 741,326	4,924	4,459
36	22	98 044	21 912,010	432 816,052	19,752	19,287	86	72	29 332	818,098	3 778,378	4,618	4,153
37	23	97 941	20 996,630	410 904,042	19,570	19,105	87	73	25 581	684,373	2 960,280	4,326	3,860
38	24	97 827	20 117,270	389 907,412	19,382	18,917	88	74	21 907	562,198	2 275,907	4,048	3,583
39	25	97 712	19 274,368	369 790,143	19,186	18,720	89	75	18 352	451,778	1 713,710	3,793	3,328
40	26	97 580	18 463,664	350 515,775	18,984	18,519	90	76	15 013	354,495	1 261,932	3,560	3,095
41	27	97 442	17 685,878	332 052,111	18,775	18,310	91	77	11 988	271,534	907,436	3,342	2,877
42	28	97 280	16 936,705	314 366,233	18,561	18,096	92	78	9 353	203,209	635,903	3,129	2,664
43	29	97 119	16 219,397	297 429,528	18,338	17,873	93	79	7 061	147,158	432,693	2,940	2,475
44	30	96 940	15 529,531	281 210,130	18,108	17,643	94	80	5 167	103,299	285,535	2,764	2,299
45	31	96 745	14 866,400	265 680,599	17,871	17,406	95	81	3 639	69,793	182,236	2,611	2,146
46	32	96 532	14 228,952	250 814,199	17,627	17,162	96	82	2 476	45,553	112,444	2,468	2,003
47	33	96 301	13 616,146	236 585,247	17,375	16,910	97	83	1 618	28,543	66,891	2,343	1,878
48	34	96 042	13 026,034	222 969,101	17,117	16,652	98	84	1 019	17,256	38,348	2,222	1,757
49	35	95 754	12 457,447	209 943,066	16,853	16,388	99	85	618	10,041	21,092	2,101	1,635
							100	86	355	5,525	11,051	2,000	1,535

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	11 914,496	197 945,752	16,614	16,149
1							51	36	95 121	11 386,729	186 031,256	16,338	15,872
2							52	37	94 736	10 878,252	174 644,527	16,054	15,589
3							53	38	94 310	10 387,829	163 766,275	15,765	15,300
4							54	39	93 832	9 913,870	153 378,445	15,471	15,006
5							55	40	93 301	9 455,923	143 464,575	15,172	14,707
6							56	41	92 712	9 013,138	134 008,652	14,868	14,403
7							57	42	92 057	8 584,640	124 995,514	14,560	14,095
8							58	43	91 333	8 169,854	116 410,874	14,249	13,784
9							59	44	90 546	7 769,294	108 241,021	13,932	13,467
10							60	45	89 674	7 380,812	100 471,727	13,613	13,147
11							61	46	88 722	7 004,730	93 090,914	13,290	12,825
12							62	47	87 678	6 640,117	86 086,184	12,965	12,499
13							63	48	86 535	6 286,376	79 446,067	12,638	12,173
14							64	49	85 285	5 942,950	73 159,690	12,310	11,845
15	0	99 513	53 301,411	1 190 244,461	22,330	21,865	65	50	83 938	5 610,637	67 216,741	11,980	11,515
16	1	99 210	50 972,672	1 136 943,050	22,305	21,840	66	51	82 497	5 289,512	61 606,104	11,647	11,182
17	2	99 165	48 872,596	1 085 970,378	22,220	21,755	67	52	80 942	4 978,275	56 316,592	11,312	10,847
18	3	99 126	46 861,529	1 037 097,782	22,131	21,666	68	53	79 304	4 678,648	51 338,317	10,973	10,508
19	4	99 077	44 929,276	990 236,253	22,040	21,575	69	54	77 553	4 388,871	46 659,668	10,631	10,166
20	5	99 028	43 076,270	945 306,977	21,945	21,480	70	55	75 709	4 109,840	42 270,797	10,285	9,820
21	6	98 981	41 300,307	902 230,706	21,846	21,380	71	56	73 775	3 841,554	38 160,957	9,934	9,469
22	7	98 933	39 597,687	860 930,400	21,742	21,277	72	57	71 692	3 580,899	34 319,403	9,584	9,119
23	8	98 887	37 965,660	821 332,713	21,634	21,168	73	58	69 545	3 332,071	30 738,503	9,225	8,760
24	9	98 839	36 399,974	783 367,052	21,521	21,056	74	59	67 258	3 091,128	27 406,433	8,866	8,401
25	10	98 788	34 898,193	746 967,079	21,404	20,939	75	60	64 859	2 859,335	24 315,304	8,504	8,039
26	11	98 739	33 458,839	712 068,886	21,282	20,817	76	61	62 317	2 635,278	21 455,970	8,142	7,677
27	12	98 688	32 078,200	678 610,047	21,155	20,690	77	62	59 648	2 419,591	18 820,692	7,778	7,313
28	13	98 637	30 754,673	646 531,847	21,022	20,557	78	63	56 896	2 213,868	16 401,100	7,408	6,943
29	14	98 584	29 484,910	615 777,174	20,884	20,419	79	64	53 985	2 014,932	14 187,232	7,041	6,576
30	15	98 526	28 266,326	586 292,265	20,742	20,277	80	65	50 934	1 823,556	12 172,300	6,675	6,210
31	16	98 463	27 096,526	558 025,938	20,594	20,129	81	66	47 707	1 638,398	10 348,743	6,316	5,851
32	17	98 394	25 973,640	530 929,413	20,441	19,976	82	67	44 348	1 460,942	8 710,345	5,962	5,497
33	18	98 321	24 896,314	504 955,773	20,282	19,817	83	68	40 884	1 291,922	7 249,403	5,611	5,146
34	19	98 236	23 860,740	480 059,458	20,119	19,654	84	69	37 270	1 129,708	5 957,481	5,273	4,808
35	20	98 151	22 868,156	456 198,719	19,949	19,484	85	70	33 539	975,188	4 827,773	4,951	4,485
36	21	98 061	21 915,731	433 330,563	19,773	19,307	86	71	29 743	829,558	3 852,584	4,644	4,179
37	22	97 957	21 000,153	411 414,832	19,591	19,126	87	72	25 969	694,758	3 023,027	4,351	3,886
38	23	97 843	20 120,561	390 414,679	19,404	18,939	88	73	22 280	571,767	2 328,269	4,072	3,607
39	24	97 728	19 277,534	370 294,118	19,209	18,743	89	74	18 693	460,149	1 756,502	3,817	3,352
40	25	97 599	18 467,255	351 016,584	19,008	18,542	90	75	15 321	361,774	1 296,353	3,583	3,118
41	26	97 459	17 689,030	332 549,329	18,800	18,335	91	76	12 259	277,684	934,578	3,366	2,900
42	27	97 300	16 940,259	314 860,299	18,587	18,121	92	77	9 582	208,193	656,894	3,155	2,690
43	28	97 142	16 223,258	297 920,040	18,364	17,899	93	78	7 258	151,274	448,701	2,966	2,501
44	29	96 964	15 533,365	281 696,782	18,135	17,670	94	79	5 331	106,582	297,428	2,791	2,325
45	30	96 772	14 870,605	266 163,418	17,899	17,433	95	80	3 772	72,344	190,845	2,638	2,173
46	31	96 563	14 233,535	251 292,812	17,655	17,190	96	81	2 581	47,471	118,501	2,496	2,031
47	32	96 333	13 620,721	237 059,277	17,404	16,939	97	82	1 697	29,951	71,030	2,372	1,906
48	33	96 076	13 030,598	223 438,556	17,147	16,682	98	83	1 079	18,264	41,079	2,249	1,784
49	34	95 790	12 462,205	210 407,958	16,884	16,418	99	84	661	10,725	22,815	2,127	1,662
							100	85	383	5,965	12,090	2,027	1,562

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	11 919,047	198 365,974	16,643	16,178
1							51	35	95 166	11 392,049	186 446,927	16,366	15,901
2							52	36	94 781	10 883,442	175 054,878	16,085	15,619
3							53	37	94 357	10 393,077	164 171,436	15,796	15,331
4							54	38	93 884	9 919,366	153 778,359	15,503	15,038
5							55	39	93 362	9 462,079	143 858,993	15,204	14,739
6							56	40	92 771	9 018,848	134 396,913	14,902	14,437
7							57	41	92 125	8 590,936	125 378,065	14,594	14,129
8							58	42	91 406	8 176,451	116 787,128	14,283	13,818
9							59	43	90 627	7 776,259	108 610,678	13,967	13,502
10							60	44	89 759	7 387,800	100 834,418	13,649	13,184
11							61	45	88 818	7 012,273	93 446,618	13,326	12,861
12							62	46	87 782	6 647,990	86 434,345	13,002	12,536
13							63	47	86 648	6 294,555	79 786,356	12,675	12,210
14							64	48	85 414	5 951,979	73 491,800	12,347	11,882
15							65	49	84 079	5 620,102	67 539,821	12,018	11,552
16	0	99 497	51 120,506	1 137 628,203	22,254	21,789	66	50	82 649	5 299,283	61 919,719	11,685	11,219
17	1	99 187	48 883,468	1 086 507,697	22,226	21,761	67	51	81 111	4 988,634	56 620,436	11,350	10,885
18	2	99 139	46 867,688	1 037 624,229	22,139	21,674	68	52	79 479	4 688,985	51 631,802	11,011	10,546
19	3	99 087	44 933,756	990 756,541	22,049	21,584	69	53	77 746	4 399,776	46 942,817	10,669	10,204
20	4	99 037	43 080,236	945 822,785	21,955	21,490	70	54	75 918	4 121,191	42 543,041	10,323	9,858
21	5	98 987	41 303,113	902 742,549	21,857	21,391	71	55	74 005	3 853,548	38 421,849	9,971	9,505
22	6	98 941	39 600,578	861 439,436	21,753	21,288	72	56	71 935	3 593,050	34 568,301	9,621	9,156
23	7	98 892	37 967,469	821 838,858	21,646	21,181	73	57	69 807	3 344,634	30 975,252	9,261	8,796
24	8	98 846	36 402,597	783 871,389	21,533	21,068	74	58	67 540	3 104,083	27 630,618	8,901	8,436
25	9	98 793	34 900,048	747 468,792	21,417	20,952	75	59	65 161	2 872,648	24 526,535	8,538	8,073
26	10	98 744	33 460,699	712 568,744	21,296	20,830	76	60	62 638	2 648,858	21 653,886	8,175	7,710
27	11	98 695	32 080,667	679 108,045	21,169	20,704	77	61	59 983	2 433,183	19 005,028	7,811	7,346
28	12	98 643	30 756,617	647 027,378	21,037	20,572	78	62	57 247	2 227,505	16 571,845	7,440	6,974
29	13	98 592	29 487,240	616 270,761	20,900	20,434	79	63	54 352	2 028,646	14 344,340	7,071	6,606
30	14	98 535	28 268,934	586 783,521	20,757	20,292	80	64	51 314	1 837,168	12 315,694	6,704	6,238
31	15	98 474	27 099,663	558 514,587	20,610	20,144	81	65	48 092	1 651,634	10 478,526	6,344	5,879
32	16	98 406	25 976,961	531 414,924	20,457	19,992	82	66	44 739	1 473,850	8 826,892	5,989	5,524
33	17	98 333	24 899,542	505 437,963	20,299	19,834	83	67	41 270	1 304,126	7 353,042	5,638	5,173
34	18	98 252	23 864,613	480 538,421	20,136	19,671	84	68	37 654	1 141,354	6 048,916	5,300	4,835
35	19	98 167	22 871,915	456 673,807	19,967	19,501	85	69	33 931	986,580	4 907,562	4,974	4,509
36	20	98 077	21 919,319	433 801,892	19,791	19,326	86	70	30 121	840,103	3 920,982	4,667	4,202
37	21	97 974	21 003,719	411 882,573	19,610	19,145	87	71	26 333	704,490	3 080,879	4,373	3,908
38	22	97 860	20 123,937	390 878,854	19,424	18,958	88	72	22 618	580,443	2 376,389	4,094	3,629
39	23	97 744	19 280,688	370 754,917	19,229	18,764	89	73	19 011	467,981	1 795,946	3,838	3,372
40	24	97 615	18 470,289	351 474,229	19,029	18,564	90	74	15 605	368,478	1 327,965	3,604	3,139
41	25	97 478	17 692,470	333 003,940	18,822	18,357	91	75	12 511	283,386	959,487	3,386	2,921
42	26	97 318	16 943,279	315 311,470	18,610	18,145	92	76	9 799	212,909	676,102	3,176	2,710
43	27	97 163	16 226,662	298 368,192	18,388	17,922	93	77	7 436	154,984	463,193	2,989	2,523
44	28	96 987	15 537,062	282 141,530	18,159	17,694	94	78	5 480	109,563	308,209	2,813	2,348
45	29	96 796	14 874,276	266 604,468	17,924	17,459	95	79	3 892	74,643	198,646	2,661	2,196
46	30	96 591	14 237,562	251 730,192	17,681	17,215	96	80	2 675	49,206	124,002	2,520	2,055
47	31	96 364	13 625,109	237 492,630	17,431	16,965	97	81	1 769	31,212	74,796	2,396	1,931
48	32	96 108	13 034,977	223 867,522	17,174	16,709	98	82	1 132	19,164	43,583	2,274	1,809
49	33	95 824	12 466,571	210 832,545	16,912	16,447	99	83	699	11,352	24,419	2,151	1,686
							100	84	409	6,371	13,067	2,051	1,586

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	11 923,223	198 749,637	16,669	16,204
1							51	34	95 202	11 396,400	186 826,414	16,393	15,928
2							52	35	94 825	10 888,526	175 430,015	16,111	15,646
3							53	36	94 402	10 398,036	164 541,488	15,824	15,359
4							54	37	93 931	9 924,377	154 143,453	15,532	15,067
5							55	38	93 414	9 467,325	144 219,075	15,233	14,768
6							56	39	92 831	9 024,720	134 751,750	14,931	14,466
7							57	40	92 183	8 596,379	125 727,030	14,626	14,160
8							58	41	91 473	8 182,448	117 130,651	14,315	13,850
9							59	42	90 700	7 782,539	108 948,203	13,999	13,534
10							60	43	89 840	7 394,423	101 165,664	13,681	13,216
11							61	44	88 902	7 018,912	93 771,241	13,360	12,895
12							62	45	87 877	6 655,149	86 752,329	13,035	12,570
13							63	46	86 750	6 302,018	80 097,180	12,710	12,245
14							64	47	85 525	5 959,723	73 795,162	12,382	11,917
15							65	48	84 207	5 628,641	67 835,439	12,052	11,587
16							66	49	82 788	5 308,223	62 206,798	11,719	11,254
17	0	99 475	49 025,243	1 087 141,169	22,175	21,710	67	50	81 260	4 997,849	56 898,575	11,385	10,919
18	1	99 161	46 878,114	1 038 115,926	22,145	21,680	68	51	79 644	4 698,742	51 900,726	11,046	10,580
19	2	99 100	44 939,661	991 237,812	22,057	21,592	69	52	77 918	4 409,497	47 201,984	10,705	10,239
20	3	99 047	43 084,532	946 298,151	21,964	21,499	70	53	76 107	4 131,431	42 792,487	10,358	9,893
21	4	98 997	41 306,916	903 213,619	21,866	21,401	71	54	74 209	3 864,191	38 661,056	10,005	9,540
22	5	98 947	39 603,269	861 906,704	21,764	21,298	72	55	72 160	3 604,268	34 796,865	9,654	9,189
23	6	98 899	37 970,241	822 303,435	21,657	21,191	73	56	70 044	3 355,983	31 192,597	9,295	8,829
24	7	98 850	36 404,331	784 333,193	21,545	21,080	74	57	67 795	3 115,787	27 836,615	8,934	8,469
25	8	98 800	34 902,563	747 928,863	21,429	20,964	75	58	65 434	2 884,688	24 720,828	8,570	8,104
26	9	98 750	33 462,478	713 026,299	21,308	20,843	76	59	62 930	2 661,191	21 836,140	8,205	7,740
27	10	98 701	32 082,450	679 563,821	21,182	20,717	77	60	60 293	2 445,722	19 174,949	7,840	7,375
28	11	98 651	30 758,982	647 481,371	21,050	20,585	78	61	57 568	2 240,018	16 729,227	7,468	7,003
29	12	98 598	29 489,104	616 722,389	20,914	20,448	79	62	54 687	2 041,142	14 489,209	7,099	6,633
30	13	98 543	28 271,169	587 233,285	20,771	20,306	80	63	51 663	1 849,672	12 448,067	6,730	6,265
31	14	98 483	27 102,163	558 962,116	20,624	20,159	81	64	48 451	1 663,962	10 598,395	6,369	5,904
32	15	98 418	25 979,969	531 859,953	20,472	20,007	82	65	45 101	1 485,756	8 934,433	6,013	5,548
33	16	98 346	24 902,726	505 879,984	20,314	19,849	83	66	41 634	1 315,648	7 448,677	5,662	5,196
34	17	98 265	23 867,708	480 977,258	20,152	19,687	84	67	38 010	1 152,136	6 133,029	5,323	4,858
35	18	98 183	22 875,628	457 109,551	19,982	19,517	85	68	34 281	996,750	4 980,893	4,997	4,532
36	19	98 093	21 922,923	434 233,922	19,807	19,342	86	69	30 473	849,916	3 984,142	4,688	4,222
37	20	97 990	21 007,158	412 311,000	19,627	19,162	87	70	26 667	713,445	3 134,226	4,393	3,928
38	21	97 876	20 127,354	391 303,842	19,441	18,976	88	71	22 935	588,574	2 420,781	4,113	3,648
39	22	97 760	19 283,923	371 176,487	19,248	18,783	89	72	19 299	475,083	1 832,207	3,857	3,391
40	23	97 631	18 473,310	351 892,564	19,049	18,583	90	73	15 870	374,749	1 357,124	3,621	3,156
41	24	97 494	17 695,377	333 419,254	18,842	18,377	91	74	12 743	288,637	982,375	3,403	2,938
42	25	97 337	16 946,573	315 723,877	18,631	18,165	92	75	10 000	217,280	693,738	3,193	2,728
43	26	97 180	16 229,555	298 777,304	18,409	17,944	93	76	7 605	158,494	476,458	3,006	2,541
44	27	97 008	15 540,322	282 547,749	18,182	17,716	94	77	5 615	112,250	317,963	2,833	2,367
45	28	96 819	14 877,816	267 007,428	17,947	17,481	95	78	4 001	76,731	205,713	2,681	2,216
46	29	96 614	14 241,076	252 129,611	17,704	17,239	96	79	2 760	50,771	128,982	2,540	2,075
47	30	96 391	13 628,963	237 888,535	17,455	16,989	97	80	1 834	32,353	78,211	2,417	1,952
48	31	96 139	13 039,175	224 259,573	17,199	16,734	98	81	1 180	19,972	45,858	2,296	1,831
49	32	95 856	12 470,760	211 220,397	16,937	16,472	99	82	734	11,912	25,886	2,173	1,708
							100	83	433	6,744	13,975	2,072	1,607

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	11 927,229	199 099,992	16,693	16,228
1							51	33	95 236	11 400,392	187 172,763	16,418	15,953
2							52	34	94 862	10 892,685	175 772,370	16,137	15,672
3							53	35	94 446	10 402,893	164 879,685	15,849	15,384
4							54	36	93 976	9 929,112	154 476,792	15,558	15,093
5							55	37	93 461	9 472,108	144 547,680	15,260	14,795
6							56	38	92 883	9 029,724	135 075,572	14,959	14,494
7							57	39	92 243	8 601,976	126 045,848	14,653	14,188
8							58	40	91 531	8 187,632	117 443,872	14,344	13,879
9							59	41	90 767	7 788,247	109 256,240	14,028	13,563
10							60	42	89 912	7 400,394	101 467,993	13,711	13,246
11							61	43	88 981	7 025,204	94 067,599	13,390	12,925
12							62	44	87 960	6 661,449	87 042,395	13,067	12,601
13							63	45	86 844	6 308,804	80 380,946	12,741	12,276
14							64	46	85 627	5 966,789	74 072,141	12,414	11,949
15							65	47	84 316	5 635,964	68 105,352	12,084	11,619
16							66	48	82 914	5 316,288	62 469,388	11,751	11,285
17							67	49	81 398	5 006,280	57 153,100	11,416	10,951
18	0	99 448	47 014,073	1 038 701,755	22,093	21,628	68	50	79 791	4 707,422	52 146,819	11,078	10,612
19	1	99 122	44 949,659	991 687,682	22,062	21,597	69	51	78 080	4 418,672	47 439,398	10,736	10,271
20	2	99 060	43 090,194	946 738,023	21,971	21,506	70	52	76 275	4 140,559	43 020,725	10,390	9,925
21	3	99 006	41 311,034	903 647,830	21,874	21,409	71	53	74 394	3 873,792	38 880,167	10,037	9,572
22	4	98 957	39 606,915	862 336,795	21,772	21,307	72	54	72 359	3 614,222	35 006,374	9,686	9,221
23	5	98 906	37 972,821	822 729,881	21,666	21,201	73	55	70 263	3 366,460	31 392,152	9,325	8,860
24	6	98 858	36 406,989	784 757,059	21,555	21,090	74	56	68 025	3 126,359	28 025,692	8,964	8,499
25	7	98 805	34 904,226	748 350,070	21,440	20,975	75	57	65 681	2 895,564	24 899,333	8,599	8,134
26	8	98 757	33 464,890	713 445,844	21,319	20,854	76	58	63 194	2 672,345	22 003,769	8,234	7,769
27	9	98 706	32 084,156	679 980,955	21,194	20,728	77	59	60 573	2 457,110	19 331,424	7,868	7,402
28	10	98 657	30 760,692	647 896,799	21,062	20,597	78	60	57 865	2 251,561	16 874,314	7,494	7,029
29	11	98 605	29 491,372	617 136,107	20,926	20,461	79	61	54 994	2 052,608	14 622,753	7,124	6,659
30	12	98 549	28 272,955	587 644,735	20,785	20,319	80	62	51 981	1 861,065	12 570,145	6,754	6,289
31	13	98 491	27 104,305	559 371,780	20,638	20,173	81	63	48 781	1 675,287	10 709,080	6,392	5,927
32	14	98 427	25 982,366	532 267,474	20,486	20,021	82	64	45 437	1 496,846	9 033,793	6,035	5,570
33	15	98 357	24 905,609	506 285,109	20,328	19,863	83	65	41 971	1 326,277	7 536,947	5,683	5,218
34	16	98 277	23 870,759	481 379,499	20,166	19,701	84	66	38 345	1 162,315	6 210,670	5,343	4,878
35	17	98 195	22 878,594	457 508,740	19,997	19,532	85	67	34 605	1 006,166	5 048,355	5,017	4,552
36	18	98 109	21 926,482	434 630,145	19,822	19,357	86	68	30 787	858,678	4 042,189	4,707	4,242
37	19	98 006	21 010,611	412 703,663	19,643	19,177	87	69	26 979	721,779	3 183,511	4,411	3,945
38	20	97 892	20 130,649	391 693,052	19,458	18,992	88	70	23 226	596,055	2 461,732	4,130	3,665
39	21	97 777	19 287,198	371 562,403	19,265	18,799	89	71	19 570	481,738	1 865,676	3,873	3,408
40	22	97 647	18 476,410	352 275,204	19,066	18,601	90	72	16 111	380,436	1 383,938	3,638	3,173
41	23	97 510	17 698,272	333 798,794	18,861	18,395	91	73	12 960	293,550	1 003,502	3,419	2,953
42	24	97 353	16 949,357	316 100,523	18,650	18,184	92	74	10 186	221,306	709,953	3,208	2,743
43	25	97 199	16 232,710	299 151,165	18,429	17,964	93	75	7 761	161,749	488,646	3,021	2,556
44	26	97 025	15 543,092	282 918,455	18,202	17,737	94	76	5 742	114,793	326,898	2,848	2,382
45	27	96 840	14 880,938	267 375,363	17,968	17,502	95	77	4 099	78,613	212,105	2,698	2,233
46	28	96 637	14 244,466	252 494,425	17,726	17,261	96	78	2 837	52,191	133,492	2,558	2,093
47	29	96 415	13 632,327	238 249,959	17,477	17,012	97	79	1 892	33,382	81,301	2,436	1,970
48	30	96 167	13 042,864	224 617,633	17,221	16,756	98	80	1 223	20,702	47,919	2,315	1,850
49	31	95 887	12 474,777	211 574,769	16,960	16,495	99	81	765	12,413	27,218	2,193	1,727
							100	82	454	7,076	14,804	2,092	1,627

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	11 931,071	199 420,001	16,714	16,249
1							51	32	95 268	11 404,223	187 488,930	16,440	15,975
2							52	33	94 895	10 896,501	176 084,707	16,160	15,695
3							53	34	94 482	10 406,866	165 188,205	15,873	15,408
4							54	35	94 020	9 933,751	154 781,339	15,581	15,116
5							55	36	93 506	9 476,627	144 847,588	15,285	14,820
6							56	37	92 929	9 034,285	135 370,961	14,984	14,519
7							57	38	92 294	8 606,745	126 336,675	14,679	14,214
8							58	39	91 591	8 192,963	117 729,931	14,370	13,904
9							59	40	90 824	7 793,181	109 536,968	14,055	13,590
10							60	41	89 978	7 405,822	101 743,787	13,738	13,273
11							61	42	89 053	7 030,877	94 337,965	13,418	12,952
12							62	43	88 039	6 667,421	87 307,088	13,095	12,629
13							63	44	86 926	6 314,777	80 639,666	12,770	12,305
14							64	45	85 719	5 973,214	74 324,889	12,443	11,978
15							65	46	84 416	5 642,646	68 351,675	12,113	11,648
16							66	47	83 022	5 323,205	62 709,029	11,780	11,315
17							67	48	81 521	5 013,887	57 385,824	11,445	10,980
18							68	49	79 926	4 715,363	52 371,937	11,107	10,641
19	0	99 410	45 080,024	992 229,573	22,010	21,545	69	50	78 224	4 426,835	47 656,574	10,765	10,300
20	1	99 082	43 099,780	947 149,549	21,976	21,511	70	51	76 434	4 149,175	43 229,739	10,419	9,954
21	2	99 019	41 316,463	904 049,770	21,881	21,416	71	52	74 558	3 882,351	39 080,565	10,066	9,601
22	3	98 966	39 610,864	862 733,306	21,780	21,315	72	53	72 539	3 623,202	35 198,214	9,715	9,249
23	4	98 915	37 976,317	823 122,442	21,675	21,209	73	54	70 457	3 375,758	31 575,012	9,353	8,888
24	5	98 864	36 409,463	785 146,125	21,564	21,099	74	55	68 237	3 136,120	28 199,253	8,992	8,527
25	6	98 812	34 906,775	748 736,662	21,450	20,984	75	56	65 904	2 905,389	25 063,134	8,626	8,161
26	7	98 762	33 466,484	713 829,888	21,330	20,864	76	57	63 432	2 682,421	22 157,745	8,260	7,795
27	8	98 713	32 086,468	680 363,404	21,204	20,739	77	58	60 827	2 467,408	19 475,324	7,893	7,428
28	9	98 662	30 762,327	648 276,936	21,074	20,609	78	59	58 135	2 262,045	17 007,917	7,519	7,054
29	10	98 611	29 493,012	617 514,609	20,938	20,472	79	60	55 277	2 063,186	14 745,872	7,147	6,682
30	11	98 557	28 275,130	588 021,597	20,796	20,331	80	61	52 273	1 871,520	12 682,686	6,777	6,311
31	12	98 497	27 106,018	559 746,467	20,650	20,185	81	62	49 081	1 685,606	10 811,167	6,414	5,949
32	13	98 434	25 984,420	532 640,449	20,498	20,033	82	63	45 747	1 507,034	9 125,560	6,055	5,590
33	14	98 367	24 907,907	506 656,029	20,341	19,876	83	64	42 284	1 336,176	7 618,526	5,702	5,237
34	15	98 288	23 873,523	481 748,122	20,179	19,714	84	65	38 655	1 171,705	6 282,350	5,362	4,896
35	16	98 208	22 881,520	457 874,599	20,011	19,545	85	66	34 910	1 015,056	5 110,645	5,035	4,570
36	17	98 121	21 929,325	434 993,079	19,836	19,371	86	67	31 078	866,789	4 095,590	4,725	4,260
37	18	98 022	21 014,022	413 063,754	19,657	19,191	87	68	27 257	729,220	3 228,800	4,428	3,963
38	19	97 908	20 133,959	392 049,732	19,472	19,007	88	69	23 498	603,018	2 499,580	4,145	3,680
39	20	97 793	19 290,356	371 915,773	19,280	18,815	89	70	19 818	487,861	1 896,562	3,888	3,422
40	21	97 664	18 479,548	352 625,417	19,082	18,617	90	71	16 337	385,765	1 408,701	3,652	3,186
41	22	97 526	17 701,242	334 145,870	18,877	18,412	91	72	13 157	298,004	1 022,936	3,433	2,967
42	23	97 369	16 952,130	316 444,628	18,667	18,202	92	73	10 359	225,073	724,932	3,221	2,756
43	24	97 215	16 235,377	299 492,498	18,447	17,982	93	74	7 905	164,746	499,858	3,034	2,569
44	25	97 044	15 546,115	283 257,121	18,220	17,755	94	75	5 860	117,150	335,112	2,861	2,395
45	26	96 857	14 883,590	267 711,006	17,987	17,522	95	76	4 192	80,394	217,962	2,711	2,246
46	27	96 658	14 247,454	252 827,416	17,745	17,280	96	77	2 907	53,471	137,569	2,573	2,108
47	28	96 438	13 635,572	238 579,961	17,497	17,032	97	78	1 945	34,315	84,098	2,451	1,986
48	29	96 190	13 046,083	224 944,390	17,242	16,777	98	79	1 262	21,360	49,783	2,331	1,865
49	30	95 914	12 478,306	211 898,307	16,981	16,516	99	80	793	12,867	28,423	2,209	1,744
							100	81	474	7,374	15,556	2,110	1,644

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	11 934,446	199 712,061	16,734	16,269
1							51	31	95 298	11 407,897	187 777,615	16,460	15,995
2							52	32	94 927	10 900,163	176 369,718	16,180	15,715
3							53	33	94 516	10 410,512	165 469,555	15,894	15,429
4							54	34	94 056	9 937,545	155 059,043	15,603	15,138
5							55	35	93 549	9 481,054	145 121,498	15,306	14,841
6							56	36	92 974	9 038,596	135 640,444	15,007	14,542
7							57	37	92 341	8 611,093	126 601,848	14,702	14,237
8							58	38	91 642	8 197,505	117 990,755	14,393	13,928
9							59	39	90 884	7 798,255	109 793,251	14,079	13,614
10							60	40	90 035	7 410,514	101 994,996	13,764	13,298
11							61	41	89 118	7 036,034	94 584,481	13,443	12,978
12							62	42	88 110	6 672,805	87 548,447	13,120	12,655
13							63	43	87 004	6 320,438	80 875,642	12,796	12,331
14							64	44	85 800	5 978,869	74 555,204	12,470	12,005
15							65	45	84 507	5 648,723	68 576,335	12,140	11,675
16							66	46	83 120	5 329,516	62 927,612	11,807	11,342
17							67	47	81 627	5 020,410	57 598,096	11,473	11,008
18							68	48	80 047	4 722,527	52 577,686	11,133	10,668
19							69	49	78 356	4 434,303	47 855,158	10,792	10,327
20	0	99 370	43 224,780	947 650,928	21,924	21,459	70	50	76 575	4 156,839	43 420,856	10,446	9,980
21	1	99 041	41 325,655	904 426,148	21,885	21,420	71	51	74 713	3 890,429	39 264,017	10,092	9,627
22	2	98 979	39 616,070	863 100,493	21,787	21,321	72	52	72 699	3 631,207	35 373,587	9,742	9,276
23	3	98 925	37 980,104	823 484,424	21,682	21,217	73	53	70 632	3 384,146	31 742,380	9,380	8,915
24	4	98 873	36 412,815	785 504,320	21,572	21,107	74	54	68 426	3 144,781	28 358,234	9,018	8,552
25	5	98 819	34 909,146	749 091,505	21,458	20,993	75	55	66 109	2 914,460	25 213,453	8,651	8,186
26	6	98 769	33 468,927	714 182,359	21,339	20,873	76	56	63 647	2 691,522	22 298,993	8,285	7,820
27	7	98 718	32 087,996	680 713,431	21,214	20,749	77	57	61 057	2 476,711	19 607,471	7,917	7,452
28	8	98 669	30 764,544	648 625,435	21,084	20,618	78	58	58 378	2 271,525	17 130,760	7,542	7,076
29	9	98 616	29 494,579	617 860,891	20,948	20,483	79	59	55 535	2 072,792	14 859,235	7,169	6,703
30	10	98 562	28 276,702	588 366,312	20,807	20,342	80	60	52 543	1 881,164	12 786,443	6,797	6,332
31	11	98 505	27 108,103	560 089,610	20,661	20,196	81	61	49 357	1 695,075	10 905,279	6,434	5,968
32	12	98 441	25 986,062	532 981,507	20,510	20,045	82	62	46 029	1 516,317	9 210,204	6,074	5,609
33	13	98 374	24 909,876	506 995,445	20,353	19,888	83	63	42 572	1 345,271	7 693,887	5,719	5,254
34	14	98 298	23 875,726	482 085,569	20,191	19,726	84	64	38 944	1 180,451	6 348,616	5,378	4,913
35	15	98 219	22 884,169	458 209,843	20,023	19,558	85	65	35 192	1 023,256	5 168,166	5,051	4,585
36	16	98 134	21 932,129	435 325,674	19,849	19,384	86	66	31 353	874,447	4 144,910	4,740	4,275
37	17	98 035	21 016,747	413 393,545	19,670	19,205	87	67	27 514	736,108	3 270,463	4,443	3,978
38	18	97 924	20 137,228	392 376,798	19,485	19,020	88	68	23 740	609,235	2 534,354	4,160	3,695
39	19	97 809	19 293,527	372 239,570	19,293	18,828	89	69	20 050	493,560	1 925,119	3,900	3,435
40	20	97 680	18 482,573	352 946,044	19,096	18,631	90	70	16 545	390,669	1 431,559	3,664	3,199
41	21	97 543	17 704,248	334 463,470	18,892	18,426	91	71	13 341	302,178	1 040,890	3,445	2,979
42	22	97 385	16 954,975	316 759,223	18,682	18,217	92	72	10 516	228,489	738,712	3,233	2,768
43	23	97 231	16 238,033	299 804,248	18,463	17,998	93	73	8 039	167,550	510,223	3,045	2,580
44	24	97 060	15 548,669	283 566,215	18,237	17,772	94	74	5 969	119,321	342,673	2,872	2,407
45	25	96 876	14 886,485	268 017,546	18,004	17,539	95	75	4 278	82,044	223,353	2,722	2,257
46	26	96 675	14 249,994	253 131,061	17,764	17,298	96	76	2 973	54,682	141,308	2,584	2,119
47	27	96 458	13 638,432	238 881,067	17,515	17,050	97	77	1 992	35,157	86,626	2,464	1,999
48	28	96 213	13 049,188	225 242,635	17,261	16,796	98	78	1 297	21,957	51,470	2,344	1,879
49	29	95 938	12 481,386	212 193,446	17,001	16,536	99	79	818	13,276	29,513	2,223	1,758
							100	80	491	7,644	16,236	2,124	1,659

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	11 937,392	199 978,379	16,752	16,287
1							51	30	95 325	11 411,123	188 040,987	16,479	16,014
2							52	31	94 957	10 903,674	176 629,864	16,199	15,734
3							53	32	94 547	10 414,011	165 726,190	15,914	15,449
4							54	33	94 089	9 941,026	155 312,179	15,623	15,158
5							55	34	93 585	9 484,675	145 371,153	15,327	14,862
6							56	35	93 017	9 042,818	135 886,478	15,027	14,562
7							57	36	92 385	8 615,201	126 843,660	14,723	14,258
8							58	37	91 688	8 201,646	118 228,459	14,415	13,950
9							59	38	90 934	7 802,578	110 026,813	14,101	13,636
10							60	39	90 094	7 415,339	102 224,234	13,786	13,320
11							61	40	89 175	7 040,491	94 808,895	13,466	13,001
12							62	41	88 174	6 677,700	87 768,404	13,144	12,678
13							63	42	87 074	6 325,542	81 090,704	12,820	12,354
14							64	43	85 877	5 984,229	74 765,162	12,494	12,028
15							65	44	84 587	5 654,070	68 780,933	12,165	11,700
16							66	45	83 210	5 335,255	63 126,862	11,832	11,367
17							67	46	81 724	5 026,363	57 791,607	11,498	11,032
18							68	47	80 151	4 728,672	52 765,245	11,159	10,693
19							69	48	78 475	4 441,040	48 036,573	10,817	10,351
20							70	49	76 704	4 163,852	43 595,533	10,470	10,005
21	0	99 329	41 445,510	904 890,172	21,833	21,368	71	50	74 851	3 897,616	39 431,681	10,117	9,652
22	1	99 001	39 624,883	863 444,662	21,790	21,325	72	51	72 850	3 638,763	35 534,065	9,765	9,300
23	2	98 938	37 985,095	823 819,779	21,688	21,223	73	52	70 788	3 391,622	31 895,302	9,404	8,939
24	3	98 883	36 416,446	785 834,684	21,579	21,114	74	53	68 596	3 152,595	28 503,680	9,041	8,576
25	4	98 828	34 912,360	749 418,239	21,466	21,000	75	54	66 292	2 922,509	25 351,084	8,674	8,209
26	5	98 775	33 471,202	714 505,879	21,347	20,882	76	55	63 846	2 699,925	22 428,575	8,307	7,842
27	6	98 725	32 090,339	681 034,677	21,222	20,757	77	56	61 264	2 485,114	19 728,650	7,939	7,474
28	7	98 674	30 766,010	648 944,338	21,093	20,628	78	57	58 598	2 280,090	17 243,535	7,563	7,097
29	8	98 623	29 496,705	618 178,328	20,958	20,492	79	58	55 767	2 081,479	14 963,446	7,189	6,724
30	9	98 568	28 278,205	588 681,623	20,818	20,352	80	59	52 787	1 889,923	12 881,966	6,816	6,351
31	10	98 510	27 109,610	560 403,418	20,672	20,207	81	60	49 612	1 703,810	10 992,044	6,451	5,986
32	11	98 448	25 988,060	533 293,808	20,521	20,056	82	61	46 287	1 524,835	9 288,233	6,091	5,626
33	12	98 381	24 911,450	507 305,748	20,364	19,899	83	62	42 834	1 353,557	7 763,399	5,736	5,270
34	13	98 305	23 877,613	482 394,297	20,203	19,738	84	63	39 209	1 188,485	6 409,842	5,393	4,928
35	14	98 228	22 886,280	458 516,684	20,035	19,569	85	64	35 455	1 030,893	5 221,357	5,065	4,600
36	15	98 145	21 934,668	435 630,404	19,860	19,395	86	65	31 606	881,512	4 190,463	4,754	4,289
37	16	98 047	21 019,434	413 695,736	19,682	19,216	87	66	27 757	742,612	3 308,952	4,456	3,991
38	17	97 937	20 139,839	392 676,301	19,497	19,032	88	67	23 964	614,990	2 566,340	4,173	3,708
39	18	97 825	19 296,659	372 536,463	19,306	18,841	89	68	20 256	498,648	1 951,350	3,913	3,448
40	19	97 696	18 485,612	353 239,803	19,109	18,644	90	69	16 738	395,232	1 452,702	3,676	3,210
41	20	97 559	17 707,146	334 754,192	18,905	18,440	91	70	13 510	306,020	1 057,469	3,456	2,990
42	21	97 401	16 957,854	317 047,046	18,696	18,231	92	71	10 664	231,689	751,450	3,243	2,778
43	22	97 247	16 240,758	300 089,192	18,478	18,012	93	72	8 161	170,092	519,760	3,056	2,591
44	23	97 076	15 551,212	283 848,434	18,252	17,787	94	73	6 070	121,352	349,668	2,881	2,416
45	24	96 892	14 888,930	268 297,221	18,020	17,555	95	74	4 358	83,564	228,316	2,732	2,267
46	25	96 694	14 252,765	253 408,291	17,780	17,314	96	75	3 034	55,805	144,752	2,594	2,129
47	26	96 475	13 640,864	239 155,526	17,532	17,067	97	76	2 038	35,953	88,947	2,474	2,009
48	27	96 233	13 051,926	225 514,662	17,278	16,813	98	77	1 329	22,496	52,994	2,356	1,891
49	28	95 961	12 484,357	212 462,736	17,018	16,553	99	78	841	13,648	30,498	2,235	1,769
							100	79	506	7,887	16,851	2,137	1,671

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	28	95 679	11 940,233	200 221,283	16,769	16,303
							51	29	95 349	11 413,940	188 281,049	16,496	16,030
							52	30	94 984	10 906,758	176 867,109	16,216	15,751
							53	31	94 578	10 417,365	165 960,351	15,931	15,466
							54	32	94 121	9 944,367	155 542,986	15,641	15,176
							55	33	93 618	9 487,998	145 598,619	15,346	14,880
							56	34	93 053	9 046,272	136 110,621	15,046	14,581
							57	35	92 428	8 619,226	127 064,349	14,742	14,277
							58	36	91 732	8 205,559	118 445,124	14,435	13,970
							59	37	90 980	7 806,520	110 239,565	14,121	13,656
							60	38	90 144	7 419,450	102 433,044	13,806	13,341
							61	39	89 233	7 045,075	95 013,594	13,487	13,021
							62	40	88 230	6 681,930	87 968,519	13,165	12,700
							63	41	87 138	6 330,182	81 286,589	12,841	12,376
							64	42	85 946	5 989,062	74 956,407	12,516	12,050
							65	43	84 663	5 659,139	68 967,346	12,187	11,722
							66	44	83 289	5 340,306	63 308,206	11,855	11,390
							67	45	81 812	5 031,775	57 967,900	11,520	11,055
							68	46	80 246	4 734,278	52 936,125	11,181	10,716
							69	47	78 577	4 446,818	48 201,847	10,840	10,374
							70	48	76 821	4 170,178	43 755,029	10,492	10,027
							71	49	74 978	3 904,191	39 584,851	10,139	9,674
22	0	99 289	39 739,805	863 874,243	21,738	21,273	72	50	72 985	3 645,485	35 680,660	9,788	9,322
23	1	98 960	37 993,545	824 134,438	21,691	21,226	73	51	70 935	3 398,680	32 035,175	9,426	8,961
24	2	98 896	36 421,231	786 140,893	21,585	21,119	74	52	68 747	3 159,560	28 636,495	9,063	8,598
25	3	98 838	34 915,841	749 719,661	21,472	21,007	75	53	66 457	2 929,771	25 476,935	8,696	8,231
26	4	98 785	33 474,283	714 803,820	21,354	20,889	76	54	64 022	2 707,382	22 547,164	8,328	7,863
27	5	98 732	32 092,520	681 329,537	21,230	20,765	77	55	61 455	2 492,873	19 839,781	7,959	7,493
28	6	98 681	30 768,256	649 237,017	21,101	20,636	78	56	58 797	2 287,826	17 346,908	7,582	7,117
29	7	98 628	29 498,110	618 468,761	20,966	20,501	79	57	55 978	2 089,327	15 059,082	7,208	6,742
30	8	98 575	28 280,243	588 970,651	20,826	20,361	80	58	53 008	1 897,844	12 969,755	6,834	6,369
31	9	98 515	27 111,051	560 690,408	20,681	20,216	81	59	49 843	1 711,743	11 071,911	6,468	6,003
32	10	98 454	25 989,505	533 579,357	20,531	20,065	82	60	46 526	1 532,692	9 360,168	6,107	5,642
33	11	98 388	24 913,366	507 589,851	20,374	19,909	83	61	43 075	1 361,161	7 827,475	5,751	5,285
34	12	98 312	23 879,122	482 676,485	20,213	19,748	84	62	39 450	1 195,806	6 466,315	5,407	4,942
35	13	98 236	22 888,089	458 797,363	20,045	19,580	85	63	35 696	1 037,910	5 270,509	5,078	4,613
36	14	98 154	21 936,692	435 909,274	19,871	19,406	86	64	31 842	888,091	4 232,599	4,766	4,301
37	15	98 059	21 021,868	413 972,582	19,692	19,227	87	65	27 982	748,611	3 344,508	4,468	4,002
38	16	97 949	20 142,414	392 950,714	19,509	19,043	88	66	24 176	620,423	2 595,897	4,184	3,719
39	17	97 837	19 299,161	372 808,300	19,317	18,852	89	67	20 448	503,359	1 975,473	3,925	3,459
40	18	97 712	18 488,613	353 509,139	19,120	18,655	90	68	16 910	399,307	1 472,115	3,687	3,221
41	19	97 575	17 710,057	335 020,526	18,917	18,452	91	69	13 668	309,594	1 072,808	3,465	3,000
42	20	97 417	16 960,630	317 310,469	18,709	18,243	92	70	10 799	234,634	763,214	3,253	2,788
43	21	97 264	16 243,516	300 349,839	18,490	18,025	93	71	8 276	172,475	528,579	3,065	2,599
44	22	97 092	15 553,822	284 106,323	18,266	17,801	94	72	6 162	123,193	356,104	2,891	2,425
45	23	96 908	14 891,366	268 552,501	18,034	17,569	95	73	4 432	84,987	232,911	2,741	2,275
46	24	96 710	14 255,107	253 661,135	17,794	17,329	96	74	3 090	56,839	147,924	2,603	2,137
47	25	96 494	13 643,516	239 406,028	17,547	17,082	97	75	2 079	36,691	91,085	2,482	2,017
48	26	96 251	13 054,253	225 762,512	17,294	16,829	98	76	1 359	23,005	54,394	2,364	1,899
49	27	95 981	12 486,976	212 708,259	17,034	16,569	99	77	861	13,982	31,389	2,245	1,780
							100	78	521	8,107	17,407	2,147	1,682

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	11 942,738	200 442,663	16,784	16,318
1							51	28	95 371	11 416,657	188 499,925	16,511	16,046
2							52	29	95 008	10 909,450	177 083,268	16,232	15,767
3							53	30	94 605	10 420,312	166 173,818	15,947	15,482
4							54	31	94 151	9 947,570	155 753,506	15,657	15,192
5							55	32	93 649	9 491,187	145 805,936	15,362	14,897
6							56	33	93 085	9 049,441	136 314,750	15,063	14,598
7							57	34	92 463	8 622,518	127 265,308	14,760	14,294
8							58	35	91 775	8 209,392	118 642,791	14,452	13,987
9							59	36	91 023	7 810,245	110 433,399	14,140	13,674
10							60	37	90 189	7 423,198	102 623,154	13,825	13,359
11							61	38	89 282	7 048,981	95 199,956	13,505	13,040
12							62	39	88 288	6 686,281	88 150,974	13,184	12,719
13							63	40	87 193	6 334,192	81 464,694	12,861	12,396
14							64	41	86 009	5 993,454	75 130,502	12,535	12,070
15							65	42	84 732	5 663,709	69 137,047	12,207	11,742
16							66	43	83 363	5 345,094	63 473,338	11,875	11,410
17							67	44	81 890	5 036,539	58 128,245	11,541	11,076
18							68	45	80 333	4 739,376	53 091,706	11,202	10,737
19							69	46	78 671	4 452,090	48 352,330	10,861	10,395
20							70	47	76 921	4 175,604	43 900,240	10,514	10,048
21							71	48	75 092	3 910,123	39 724,636	10,159	9,694
22							72	49	73 108	3 651,635	35 814,513	9,808	9,343
23	0	99 247	38 103,736	824 532,260	21,639	21,174	73	50	71 066	3 404,958	32 162,878	9,446	8,981
24	1	98 918	36 429,334	786 428,523	21,588	21,123	74	51	68 890	3 166,135	28 757,920	9,083	8,618
25	2	98 851	34 920,430	749 999,189	21,477	21,012	75	52	66 603	2 936,244	25 591,785	8,716	8,251
26	3	98 794	33 477,621	715 078,759	21,360	20,895	76	53	64 181	2 714,109	22 655,541	8,347	7,882
27	4	98 741	32 095,474	681 601,139	21,237	20,771	77	54	61 625	2 499,758	19 941,432	7,977	7,512
28	5	98 688	30 770,347	649 505,664	21,108	20,643	78	55	58 981	2 294,969	17 441,674	7,600	7,135
29	6	98 635	29 500,264	618 735,318	20,974	20,509	79	56	56 168	2 096,416	15 146,705	7,225	6,760
30	7	98 579	28 281,590	589 235,054	20,835	20,369	80	57	53 208	1 904,999	13 050,288	6,851	6,385
31	8	98 523	27 113,005	560 953,464	20,689	20,224	81	58	50 051	1 718,917	11 145,289	6,484	6,019
32	9	98 459	25 990,887	533 840,459	20,540	20,074	82	59	46 742	1 539,829	9 426,371	6,122	5,656
33	10	98 394	24 914,751	507 849,572	20,383	19,918	83	60	43 297	1 368,175	7 886,543	5,764	5,299
34	11	98 319	23 880,959	482 934,820	20,223	19,757	84	61	39 672	1 202,523	6 518,368	5,421	4,955
35	12	98 242	22 889,536	459 053,862	20,055	19,590	85	62	35 916	1 044,303	5 315,845	5,090	4,625
36	13	98 162	21 938,426	436 164,326	19,881	19,416	86	63	32 059	894,136	4 271,542	4,777	4,312
37	14	98 068	21 023,807	414 225,900	19,703	19,237	87	64	28 191	754,199	3 377,406	4,478	4,013
38	15	97 961	20 144,746	393 202,092	19,519	19,054	88	65	24 371	625,435	2 623,207	4,194	3,729
39	16	97 850	19 301,629	373 057,347	19,328	18,863	89	66	20 628	507,806	1 997,771	3,934	3,469
40	17	97 724	18 491,010	353 755,718	19,131	18,666	90	67	17 070	403,079	1 489,966	3,696	3,231
41	18	97 591	17 712,932	335 264,708	18,928	18,462	91	68	13 809	312,786	1 086,887	3,475	3,010
42	19	97 433	16 963,419	317 551,775	18,720	18,255	92	69	10 925	237,375	774,101	3,261	2,796
43	20	97 280	16 246,175	300 588,357	18,502	18,037	93	70	8 381	174,667	536,726	3,073	2,608
44	21	97 109	15 556,463	284 342,182	18,278	17,813	94	71	6 249	124,919	362,058	2,898	2,433
45	22	96 924	14 893,865	268 785,718	18,047	17,582	95	72	4 499	86,276	237,139	2,749	2,283
46	23	96 725	14 257,439	253 891,853	17,808	17,342	96	73	3 142	57,806	150,863	2,610	2,145
47	24	96 510	13 645,758	239 634,415	17,561	17,096	97	74	2 118	37,371	93,057	2,490	2,025
48	25	96 269	13 056,791	225 988,657	17,308	16,843	98	75	1 387	23,477	55,685	2,372	1,907
49	26	95 998	12 489,202	212 931,866	17,049	16,584	99	76	881	14,299	32,208	2,252	1,787
							100	77	533	8,306	17,909	2,156	1,691

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	11 944,867	200 644,198	16,798	16,332
1							51	27	95 391	11 419,052	188 699,331	16,525	16,060
2							52	28	95 030	10 912,047	177 280,278	16,246	15,781
3							53	29	94 628	10 422,884	166 368,231	15,962	15,497
4							54	30	94 178	9 950,384	155 945,347	15,672	15,207
5							55	31	93 679	9 494,244	145 994,964	15,377	14,912
6							56	32	93 117	9 052,482	136 500,720	15,079	14,614
7							57	33	92 496	8 625,539	127 448,238	14,776	14,310
8							58	34	91 810	8 212,528	118 822,699	14,468	14,003
9							59	35	91 066	7 813,893	110 610,172	14,156	13,690
10							60	36	90 232	7 426,740	102 796,278	13,841	13,376
11							61	37	89 328	7 052,542	95 369,539	13,523	13,057
12							62	38	88 337	6 689,987	88 316,996	13,201	12,736
13							63	39	87 250	6 338,316	81 627,009	12,878	12,413
14							64	40	86 064	5 997,251	75 288,693	12,554	12,089
15							65	41	84 794	5 667,863	69 291,441	12,225	11,760
16							66	42	83 431	5 349,410	63 623,578	11,894	11,428
17							67	43	81 963	5 041,054	58 274,168	11,560	11,095
18							68	44	80 409	4 743,863	53 233,114	11,221	10,756
19							69	45	78 755	4 456,884	48 489,251	10,880	10,414
20							70	46	77 012	4 180,554	44 032,367	10,533	10,067
21							71	47	75 189	3 915,210	39 851,813	10,179	9,713
22							72	48	73 219	3 657,183	35 936,602	9,826	9,361
23							73	49	71 186	3 410,702	32 279,419	9,464	8,999
24	0	99 205	36 534,988	786 797,062	21,535	21,070	74	50	69 018	3 171,984	28 868,717	9,101	8,636
25	1	98 873	34 928,198	750 262,074	21,480	21,015	75	51	66 742	2 942,353	25 696,733	8,733	8,268
26	2	98 807	33 482,020	715 333,875	21,365	20,899	76	52	64 323	2 720,106	22 754,380	8,365	7,900
27	3	98 751	32 098,675	681 851,855	21,242	20,777	77	53	61 778	2 505,969	20 034,274	7,995	7,529
28	4	98 697	30 773,180	649 753,180	21,114	20,649	78	54	59 144	2 301,308	17 528,305	7,617	7,151
29	5	98 642	29 502,268	618 980,001	20,981	20,516	79	55	56 343	2 102,962	15 226,997	7,241	6,776
30	6	98 586	28 283,655	589 477,732	20,842	20,376	80	56	53 389	1 911,463	13 124,036	6,866	6,401
31	7	98 527	27 114,297	561 194,077	20,697	20,232	81	57	50 240	1 725,399	11 212,572	6,499	6,033
32	8	98 466	25 992,760	534 079,781	20,547	20,082	82	58	46 938	1 546,282	9 487,174	6,135	5,670
33	9	98 399	24 916,076	508 087,021	20,392	19,927	83	59	43 498	1 374,545	7 940,892	5,777	5,312
34	10	98 325	23 882,286	483 170,945	20,231	19,766	84	60	39 876	1 208,720	6 566,346	5,432	4,967
35	11	98 250	22 891,296	459 288,659	20,064	19,599	85	61	36 118	1 050,170	5 357,627	5,102	4,636
36	12	98 168	21 939,812	436 397,362	19,891	19,425	86	62	32 256	899,643	4 307,457	4,788	4,323
37	13	98 075	21 025,469	414 457,550	19,712	19,247	87	63	28 382	759,332	3 407,814	4,488	4,023
38	14	97 970	20 146,604	393 432,081	19,528	19,063	88	64	24 553	630,104	2 648,481	4,203	3,738
39	15	97 861	19 303,864	373 285,476	19,337	18,872	89	65	20 795	511,908	2 018,378	3,943	3,478
40	16	97 737	18 493,374	353 981,612	19,141	18,676	90	66	17 221	406,640	1 506,470	3,705	3,239
41	17	97 603	17 715,229	335 488,238	18,938	18,473	91	67	13 940	315,741	1 099,829	3,483	3,018
42	18	97 449	16 966,173	317 773,009	18,730	18,265	92	68	11 038	239,822	784,089	3,269	2,804
43	19	97 296	16 248,846	300 806,837	18,513	18,047	93	69	8 479	176,708	544,266	3,080	2,615
44	20	97 124	15 559,010	284 557,990	18,289	17,824	94	70	6 328	126,507	367,559	2,905	2,440
45	21	96 940	14 896,394	268 998,981	18,058	17,593	95	71	4 562	87,485	241,052	2,755	2,290
46	22	96 742	14 259,831	254 102,586	17,819	17,354	96	72	3 190	58,683	153,567	2,617	2,152
47	23	96 526	13 647,990	239 842,755	17,573	17,108	97	73	2 154	38,007	94,884	2,496	2,031
48	24	96 285	13 058,936	226 194,765	17,321	16,856	98	74	1 413	23,912	56,876	2,379	1,913
49	25	96 017	12 491,631	213 135,829	17,062	16,597	99	75	899	14,593	32,964	2,259	1,794
							100	76	545	8,494	18,371	2,163	1,698

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	11 947,190	200 827,975	16,810	16,344
1							51	26	95 408	11 421,088	188 880,785	16,538	16,073
2							52	27	95 050	10 914,336	177 459,697	16,259	15,794
3							53	28	94 650	10 425,365	166 545,361	15,975	15,510
4							54	29	94 201	9 952,840	156 119,996	15,686	15,221
5							55	30	93 706	9 496,929	146 167,156	15,391	14,926
6							56	31	93 147	9 055,398	136 670,227	15,093	14,627
7							57	32	92 527	8 628,437	127 614,829	14,790	14,325
8							58	33	91 842	8 215,405	118 986,392	14,483	14,018
9							59	34	91 101	7 816,878	110 770,987	14,171	13,706
10							60	35	90 274	7 430,209	102 954,110	13,856	13,391
11							61	36	89 370	7 055,907	95 523,900	13,538	13,073
12							62	37	88 381	6 693,367	88 467,993	13,217	12,752
13							63	38	87 298	6 341,830	81 774,626	12,894	12,429
14							64	39	86 120	6 001,156	75 432,796	12,570	12,104
15							65	40	84 847	5 671,454	69 431,640	12,242	11,777
16							66	41	83 492	5 353,333	63 760,186	11,910	11,445
17							67	42	82 029	5 045,125	58 406,852	11,577	11,112
18							68	43	80 481	4 748,116	53 361,728	11,239	10,773
19							69	44	78 830	4 461,104	48 613,612	10,897	10,432
20							70	45	77 095	4 185,056	44 152,508	10,550	10,085
21							71	46	75 278	3 919,852	39 967,452	10,196	9,731
22							72	47	73 314	3 661,941	36 047,600	9,844	9,379
23							73	48	71 294	3 415,884	32 385,658	9,481	9,016
24							74	49	69 134	3 177,335	28 969,774	9,118	8,652
25	0	99 160	35 029,499	750 603,612	21,428	20,963	75	50	66 865	2 947,789	25 792,440	8,750	8,285
26	1	98 829	33 489,469	715 574,113	21,367	20,902	76	51	64 457	2 725,766	22 844,651	8,381	7,916
27	2	98 764	32 102,893	682 084,644	21,247	20,782	77	52	61 914	2 511,506	20 118,885	8,011	7,545
28	3	98 706	30 776,248	649 981,751	21,120	20,654	78	53	59 291	2 307,026	17 607,379	7,632	7,167
29	4	98 651	29 504,984	619 205,503	20,986	20,521	79	54	56 499	2 108,770	15 300,353	7,256	6,790
30	5	98 593	28 285,577	589 700,518	20,848	20,383	80	55	53 556	1 917,431	13 191,584	6,880	6,415
31	6	98 534	27 116,277	561 414,941	20,704	20,239	81	56	50 411	1 731,253	11 274,153	6,512	6,047
32	7	98 471	25 993,998	534 298,665	20,555	20,089	82	57	47 115	1 552,112	9 542,900	6,148	5,683
33	8	98 406	24 917,871	508 304,667	20,399	19,934	83	58	43 681	1 380,306	7 990,787	5,789	5,324
34	9	98 330	23 883,556	483 386,795	20,239	19,774	84	59	40 062	1 214,348	6 610,481	5,444	4,978
35	10	98 255	22 892,569	459 503,239	20,072	19,607	85	60	36 304	1 055,581	5 396,134	5,112	4,647
36	11	98 176	21 941,500	436 610,671	19,899	19,434	86	61	32 437	904,697	4 340,552	4,798	4,333
37	12	98 082	21 026,798	414 669,171	19,721	19,256	87	62	28 557	764,009	3 435,855	4,497	4,032
38	13	97 978	20 148,197	393 642,373	19,537	19,072	88	63	24 720	634,392	2 671,846	4,212	3,746
39	14	97 870	19 305,645	373 494,176	19,346	18,881	89	64	20 950	515,729	2 037,453	3,951	3,485
40	15	97 748	18 495,515	354 188,531	19,150	18,685	90	65	17 360	409,925	1 521,724	3,712	3,247
41	16	97 616	17 717,494	335 693,015	18,947	18,482	91	66	14 063	318,530	1 111,799	3,490	3,025
42	17	97 462	16 968,373	317 975,521	18,739	18,274	92	67	11 142	242,088	793,269	3,277	2,812
43	18	97 311	16 251,484	301 007,149	18,522	18,057	93	68	8 566	178,530	551,181	3,087	2,622
44	19	97 140	15 561,568	284 755,665	18,299	17,833	94	69	6 402	127,984	372,652	2,912	2,446
45	20	96 956	14 898,833	269 194,097	18,068	17,603	95	70	4 620	88,597	244,667	2,762	2,296
46	21	96 758	14 262,253	254 295,264	17,830	17,365	96	71	3 235	59,505	156,070	2,623	2,158
47	22	96 542	13 650,280	240 033,011	17,584	17,119	97	72	2 187	38,584	96,565	2,503	2,037
48	23	96 301	13 061,073	226 382,731	17,333	16,867	98	73	1 437	24,319	57,981	2,384	1,919
49	24	96 032	12 493,683	213 321,658	17,074	16,609	99	74	915	14,863	33,661	2,265	1,800
							100	75	557	8,669	18,798	2,169	1,703

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 199 349,321	21,993	21,528	50	50	94 198	10 428,682	159 174,374	15,263	14,798
1	1	99 373	95 093,966	2 099 349,321	22,077	21,611	51	51	93 723	9 929,190	148 745,692	14,981	14,515
2	2	99 327	90 956,784	2 004 255,355	22,035	21,570	52	52	93 193	9 447,961	138 816,502	14,693	14,227
3	3	99 301	87 016,970	1 913 298,571	21,988	21,522	53	53	92 616	8 985,133	129 368,541	14,398	13,932
4	4	99 279	83 251,656	1 826 281,601	21,937	21,471	54	54	91 970	8 538,186	120 383,408	14,099	13,634
5	5	99 259	79 650,234	1 743 029,944	21,884	21,418	55	55	91 257	8 107,201	111 845,222	13,796	13,330
6	6	99 243	76 208,215	1 663 379,710	21,827	21,361	56	56	90 456	7 689,960	103 738,021	13,490	13,024
7	7	99 227	72 914,630	1 587 171,496	21,768	21,302	57	57	89 579	7 287,477	96 048,061	13,180	12,714
8	8	99 212	69 764,662	1 514 256,865	21,705	21,240	58	58	88 612	6 898,352	88 760,584	12,867	12,401
9	9	99 198	66 750,547	1 444 492,203	21,640	21,175	59	59	87 560	6 522,968	81 862,232	12,550	12,084
10	10	99 184	63 867,599	1 377 741,656	21,572	21,106	60	60	86 397	6 159,156	75 339,265	12,232	11,766
11	11	99 172	61 109,371	1 313 874,057	21,500	21,035	61	61	85 133	5 807,688	69 180,109	11,912	11,446
12	12	99 157	58 469,329	1 252 764,686	21,426	20,960	62	62	83 762	5 468,008	63 372,421	11,590	11,124
13	13	99 142	55 943,022	1 194 295,357	21,348	20,883	63	63	82 269	5 139,388	57 904,412	11,267	10,801
14	14	99 125	53 524,787	1 138 352,335	21,268	20,802	64	64	80 655	4 821,546	52 765,025	10,944	10,478
15	15	99 104	51 208,839	1 084 827,548	21,184	20,719	65	65	78 926	4 515,009	47 943,479	10,619	10,153
16	16	99 077	48 990,385	1 033 618,709	21,098	20,633	66	66	77 091	4 220,161	43 428,470	10,291	9,825
17	17	99 041	46 864,040	984 628,324	21,010	20,545	67	67	75 132	3 935,815	39 208,309	9,962	9,496
18	18	99 002	44 828,200	937 764,284	20,919	20,453	68	68	73 083	3 663,626	35 272,494	9,628	9,162
19	19	98 948	42 874,280	892 936,084	20,827	20,361	69	69	70 917	3 401,941	31 608,868	9,291	8,826
20	20	98 892	41 004,722	850 061,804	20,731	20,265	70	70	68 620	3 150,017	28 206,927	8,955	8,489
21	21	98 835	39 216,357	809 057,081	20,631	20,165	71	71	66 234	2 909,530	25 056,911	8,612	8,146
22	22	98 778	37 506,067	769 840,724	20,526	20,060	72	72	63 690	2 677,302	22 147,381	8,272	7,807
23	23	98 720	35 869,907	732 334,657	20,416	19,951	73	73	61 089	2 457,383	19 470,079	7,923	7,457
24	24	98 662	34 305,235	696 464,750	20,302	19,836	74	74	58 335	2 245,546	17 012,696	7,576	7,111
25	25	98 601	32 807,549	662 159,515	20,183	19,718	75	75	55 488	2 043,966	14 767,150	7,225	6,759
26	26	98 538	31 374,816	629 351,966	20,059	19,594	76	76	52 510	1 850,973	12 723,184	6,874	6,408
27	27	98 477	30 005,168	597 977,150	19,929	19,464	77	77	49 424	1 667,174	10 872,212	6,521	6,056
28	28	98 412	28 694,146	567 971,982	19,794	19,328	78	78	46 298	1 494,495	9 205,038	6,159	5,694
29	29	98 343	27 439,281	539 277,836	19,653	19,188	79	79	43 025	1 329,013	7 710,542	5,802	5,336
30	30	98 271	26 238,255	511 838,555	19,507	19,042	80	80	39 636	1 171,620	6 381,530	5,447	4,981
31	31	98 191	25 088,022	485 600,300	19,356	18,890	81	81	36 105	1 021,294	5 209,909	5,101	4,636
32	32	98 103	23 986,178	460 512,279	19,199	18,733	82	82	32 491	879,483	4 188,615	4,763	4,297
33	33	98 010	22 931,553	436 526,100	19,036	18,570	83	83	28 815	746,390	3 309,132	4,434	3,968
34	34	97 907	21 921,005	413 594,547	18,867	18,402	84	84	25 074	621,515	2 562,742	4,123	3,658
35	35	97 801	20 954,293	391 673,542	18,692	18,226	85	85	21 372	506,934	1 941,227	3,829	3,364
36	36	97 682	20 027,460	370 719,249	18,511	18,045	86	86	17 779	403,562	1 434,293	3,554	3,088
37	37	97 549	19 138,978	350 691,788	18,323	17,858	87	87	14 398	312,742	1 030,731	3,296	2,830
38	38	97 402	18 287,303	331 552,810	18,130	17,665	88	88	11 298	234,829	717,989	3,057	2,592
39	39	97 249	17 472,344	313 265,508	17,929	17,464	89	89	8 548	170,018	483,160	2,842	2,376
40	40	97 074	16 689,775	295 793,164	17,723	17,257	90	90	6 217	118,327	313,141	2,646	2,181
41	41	96 892	15 941,212	279 103,389	17,508	17,043	91	91	4 330	78,863	194,815	2,470	2,005
42	42	96 681	15 221,453	263 162,177	17,289	16,823	92	92	2 887	50,313	115,952	2,305	1,839
43	43	96 466	14 533,642	247 940,724	17,060	16,594	93	93	1 819	30,342	65,639	2,163	1,698
44	44	96 226	13 873,176	233 407,082	16,824	16,359	94	94	1 086	17,331	35,297	2,037	1,571
45	45	95 968	13 240,213	219 533,906	16,581	16,115	95	95	611	9,330	17,966	1,926	1,460
46	46	95 685	12 632,646	206 293,693	16,330	15,865	96	96	323	4,721	8,636	1,829	1,363
47	47	95 375	12 049,435	193 661,047	16,072	15,607	97	97	160	2,232	3,914	1,754	1,288
48	48	95 029	11 488,728	181 611,612	15,808	15,342	98	98	75	1,005	1,683	1,675	1,209
49	49	94 635	10 948,510	170 122,884	15,538	15,073	99	99	33	0,424	0,678	1,598	1,132
							100	100	13	0,165	0,254	1,535	1,070

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	2 197 223,601	22,036	21,570	50	51	94 025	10 409,453	157 759,085	15,155	14,690
1	2	99 351	95 072,816	2 097 512,788	22,062	21,597	51	52	93 528	9 908,572	147 349,633	14,871	14,405
2	3	99 314	90 944,832	2 002 439,972	22,018	21,553	52	53	92 988	9 427,134	137 441,061	14,579	14,114
3	4	99 291	87 008,295	1 911 495,140	21,969	21,504	53	54	92 387	8 962,862	128 013,927	14,283	13,817
4	5	99 270	83 243,993	1 824 486,845	21,917	21,452	54	55	91 717	8 514,669	119 051,065	13,982	13,516
5	6	99 252	79 644,823	1 741 242,852	21,863	21,397	55	56	90 973	8 081,968	110 536,395	13,677	13,211
6	7	99 236	76 202,650	1 661 598,030	21,805	21,339	56	57	90 150	7 663,956	102 454,427	13,368	12,903
7	8	99 222	72 911,157	1 585 395,380	21,744	21,279	57	58	89 242	7 260,103	94 790,471	13,056	12,591
8	9	99 205	69 759,634	1 512 484,222	21,681	21,216	58	59	88 242	6 869,561	87 530,368	12,742	12,276
9	10	99 192	66 746,999	1 442 724,588	21,615	21,149	59	60	87 154	6 492,737	80 660,807	12,423	11,958
10	11	99 179	63 864,049	1 375 977,589	21,545	21,080	60	61	85 954	6 127,579	74 168,070	12,104	11,638
11	12	99 164	61 104,672	1 312 113,540	21,473	21,008	61	62	84 657	5 775,246	68 040,491	11,781	11,316
12	13	99 151	58 465,634	1 251 008,869	21,397	20,927	62	63	83 248	5 434,534	62 265,246	11,457	10,992
13	14	99 134	55 938,600	1 192 543,235	21,319	20,853	63	64	81 713	5 104,644	56 830,712	11,133	10,668
14	15	99 116	53 519,849	1 136 604,635	21,237	20,771	64	65	80 057	4 785,824	51 726,068	10,808	10,343
15	16	99 092	51 202,911	1 083 084,786	21,153	20,687	65	66	78 293	4 478,827	46 940,244	10,480	10,015
16	17	99 064	48 984,123	1 031 881,875	21,066	20,600	66	67	76 416	4 183,202	42 461,416	10,150	9,685
17	18	99 029	46 857,963	982 897,752	20,976	20,510	67	68	74 429	3 898,984	38 278,214	9,817	9,352
18	19	98 986	44 820,924	936 039,789	20,884	20,418	68	69	72 338	3 626,242	34 379,231	9,481	9,015
19	20	98 932	42 867,233	891 218,865	20,790	20,325	69	70	70 098	3 362,661	30 752,989	9,145	8,680
20	21	98 875	40 998,011	848 351,632	20,693	20,227	70	71	67 759	3 110,478	27 390,327	8,806	8,340
21	22	98 818	39 209,699	807 353,621	20,591	20,125	71	72	65 319	2 869,336	24 279,849	8,462	7,996
22	23	98 761	37 499,774	768 143,923	20,484	20,018	72	73	62 738	2 637,282	21 410,513	8,118	7,653
23	24	98 704	35 864,041	730 644,149	20,373	19,907	73	74	60 066	2 416,256	18 773,231	7,770	7,304
24	25	98 646	34 299,600	694 780,108	20,256	19,791	74	75	57 274	2 204,695	16 356,975	7,419	6,954
25	26	98 582	32 801,170	660 480,509	20,136	19,670	75	76	54 371	2 002,841	14 152,280	7,066	6,600
26	27	98 521	31 369,224	627 679,338	20,009	19,544	76	77	51 346	1 809,976	12 149,439	6,712	6,247
27	28	98 457	29 998,874	596 310,114	19,878	19,412	77	78	48 241	1 627,264	10 339,463	6,354	5,888
28	29	98 389	28 687,317	566 311,240	19,741	19,275	78	79	45 039	1 453,834	8 712,199	5,993	5,527
29	30	98 319	27 432,510	537 623,923	19,598	19,132	79	80	41 699	1 288,068	7 258,365	5,635	5,169
30	31	98 243	26 230,835	510 191,413	19,450	18,984	80	81	38 238	1 130,307	5 970,297	5,282	4,816
31	32	98 159	25 079,943	483 960,578	19,297	18,831	81	82	34 646	980,018	4 839,990	4,939	4,473
32	33	98 070	23 978,121	458 880,635	19,137	18,672	82	83	30 964	838,146	3 859,971	4,605	4,140
33	34	97 976	22 923,522	434 902,513	18,972	18,506	83	84	27 224	705,193	3 021,826	4,285	3,819
34	35	97 870	21 912,636	411 978,992	18,801	18,335	84	85	23 474	581,870	2 316,633	3,981	3,516
35	36	97 755	20 944,509	390 066,356	18,624	18,158	85	86	19 797	469,576	1 734,763	3,694	3,229
36	37	97 635	20 017,910	369 121,847	18,440	17,974	86	87	16 263	369,146	1 265,187	3,427	2,962
37	38	97 499	19 129,314	349 103,937	18,250	17,784	87	88	12 971	281,751	896,041	3,180	2,715
38	39	97 348	18 277,170	329 974,623	18,054	17,588	88	89	10 018	208,222	614,290	2,950	2,485
39	40	97 186	17 460,976	311 697,453	17,851	17,385	89	90	7 447	148,119	406,068	2,741	2,276
40	41	97 012	16 679,208	294 236,477	17,641	17,175	90	91	5 302	100,919	257,949	2,556	2,090
41	42	96 821	15 929,528	277 557,269	17,424	16,958	91	92	3 611	65,777	157,030	2,387	1,922
42	43	96 603	15 209,171	261 627,741	17,202	16,736	92	93	2 344	40,857	91,253	2,233	1,768
43	44	96 380	14 520,625	246 418,570	16,970	16,505	93	94	1 438	23,987	50,396	2,101	1,635
44	45	96 135	13 860,054	231 897,946	16,731	16,266	94	95	837	13,354	26,409	1,978	1,512
45	46	95 865	13 225,971	218 037,892	16,486	16,020	95	96	456	6,958	13,055	1,876	1,411
46	47	95 572	12 617,687	204 811,920	16,232	15,767	96	97	233	3,403	6,097	1,792	1,326
47	48	95 251	12 033,779	192 194,234	15,971	15,506	97	98	113	1,574	2,694	1,712	1,246
48	49	94 884	11 471,298	180 160,455	15,705	15,240	98	99	51	0,684	1,120	1,637	1,172
49	50	94 476	10 930,072	168 689,157	15,433	14,968	99	100	22	0,279	0,436	1,565	1,100

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	2 195 234,575	22,021	21,555	50	52	93 830	10 387,837	156 230,875	15,040	14,574
1	3	99 338	95 060,323	2 095 545,939	22,044	21,579	51	53	93 322	9 886,729	145 843,038	14,751	14,286
2	4	99 304	90 935,765	2 000 485,616	21,999	21,533	52	54	92 757	9 403,768	135 956,309	14,458	13,992
3	5	99 282	87 000,286	1 909 549,851	21,949	21,483	53	55	92 132	8 938,176	126 552,541	14,159	13,693
4	6	99 263	83 238,337	1 822 549,566	21,896	21,430	54	56	91 431	8 488,169	117 614,365	13,856	13,391
5	7	99 245	79 639,007	1 739 311,229	21,840	21,374	55	57	90 665	8 054,638	109 126,197	13,548	13,083
6	8	99 231	76 199,021	1 659 672,222	21,781	21,315	56	58	89 811	7 635,168	101 071,558	13,238	12,772
7	9	99 215	72 905,903	1 583 473,201	21,719	21,254	57	59	88 870	7 229,803	93 436,391	12,924	12,458
8	10	99 200	69 755,926	1 510 567,298	21,655	21,189	58	60	87 833	6 837,724	86 206,588	12,607	12,142
9	11	99 187	66 743,288	1 440 811,372	21,587	21,122	59	61	86 708	6 459,450	79 368,863	12,287	11,822
10	12	99 171	63 859,137	1 374 068,083	21,517	21,052	60	62	85 474	6 093,349	72 909,413	11,965	11,500
11	13	99 158	61 100,810	1 310 208,946	21,443	20,978	61	63	84 139	5 739,890	66 816,064	11,641	11,175
12	14	99 143	58 461,013	1 249 108,136	21,367	20,901	62	64	82 685	5 397,795	61 076,174	11,315	10,849
13	15	99 125	55 933,440	1 190 647,123	21,287	20,821	63	65	81 108	5 066,825	55 678,379	10,989	10,523
14	16	99 104	53 513,653	1 134 713,683	21,204	20,739	64	66	79 415	4 747,472	50 611,554	10,661	10,195
15	17	99 079	51 196,365	1 081 200,031	21,119	20,653	65	67	77 607	4 439,603	45 864,082	10,331	9,865
16	18	99 051	48 977,772	1 030 003,666	21,030	20,564	66	68	75 701	4 144,056	41 424,479	9,996	9,531
17	19	99 012	46 850,357	981 025,894	20,940	20,474	67	69	73 670	3 859,198	37 280,424	9,660	9,195
18	20	98 970	44 813,557	934 175,536	20,846	20,380	68	70	71 502	3 584,373	33 421,225	9,324	8,859
19	21	98 915	42 860,216	889 361,980	20,750	20,285	69	71	69 218	3 320,454	29 836,853	8,986	8,520
20	22	98 859	40 991,049	846 501,763	20,651	20,185	70	72	66 823	3 067,509	26 516,399	8,644	8,179
21	23	98 801	39 203,120	805 510,714	20,547	20,081	71	73	64 342	2 826,445	23 448,890	8,296	7,831
22	24	98 745	37 493,641	766 307,594	20,438	19,973	72	74	61 688	2 593,145	20 622,445	7,953	7,487
23	25	98 688	35 858,149	728 813,953	20,325	19,859	73	75	58 974	2 372,299	18 029,300	7,600	7,134
24	26	98 627	34 292,931	692 955,804	20,207	19,741	74	76	56 121	2 160,336	15 657,001	7,247	6,782
25	27	98 564	32 795,324	658 662,873	20,084	19,618	75	77	53 167	1 958,481	13 496,665	6,891	6,426
26	28	98 500	31 362,644	625 867,549	19,956	19,490	76	78	50 117	1 766,648	11 538,184	6,531	6,066
27	29	98 433	29 991,735	594 504,905	19,822	19,357	77	79	46 928	1 582,991	9 771,536	6,173	5,707
28	30	98 365	28 680,238	564 513,170	19,683	19,217	78	80	43 651	1 409,044	8 188,546	5,811	5,346
29	31	98 291	27 424,752	535 832,932	19,538	19,073	79	81	40 229	1 242,649	6 779,502	5,456	4,990
30	32	98 211	26 222,389	508 408,179	19,388	18,923	80	82	36 693	1 084,625	5 536,853	5,105	4,639
31	33	98 126	25 071,519	482 185,791	19,232	18,767	81	83	33 018	933,955	4 452,228	4,767	4,301
32	34	98 036	23 969,723	457 114,272	19,070	18,605	82	84	29 255	791,884	3 518,273	4,443	3,977
33	35	97 938	22 914,770	433 144,548	18,902	18,437	83	85	25 488	660,210	2 726,389	4,130	3,664
34	36	97 824	21 902,404	410 229,779	18,730	18,264	84	86	21 744	538,990	2 066,179	3,833	3,368
35	37	97 709	20 934,521	388 327,375	18,550	18,084	85	87	18 108	429,531	1 527,190	3,555	3,090
36	38	97 586	20 007,802	367 392,853	18,362	17,897	86	88	14 651	332,566	1 097,658	3,301	2,835
37	39	97 445	19 118,714	347 385,051	18,170	17,704	87	89	11 502	249,828	765,092	3,062	2,597
38	40	97 285	18 265,278	328 266,337	17,972	17,507	88	90	8 727	181,402	515,265	2,840	2,375
39	41	97 124	17 449,921	310 001,059	17,765	17,300	89	91	6 351	126,328	333,863	2,643	2,177
40	42	96 941	16 666,983	292 551,138	17,553	17,087	90	92	4 422	84,174	207,535	2,466	2,000
41	43	96 743	15 916,675	275 884,155	17,333	16,867	91	93	2 933	53,415	123,361	2,310	1,844
42	44	96 516	15 195,548	259 967,480	17,108	16,643	92	94	1 853	32,299	69,947	2,166	1,700
43	45	96 289	14 506,890	244 771,932	16,873	16,407	93	95	1 108	18,483	37,648	2,037	1,571
44	46	96 032	13 845,145	230 265,041	16,631	16,166	94	96	624	9,959	19,165	1,924	1,459
45	47	95 752	13 210,309	216 419,896	16,383	15,917	95	97	328	5,015	9,206	1,836	1,370
46	48	95 447	12 601,292	203 209,587	16,126	15,660	96	98	164	2,400	4,192	1,747	1,281
47	49	95 106	12 015,522	190 608,295	15,864	15,398	97	99	77	1,072	1,792	1,672	1,206
48	50	94 725	11 451,980	178 592,773	15,595	15,129	98	100	34	0,449	0,720	1,602	1,137
49	51	94 302	10 909,918	167 140,793	15,320	14,854							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	2 193 106,895	22,002	21,537	50	53	93 623	10 364,938	154 584,696	14,914	14,449
1	4	99 328	95 050,845	2 093 431,359	22,024	21,559	51	54	93 091	9 862,224	144 219,758	14,623	14,158
2	5	99 295	90 927,394	1 998 380,513	21,978	21,512	52	55	92 502	9 377,867	134 357,534	14,327	13,861
3	6	99 275	86 994,374	1 907 453,119	21,926	21,461	53	56	91 846	8 910,357	124 979,666	14,026	13,561
4	7	99 256	83 232,259	1 820 458,745	21,872	21,406	54	57	91 122	8 459,465	116 069,309	13,721	13,255
5	8	99 240	79 635,214	1 737 226,486	21,815	21,349	55	58	90 325	8 024,383	107 609,844	13,410	12,945
6	9	99 224	76 193,529	1 657 591,272	21,755	21,289	56	59	89 436	7 603,302	99 585,462	13,098	12,632
7	10	99 210	72 902,028	1 581 397,742	21,692	21,226	57	60	88 458	7 196,297	91 982,160	12,782	12,316
8	11	99 194	69 752,048	1 508 495,714	21,627	21,161	58	61	87 382	6 802,669	84 785,863	11,464	11,998
9	12	99 179	66 738,155	1 438 743,666	21,558	21,092	59	62	86 223	6 423,366	77 983,195	12,141	11,675
10	13	99 165	63 855,102	1 372 005,511	21,486	21,021	60	63	84 951	6 056,046	71 559,828	11,816	11,351
11	14	99 150	61 095,981	1 308 150,409	21,411	20,946	61	64	83 570	5 701,087	65 503,782	11,490	11,024
12	15	99 134	58 455,620	1 247 054,428	21,333	20,868	62	65	82 072	5 357,804	59 802,695	11,162	10,696
13	16	99 114	55 926,964	1 188 598,809	21,253	20,787	63	66	80 458	5 026,221	54 444,891	10,832	10,367
14	17	99 092	53 506,812	1 132 671,844	21,169	20,703	64	67	78 720	4 705,895	49 418,670	10,501	10,036
15	18	99 067	51 189,727	1 079 165,033	21,082	20,616	65	68	76 881	4 398,057	44 712,775	10,166	9,701
16	19	99 035	48 969,822	1 027 975,305	20,992	20,526	66	69	74 928	4 101,770	40 314,718	9,829	9,363
17	20	98 996	46 842,657	979 005,484	20,900	20,434	67	70	72 819	3 814,639	36 212,948	9,493	9,028
18	21	98 954	44 806,222	932 162,827	20,804	20,339	68	71	70 605	3 539,382	32 398,309	9,154	8,688
19	22	98 899	42 852,939	887 356,606	20,707	20,241	69	72	68 262	3 274,584	28 858,927	8,813	8,347
20	23	98 842	40 984,172	844 503,667	20,606	20,140	70	73	65 824	3 021,656	25 584,343	8,467	8,001
21	24	98 785	39 196,708	803 519,495	20,500	20,034	71	74	63 266	2 779,142	22 562,687	8,119	7,653
22	25	98 729	37 487,482	764 322,787	20,389	19,923	72	75	60 566	2 545,970	19 783,545	7,771	7,305
23	26	98 668	35 851,178	726 835,305	20,274	19,808	73	76	57 787	2 324,569	17 237,576	7,415	6,950
24	27	98 609	34 286,819	690 984,127	20,153	19,687	74	77	54 878	2 112,487	14 913,007	7,059	6,594
25	28	98 544	32 788,445	656 697,308	20,028	19,563	75	78	51 894	1 911,598	12 800,520	6,696	6,231
26	29	98 477	31 355,180	623 908,863	19,898	19,432	76	79	48 754	1 718,582	10 888,922	6,336	5,870
27	30	98 409	29 984,334	592 553,683	19,762	19,296	77	80	45 482	1 534,221	9 170,340	5,977	5,512
28	31	98 337	28 672,128	562 569,349	19,621	19,155	78	81	42 112	1 359,359	7 636,119	5,617	5,152
29	32	98 260	27 415,921	533 897,221	19,474	19,008	79	82	38 603	1 192,427	6 276,760	5,264	4,798
30	33	98 178	26 213,580	506 481,300	19,321	18,856	80	83	34 968	1 033,646	5 084,334	4,919	4,453
31	34	98 092	25 062,738	480 267,719	19,163	18,697	81	84	31 195	882,405	4 050,688	4,591	4,125
32	35	97 998	23 960,572	455 204,981	18,998	18,532	82	85	27 389	741,371	3 168,283	4,274	3,808
33	36	97 893	22 904,070	431 244,409	18,828	18,363	83	86	23 610	611,556	2 426,913	3,968	3,503
34	37	97 777	21 891,960	408 340,339	18,653	18,187	84	87	19 890	493,025	1 815,356	3,682	3,216
35	38	97 659	20 923,951	386 448,380	18,469	18,004	85	88	16 314	386,967	1 322,331	3,417	2,952
36	39	97 532	19 996,716	365 524,429	18,279	17,814	86	89	12 991	294,885	935,364	3,172	2,706
37	40	97 382	19 106,275	345 527,713	18,085	17,619	87	90	10 020	217,648	640,479	2,943	2,477
38	41	97 223	18 253,714	326 421,438	17,882	17,417	88	91	7 443	154,714	422,830	2,733	2,267
39	42	97 053	17 437,131	308 167,724	17,673	17,207	89	92	5 297	105,367	268,116	2,545	2,079
40	43	96 863	16 653,535	290 730,594	17,458	16,992	90	93	3 591	68,353	162,749	2,381	1,915
41	44	96 657	15 902,419	274 077,058	17,235	16,769	91	94	2 318	42,227	94,396	2,235	1,770
42	45	96 425	15 181,176	258 174,640	17,006	16,541	92	95	1 428	24,888	52,169	2,096	1,631
43	46	96 185	14 491,286	242 993,464	16,768	16,303	93	96	826	13,783	27,282	1,979	1,514
44	47	95 918	13 828,750	228 502,178	16,524	16,058	94	97	450	7,177	13,498	1,881	1,415
45	48	95 627	13 193,144	214 673,428	16,272	15,806	95	98	232	3,537	6,321	1,787	1,322
46	49	95 303	12 582,174	201 480,284	16,013	15,548	96	99	112	1,634	2,784	1,704	1,238
47	50	94 946	11 995,287	188 898,110	15,748	15,282	97	100	50	0,704	1,150	1,634	1,168
48	51	94 550	11 430,863	176 902,823	15,476	15,010							
49	52	94 106	10 887,264	165 471,960	15,199	14,733							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	2 190 822,708	21,982	21,516	50	54	93 391	10 339,248	152 814,487	14,780	14,314
1	5	99 319	95 042,096	2 091 157,109	22,002	21,537	51	55	92 834	9 835,061	142 475,239	14,486	14,021
2	6	99 288	90 921,216	1 996 115,013	21,954	21,489	52	56	92 214	9 348,680	132 640,179	14,188	13,723
3	7	99 268	86 988,023	1 905 193,797	21,902	21,436	53	57	91 535	8 880,226	123 291,499	13,884	13,418
4	8	99 251	83 228,295	1 818 205,775	21,846	21,380	54	58	90 780	8 427,689	114 411,273	13,576	13,110
5	9	99 233	79 629,475	1 734 977,480	21,788	21,323	55	59	89 948	7 990,892	105 983,584	13,263	12,797
6	10	99 219	76 189,479	1 655 348,005	21,727	21,261	56	60	89 022	7 568,064	97 992,692	12,948	12,483
7	11	99 204	72 897,975	1 579 158,525	21,663	21,197	57	61	88 005	7 159,403	90 424,627	12,630	12,165
8	12	99 187	69 746,684	1 506 260,550	21,596	21,131	58	62	86 894	6 764,668	83 265,225	12,309	11,843
9	13	99 173	66 733,938	1 436 513,866	21,526	21,060	59	63	85 695	6 384,043	76 500,557	11,983	11,517
10	14	99 157	63 850,054	1 369 779,928	21,453	20,987	60	64	84 376	6 015,106	70 116,514	11,657	11,191
11	15	99 141	61 090,345	1 305 929,874	21,377	20,911	61	65	82 951	5 658,849	64 101,408	11,328	10,862
12	16	99 122	58 448,852	1 244 839,529	21,298	20,832	62	66	81 415	5 314,868	58 442,559	10,996	10,530
13	17	99 101	55 919,815	1 186 390,677	21,216	20,750	63	67	79 753	4 982,203	53 127,691	10,663	10,198
14	18	99 079	53 499,874	1 130 470,863	21,130	20,665	64	68	77 983	4 661,857	48 145,488	10,328	9,862
15	19	99 050	51 181,418	1 076 970,988	21,042	20,577	65	69	76 097	4 353,180	43 483,631	9,989	9,523
16	20	99 019	48 961,722	1 025 789,570	20,951	20,485	66	70	74 063	4 054,410	39 130,451	9,651	9,186
17	21	98 980	46 834,989	976 827,798	20,857	20,391	67	71	71 905	3 766,759	35 076,042	9,312	8,846
18	22	98 937	44 798,614	929 992,808	20,759	20,294	68	72	69 630	3 490,488	31 309,283	8,970	8,504
19	23	98 882	42 845,749	885 194,195	20,660	20,194	69	73	67 242	3 225,636	27 818,795	8,624	8,159
20	24	98 826	40 977,469	842 348,446	20,556	20,091	70	74	64 723	2 971,085	24 593,160	8,278	7,812
21	25	98 769	39 190,269	801 370,977	20,448	19,983	71	75	62 115	2 728,583	21 622,074	7,924	7,459
22	26	98 710	37 480,194	762 180,708	20,336	19,870	72	76	59 347	2 494,745	18 893,491	7,573	7,108
23	27	98 651	35 844,788	724 700,514	20,218	19,752	73	77	56 507	2 273,082	16 398,746	7,214	6,749
24	28	98 589	34 279,627	688 855,726	20,095	19,630	74	78	53 564	2 061,918	14 125,664	6,851	6,385
25	29	98 520	32 780,642	654 576,099	19,968	19,503	75	79	50 482	1 859,588	12 063,746	6,487	6,022
26	30	98 452	31 347,443	621 795,457	19,836	19,370	76	80	47 252	1 665,635	10 204,158	6,126	5,661
27	31	98 381	29 975,855	590 448,014	19,697	19,232	77	81	43 879	1 480,122	8 538,524	5,769	5,303
28	32	98 305	28 662,895	560 472,159	19,554	19,088	78	82	40 410	1 304,420	7 058,401	5,411	4,946
29	33	98 227	27 406,712	531 809,264	19,404	18,939	79	83	36 788	1 136,380	5 753,981	5,063	4,598
30	34	98 144	26 204,400	504 402,552	19,249	18,783	80	84	33 038	976,593	4 617,602	4,728	4,263
31	35	98 055	25 053,169	478 198,152	19,087	18,622	81	85	29 205	826,118	3 641,009	4,407	3,942
32	36	97 953	23 949,384	453 144,983	18,921	18,455	82	86	25 370	686,736	2 814,891	4,099	3,633
33	37	97 846	22 893,148	429 195,599	18,748	18,282	83	87	21 596	559,404	2 128,155	3,804	3,339
34	38	97 728	21 880,906	406 302,451	18,569	18,103	84	88	17 919	444,169	1 568,751	3,532	3,066
35	39	97 605	20 912,357	384 421,545	18,383	17,917	85	89	14 466	343,122	1 124,458	3,277	2,812
36	40	97 468	19 983,705	363 509,189	18,190	17,725	86	90	11 318	256,902	781,459	3,042	2,576
37	41	97 320	19 094,178	343 525,484	17,991	17,525	87	91	8 546	185,629	524,558	2,826	2,360
38	42	97 152	18 240,335	324 431,305	17,786	17,321	88	92	6 208	129,043	338,929	2,626	2,161
39	43	96 975	17 423,062	306 190,971	17,574	17,108	89	93	4 302	85,563	209,886	2,453	1,987
40	44	96 776	16 638,619	288 767,909	17,355	16,890	90	94	2 839	54,036	124,323	2,301	1,835
41	45	96 565	15 887,377	272 129,290	17,129	16,663	91	95	1 786	32,537	70,287	2,160	1,695
42	46	96 321	15 164,846	256 241,913	16,897	16,431	92	96	1 065	18,560	37,749	2,034	1,568
43	47	96 071	14 474,125	241 077,067	16,656	16,190	93	97	596	9,934	19,189	1,932	1,466
44	48	95 793	13 810,781	226 602,942	16,408	15,942	94	98	317	5,062	9,256	1,829	1,363
45	49	95 482	13 173,129	212 792,160	16,154	15,688	95	99	158	2,408	4,194	1,741	1,276
46	50	95 142	12 560,985	199 619,032	15,892	15,426	96	100	73	1,073	1,786	1,664	1,198
47	51	94 771	11 973,169	187 058,047	15,623	15,157							
48	52	94 354	11 407,127	175 084,878	15,349	14,883							
49	53	93 898	10 863,263	163 677,751	15,067	14,601							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	2 188 369,922	21,959	21,494	50	55	93 133	10 310,771	150 915,890	14,637	14,171
1	6	99 312	95 035,638	2 088 713,497	21,978	21,513	51	56	92 545	9 804,450	140 605,120	14,341	13,875
2	7	99 281	90 914,577	1 993 677,859	21,929	21,464	52	57	91 902	9 317,067	130 800,669	14,039	13,573
3	8	99 263	86 983,879	1 902 763,282	21,875	21,409	53	58	91 191	8 846,869	121 483,603	13,732	13,266
4	9	99 244	83 222,297	1 815 779,402	21,818	21,353	54	59	90 401	8 392,515	112 636,734	13,421	12,955
5	10	99 228	79 625,243	1 732 557,105	21,759	21,293	55	60	89 531	7 953,859	104 244,218	13,106	12,641
6	11	99 213	76 185,244	1 652 931,863	21,696	21,231	56	61	88 566	7 529,264	96 290,359	12,789	12,323
7	12	99 196	72 892,369	1 576 746,619	21,631	21,166	57	62	87 513	7 119,409	88 761,095	12,467	12,002
8	13	99 181	69 742,276	1 503 854,250	21,563	21,097	58	63	86 362	6 723,255	81 641,686	12,143	11,678
9	14	99 165	66 728,663	1 434 111,974	21,492	21,026	59	64	85 116	6 340,886	74 918,431	11,815	11,350
10	15	99 148	63 844,164	1 367 383,311	21,418	20,952	60	65	83 751	5 970,541	68 577,545	11,486	11,020
11	16	99 129	61 083,272	1 303 539,146	21,340	20,875	61	66	82 286	5 613,501	62 607,004	11,153	10,687
12	17	99 110	58 441,380	1 242 455,874	21,260	20,794	62	67	80 702	5 268,322	56 993,503	10,818	10,353
13	18	99 088	55 912,565	1 184 014,494	21,176	20,711	63	68	79 007	4 935,579	51 725,181	10,480	10,014
14	19	99 063	53 491,190	1 128 101,930	21,089	20,624	64	69	77 188	4 614,288	46 789,602	10,140	9,675
15	20	99 034	51 173,006	1 074 610,740	21,000	20,534	65	70	75 218	4 302,917	42 175,314	9,802	9,336
16	21	99 003	48 953,258	1 023 437,734	20,906	20,441	66	71	73 134	4 005,520	37 872,398	9,460	8,994
17	22	98 963	46 827,037	974 483,976	20,810	20,345	67	72	70 912	3 714,723	33 868,878	9,117	8,652
18	23	98 920	44 791,097	927 656,939	20,711	20,245	68	73	68 589	3 438,312	30 154,155	8,770	8,304
19	24	98 866	42 838,741	882 865,841	20,609	20,143	69	74	66 116	3 171,651	26 715,843	8,423	7,958
20	25	98 810	40 970,737	840 027,100	20,503	20,037	70	75	63 545	2 917,035	23 544,192	8,071	7,606
21	26	98 750	39 182,650	799 056,363	20,393	19,928	71	76	60 865	2 673,684	20 627,157	7,715	7,249
22	27	98 692	37 473,513	759 873,713	20,278	19,812	72	77	58 033	2 439,489	17 953,473	7,360	6,894
23	28	98 630	35 837,269	722 400,199	20,158	19,692	73	78	55 155	2 218,668	15 513,983	6,992	6,527
24	29	98 565	34 271,469	686 562,930	20,033	19,567	74	79	52 107	2 005,818	13 295,315	6,628	6,163
25	30	98 496	32 772,553	652 291,461	19,904	19,438	75	80	48 927	1 802,297	11 289,497	6,264	5,798
26	31	98 424	31 338,578	619 518,908	19,769	19,303	76	81	45 586	1 606,902	9 487,200	5,904	5,438
27	32	98 349	29 966,203	588 180,330	19,628	19,163	77	82	42 105	1 420,303	7 880,298	5,548	5,083
28	33	98 272	28 653,267	558 214,127	19,482	19,016	78	83	38 511	1 243,109	6 459,995	5,197	4,731
29	34	98 192	27 397,114	529 560,860	19,329	18,863	79	84	34 758	1 073,656	5 216,886	4,859	4,393
30	35	98 106	26 194,395	502 163,746	19,171	18,705	80	85	30 931	914,298	4 143,230	4,532	4,066
31	36	98 009	25 041,471	475 969,351	19,007	18,542	81	86	27 053	765,238	3 228,932	4,220	3,754
32	37	97 906	23 937,963	450 927,881	18,837	18,372	82	87	23 207	628,173	2 463,694	3,922	3,456
33	38	97 797	22 881,589	426 989,917	18,661	18,195	83	88	19 456	503,970	1 835,521	3,642	3,177
34	39	97 674	21 868,781	404 108,329	18,479	18,013	84	89	15 889	393,843	1 331,552	3,381	2,915
35	40	97 542	20 898,750	382 239,547	18,290	17,824	85	90	12 602	298,926	937,709	3,137	2,671
36	41	97 406	19 971,053	361 340,797	18,093	17,628	86	91	9 653	219,107	638,783	2,915	2,450
37	42	97 249	19 080,183	341 369,744	17,891	17,426	87	92	7 128	154,828	419,676	2,711	2,245
38	43	97 074	18 225,617	322 289,561	17,683	17,218	88	93	5 041	104,790	264,848	2,527	2,062
39	44	96 888	17 407,456	304 063,944	17,467	17,002	89	94	3 401	67,641	160,058	2,366	1,901
40	45	96 685	16 622,881	286 656,488	17,245	16,779	90	95	2 188	41,637	92,417	2,220	1,754
41	46	96 461	15 870,288	270 033,606	17,015	16,549	91	96	1 332	24,265	50,779	2,093	1,627
42	47	96 207	15 146,888	254 163,319	16,780	16,314	92	97	767	13,376	26,515	1,982	1,517
43	48	95 946	14 455,318	239 016,431	16,535	16,069	93	98	420	7,006	13,139	1,875	1,410
44	49	95 648	13 789,829	224 561,113	16,285	15,819	94	99	216	3,447	6,133	1,779	1,314
45	50	95 321	13 150,944	210 771,284	16,027	15,561	95	100	104	1,582	2,686	1,698	1,233
46	51	94 967	12 537,824	197 620,340	15,762	15,296							
47	52	94 574	11 948,307	185 082,516	15,490	15,025							
48	53	94 146	11 381,981	173 134,209	15,211	14,746							
49	54	93 666	10 836,338	161 752,228	14,927	14,461							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	2 185 738,814	21,934	21,469	50	56	92 844	10 278,680	148 884,753	14,485	14,019
1	7	99 305	95 028,699	2 086 089,161	21,952	21,487	51	57	92 232	9 771,296	138 606,073	14,185	13,719
2	8	99 276	90 910,247	1 991 060,461	21,901	21,436	52	58	91 557	9 282,069	128 834,778	13,880	13,414
3	9	99 256	86 977,611	1 900 150,214	21,846	21,381	53	59	90 811	8 809,946	119 552,709	13,570	13,105
4	10	99 239	83 217,874	1 813 172,604	21,788	21,323	54	60	89 982	8 353,620	110 742,763	13,257	12,791
5	11	99 222	79 620,816	1 729 954,730	21,727	21,262	55	61	89 072	7 913,081	102 389,142	12,939	12,474
6	12	99 205	76 179,385	1 650 333,914	21,664	21,198	56	62	88 071	7 487,205	94 476,061	12,618	12,153
7	13	99 190	72 887,762	1 574 154,529	21,597	21,131	57	63	86 977	7 075,824	86 988,857	12,294	11,828
8	14	99 173	69 736,764	1 501 266,767	21,528	21,063	58	64	85 779	6 677,804	79 913,032	11,967	11,501
9	15	99 156	66 722,507	1 431 530,003	21,455	20,989	59	65	84 485	6 293,907	73 235,228	11,636	11,170
10	16	99 137	63 836,773	1 364 807,496	21,380	20,914	60	66	83 080	5 922,695	66 941,320	11,303	10,837
11	17	99 117	61 075,463	1 300 970,723	21,301	20,835	61	67	81 566	5 564,339	61 018,625	10,966	10,500
12	18	99 097	58 433,803	1 239 895,260	21,219	20,753	62	68	79 946	5 219,021	55 454,286	10,625	10,160
13	19	99 072	55 903,489	1 181 461,457	21,134	20,668	63	69	78 201	4 885,217	50 235,265	10,283	9,818
14	20	99 046	53 482,398	1 125 557,968	21,045	20,580	64	70	76 296	4 561,010	45 350,048	9,943	9,477
15	21	99 018	51 164,629	1 072 075,570	20,953	20,488	65	71	74 274	4 248,907	40 789,038	9,600	9,134
16	22	98 986	48 945,446	1 020 910,940	20,858	20,393	66	72	72 123	3 948,213	36 540,131	9,255	8,789
17	23	98 947	46 819,181	971 965,494	20,760	20,294	67	73	69 852	3 659,195	32 591,918	8,907	8,441
18	24	98 904	44 783,771	925 146,314	20,658	20,192	68	74	67 441	3 380,769	28 932,722	8,558	8,092
19	25	98 850	42 831,704	880 362,542	20,554	20,088	69	75	64 914	3 113,952	25 551,954	8,206	7,740
20	26	98 790	40 962,772	837 530,838	20,446	19,981	70	76	62 267	2 858,344	22 438,002	7,850	7,384
21	27	98 732	39 175,666	796 568,066	20,333	19,868	71	77	59 517	2 614,465	19 579,657	7,489	7,023
22	28	98 671	37 465,653	757 392,400	20,216	19,750	72	78	56 643	2 381,092	16 965,192	7,125	6,659
23	29	98 607	35 828,740	719 926,747	20,094	19,628	73	79	53 654	2 158,304	14 584,100	6,757	6,292
24	30	98 541	34 263,012	684 098,006	19,966	19,500	74	80	50 502	1 944,022	12 425,796	6,392	5,926
25	31	98 468	32 763,285	649 834,994	19,834	19,369	75	81	47 202	1 738,745	10 481,775	6,028	5,563
26	32	98 393	31 328,487	617 071,709	19,697	19,231	76	82	43 743	1 541,959	8 743,029	5,670	5,204
27	33	98 316	29 956,137	585 743,222	19,553	19,088	77	83	40 126	1 353,545	7 201,071	5,320	4,855
28	34	98 238	28 643,232	555 787,085	19,404	18,938	78	84	36 385	1 174,495	5 847,525	4,979	4,513
29	35	98 155	27 386,654	527 143,853	19,248	18,783	79	85	32 541	1 005,170	4 673,031	4,649	4,183
30	36	98 061	26 182,164	499 757,200	19,088	18,622	80	86	28 651	846,920	3 667,861	4,331	3,865
31	37	97 962	25 029,530	473 575,036	18,921	18,455	81	87	24 746	699,980	2 820,941	4,030	3,564
32	38	97 856	23 925,876	448 545,506	18,747	18,282	82	88	20 907	565,924	2 120,961	3,748	3,282
33	39	97 742	22 868,910	424 619,630	18,568	18,102	83	89	17 252	446,868	1 555,037	3,480	3,014
34	40	97 610	21 854,552	401 750,720	18,383	17,917	84	90	13 842	343,114	1 108,169	3,230	2,764
35	41	97 480	20 885,519	379 896,168	18,189	17,724	85	91	10 748	254,949	765,056	3,001	2,535
36	42	97 335	19 956,415	359 010,649	17,990	17,524	86	92	8 051	182,751	510,107	2,791	2,326
37	43	97 171	19 064,788	339 054,234	17,784	17,319	87	93	5 788	125,728	327,356	2,604	2,138
38	44	96 987	18 209,293	319 989,445	17,573	17,107	88	94	3 985	82,841	201,627	2,434	1,968
39	45	96 797	17 390,991	301 780,152	17,353	16,887	89	95	2 620	52,121	118,787	2,279	1,813
40	46	96 581	16 605,001	284 389,161	17,127	16,661	90	96	1 631	31,051	66,666	2,147	1,681
41	47	96 347	15 851,494	267 784,161	16,893	16,428	91	97	960	17,487	35,615	2,037	1,571
42	48	96 082	15 127,206	251 932,666	16,654	16,189	92	98	541	9,433	18,128	1,922	1,456
43	49	95 801	14 433,388	236 805,460	16,407	15,941	93	99	286	4,771	8,694	1,822	1,357
44	50	95 487	13 766,606	222 372,072	16,153	15,687	94	100	142	2,264	3,924	1,733	1,268
45	51	95 146	13 126,695	208 605,466	15,892	15,426							
46	52	94 770	12 511,789	195 478,771	15,624	15,158							
47	53	94 366	11 921,967	182 966,982	15,347	14,881							
48	54	93 912	11 353,770	171 045,015	15,065	14,599							
49	55	93 408	10 806,492	159 691,245	14,777	14,312							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	2 182 917,899	21,908	21,442	50	57	92 530	10 243,921	146 718,007	14,322	13,857
1	8	99 300	95 024,173	2 083 275,522	21,924	21,458	51	58	91 886	9 734,592	136 474,086	14,019	13,554
2	9	99 269	90 903,695	1 988 251,349	21,872	21,406	52	59	91 175	9 243,330	126 739,494	13,711	13,246
3	10	99 251	86 972,988	1 897 347,653	21,815	21,350	53	60	90 390	8 769,117	117 496,165	13,399	12,933
4	11	99 233	83 213,247	1 810 374,666	21,756	21,290	54	61	89 520	8 310,793	108 727,048	13,083	12,617
5	12	99 214	79 614,693	1 727 161,418	21,694	21,228	55	62	88 575	7 868,877	100 416,255	12,761	12,296
6	13	99 199	76 174,571	1 647 546,726	21,629	21,163	56	63	87 532	7 441,369	92 547,378	12,437	11,971
7	14	99 182	72 882,001	1 571 372,155	21,560	21,095	57	64	86 389	7 027,990	85 106,009	12,110	11,644
8	15	99 164	69 730,331	1 498 490,154	21,490	21,024	58	65	85 143	6 628,330	78 078,019	11,779	11,314
9	16	99 145	66 714,783	1 428 759,823	21,416	20,950	59	66	83 808	6 243,470	71 449,689	11,444	10,978
10	17	99 124	63 828,612	1 362 045,040	21,339	20,873	60	67	82 352	5 870,826	65 206,219	11,107	10,641
11	18	99 104	61 067,545	1 298 216,428	21,259	20,793	61	68	80 802	5 512,268	59 335,393	10,764	10,299
12	19	99 081	58 424,318	1 237 148,884	21,175	20,710	62	69	79 131	5 165,767	53 823,125	10,419	9,954
13	20	99 056	55 894,300	1 178 724,566	21,088	20,623	63	70	77 298	4 828,811	48 657,358	10,076	9,611
14	21	99 030	53 473,644	1 122 830,266	20,998	20,532	64	71	75 339	4 503,761	43 828,547	9,732	9,266
15	22	99 001	51 155,942	1 069 356,622	20,904	20,438	65	72	73 248	4 190,211	39 324,786	9,385	8,919
16	23	98 969	48 937,334	1 018 200,680	20,806	20,341	66	73	71 045	3 889,196	35 134,575	9,034	8,568
17	24	98 930	46 811,523	969 263,446	20,706	20,240	67	74	68 683	3 597,955	31 245,380	8,684	8,219
18	25	98 888	44 776,415	922 451,923	20,601	20,136	68	75	66 214	3 319,265	27 647,425	8,329	7,864
19	26	98 830	42 823,377	877 675,508	20,495	20,030	69	76	63 608	3 051,299	24 328,160	7,973	7,507
20	27	98 773	40 955,471	834 852,131	20,384	19,919	70	77	60 887	2 795,035	21 276,860	7,612	7,147
21	28	98 711	39 167,449	793 896,660	20,269	19,804	71	78	58 092	2 551,879	18 481,825	7,242	6,777
22	29	98 648	37 456,737	754 729,211	20,149	19,684	72	79	55 102	2 316,308	15 929,946	6,877	6,412
23	30	98 582	35 819,899	717 272,474	20,024	19,559	73	80	52 001	2 091,810	13 613,638	6,508	6,042
24	31	98 513	34 253,323	681 452,575	19,894	19,429	74	81	48 721	1 875,473	11 521,828	6,143	5,678
25	32	98 436	32 752,735	647 199,252	19,760	19,295	75	82	45 294	1 668,473	9 646,355	5,782	5,316
26	33	98 360	31 317,964	614 446,517	19,620	19,154	76	83	41 687	1 469,483	7 977,882	5,429	4,963
27	34	98 282	29 945,645	583 128,553	19,473	19,007	77	84	37 911	1 278,835	6 508,398	5,089	4,624
28	35	98 200	28 632,296	553 182,908	19,320	18,855	78	85	34 064	1 099,576	5 229,563	4,756	4,290
29	36	98 109	27 373,866	524 550,612	19,162	18,697	79	86	30 143	931,095	4 129,987	4,436	3,970
30	37	98 014	26 169,679	497 176,746	18,998	18,533	80	87	26 208	774,696	3 198,892	4,129	3,664
31	38	97 913	25 016,891	471 007,067	18,828	18,362	81	88	22 294	630,615	2 424,196	3,844	3,379
32	39	97 802	23 912,619	445 990,176	18,651	18,185	82	89	18 538	501,803	1 793,581	3,574	3,109
33	40	97 679	22 854,030	422 077,557	18,468	18,003	83	90	15 030	389,309	1 291,778	3,318	2,853
34	41	97 549	21 840,716	399 223,527	18,279	17,813	84	91	11 806	292,636	902,470	3,084	2,618
35	42	97 409	20 870,211	377 382,811	18,082	17,617	85	92	8 965	212,646	609,834	2,868	2,402
36	43	97 256	19 940,313	356 512,600	17,879	17,413	86	93	6 538	148,404	397,189	2,676	2,211
37	44	97 084	19 047,712	336 572,287	17,670	17,204	87	94	4 576	99,393	248,785	2,503	2,037
38	45	96 895	18 192,070	317 524,575	17,454	16,988	88	95	3 071	63,832	149,391	2,340	1,875
39	46	96 692	17 372,284	299 332,505	17,230	16,765	89	96	1 954	38,869	85,559	2,201	1,736
40	47	96 466	16 585,337	281 960,221	17,001	16,535	90	97	1 176	22,378	46,690	2,086	1,621
41	48	96 222	15 830,898	265 374,884	16,763	16,297	91	98	677	12,333	24,312	1,971	1,506
42	49	95 936	15 104,257	249 543,986	16,521	16,056	92	99	369	6,424	11,979	1,865	1,399
43	50	95 639	14 409,081	234 439,730	16,270	15,805	93	100	188	3,133	5,555	1,773	1,307
44	51	95 311	13 741,222	220 030,649	16,012	15,547							
45	52	94 948	13 099,438	206 289,427	15,748	15,282							
46	53	94 561	12 484,207	193 189,989	15,475	15,009							
47	54	94 132	11 892,418	180 705,782	15,195	14,729							
48	55	93 654	11 322,499	168 813,364	14,910	14,444							
49	56	93 117	10 772,858	157 490,865	14,619	14,154							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	2 179 898,600	21,878	21,413	50	58	92 182	10 205,442	144 411,840	14,150	13,685
1	9	99 293	95 017,325	2 080 260,969	21,893	21,428	51	59	91 502	9 693,964	134 206,398	13,844	13,379
2	10	99 264	90 898,864	1 985 243,644	21,840	21,375	52	60	90 752	9 200,492	124 512,434	13,533	13,068
3	11	99 245	86 968,153	1 894 344,780	21,782	21,316	53	61	89 926	8 724,159	115 311,942	13,218	12,752
4	12	99 226	83 206,848	1 807 376,628	21,721	21,256	54	62	89 020	8 264,367	106 587,783	12,897	12,432
5	13	99 208	79 609,661	1 724 169,780	21,658	21,192	55	63	88 032	7 820,705	98 323,415	12,572	12,107
6	14	99 191	76 168,550	1 644 560,118	21,591	21,125	56	64	86 940	7 391,063	90 502,711	12,245	11,779
7	15	99 173	72 875,278	1 568 391,569	21,522	21,056	57	65	85 749	6 975,922	83 111,647	11,914	11,448
8	16	99 152	69 722,258	1 495 516,291	21,450	20,984	58	66	84 461	6 575,213	76 135,726	11,579	11,114
9	17	99 132	66 706,254	1 425 794,033	21,374	20,909	59	67	83 074	6 188,791	69 560,513	11,240	10,774
10	18	99 111	63 820,337	1 359 087,779	21,296	20,830	60	68	81 582	5 815,887	63 371,722	10,896	10,431
11	19	99 088	61 057,632	1 295 267,442	21,214	20,748	61	69	79 978	5 456,021	57 555,835	10,549	10,083
12	20	99 064	58 414,715	1 234 209,810	21,128	20,663	62	70	78 217	5 106,121	52 099,814	10,203	9,738
13	21	99 039	55 885,151	1 175 795,095	21,039	20,574	63	71	76 327	4 768,201	46 993,693	9,856	9,390
14	22	99 013	53 464,564	1 119 909,944	20,947	20,481	64	72	74 298	4 441,544	42 225,492	9,507	9,041
15	23	98 985	51 147,359	1 066 445,380	20,850	20,385	65	73	72 153	4 127,576	37 783,948	9,154	8,688
16	24	98 953	48 929,230	1 015 298,021	20,750	20,285	66	74	69 856	3 824,106	33 656,372	8,801	8,335
17	25	98 914	46 803,833	966 368,791	20,647	20,182	67	75	67 433	3 532,501	29 832,266	8,445	7,979
18	26	98 869	44 767,710	919 564,958	20,541	20,075	68	76	64 882	3 252,482	26 299,766	8,086	7,620
19	27	98 813	42 815,744	874 797,248	20,432	19,966	69	77	62 199	2 983,717	23 047,284	7,724	7,259
20	28	98 752	40 946,881	831 981,504	20,319	19,853	70	78	59 430	2 728,126	20 063,567	7,354	6,889
21	29	98 688	39 158,128	791 034,623	20,201	19,735	71	79	56 512	2 482,449	17 335,441	6,983	6,518
22	30	98 624	37 447,494	751 876,496	20,078	19,613	72	80	53 405	2 244,946	14 852,992	6,616	6,151
23	31	98 554	35 809,770	714 429,002	19,951	19,485	73	81	50 167	2 018,050	12 608,046	6,248	5,782
24	32	98 481	34 242,293	678 619,232	19,818	19,353	74	82	46 752	1 799,675	10 589,996	5,884	5,419
25	33	98 403	32 741,733	644 376,938	19,681	19,215	75	83	43 165	1 590,051	8 790,321	5,528	5,063
26	34	98 325	31 306,995	611 635,205	19,537	19,071	76	84	39 386	1 388,374	7 200,270	5,186	4,721
27	35	98 244	29 934,212	580 328,210	19,387	18,921	77	85	35 493	1 197,261	5 811,896	4,854	4,389
28	36	98 154	28 618,927	550 393,998	19,232	18,766	78	86	31 554	1 018,544	4 614,635	4,531	4,065
29	37	98 062	27 360,812	521 775,071	19,070	18,605	79	87	27 572	851,693	3 596,091	4,222	3,757
30	38	97 964	26 156,465	494 414,259	18,902	18,437	80	88	23 611	697,927	2 744,398	3,932	3,467
31	39	97 858	25 003,029	468 257,794	18,728	18,262	81	89	19 768	559,164	2 046,471	3,660	3,194
32	40	97 739	23 897,060	443 254,765	18,549	18,083	82	90	16 150	437,167	1 487,307	3,402	2,937
33	41	97 617	22 839,561	419 357,704	18,361	17,895	83	91	12 818	332,035	1 050,140	3,163	2,697
34	42	97 477	21 824,708	396 518,144	18,168	17,703	84	92	9 847	244,079	718,105	2,942	2,476
35	43	97 330	20 853,372	374 693,436	17,968	17,502	85	93	7 280	172,680	474,026	2,745	2,280
36	44	97 169	19 922,453	353 840,065	17,761	17,295	86	94	5 169	117,319	301,346	2,569	2,103
37	45	96 992	19 029,696	333 917,612	17,547	17,082	87	95	3 526	76,587	184,027	2,403	1,937
38	46	96 791	18 172,501	314 887,916	17,328	16,862	88	96	2 290	47,603	107,440	2,257	1,791
39	47	96 578	17 351,712	296 715,415	17,100	16,634	89	97	1 408	28,012	59,837	2,136	1,670
40	48	96 341	16 563,787	279 363,702	16,866	16,400	90	98	829	15,782	31,825	2,016	1,551
41	49	96 076	15 806,880	262 799,916	16,626	16,160	91	99	461	8,398	16,042	1,910	1,445
42	50	95 775	15 078,820	246 993,035	16,380	15,915	92	100	242	4,219	7,644	1,812	1,346
43	51	95 463	14 382,512	231 914,215	16,125	15,659							
44	52	95 113	13 712,688	217 531,703	15,864	15,398							
45	53	94 739	13 070,561	203 819,015	15,594	15,128							
46	54	94 326	12 453,264	190 748,454	15,317	14,852							
47	55	93 872	11 859,663	178 295,190	15,034	14,568							
48	56	93 362	11 287,259	166 435,527	14,745	14,280							
49	57	92 802	10 736,428	155 148,268	14,451	13,985							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	2 176 669,122	21,847	21,382	50	59	91 797	10 162,849	141 963,730	13,969	13,503
1	10	99 288	95 012,275	2 077 038,671	21,861	21,395	51	60	91 078	9 649,037	131 800,881	13,659	13,194
2	11	99 258	90 893,810	1 982 026,397	21,806	21,340	52	61	90 287	9 153,323	122 151,844	13,345	12,879
3	12	99 237	86 961,464	1 891 132,587	21,747	21,281	53	62	89 424	8 675,424	112 998,521	13,025	12,560
4	13	99 219	83 201,589	1 804 171,122	21,684	21,219	54	63	88 475	8 213,774	104 323,097	12,701	12,235
5	14	99 200	79 603,369	1 720 969,533	21,619	21,154	55	64	87 437	7 767,835	96 109,323	12,373	11,907
6	15	99 182	76 161,523	1 641 366,164	21,551	21,086	56	65	86 296	7 336,305	88 341,488	12,042	11,576
7	16	99 162	72 866,841	1 565 204,641	21,480	21,015	57	66	85 062	6 920,019	81 005,183	11,706	11,240
8	17	99 139	69 713,345	1 492 337,800	21,407	20,941	58	67	83 721	6 517,628	74 085,165	11,367	10,901
9	18	99 119	66 697,605	1 422 624,455	21,329	20,864	59	68	82 297	6 130,877	67 567,536	11,021	10,555
10	19	99 095	63 809,977	1 355 926,850	21,249	20,784	60	69	80 749	5 756,542	61 436,659	10,672	10,207
11	20	99 071	61 047,596	1 292 116,872	21,166	20,700	61	70	79 054	5 393,024	55 680,118	10,324	9,859
12	21	99 048	58 405,153	1 231 069,276	21,078	20,612	62	71	77 235	5 042,030	50 287,093	9,974	9,508
13	22	99 023	55 875,662	1 172 664,123	20,987	20,521	63	72	75 273	4 702,330	45 245,063	9,622	9,156
14	23	98 997	53 455,594	1 116 788,461	20,892	20,426	64	73	73 187	4 375,152	40 542,732	9,267	8,801
15	24	98 968	51 138,993	1 063 332,867	20,793	20,327	65	74	70 945	4 058,497	36 167,580	8,912	8,446
16	25	98 937	48 921,192	1 012 193,873	20,690	20,225	66	75	68 585	3 754,537	32 109,083	8,552	8,086
17	26	98 895	46 794,734	963 272,681	20,585	20,119	67	76	66 076	3 461,427	28 354,546	8,192	7,726
18	27	98 851	44 759,730	916 477,947	20,476	20,010	68	77	63 445	3 180,443	24 893,120	7,827	7,361
19	28	98 792	42 806,764	871 718,217	20,364	19,898	69	78	60 710	2 912,291	21 712,677	7,456	6,990
20	29	98 729	40 937,136	828 911,453	20,248	19,783	70	79	57 813	2 653,901	18 800,385	7,084	6,618
21	30	98 664	39 148,465	787 974,317	20,128	19,662	71	80	54 770	2 405,969	16 146,484	6,711	6,245
22	31	98 596	37 436,904	748 825,853	20,002	19,537	72	81	51 522	2 165,786	13 740,516	6,344	5,879
23	32	98 523	35 798,239	711 388,948	19,872	19,407	73	82	48 140	1 936,490	11 574,729	5,977	5,512
24	33	98 448	34 230,791	675 590,709	19,736	19,271	74	83	44 554	1 715,086	9 638,240	5,620	5,154
25	34	98 369	32 730,266	641 359,918	19,595	19,130	75	84	40 783	1 502,287	7 923,154	5,274	4,808
26	35	98 288	31 295,042	608 629,652	19,448	18,983	76	85	36 874	1 299,812	6 420,867	4,940	4,474
27	36	98 198	29 920,235	577 334,610	19,296	18,830	77	86	32 877	1 109,030	5 121,054	4,618	4,152
28	37	98 108	28 605,280	547 414,375	19,137	18,671	78	87	28 863	931,684	4 012,024	4,306	3,841
29	38	98 013	27 346,997	518 809,095	18,971	18,506	79	88	24 840	767,295	3 080,340	4,015	3,549
30	39	97 910	26 141,971	491 462,098	18,800	18,334	80	89	20 936	618,849	2 313,046	3,738	3,272
31	40	97 795	24 986,761	465 320,127	18,623	18,157	81	90	17 222	487,140	1 694,196	3,478	3,012
32	41	97 677	23 881,930	440 333,366	18,438	17,972	82	91	13 774	372,852	1 207,056	3,237	2,772
33	42	97 545	22 822,821	416 451,435	18,247	17,782	83	92	10 692	276,941	834,203	3,012	2,547
34	43	97 398	21 807,098	393 628,615	18,050	17,585	84	93	7 996	198,206	557,263	2,812	2,346
35	44	97 243	20 834,693	371 821,516	17,846	17,381	85	94	5 755	136,510	359,057	2,630	2,165
36	45	97 077	19 903,609	350 986,823	17,634	17,169	86	95	3 983	90,400	222,547	2,462	1,996
37	46	96 887	19 009,226	331 083,214	17,417	16,951	87	96	2 629	57,114	132,147	2,314	1,848
38	47	96 676	18 150,981	312 073,988	17,193	16,728	88	97	1 650	34,307	75,033	2,187	1,721
39	48	96 452	17 329,166	293 923,006	16,961	16,496	89	98	993	19,756	40,726	2,061	1,596
40	49	96 195	16 538,658	276 593,840	16,724	16,258	90	99	565	10,747	20,970	1,951	1,486
41	50	95 914	15 780,260	260 055,183	16,480	16,014	91	100	303	5,516	10,223	1,853	1,388
42	51	95 598	15 051,016	244 274,922	16,230	15,764							
43	52	95 265	14 352,647	229 223,906	15,971	15,505							
44	53	94 903	13 682,459	214 871,259	15,704	15,239							
45	54	94 504	13 038,165	201 188,800	15,431	14,965							
46	55	94 066	12 418,965	188 150,635	15,150	14,685							
47	56	93 580	11 822,751	175 731,670	14,864	14,398							
48	57	93 046	11 249,090	163 908,919	14,571	14,105							
49	58	92 454	10 696,099	152 659,829	14,272	13,807							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	2 173 222,658	21,814	21,348	50	60	91 372	10 115,750	139 371,780	13,778	13,312
1	11	99 282	95 006,993	2 073 597,502	21,826	21,360	51	61	90 611	9 599,569	129 256,030	13,465	12,999
2	12	99 251	90 886,820	1 978 590,510	21,770	21,304	52	62	89 783	9 102,190	119 656,461	13,146	12,680
3	13	99 231	86 955,969	1 887 703,689	21,709	21,243	53	63	88 877	8 622,314	110 554,271	12,822	12,356
4	14	99 212	83 195,013	1 800 747,721	21,645	21,179	54	64	87 877	8 158,247	101 931,957	12,494	12,029
5	15	99 191	79 596,026	1 717 552,708	21,578	21,113	55	65	86 789	7 710,285	93 773,710	12,162	11,697
6	16	99 171	76 152,706	1 637 956,682	21,509	21,043	56	66	85 604	7 277,514	86 063,425	11,826	11,360
7	17	99 149	72 857,526	1 561 803,976	21,436	20,971	57	67	84 317	6 859,415	78 785,911	11,486	11,020
8	18	99 127	69 704,306	1 488 946,451	21,361	20,895	58	68	82 938	6 456,637	71 926,496	11,140	10,674
9	19	99 103	66 686,779	1 419 242,144	21,282	20,817	59	69	81 457	6 068,318	65 469,859	10,789	10,323
10	20	99 079	63 799,489	1 352 555,365	21,200	20,734	60	70	79 817	5 690,075	59 401,542	10,440	9,974
11	21	99 055	61 037,604	1 288 755,877	21,114	20,649	61	71	78 062	5 325,332	53 711,467	10,086	9,620
12	22	99 031	58 395,236	1 227 718,273	21,024	20,559	62	72	76 168	4 972,377	48 386,134	9,731	9,265
13	23	99 006	55 866,287	1 169 323,036	20,931	20,465	63	73	74 148	4 632,040	43 413,757	9,372	8,907
14	24	98 981	53 446,851	1 113 456,749	20,833	20,367	64	74	71 962	4 301,929	38 781,717	9,015	8,549
15	25	98 952	51 130,593	1 060 009,898	20,731	20,266	65	75	69 655	3 984,664	34 479,787	8,653	8,188
16	26	98 918	48 911,681	1 008 879,305	20,627	20,161	66	76	67 205	3 678,996	30 495,123	8,289	7,823
17	27	98 877	46 786,393	959 967,624	20,518	20,052	67	77	64 613	3 384,760	26 816,127	7,923	7,457
18	28	98 830	44 750,342	913 181,231	20,406	19,941	68	78	61 926	3 104,308	23 431,367	7,548	7,082
19	29	98 769	42 796,576	868 430,889	20,292	19,826	69	79	59 058	2 833,055	20 327,059	7,175	6,709
20	30	98 704	40 927,034	825 634,312	20,173	19,708	70	80	56 032	2 572,139	17 494,004	6,801	6,336
21	31	98 636	39 137,394	784 707,279	20,050	19,584	71	81	52 839	2 321,131	14 921,865	6,429	5,963
22	32	98 564	37 424,849	745 569,884	19,922	19,456	72	82	49 439	2 078,255	12 600,735	6,063	5,598
23	33	98 490	35 786,214	708 145,035	19,788	19,323	73	83	45 877	1 845,470	10 522,479	5,702	5,236
24	34	98 414	34 218,803	672 358,821	19,649	19,183	74	84	42 095	1 620,421	8 677,009	5,355	4,889
25	35	98 331	32 717,770	638 140,018	19,504	19,039	75	85	38 181	1 406,459	7 056,589	5,017	4,552
26	36	98 242	31 280,429	605 422,248	19,355	18,889	76	86	34 156	1 204,024	5 650,129	4,693	4,227
27	37	98 152	29 905,967	574 141,819	19,198	18,733	77	87	30 074	1 014,454	4 446,105	4,383	3,917
28	38	98 058	28 590,836	544 235,852	19,035	18,570	78	88	26 003	839,359	3 431,652	4,088	3,623
29	39	97 958	27 331,844	515 645,016	18,866	18,400	79	89	22 025	680,357	2 592,292	3,810	3,345
30	40	97 846	26 124,962	488 313,172	18,691	18,226	80	90	18 239	539,138	1 911,936	3,546	3,081
31	41	97 733	24 970,941	462 188,210	18,509	18,043	81	91	14 688	415,474	1 372,798	3,304	2,839
32	42	97 605	23 864,426	437 217,268	18,321	17,855	82	92	11 489	310,986	957,324	3,078	2,613
33	43	97 467	22 804,406	413 352,842	18,126	17,660	83	93	8 682	224,891	646,338	2,874	2,408
34	44	97 311	21 787,566	390 548,436	17,925	17,460	84	94	6 321	156,690	421,447	2,690	2,224
35	45	97 151	20 814,987	368 760,870	17,716	17,251	85	95	4 435	105,187	264,758	2,517	2,051
36	46	96 973	19 882,200	347 945,884	17,500	17,035	86	96	2 970	67,415	159,571	2,367	1,901
37	47	96 773	18 986,716	328 063,684	17,279	16,813	87	97	1 895	41,162	92,155	2,239	1,773
38	48	96 550	18 127,397	309 076,968	17,050	16,585	88	98	1 164	24,195	50,994	2,108	1,642
39	49	96 306	17 302,876	290 949,571	16,815	16,349	89	99	676	13,453	26,799	1,992	1,526
40	50	96 033	16 510,805	273 646,696	16,574	16,108	90	100	371	7,058	13,345	1,891	1,425
41	51	95 737	15 751,163	257 135,890	16,325	15,859							
42	52	95 400	15 019,763	241 384,727	16,071	15,606							
43	53	95 055	14 321,007	226 364,964	15,806	15,341							
44	54	94 668	13 648,546	212 043,957	15,536	15,070							
45	55	94 244	13 002,254	198 395,411	15,259	14,793							
46	56	93 774	12 380,312	185 393,157	14,975	14,509							
47	57	93 264	11 782,772	173 012,844	14,684	14,218							
48	58	92 697	11 206,835	161 230,073	14,387	13,921							
49	59	92 068	10 651,458	150 023,238	14,085	13,619							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	2 169 547,844	21,778	21,313	50	61	90 903	10 063,888	136 634,698	13,577	13,111
1	12	99 275	94 999,686	2 069 928,227	21,789	21,323	51	62	90 105	9 545,944	126 570,810	13,259	12,794
2	13	99 244	90 881,076	1 974 928,541	21,731	21,265	52	63	89 233	9 046,468	117 024,866	12,936	12,470
3	14	99 223	86 949,096	1 884 047,464	21,668	21,203	53	64	88 276	8 564,026	107 978,398	12,608	12,143
4	15	99 202	83 187,338	1 797 098,369	21,603	21,137	54	65	87 226	8 097,804	99 414,372	12,277	11,811
5	16	99 180	79 586,811	1 713 911,030	21,535	21,070	55	66	86 094	7 648,497	91 316,568	11,939	11,474
6	17	99 158	76 142,970	1 634 324,220	21,464	20,998	56	67	84 855	7 213,779	83 668,071	11,598	11,133
7	18	99 136	72 848,080	1 558 181,249	21,389	20,924	57	68	83 528	6 795,225	76 454,292	11,251	10,786
8	19	99 110	69 692,992	1 485 333,170	21,313	20,847	58	69	82 091	6 390,754	69 659,067	10,900	10,434
9	20	99 087	66 675,818	1 415 640,178	21,232	20,766	59	70	80 517	5 998,251	63 268,314	10,548	10,082
10	21	99 062	63 789,046	1 348 964,360	21,147	20,682	60	71	78 815	5 618,654	57 270,063	10,193	9,727
11	22	99 038	61 027,240	1 285 175,314	21,059	20,593	61	72	76 984	5 251,766	51 651,408	9,835	9,369
12	23	99 015	58 385,439	1 224 148,074	20,967	20,501	62	73	75 030	4 898,051	46 399,643	9,473	9,007
13	24	98 990	55 857,150	1 165 762,635	20,870	20,405	63	74	72 907	4 554,518	41 501,592	9,112	8,647
14	25	98 964	53 438,071	1 109 905,485	20,770	20,304	64	75	70 653	4 223,668	36 947,074	8,748	8,282
15	26	98 933	51 120,652	1 056 467,414	20,666	20,201	65	76	68 253	3 904,493	32 723,405	8,381	7,915
16	27	98 900	48 902,964	1 005 346,762	20,558	20,092	66	77	65 717	3 597,511	28 818,913	8,011	7,545
17	28	98 857	46 776,580	956 443,798	20,447	19,981	67	78	63 066	3 303,734	25 221,402	7,634	7,169
18	29	98 807	44 739,692	909 667,218	20,332	19,867	68	79	60 241	3 019,848	21 917,668	7,258	6,792
19	30	98 744	42 786,015	864 927,526	20,215	19,750	69	80	57 239	2 745,773	18 897,820	6,883	6,417
20	31	98 676	40 915,460	822 141,511	20,094	19,628	70	81	54 056	2 481,441	16 152,047	6,509	6,044
21	32	98 604	39 124,792	781 226,051	19,968	19,502	71	82	50 704	2 227,321	13 670,606	6,138	5,672
22	33	98 531	37 412,278	742 101,259	19,836	19,370	72	83	47 115	1 980,573	11 443,284	5,778	5,312
23	34	98 455	35 773,681	704 688,981	19,699	19,233	73	84	43 345	1 743,608	9 462,712	5,427	4,961
24	35	98 376	34 205,738	668 915,300	19,556	19,090	74	85	39 410	1 517,057	7 719,104	5,088	4,623
25	36	98 285	32 702,493	634 709,562	19,409	18,943	75	86	35 367	1 302,812	6 202,047	4,761	4,295
26	37	98 195	31 265,513	602 007,069	19,255	18,789	76	87	31 244	1 101,347	4 899,235	4,448	3,983
27	38	98 102	29 890,867	570 741,556	19,094	18,629	77	88	27 094	913,927	3 797,888	4,156	3,690
28	39	98 004	28 574,993	540 850,689	18,927	18,462	78	89	23 056	744,256	2 883,962	3,875	3,409
29	40	97 895	27 314,060	512 275,696	18,755	18,289	79	90	19 188	592,723	2 139,705	3,610	3,144
30	41	97 784	26 108,422	484 961,635	18,575	18,109	80	91	15 556	459,821	1 546,982	3,364	2,899
31	42	97 661	24 952,639	458 853,214	18,389	17,923	81	92	12 251	346,535	1 087,161	3,137	2,672
32	43	97 526	23 845,171	433 900,575	18,197	17,731	82	93	9 330	252,537	740,626	2,933	2,467
33	44	97 379	22 783,980	410 055,403	17,998	17,532	83	94	6 864	177,786	488,089	2,745	2,280
34	45	97 219	21 766,958	387 271,423	17,792	17,326	84	95	4 871	120,736	310,303	2,570	2,104
35	46	97 046	20 792,597	365 504,465	17,579	17,113	85	96	3 307	78,443	189,567	2,417	1,951
36	47	96 858	19 858,655	344 711,868	17,358	16,893	86	97	2 140	48,585	111,124	2,287	1,822
37	48	96 647	18 962,045	324 853,213	17,132	16,666	87	98	1 336	29,030	62,539	2,154	1,689
38	49	96 404	18 099,895	305 891,168	16,900	16,435	88	99	793	16,476	33,509	2,034	1,568
39	50	96 144	17 273,736	287 791,272	16,661	16,195	89	100	444	8,835	17,033	1,928	1,462
40	51	95 856	16 480,361	270 517,536	16,415	15,949							
41	52	95 538	15 718,456	254 037,175	16,162	15,696							
42	53	95 189	14 986,653	238 318,719	15,902	15,436							
43	54	94 819	14 285,512	223 332,066	15,633	15,168							
44	55	94 407	13 610,954	209 046,554	15,359	14,893							
45	56	93 950	12 961,786	195 435,600	15,078	14,612							
46	57	93 457	12 338,447	182 473,814	14,789	14,323							
47	58	92 913	11 738,512	170 135,367	14,494	14,028							
48	59	92 310	11 160,062	158 396,855	14,193	13,728							
49	60	91 641	10 602,095	147 236,792	13,888	13,422							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	2 165 635,258	21,741	21,275	50	62	90 396	10 007,669	133 751,646	13,365	12,899
1	13	99 268	94 993,682	2 066 023,302	21,749	21,283	51	63	89 554	9 487,504	123 743,976	13,043	12,577
2	14	99 237	90 873,893	1 971 029,620	21,690	21,224	52	64	88 630	8 985,312	114 256,472	12,716	12,250
3	15	99 214	86 941,075	1 880 155,727	21,626	21,160	53	65	87 622	8 500,577	105 271,160	12,384	11,918
4	16	99 191	83 177,708	1 793 214,652	21,559	21,093	54	66	86 527	8 032,911	96 770,583	12,047	11,581
5	17	99 167	79 576,636	1 710 036,944	21,489	21,024	55	67	85 340	7 581,513	88 737,673	11,704	11,239
6	18	99 145	76 133,098	1 630 460,308	21,416	20,950	56	68	84 060	7 146,273	81 156,159	11,356	10,891
7	19	99 120	72 836,255	1 554 327,210	21,340	20,874	57	69	82 676	6 725,887	74 009,886	11,004	10,538
8	20	99 094	69 681,536	1 481 490,955	21,261	20,795	58	70	81 143	6 316,964	67 284,000	10,651	10,186
9	21	99 070	66 664,904	1 411 809,419	21,178	20,712	59	71	79 506	5 922,962	60 967,036	10,293	9,828
10	22	99 046	63 778,215	1 345 144,514	21,091	20,625	60	72	77 726	5 541,036	55 044,073	9,934	9,468
11	23	99 022	61 017,001	1 281 366,299	21,000	20,535	61	73	75 833	5 173,263	49 503,038	9,569	9,103
12	24	98 999	58 375,890	1 220 349,299	20,905	20,439	62	74	73 774	4 816,077	44 329,775	9,205	8,739
13	25	98 974	55 847,974	1 161 973,409	20,806	20,340	63	75	71 581	4 471,662	39 513,698	8,836	8,371
14	26	98 945	53 427,682	1 106 125,435	20,703	20,238	64	76	69 232	4 138,688	35 042,036	8,467	8,001
15	27	98 915	51 111,541	1 052 697,753	20,596	20,130	65	77	66 742	3 818,013	30 903,348	8,094	7,628
16	28	98 879	48 892,706	1 001 586,212	20,485	20,020	66	78	64 144	3 511,392	27 085,335	7,714	7,248
17	29	98 833	46 765,447	952 693,506	20,372	19,906	67	79	61 350	3 213,848	23 573,944	7,335	6,870
18	30	98 782	44 728,652	905 928,058	20,254	19,788	68	80	58 385	2 926,811	20 360,096	6,956	6,491
19	31	98 716	42 773,916	861 199,407	20,134	19,668	69	81	55 220	2 648,953	17 433,285	6,581	6,116
20	32	98 645	40 902,285	818 425,490	20,009	19,544	70	82	51 871	2 381,153	14 784,331	6,209	5,743
21	33	98 571	39 111,649	777 523,205	19,880	19,414	71	83	48 320	2 122,632	12 403,178	5,843	5,378
22	34	98 496	37 399,175	738 411,556	19,744	19,278	72	84	44 515	1 871,253	10 280,546	5,494	5,028
23	35	98 418	35 760,023	701 012,380	19,603	19,138	73	85	40 580	1 632,387	8 409,293	5,152	4,686
24	36	98 330	34 189,766	665 252,358	19,458	18,992	74	86	36 506	1 405,259	6 776,907	4,823	4,357
25	37	98 238	32 686,899	631 062,592	19,306	18,841	75	87	32 351	1 191,710	5 371,647	4,508	4,042
26	38	98 145	31 249,726	598 375,693	19,148	18,683	76	88	28 148	992,209	4 179,937	4,213	3,747
27	39	98 048	29 874,304	567 125,967	18,984	18,518	77	89	24 024	810,375	3 187,728	3,934	3,468
28	40	97 940	28 556,401	537 251,663	18,814	18,348	78	90	20 087	648,391	2 377,353	3,667	3,201
29	41	97 833	27 296,767	508 695,262	18,636	18,170	79	91	16 365	505,523	1 728,961	3,420	2,955
30	42	97 713	26 089,286	481 398,495	18,452	17,986	80	92	12 975	383,524	1 223,438	3,190	2,724
31	43	97 582	24 932,506	455 309,209	18,262	17,796	81	93	9 948	281,405	839,914	2,985	2,519
32	44	97 439	23 823,813	430 376,703	18,065	17,599	82	94	7 375	199,641	558,509	2,798	2,332
33	45	97 287	22 762,430	406 552,890	17,861	17,395	83	95	5 289	136,992	358,868	2,620	2,154
34	46	97 115	21 743,544	383 790,460	17,651	17,185	84	96	3 632	90,039	221,876	2,464	1,999
35	47	96 931	20 767,975	362 046,916	17,433	16,967	85	97	2 383	56,533	131,838	2,332	1,866
36	48	96 732	19 832,852	341 278,941	17,208	16,742	86	98	1 510	34,265	75,305	2,198	1,732
37	49	96 500	18 933,278	321 446,089	16,978	16,512	87	99	910	19,769	41,040	2,076	1,610
38	50	96 242	18 069,414	302 512,812	16,742	16,276	88	100	521	10,821	21,271	1,966	1,500
39	51	95 967	17 241,885	284 443,398	16,497	16,032							
40	52	95 657	16 446,140	267 201,512	16,247	15,781							
41	53	95 328	15 683,806	250 755,373	15,988	15,523							
42	54	94 954	14 949,507	235 071,567	15,724	15,259							
43	55	94 558	14 246,166	220 122,060	15,451	14,986							
44	56	94 113	13 568,592	205 875,894	15,173	14,707							
45	57	93 633	12 917,955	192 307,302	14,887	14,421							
46	58	93 106	12 292,100	179 389,348	14,594	14,128							
47	59	92 526	11 689,520	167 097,247	14,295	13,829							
48	60	91 882	11 108,341	155 407,727	13,990	13,525							
49	61	91 171	10 547,740	144 299,385	13,681	13,215							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	2 161 477,220	21,700	21,235	50	63	89 842	9 946,403	130 721,523	13,143	12,677
1	14	99 261	94 986,174	2 061 871,560	21,707	21,241	51	64	88 948	9 423,367	120 775,120	12,817	12,351
2	15	99 227	90 865,510	1 966 885,385	21,646	21,181	52	65	87 973	8 918,741	111 351,753	12,485	12,020
3	16	99 203	86 931,009	1 876 019,875	21,581	21,115	53	66	86 920	8 432,456	102 433,011	12,147	11,682
4	17	99 178	83 167,074	1 789 088,866	21,512	21,046	54	67	85 769	7 962,561	94 000,556	11,805	11,340
5	18	99 154	79 566,319	1 705 921,792	21,440	20,975	55	68	84 541	7 510,566	86 037,995	11,456	10,990
6	19	99 129	76 120,740	1 626 355,473	21,365	20,900	56	69	83 203	7 073,353	78 527,429	11,102	10,636
7	20	99 104	72 824,283	1 550 234,733	21,287	20,822	57	70	81 721	6 648,227	71 454,077	10,748	10,282
8	21	99 078	69 670,131	1 477 410,450	21,206	20,744	58	71	80 125	6 237,675	64 805,849	10,389	9,924
9	22	99 054	66 653,585	1 407 740,319	21,120	20,655	59	72	78 408	5 841,140	58 568,174	10,027	9,561
10	23	99 029	63 767,514	1 341 086,734	21,031	20,565	60	73	76 565	5 458,209	52 727,035	9,660	9,195
11	24	99 005	61 007,021	1 277 319,220	20,937	20,472	61	74	74 564	5 086,683	47 268,826	9,293	8,827
12	25	98 982	58 366,300	1 216 312,199	20,839	20,374	62	75	72 432	4 728,462	42 182,143	8,921	8,455
13	26	98 954	55 837,117	1 157 945,899	20,738	20,272	63	76	70 140	4 381,692	37 453,681	8,548	8,082
14	27	98 927	53 418,159	1 102 108,782	20,632	20,166	64	77	67 698	4 047,021	33 071,989	8,172	7,706
15	28	98 895	51 100,820	1 048 690,623	20,522	20,056	65	78	65 144	3 726,616	29 024,968	7,789	7,323
16	29	98 856	48 881,070	997 589,803	20,409	19,943	66	79	62 399	3 415,856	25 298,352	7,406	6,941
17	30	98 809	46 753,907	948 708,733	20,292	19,826	67	80	59 460	3 114,834	21 882,497	7,025	6,560
18	31	98 754	44 716,003	901 954,825	20,171	19,705	68	81	56 326	2 823,607	18 767,662	6,647	6,181
19	32	98 684	42 760,143	857 238,822	20,048	19,582	69	82	52 989	2 541,895	15 944,055	6,273	5,807
20	33	98 611	40 888,546	814 478,679	19,919	19,454	70	83	49 433	2 269,233	13 402,160	5,906	5,440
21	34	98 536	39 097,952	773 590,133	19,786	19,320	71	84	45 653	2 005,472	11 132,927	5,551	5,086
22	35	98 459	37 384,896	734 492,182	19,647	19,181	72	85	41 675	1 751,890	9 127,455	5,210	4,744
23	36	98 372	35 743,325	697 107,285	19,503	19,038	73	86	37 590	1 512,090	7 375,565	4,878	4,412
24	37	98 283	34 173,463	661 363,960	19,353	18,888	74	87	33 393	1 285,421	5 863,475	4,562	4,096
25	38	98 189	32 670,394	627 190,498	19,198	18,732	75	88	29 145	1 073,618	4 578,054	4,264	3,799
26	39	98 091	31 232,411	594 520,104	19,035	18,570	76	89	24 958	879,788	3 504,436	3,983	3,518
27	40	97 984	29 854,866	563 287,694	18,868	18,402	77	90	20 929	705,994	2 624,649	3,718	3,252
28	41	97 878	28 538,321	533 432,827	18,692	18,226	78	91	17 132	553,002	1 918,655	3,470	3,004
29	42	97 761	27 276,760	504 894,506	18,510	18,044	79	92	13 650	421,643	1 365,653	3,239	2,773
30	43	97 634	26 068,236	477 617,746	18,322	17,856	80	93	10 536	311,442	944,010	3,031	2,565
31	44	97 495	24 910,174	451 549,510	18,127	17,661	81	94	7 865	222,462	632,568	2,843	2,378
32	45	97 347	23 801,279	426 639,336	17,925	17,459	82	95	5 683	153,832	410,106	2,666	2,200
33	46	97 183	22 737,945	402 838,057	17,717	17,251	83	96	3 944	102,161	256,273	2,509	2,043
34	47	97 000	21 717,796	380 100,111	17,502	17,036	84	97	2 618	64,890	154,113	2,375	1,909
35	48	96 805	20 740,989	358 382,316	17,279	16,813	85	98	1 681	39,870	89,223	2,238	1,772
36	49	96 586	19 802,763	337 641,326	17,050	16,585	86	99	1 028	23,334	49,353	2,115	1,649
37	50	96 338	18 901,393	317 838,563	16,816	16,350	87	100	598	12,983	26,019	2,004	1,538
38	51	96 064	18 036,096	298 937,170	16,574	16,109							
39	52	95 767	17 206,083	280 901,075	16,326	15,860							
40	53	95 446	16 409,885	263 694,992	16,069	15,604							
41	54	95 091	15 644,932	247 285,107	15,806	15,340							
42	55	94 692	14 908,332	231 640,175	15,538	15,072							
43	56	94 264	14 201,826	216 731,842	15,261	14,795							
44	57	93 795	13 522,709	202 530,016	14,977	14,511							
45	58	93 281	12 869,431	189 007,308	14,687	14,221							
46	59	92 717	12 240,798	176 137,877	14,389	13,924							
47	60	92 097	11 635,346	163 897,078	14,086	13,621							
48	61	91 411	11 051,391	152 261,733	13,778	13,312							
49	62	90 662	10 488,818	141 210,341	13,463	12,997							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	2 157 062,209	21,658	21,192	50	64	89 235	9 879,164	127 544,072	12,910	12,445
1	15	99 251	94 977,412	2 057 464,421	21,663	21,197	51	65	88 289	9 353,551	117 664,908	12,580	12,114
2	16	99 216	90 854,990	1 962 487,009	21,600	21,135	52	66	87 268	8 847,269	108 311,356	12,242	11,777
3	17	99 190	86 919,896	1 871 632,019	21,533	21,067	53	67	86 158	8 358,606	99 464,087	11,900	11,434
4	18	99 165	83 156,291	1 784 712,123	21,462	20,997	54	68	84 967	7 888,047	91 105,481	11,550	11,084
5	19	99 138	79 553,404	1 701 555,832	21,389	20,923	55	69	83 679	7 433,928	83 217,433	11,194	10,729
6	20	99 113	76 108,229	1 622 002,428	21,312	20,846	56	70	82 242	6 991,682	75 783,505	10,839	10,373
7	21	99 088	72 812,363	1 545 894,199	21,231	20,766	57	71	80 695	6 564,780	68 791,824	10,479	10,013
8	22	99 061	69 658,301	1 473 081,836	21,147	20,682	58	72	79 018	6 151,505	62 227,043	10,116	9,650
9	23	99 037	66 642,402	1 403 423,535	21,059	20,593	59	73	77 236	5 753,827	56 075,538	9,746	9,280
10	24	99 013	63 757,085	1 336 781,134	20,967	20,501	60	74	75 283	5 366,860	50 321,712	9,376	8,911
11	25	98 989	60 996,999	1 273 024,049	20,870	20,405	61	75	73 207	4 994,145	44 954,852	9,002	8,536
12	26	98 963	58 354,953	1 212 027,050	20,770	20,304	62	76	70 975	4 633,325	39 960,706	8,625	8,159
13	27	98 937	55 827,164	1 153 672,097	20,665	20,199	63	77	68 587	4 284,643	35 327,381	8,245	7,780
14	28	98 907	53 406,955	1 097 844,933	20,556	20,091	64	78	66 078	3 950,142	31 042,738	7,859	7,393
15	29	98 871	51 088,659	1 044 437,978	20,444	19,978	65	79	63 371	3 625,224	27 092,596	7,473	7,008
16	30	98 831	48 869,008	993 349,319	20,327	19,861	66	80	60 476	3 310,619	23 467,372	7,089	6,623
17	31	98 781	46 740,686	944 480,311	20,207	19,741	67	81	57 364	3 005,001	20 156,754	6,708	6,242
18	32	98 723	44 701,604	897 739,625	20,083	19,617	68	82	54 050	2 709,490	17 151,753	6,330	5,865
19	33	98 651	42 745,779	853 038,020	19,956	19,490	69	83	50 498	2 422,420	14 442,263	5,962	5,496
20	34	98 577	40 874,226	810 292,241	19,824	19,358	70	84	46 705	2 143,981	12 019,843	5,606	5,141
21	35	98 499	39 083,024	769 418,015	19,687	19,221	71	85	42 741	1 877,547	9 875,862	5,260	4,794
22	36	98 413	37 367,440	730 334,991	19,545	19,079	72	86	38 604	1 622,786	7 998,315	4,929	4,463
23	37	98 325	35 726,280	692 967,551	19,397	18,931	73	87	34 384	1 383,141	6 375,529	4,609	4,144
24	38	98 234	34 156,207	657 241,271	19,242	18,777	74	88	30 084	1 158,043	4 992,388	4,311	3,845
25	39	98 134	32 652,291	623 085,063	19,082	18,617	75	89	25 843	951,973	3 834,345	4,028	3,562
26	40	98 027	31 212,089	590 432,772	18,917	18,451	76	90	21 744	766,466	2 882,372	3,761	3,295
27	41	97 922	29 835,964	559 220,683	18,743	18,278	77	91	17 850	602,130	2 115,907	3,514	3,048
28	42	97 806	28 517,404	529 384,719	18,564	18,098	78	92	14 289	461,243	1 513,777	3,282	2,816
29	43	97 682	27 254,752	500 867,314	18,377	17,912	79	93	11 085	342,397	1 052,533	3,074	2,608
30	44	97 546	26 044,886	473 612,563	18,184	17,719	80	94	8 329	246,208	710,137	2,884	2,419
31	45	97 403	24 886,613	447 567,676	17,984	17,519	81	95	6 060	171,417	463,929	2,706	2,241
32	46	97 242	23 775,677	422 681,063	17,778	17,312	82	96	4 238	114,720	292,512	2,550	2,084
33	47	97 068	22 711,019	398 905,386	17,564	17,099	83	97	2 842	73,626	177,792	2,415	1,949
34	48	96 873	21 689,576	376 194,367	17,344	16,879	84	98	1 846	45,764	104,166	2,276	1,811
35	49	96 659	20 709,523	354 504,791	17,118	16,652	85	99	1 145	27,151	58,402	2,151	1,685
36	50	96 423	19 769,414	333 795,268	16,884	16,419	86	100	675	15,324	31,251	2,039	1,574
37	51	96 160	18 866,540	314 025,854	16,645	16,179							
38	52	95 865	17 998,644	295 159,313	16,399	15,933							
39	53	95 556	17 168,153	277 160,669	16,144	15,678							
40	54	95 209	16 369,212	259 992,516	15,883	15,417							
41	55	94 830	15 601,842	243 623,304	15,615	15,149							
42	56	94 397	14 861,932	228 021,462	15,343	14,877							
43	57	93 945	14 153,801	213 159,530	15,060	14,595							
44	58	93 443	13 471,913	199 005,729	14,772	14,306							
45	59	92 892	12 815,719	185 533,816	14,477	14,011							
46	60	92 287	12 184,069	172 718,096	14,176	13,710							
47	61	91 625	11 575,694	160 534,028	13,868	13,403							
48	62	90 900	10 989,656	148 958,334	13,554	13,089							
49	63	90 107	10 424,606	137 968,678	13,235	12,769							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	2 152 381,384	21,613	21,147	50	65	88 574	9 805,971	124 220,123	12,668	12,202
1	16	99 240	94 966,416	2 052 792,784	21,616	21,150	51	66	87 582	9 278,595	114 414,152	12,331	11,865
2	17	99 203	90 843,375	1 957 826,368	21,552	21,086	52	67	86 504	8 769,787	105 135,557	11,988	11,523
3	18	99 177	86 908,627	1 866 982,993	21,482	21,017	53	68	85 352	8 280,387	96 365,770	11,638	11,172
4	19	99 149	83 142,793	1 780 074,366	21,410	20,944	54	69	84 100	7 807,558	88 085,383	11,282	10,816
5	20	99 122	79 540,328	1 696 931,572	21,334	20,869	55	70	82 712	7 348,094	80 277,825	10,925	10,459
6	21	99 096	76 095,771	1 617 391,245	21,255	20,789	56	71	81 210	6 903,924	72 929,731	10,564	10,098
7	22	99 071	72 800,000	1 541 295,474	21,172	20,706	57	72	79 581	6 474,091	66 025,808	10,198	9,733
8	23	99 044	69 646,614	1 468 495,474	21,085	20,619	58	73	77 837	6 059,553	59 551,716	9,828	9,362
9	24	99 021	66 631,502	1 398 848,860	20,994	20,528	59	74	75 943	5 657,531	53 492,164	9,455	8,989
10	25	98 997	63 746,611	1 332 217,358	20,899	20,433	60	75	73 914	5 269,225	47 834,633	9,078	8,613
11	26	98 970	60 985,141	1 268 470,747	20,800	20,334	61	76	71 734	4 893,663	42 565,408	8,698	8,232
12	27	98 945	58 344,552	1 207 485,607	20,696	20,230	62	77	69 403	4 530,703	37 671,745	8,315	7,849
13	28	98 916	55 815,455	1 149 141,055	20,588	20,123	63	78	66 945	4 182,075	33 141,042	7,925	7,459
14	29	98 883	53 394,245	1 093 325,600	20,476	20,011	64	79	64 280	3 842,668	28 958,966	7,536	7,071
15	30	98 847	51 076,052	1 039 931,356	20,360	19,895	65	80	61 419	3 513,536	25 116,298	7,148	6,683
16	31	98 803	48 855,189	988 855,304	20,241	19,775	66	81	58 344	3 193,881	21 602,762	6,764	6,298
17	32	98 749	46 725,635	940 000,115	20,117	19,652	67	82	55 045	2 883,553	18 408,881	6,384	5,918
18	33	98 689	44 686,589	893 274,480	19,990	19,524	68	83	51 509	2 582,138	15 525,328	6,013	5,547
19	34	98 617	42 730,809	848 587,891	19,859	19,393	69	84	47 711	2 288,712	12 943,190	5,655	5,190
20	35	98 539	40 858,620	805 857,082	19,723	19,257	70	85	43 726	2 007,221	10 654,477	5,308	4,842
21	36	98 453	39 064,775	764 998,462	19,583	19,117	71	86	39 591	1 739,183	8 647,257	4,972	4,506
22	37	98 366	37 349,621	725 933,687	19,436	18,971	72	87	35 312	1 484,398	6 908,073	4,654	4,188
23	38	98 275	35 708,241	688 584,066	19,284	18,818	73	88	30 977	1 246,079	5 423,676	4,353	3,887
24	39	98 179	34 137,281	652 875,825	19,125	18,659	74	89	26 675	1 026,832	4 177,597	4,068	3,603
25	40	98 070	32 631,046	618 738,544	18,962	18,496	75	90	22 514	829,353	3 150,765	3,799	3,333
26	41	97 965	31 192,328	586 107,498	18,790	18,325	76	91	18 545	653,705	2 321,413	3,551	3,086
27	42	97 850	29 814,096	554 915,170	18,613	18,147	77	92	14 888	502,220	1 667,707	3,321	2,855
28	43	97 727	28 494,395	525 101,074	18,428	17,963	78	93	11 603	374,555	1 165,487	3,112	2,646
29	44	97 595	27 230,340	496 606,679	18,237	17,772	79	94	8 763	270,679	790,933	2,922	2,456
30	45	97 454	26 020,252	469 376,339	18,039	17,573	80	95	6 418	189,714	520,254	2,742	2,277
31	46	97 298	24 859,843	443 356,087	17,834	17,369	81	96	4 519	127,834	330,540	2,586	2,120
32	47	97 127	23 747,522	418 496,244	17,623	17,157	82	97	3 054	82,677	202,707	2,452	1,986
33	48	96 941	22 681,509	394 748,721	17,404	16,938	83	98	2 005	51,925	120,029	2,312	1,846
34	49	96 727	21 656,671	372 067,212	17,180	16,715	84	99	1 257	31,164	68,104	2,185	1,720
35	50	96 496	20 674,647	350 410,541	16,949	16,483	85	100	752	17,831	36,940	2,072	1,606
36	51	96 245	19 732,961	329 735,895	16,710	16,244							
37	52	95 960	18 827,364	310 002,933	16,466	16,000							
38	53	95 653	17 958,967	291 175,569	16,213	15,748							
39	54	95 319	17 125,601	273 216,602	15,954	15,488							
40	55	94 947	16 324,127	256 091,002	15,688	15,222							
41	56	94 534	15 553,283	239 766,875	15,416	14,950							
42	57	94 078	14 811,675	224 213,592	15,138	14,672							
43	58	93 592	14 100,636	209 401,917	14,851	14,385							
44	59	93 053	13 415,687	195 301,282	14,558	14,092							
45	60	92 461	12 756,325	181 885,594	14,258	13,793							
46	61	91 814	12 121,603	169 129,269	13,953	13,487							
47	62	91 113	11 511,030	157 007,665	13,640	13,174							
48	63	90 344	10 922,378	145 496,636	13,321	12,855							
49	64	89 498	10 354,134	134 574,257	12,997	12,532							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	2 147 425,332	21,565	21,100	50	66	87 864	9 727,389	120 750,641	12,413	11,948
1	17	99 227	94 954,275	2 047 848,262	21,567	21,101	51	67	86 815	9 197,335	111 023,252	12,071	11,606
2	18	99 190	90 831,597	1 952 893,986	21,500	21,035	52	68	85 694	8 687,720	101 825,917	11,721	11,255
3	19	99 161	86 894,520	1 862 062,389	21,429	20,963	53	69	84 481	8 195,894	93 138,197	11,364	10,898
4	20	99 133	83 129,127	1 775 167,869	21,354	20,889	54	70	83 129	7 717,410	84 942,303	11,007	10,541
5	21	99 105	79 527,308	1 692 038,742	21,276	20,811	55	71	81 674	7 255,862	77 224,893	10,643	10,177
6	22	99 080	76 082,850	1 612 511,434	21,194	20,729	56	72	80 088	6 808,549	69 969,031	10,277	9,811
7	23	99 054	72 787,785	1 536 428,583	21,108	20,643	57	73	78 391	6 377,317	63 160,481	9,904	9,438
8	24	99 028	69 635,223	1 463 640,798	21,019	20,553	58	74	76 534	5 958,140	56 783,164	9,530	9,065
9	25	99 004	66 620,556	1 394 005,575	20,925	20,459	59	75	74 561	5 554,608	50 825,024	9,150	8,684
10	26	98 977	63 734,218	1 327 385,019	20,827	20,361	60	76	72 426	5 163,209	45 270,416	8,768	8,302
11	27	98 952	60 974,271	1 263 650,801	20,724	20,259	61	77	70 146	4 785,274	40 107,208	8,381	7,916
12	28	98 925	58 332,314	1 202 676,530	20,618	20,152	62	78	67 741	4 422,245	35 321,933	7,987	7,522
13	29	98 892	55 802,171	1 144 344,216	20,507	20,042	63	79	65 124	4 068,292	30 899,688	7,595	7,130
14	30	98 859	53 381,069	1 088 542,045	20,392	19,926	64	80	62 300	3 724,282	26 831,397	7,204	6,739
15	31	98 819	51 061,608	1 035 160,976	20,273	19,807	65	81	59 253	3 389,644	23 107,115	6,817	6,351
16	32	98 771	48 839,457	984 099,368	20,150	19,684	66	82	55 986	3 064,800	19 717,471	6,434	5,968
17	33	98 716	46 709,940	935 259,911	20,023	19,557	67	83	52 458	2 748,019	16 652,672	6,060	5,594
18	34	98 655	44 670,938	888 549,971	19,891	19,425	68	84	48 666	2 439,615	13 904,653	5,700	5,234
19	35	98 579	42 714,494	843 879,033	19,756	19,291	69	85	44 667	2 142,720	11 465,038	5,351	4,885
20	36	98 493	40 839,542	801 164,538	19,617	19,152	70	86	40 503	1 859,301	9 322,318	5,014	4,548
21	37	98 406	39 046,147	760 324,997	19,472	19,007	71	87	36 215	1 590,868	7 463,017	4,691	4,226
22	38	98 316	37 330,762	721 278,850	19,321	18,856	72	88	31 813	1 337,302	5 872,148	4,391	3,925
23	39	98 221	35 688,455	683 948,088	19,164	18,699	73	89	27 467	1 104,893	4 534,847	4,104	3,639
24	40	98 115	34 115,070	648 259,633	19,002	18,537	74	90	23 239	894,569	3 429,954	3,834	3,369
25	41	98 008	32 610,386	614 144,564	18,833	18,367	75	91	19 202	707,341	2 535,384	3,584	3,119
26	42	97 893	31 169,466	581 534,177	18,657	18,192	76	92	15 468	545,237	1 828,044	3,353	2,887
27	43	97 771	29 790,041	550 364,711	18,475	18,009	77	93	12 090	407,830	1 282,806	3,145	2,680
28	44	97 640	28 468,873	520 574,671	18,286	17,820	78	94	9 173	296,101	874,977	2,955	2,489
29	45	97 502	27 204,584	492 105,798	18,089	17,623	79	95	6 752	208,570	578,876	2,775	2,310
30	46	97 349	25 992,263	464 901,214	17,886	17,421	80	96	4 786	141,478	370,306	2,617	2,152
31	47	97 183	24 830,405	438 908,951	17,676	17,211	81	97	3 257	92,128	228,828	2,484	2,018
32	48	97 001	23 716,666	414 078,546	17,459	16,994	82	98	2 154	58,309	136,700	2,344	1,879
33	49	96 794	22 647,099	390 361,881	17,237	16,771	83	99	1 365	35,360	78,391	2,217	1,751
34	50	96 564	21 620,200	367 714,782	17,008	16,542	84	100	826	20,467	43,031	2,102	1,637
35	51	96 318	20 636,525	346 094,582	16,771	16,305							
36	52	96 045	19 691,986	325 458,058	16,527	16,062							
37	53	95 749	18 785,860	305 766,072	16,276	15,811							
38	54	95 416	17 914,454	286 980,211	16,019	15,554							
39	55	95 057	17 078,432	269 065,757	15,755	15,289							
40	56	94 652	16 273,320	251 987,325	15,485	15,019							
41	57	94 215	15 500,688	235 714,005	15,207	14,741							
42	58	93 725	14 756,038	220 213,317	14,924	14,458							
43	59	93 201	14 041,785	205 457,279	14,632	14,166							
44	60	92 622	13 353,513	191 415,494	14,334	13,869							
45	61	91 987	12 690,926	178 061,981	14,031	13,565							
46	62	91 301	12 053,890	165 371,054	13,719	13,254							
47	63	90 555	11 440,560	153 317,165	13,401	12,936							
48	64	89 733	10 848,541	141 876,604	13,078	12,612							
49	65	88 835	10 277,422	131 028,063	12,749	12,284							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	2 142 185,376	21,516	21,050	50	67	87 094	9 642,199	117 136,134	12,148	11,683
1	18	99 214	94 941,964	2 042 621,036	21,514	21,049	51	68	86 002	9 111,267	107 493,936	11,798	11,332
2	19	99 174	90 816,854	1 947 679,072	21,446	20,981	52	69	84 820	8 599,071	98 382,669	11,441	10,975
3	20	99 145	86 880,237	1 856 862,218	21,373	20,907	53	70	83 506	8 101,262	89 783,598	11,083	10,617
4	21	99 117	83 115,521	1 769 981,981	21,295	20,830	54	71	82 085	7 620,543	81 682,336	10,719	10,253
5	22	99 089	79 513,805	1 686 866,461	21,215	20,749	55	72	80 546	7 155,626	74 061,793	10,350	9,885
6	23	99 063	76 070,085	1 607 352,656	21,130	20,664	56	73	78 891	6 706,776	66 906,167	9,976	9,510
7	24	99 038	72 775,880	1 531 282,570	21,041	20,575	57	74	77 079	6 270,586	60 199,391	9,600	9,135
8	25	99 012	69 623,784	1 458 506,690	20,948	20,483	58	75	75 142	5 849,748	53 928,805	9,219	8,753
9	26	98 985	66 607,604	1 388 882,906	20,852	20,386	59	76	73 061	5 442,850	48 079,056	8,833	8,368
10	27	98 960	63 722,858	1 322 275,302	20,750	20,285	60	77	70 822	5 048,850	42 636,207	8,445	7,979
11	28	98 932	60 961,481	1 258 552,444	20,645	20,179	61	78	68 466	4 670,722	37 587,357	8,047	7,582
12	29	98 901	58 318,432	1 197 590,963	20,535	20,070	62	79	65 898	4 301,927	32 916,635	7,652	7,186
13	30	98 868	55 788,401	1 139 272,531	20,421	19,956	63	80	63 117	3 942,954	28 614,708	7,257	6,792
14	31	98 831	53 365,973	1 083 484,130	20,303	19,837	64	81	60 103	3 592,958	24 671,754	6,867	6,401
15	32	98 787	51 045,166	1 030 118,156	20,181	19,715	65	82	56 859	3 252,650	21 078,796	6,480	6,015
16	33	98 738	48 823,052	979 072,990	20,053	19,588	66	83	53 354	2 920,747	17 826,146	6,103	5,638
17	34	98 681	46 693,581	930 249,939	19,922	19,457	67	84	49 562	2 596,340	14 905,399	5,741	5,275
18	35	98 617	44 653,883	883 556,358	19,787	19,321	68	85	45 562	2 283,997	12 309,059	5,389	4,924
19	36	98 533	42 694,549	838 902,475	19,649	19,183	69	86	41 376	1 984,815	10 025,062	5,051	4,585
20	37	98 446	40 820,067	796 207,925	19,505	19,040	70	87	37 049	1 700,743	8 040,247	4,727	4,262
21	38	98 356	39 026,431	755 387,858	19,356	18,890	71	88	32 626	1 433,222	6 339,505	4,423	3,958
22	39	98 262	37 310,077	716 361,428	19,200	18,735	72	89	28 208	1 185,780	4 906,283	4,138	3,672
23	40	98 157	35 665,234	679 051,351	19,040	18,574	73	90	23 929	962,576	3 720,503	3,865	3,400
24	41	98 053	34 093,471	643 386,116	18,871	18,406	74	91	19 820	762,963	2 757,927	3,615	3,149
25	42	97 937	32 586,485	609 292,646	18,698	18,232	75	92	16 016	589,973	1 994,964	3,381	2,916
26	43	97 814	31 144,317	576 706,161	18,517	18,052	76	93	12 561	442,762	1 404,991	3,173	2,708
27	44	97 684	29 763,358	545 561,844	18,330	17,864	77	94	9 558	322,406	962,229	2,985	2,519
28	45	97 547	28 441,946	515 798,486	18,135	17,670	78	95	7 068	228,159	639,823	2,804	2,339
29	46	97 397	27 175,321	487 356,541	17,934	17,468	79	96	5 035	155,540	411,664	2,647	2,181
30	47	97 234	25 961,483	460 181,220	17,726	17,260	80	97	3 449	101,962	256,124	2,512	2,046
31	48	97 056	24 798,141	434 219,737	17,510	17,045	81	98	2 297	64,974	154,162	2,373	1,907
32	49	96 854	23 680,685	409 421,596	17,289	16,824	82	99	1 467	39,707	89,188	2,246	1,781
33	50	96 631	22 608,960	385 740,911	17,061	16,596	83	100	897	23,223	49,481	2,131	1,665
34	51	96 386	21 580,334	363 131,951	16,827	16,361							
35	52	96 118	20 593,673	341 551,617	16,585	16,120							
36	53	95 834	19 648,576	320 957,944	16,335	15,869							
37	54	95 512	18 739,298	301 309,368	16,079	15,613							
38	55	95 154	17 865,113	282 570,070	15,817	15,351							
39	56	94 761	17 025,277	264 704,957	15,548	15,082							
40	57	94 331	16 218,290	247 679,680	15,272	14,806							
41	58	93 861	15 442,463	231 461,389	14,989	14,523							
42	59	93 334	14 694,453	216 018,926	14,701	14,235							
43	60	92 770	13 976,709	201 324,474	14,404	13,939							
44	61	92 147	13 285,052	187 347,764	14,102	13,637							
45	62	91 473	12 620,032	174 062,712	13,793	13,327							
46	63	90 742	11 980,097	161 442,680	13,476	13,010							
47	64	89 943	11 363,220	149 462,583	13,153	12,688							
48	65	89 068	10 768,166	138 099,363	12,825	12,359							
49	66	88 123	10 195,062	127 331,197	12,489	12,024							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	2 136 651,335	21,463	20,997	50	68	86 279	9 551,968	113 378,497	11,870	11,404
1	19	99 198	94 926,553	2 037 099,903	21,460	20,994	51	69	85 125	9 018,296	103 826,529	11,513	11,047
2	20	99 158	90 801,926	1 942 173,350	21,389	20,924	52	70	83 841	8 499,783	94 808,233	11,154	10,689
3	21	99 129	86 866,016	1 851 371,424	21,313	20,847	53	71	82 458	7 999,577	86 308,450	10,789	10,324
4	22	99 100	83 101,408	1 764 505,407	21,233	20,768	54	72	80 951	7 515,269	78 308,873	10,420	9,954
5	23	99 072	79 500,464	1 681 404,000	21,150	20,684	55	73	79 342	7 048,665	70 793,605	10,044	9,578
6	24	99 047	76 057,643	1 601 903,535	21,062	20,596	56	74	77 570	6 594,531	63 744,940	9,666	9,201
7	25	99 022	72 763,925	1 525 845,892	20,970	20,504	57	75	75 677	6 156,511	57 150,409	9,283	8,817
8	26	98 993	69 610,248	1 453 081,967	20,875	20,409	58	76	73 630	5 732,052	50 993,898	8,896	8,431
9	27	98 968	66 595,732	1 383 471,719	20,774	20,309	59	77	71 443	5 322,297	45 261,846	8,504	8,039
10	28	98 939	63 709,492	1 316 875,987	20,670	20,204	60	78	69 127	4 927,988	39 939,550	8,105	7,639
11	29	98 908	60 946,973	1 253 166,494	20,562	20,096	61	79	66 604	4 543,644	35 011,561	7,706	7,240
12	30	98 877	58 304,041	1 192 219,521	20,448	19,983	62	80	63 868	4 169,391	30 467,918	7,308	6,842
13	31	98 840	55 772,625	1 133 915,480	20,331	19,865	63	81	60 892	3 803,920	26 298,526	6,914	6,448
14	32	98 799	53 348,789	1 078 142,855	20,209	19,744	64	82	57 674	3 447,747	22 494,607	6,524	6,059
15	33	98 754	51 028,020	1 024 794,066	20,083	19,617	65	83	54 186	3 099,768	19 046,859	6,145	5,679
16	34	98 704	48 805,952	973 766,046	19,952	19,486	66	84	50 409	2 759,534	15 947,091	5,779	5,313
17	35	98 643	46 675,753	924 960,094	19,817	19,351	67	85	46 401	2 430,725	13 187,557	5,425	4,960
18	36	98 571	44 633,033	878 284,340	19,678	19,212	68	86	42 204	2 115,680	10 756,833	5,084	4,619
19	37	98 486	42 674,190	833 651,308	19,535	19,070	69	87	37 847	1 815,553	8 641,152	4,760	4,294
20	38	98 397	40 799,456	790 977,117	19,387	18,921	70	88	33 378	1 532,208	6 825,599	4,455	3,989
21	39	98 302	39 004,806	750 177,662	19,233	18,767	71	89	28 930	1 270,832	5 293,391	4,165	3,700
22	40	98 198	37 285,801	711 172,856	19,074	18,608	72	90	24 575	1 033,044	4 022,560	3,894	3,428
23	41	98 095	35 642,654	673 887,055	18,907	18,441	73	91	20 409	820,965	2 989,516	3,641	3,176
24	42	97 981	34 068,482	638 244,401	18,734	18,269	74	92	16 532	636,366	2 168,551	3,408	2,942
25	43	97 858	32 560,192	604 175,919	18,556	18,090	75	93	13 006	479,090	1 532,185	3,198	2,733
26	44	97 727	31 116,421	571 615,727	18,370	17,905	76	94	9 930	350,022	1 053,095	3,009	2,543
27	45	97 591	29 735,206	540 499,306	18,177	17,711	77	95	7 365	248,428	703,073	2,830	2,364
28	46	97 442	28 411,352	510 764,100	17,977	17,512	78	96	5 271	170,148	454,645	2,672	2,206
29	47	97 282	27 143,140	482 352,748	17,771	17,305	79	97	3 629	112,096	284,497	2,538	2,072
30	48	97 108	25 927,750	455 209,608	17,557	17,091	80	98	2 433	71,909	172,401	2,397	1,932
31	49	96 909	24 760,519	429 281,858	17,337	16,872	81	99	1 564	44,246	100,491	2,271	1,806
32	50	96 690	23 640,805	404 521,339	17,111	16,646	82	100	963	26,077	56,246	2,157	1,691
33	51	96 453	22 567,271	380 880,534	16,878	16,412							
34	52	96 185	21 535,522	358 313,263	16,638	16,173							
35	53	95 906	20 548,276	336 777,740	16,390	15,924							
36	54	95 596	19 599,876	316 229,465	16,134	15,669							
37	55	95 249	18 687,685	296 629,589	15,873	15,407							
38	56	94 857	17 809,510	277 941,904	15,606	15,141							
39	57	94 441	16 967,705	260 132,394	15,331	14,865							
40	58	93 977	16 157,370	243 164,689	15,050	14,584							
41	59	93 469	15 378,013	227 007,319	14,762	14,296							
42	60	92 901	14 626,352	211 629,306	14,469	14,003							
43	61	92 294	13 905,053	197 002,955	14,168	13,702							
44	62	91 632	13 210,839	183 097,901	13,860	13,394							
45	63	90 913	12 542,774	169 887,062	13,545	13,079							
46	64	90 129	11 899,109	157 344,288	13,223	12,758							
47	65	89 277	11 279,032	145 445,179	12,895	12,430							
48	66	88 355	10 681,874	134 166,147	12,560	12,095							
49	67	87 351	10 105,776	123 484,274	12,219	11,754							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	2 130 811,557	21,408	20,942	50	69	85 399	9 454,500	109 478,146	11,579	11,114
1	20	99 182	94 910,950	2 031 276,285	21,402	20,936	51	70	84 142	8 914,168	100 023,646	11,221	10,755
2	21	99 142	90 787,064	1 936 365,335	21,329	20,863	52	71	82 788	8 393,096	91 109,478	10,855	10,390
3	22	99 112	86 851,267	1 845 578,271	21,250	20,784	53	72	81 318	7 889,067	82 716,382	10,485	10,019
4	23	99 083	83 087,465	1 758 727,004	21,167	20,702	54	73	79 741	7 402,931	74 827,315	10,108	9,642
5	24	99 056	79 487,461	1 675 639,539	21,081	20,615	55	74	78 014	6 930,698	67 424,384	9,728	9,263
6	25	99 031	76 045,149	1 596 152,078	20,990	20,524	56	75	76 159	6 474,563	60 493,686	9,343	8,878
7	26	99 002	72 749,779	1 520 106,928	20,895	20,429	57	76	74 154	6 032,642	54 019,124	8,954	8,489
8	27	98 975	69 597,841	1 447 357,149	20,796	20,330	58	77	71 999	5 605,093	47 986,481	8,561	8,096
9	28	98 947	66 581,764	1 377 759,309	20,693	20,227	59	78	69 733	5 194,889	42 381,388	8,158	7,693
10	29	98 915	63 694,330	1 311 177,545	20,585	20,120	60	79	67 246	4 793,910	37 186,499	7,757	7,291
11	30	98 884	60 931,934	1 247 483,215	20,473	20,008	61	80	64 552	4 403,661	32 392,589	7,356	6,890
12	31	98 849	58 287,533	1 186 551,281	20,357	19,891	62	81	61 616	4 022,372	27 988,927	6,958	6,493
13	32	98 808	55 754,666	1 128 263,728	20,236	19,771	63	82	58 431	3 650,183	23 966,555	6,566	6,100
14	33	98 766	53 330,869	1 072 509,062	20,110	19,645	64	83	54 963	3 285,695	20 316,372	6,183	5,718
15	34	98 719	51 010,148	1 019 178,193	19,980	19,514	65	84	51 195	2 928,674	17 030,677	5,815	5,350
16	35	98 666	48 787,319	968 168,044	19,845	19,379	66	85	47 194	2 583,509	14 102,003	5,458	4,993
17	36	98 597	46 653,959	919 380,726	19,706	19,241	67	86	42 982	2 251,595	11 518,494	5,116	4,650
18	37	98 524	44 611,749	872 726,767	19,563	19,097	68	87	38 605	1 935,258	9 266,899	4,788	4,323
19	38	98 436	42 652,642	828 115,018	19,415	18,950	69	88	34 097	1 635,641	7 331,640	4,482	4,017
20	39	98 342	40 776,848	785 462,375	19,262	18,797	70	89	29 596	1 358,603	5 695,999	4,193	3,727
21	40	98 238	38 979,428	744 685,527	19,105	18,639	71	90	25 203	1 107,141	4 337,397	3,918	3,452
22	41	98 136	37 262,195	705 706,099	18,939	18,473	72	91	20 960	881,066	3 230,256	3,666	3,201
23	42	98 023	35 616,530	668 443,905	18,768	18,302	73	92	17 022	684,744	2 349,190	3,431	2,965
24	43	97 902	34 040,994	632 827,375	18,590	18,125	74	93	13 424	516,764	1 664,447	3,221	2,755
25	44	97 770	32 531,028	598 786,381	18,407	17,941	75	94	10 282	378,740	1 147,683	3,030	2,565
26	45	97 634	31 086,989	566 255,353	18,215	17,750	76	95	7 651	269,707	768,943	2,851	2,385
27	46	97 486	29 703,221	535 168,364	18,017	17,552	77	96	5 492	185,264	499,236	2,695	2,229
28	47	97 327	28 377,707	505 465,142	17,812	17,346	78	97	3 799	122,624	313,971	2,560	2,095
29	48	97 156	27 107,872	477 087,435	17,600	17,134	79	98	2 559	79,057	191,348	2,420	1,955
30	49	96 960	25 888,414	449 979,564	17,382	16,916	80	99	1 657	48,969	112,291	2,293	1,828
31	50	96 746	24 718,821	424 091,149	17,157	16,691	81	100	1 027	29,058	63,322	2,179	1,714
32	51	96 512	23 597,214	399 372,329	16,925	16,459							
33	52	96 253	22 520,410	375 775,115	16,686	16,220							
34	53	95 973	21 488,049	353 254,705	16,440	15,974							
35	54	95 668	20 497,345	331 766,656	16,186	15,720							
36	55	95 333	19 545,892	311 269,311	15,925	15,459							
37	56	94 952	18 629,522	291 723,418	15,659	15,194							
38	57	94 537	17 749,286	273 093,896	15,386	14,921							
39	58	94 086	16 903,969	255 344,611	15,106	14,640							
40	59	93 585	16 089,936	238 440,642	14,819	14,354							
41	60	93 036	15 306,744	222 350,706	14,526	14,061							
42	61	92 425	14 551,365	207 043,962	14,228	13,763							
43	62	91 778	13 827,377	192 492,597	13,921	13,456							
44	63	91 071	13 129,964	178 665,219	13,607	13,142							
45	64	90 299	12 457,982	165 535,256	13,287	12,822							
46	65	89 461	11 810,951	153 077,274	12,961	12,495							
47	66	88 561	11 188,645	141 266,323	12,626	12,160							
48	67	87 581	10 588,324	130 077,677	12,285	11,819							
49	68	86 534	10 011,207	119 489,353	11,936	11,470							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	2 124 657,153	21,349	20,884	50	70	84 413	9 345,335	105 437,888	11,282	10,817
1	21	99 166	94 895,415	2 025 138,242	21,341	20,875	51	71	83 086	8 802,279	96 092,552	10,917	10,451
2	22	99 125	90 771,648	1 930 242,826	21,265	20,799	52	72	81 645	8 277,150	87 290,273	10,546	10,080
3	23	99 095	86 836,695	1 839 471,178	21,183	20,717	53	73	80 103	7 771,142	79 013,123	10,168	9,702
4	24	99 067	83 073,876	1 752 634,483	21,097	20,632	54	74	78 407	7 279,035	71 241,982	9,787	9,322
5	25	99 040	79 474,404	1 669 560,607	21,008	20,542	55	75	76 595	6 804,614	63 962,946	9,400	8,934
6	26	99 011	76 030,365	1 590 086,204	20,914	20,448	56	76	74 627	6 344,294	57 158,332	9,009	8,544
7	27	98 985	72 736,812	1 514 055,838	20,816	20,350	57	77	72 512	5 899,026	50 814,038	8,614	8,148
8	28	98 954	69 583,243	1 441 319,026	20,714	20,248	58	78	70 276	5 470,916	44 915,012	8,210	7,744
9	29	98 923	66 565,918	1 371 735,784	20,607	20,142	59	79	67 836	5 053,549	39 444,095	7,805	7,340
10	30	98 891	63 678,613	1 305 169,865	20,496	20,031	60	80	65 174	4 646,217	34 390,546	7,402	6,936
11	31	98 856	60 914,703	1 241 491,253	20,381	19,915	61	81	62 276	4 248,382	29 744,329	7,001	6,536
12	32	98 817	58 268,784	1 180 576,550	20,261	19,795	62	82	59 126	3 859,807	25 495,947	6,605	6,140
13	33	98 775	55 735,938	1 122 307,765	20,136	19,671	63	83	55 684	3 478,616	21 636,140	6,220	5,754
14	34	98 731	53 312,191	1 066 571,828	20,006	19,541	64	84	51 929	3 104,339	18 157,524	5,849	5,383
15	35	98 681	50 990,673	1 013 259,637	19,871	19,406	65	85	47 930	2 741,860	15 053,185	5,490	5,025
16	36	98 620	48 764,538	962 268,964	19,733	19,267	66	86	43 716	2 393,120	12 311,326	5,144	4,679
17	37	98 550	46 631,712	913 504,426	19,590	19,124	67	87	39 316	2 059,583	9 918,205	4,816	4,350
18	38	98 474	44 589,223	866 872,714	19,441	18,976	68	88	34 780	1 743,484	7 858,623	4,507	4,042
19	39	98 382	42 629,008	822 283,491	19,289	18,824	69	89	30 233	1 450,316	6 115,138	4,216	3,751
20	40	98 278	40 750,317	779 654,483	19,132	18,667	70	90	25 784	1 183,606	4 664,822	3,941	3,476
21	41	98 175	38 954,749	738 904,166	18,968	18,503	71	91	21 496	944,261	3 481,216	3,687	3,221
22	42	98 064	37 234,883	699 949,417	18,798	18,333	72	92	17 482	734,872	2 536,954	3,452	2,987
23	43	97 944	35 587,792	662 714,533	18,622	18,156	73	93	13 823	556,049	1 802,082	3,241	2,775
24	44	97 815	34 010,503	627 126,741	18,439	17,974	74	94	10 613	408,523	1 246,034	3,050	2,584
25	45	97 677	32 500,259	593 116,238	18,250	17,784	75	95	7 922	291,836	837,511	2,870	2,404
26	46	97 529	31 053,550	560 615,979	18,053	17,588	76	96	5 706	201,133	545,675	2,713	2,247
27	47	97 371	29 668,047	529 562,429	17,850	17,384	77	97	3 958	133,518	344,542	2,580	2,115
28	48	97 201	28 340,834	499 894,382	17,639	17,173	78	98	2 679	86,482	211,024	2,440	1,974
29	49	97 008	27 066,746	471 553,547	17,422	16,956	79	99	1 743	53,836	124,542	2,313	1,848
30	50	96 797	25 844,816	444 486,802	17,198	16,733	80	100	1 088	32,160	70,707	2,199	1,733
31	51	96 568	24 673,242	418 641,985	16,967	16,502							
32	52	96 312	23 548,214	393 968,743	16,730	16,265							
33	53	96 041	22 470,766	370 420,529	16,485	16,019							
34	54	95 736	21 434,789	347 949,764	16,233	15,767							
35	55	95 405	20 440,890	326 514,975	15,974	15,508							
36	56	95 036	19 485,058	306 074,085	15,708	15,243							
37	57	94 631	18 566,525	286 589,027	15,436	14,970							
38	58	94 181	17 682,614	268 022,502	15,157	14,692							
39	59	93 693	16 833,419	250 339,888	14,872	14,406							
40	60	93 151	16 015,368	233 506,469	14,580	14,115							
41	61	92 559	15 228,269	217 491,101	14,282	13,816							
42	62	91 908	14 470,079	202 262,832	13,978	13,512							
43	63	91 217	13 742,727	187 792,753	13,665	13,199							
44	64	90 455	13 041,203	174 050,026	13,346	12,881							
45	65	89 630	12 365,683	161 008,823	13,021	12,555							
46	66	88 744	11 716,302	148 643,140	12,687	12,221							
47	67	87 786	11 090,658	136 926,838	12,346	11,881							
48	68	86 761	10 489,239	125 836,180	11,997	11,531							
49	69	85 651	9 909,053	115 346,941	11,641	11,175							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	2 118 175,714	21,288	20,822	50	71	83 353	9 228,035	101 265,411	10,974	10,508
1	22	99 149	94 879,302	2 018 673,091	21,276	20,811	51	72	81 938	8 680,680	92 037,376	10,603	10,137
2	23	99 108	90 756,419	1 923 793,789	21,197	20,732	52	73	80 424	8 153,424	83 356,696	10,224	9,758
3	24	99 079	86 822,492	1 833 037,370	21,112	20,647	53	74	78 762	7 641,083	75 203,272	9,842	9,376
4	25	99 051	83 060,229	1 746 214,878	21,023	20,558	54	75	76 980	7 146,614	67 562,188	9,454	8,988
5	26	99 020	79 458,953	1 663 154,649	20,931	20,465	55	76	75 054	6 667,705	60 415,574	9,061	8,595
6	27	98 994	76 016,813	1 583 695,696	20,833	20,368	56	77	72 974	6 203,776	53 747,869	8,664	8,198
7	28	98 964	72 721,556	1 507 678,882	20,732	20,267	57	78	70 776	5 757,813	47 544,093	8,257	7,792
8	29	98 931	69 566,683	1 434 957,326	20,627	20,161	58	79	68 364	5 322,066	41 786,280	7,852	7,386
9	30	98 899	66 549,492	1 365 390,644	20,517	20,051	59	80	65 746	4 897,858	36 464,214	7,445	6,979
10	31	98 863	63 660,605	1 298 841,152	20,403	19,937	60	81	62 876	4 482,385	31 566,356	7,042	6,577
11	32	98 824	60 895,088	1 235 180,547	20,284	19,818	61	82	59 759	4 076,682	27 083,972	6,644	6,178
12	33	98 784	58 249,211	1 174 285,458	20,160	19,694	62	83	56 347	3 678,387	23 007,290	6,255	5,789
13	34	98 740	55 716,417	1 116 036,247	20,031	19,565	63	84	52 611	3 286,611	19 328,902	5,881	5,415
14	35	98 694	53 291,837	1 060 319,830	19,896	19,431	64	85	48 617	2 906,319	16 042,292	5,520	5,054
15	36	98 635	50 966,863	1 007 027,993	19,758	19,293	65	86	44 398	2 539,802	13 135,972	5,172	4,706
16	37	98 573	48 741,284	956 061,129	19,615	19,149	66	87	39 988	2 189,039	10 596,171	4,841	4,375
17	38	98 501	46 608,166	907 319,845	19,467	19,001	67	88	35 420	1 855,489	8 407,132	4,531	4,065
18	39	98 420	44 564,516	860 711,679	19,314	18,848	68	89	30 839	1 545,941	6 551,643	4,238	3,772
19	40	98 318	42 601,272	816 147,163	19,158	18,692	69	90	26 339	1 263,507	5 005,703	3,962	3,496
20	41	98 216	40 724,517	773 545,891	18,995	18,529	70	91	21 991	1 009,478	3 742,196	3,707	3,241
21	42	98 103	38 926,197	732 821,375	18,826	18,360	71	92	17 929	787,582	2 732,719	3,470	3,004
22	43	97 985	37 204,840	693 895,177	18,651	18,185	72	93	14 196	596,756	1 945,137	3,260	2,794
23	44	97 856	35 555,917	656 690,337	18,469	18,004	73	94	10 928	439,580	1 348,381	3,067	2,602
24	45	97 722	33 978,335	621 134,420	18,280	17,815	74	95	8 177	314,785	908,801	2,887	2,421
25	46	97 572	32 465,299	587 156,086	18,086	17,620	75	96	5 908	217,636	594,017	2,729	2,264
26	47	97 414	31 016,777	554 690,786	17,884	17,418	76	97	4 112	144,954	376,381	2,597	2,131
27	48	97 244	29 629,497	523 674,009	17,674	17,208	77	98	2 792	94,165	231,427	2,458	1,992
28	49	97 053	28 297,838	494 044,512	17,459	16,993	78	99	1 824	58,892	137,263	2,331	1,865
29	50	96 845	27 021,164	465 746,674	17,236	16,771	79	100	1 145	35,356	78,371	2,217	1,751
30	51	96 619	25 797,161	438 725,510	17,007	16,541							
31	52	96 367	24 622,008	412 928,349	16,771	16,305							
32	53	96 099	23 496,304	388 306,341	16,526	16,061							
33	54	95 803	22 415,070	364 810,038	16,275	15,810							
34	55	95 472	21 375,752	342 394,968	16,018	15,552							
35	56	95 108	20 377,270	321 019,216	15,754	15,288							
36	57	94 715	19 419,167	300 641,945	15,482	15,016							
37	58	94 276	18 496,783	281 222,778	15,204	14,738							
38	59	93 788	17 608,814	262 725,995	14,920	14,455							
39	60	93 259	16 755,405	245 117,180	14,629	14,164							
40	61	92 674	15 933,260	228 361,775	14,332	13,867							
41	62	92 042	15 143,201	212 428,515	14,028	13,562							
42	63	91 346	14 381,494	197 285,314	13,718	13,252							
43	64	90 600	13 649,824	182 903,820	13,400	12,934							
44	65	89 785	12 944,583	169 253,996	13,075	12,610							
45	66	88 911	12 266,589	156 309,413	12,743	12,277							
46	67	87 967	11 613,693	144 042,824	12,403	11,937							
47	68	86 964	10 986,872	132 429,131	12,053	11,588							
48	69	85 876	10 382,208	121 442,259	11,697	11,232							
49	70	84 662	9 794,640	111 060,051	11,339	10,873							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	2 111 354,051	21,223	20,757	50	72	82 202	9 100,554	96 965,111	10,655	10,189
1	23	99 132	94 863,384	2 011 868,323	21,208	20,742	51	73	80 713	8 550,922	87 864,557	10,275	9,810
2	24	99 092	90 741,575	1 917 004,940	21,126	20,660	52	74	79 078	8 016,968	79 313,635	9,893	9,428
3	25	99 063	86 808,230	1 826 263,365	21,038	20,572	53	75	77 329	7 502,076	71 296,667	9,504	9,038
4	26	99 032	83 044,081	1 739 455,135	20,946	20,481	54	76	75 432	7 002,825	63 794,591	9,110	8,644
5	27	99 003	79 444,790	1 656 411,054	20,850	20,384	55	77	73 391	6 520,023	56 791,766	8,710	8,245
6	28	98 973	76 000,869	1 576 966,264	20,749	20,284	56	78	71 227	6 055,267	50 271,743	8,302	7,837
7	29	98 940	72 704,249	1 500 965,394	20,645	20,179	57	79	68 850	5 601,157	44 216,476	7,894	7,429
8	30	98 906	69 549,516	1 428 261,146	20,536	20,070	58	80	66 257	5 158,102	38 615,319	7,486	7,021
9	31	98 871	66 530,673	1 358 711,630	20,422	19,957	59	81	63 427	4 725,152	33 457,217	7,081	6,615
10	32	98 831	63 640,106	1 292 180,957	20,305	19,839	60	82	60 335	4 301,228	28 732,065	6,680	6,214
11	33	98 791	60 874,633	1 228 540,851	20,181	19,716	61	83	56 950	3 885,069	24 430,837	6,288	5,823
12	34	98 749	58 228,811	1 167 666,218	20,053	19,587	62	84	53 236	3 475,355	20 545,768	5,912	5,446
13	35	98 703	55 695,145	1 109 437,407	19,920	19,454	63	85	49 255	3 076,965	17 070,413	5,548	5,082
14	36	98 647	53 266,953	1 053 742,262	19,782	19,317	64	86	45 034	2 692,142	13 993,448	5,198	4,732
15	37	98 588	50 942,560	1 000 475,309	19,639	19,174	65	87	40 611	2 323,211	11 301,307	4,865	4,399
16	38	98 523	48 716,673	949 532,749	19,491	19,025	66	88	36 025	1 972,116	8 978,096	4,553	4,087
17	39	98 446	46 582,340	900 816,076	19,338	18,873	67	89	31 407	1 645,254	7 005,979	4,258	3,793
18	40	98 356	44 535,520	854 233,736	19,181	18,715	68	90	26 867	1 346,814	5 360,725	3,980	3,515
19	41	98 256	42 574,300	809 698,216	19,018	18,553	69	91	22 464	1 077,623	4 013,911	3,725	3,259
20	42	98 144	40 694,668	767 123,916	18,851	18,385	70	92	18 342	841,977	2 936,288	3,487	3,022
21	43	98 024	38 894,789	726 429,248	18,677	18,211	71	93	14 559	639,559	2 094,311	3,275	2,809
22	44	97 897	37 171,516	687 534,458	18,496	18,031	72	94	11 223	471,760	1 454,752	3,084	2,618
23	45	97 763	35 522,286	650 362,942	18,309	17,843	73	95	8 420	338,715	982,992	2,902	2,437
24	46	97 617	33 941,675	614 840,656	18,115	17,649	74	96	6 098	234,750	644,277	2,745	2,279
25	47	97 457	32 426,854	580 898,871	17,914	17,449	75	97	4 258	156,847	409,527	2,611	2,145
26	48	97 287	30 976,475	548 472,016	17,706	17,240	76	98	2 900	102,230	252,680	2,472	2,006
27	49	97 097	29 584,546	517 495,541	17,492	17,026	77	99	1 901	64,124	150,450	2,346	1,881
28	50	96 890	28 250,183	487 910,995	17,271	16,805	78	100	1 198	38,677	86,326	2,232	1,766
29	51	96 666	26 971,339	459 660,813	17,043	16,577							
30	52	96 418	25 743,593	432 689,473	16,808	16,342							
31	53	96 155	24 567,730	406 945,880	16,564	16,099							
32	54	95 861	23 438,066	382 378,150	16,314	15,849							
33	55	95 539	22 353,333	358 940,083	16,058	15,592							
34	56	95 175	21 309,222	336 586,751	15,795	15,330							
35	57	94 786	20 308,363	315 277,528	15,525	15,059							
36	58	94 359	19 346,223	294 969,165	15,247	14,781							
37	59	93 882	18 419,586	275 622,942	14,964	14,498							
38	60	93 354	17 527,207	257 203,356	14,675	14,209							
39	61	92 781	16 669,504	239 676,149	14,378	13,913							
40	62	92 156	15 844,254	223 006,646	14,075	13,609							
41	63	91 478	15 050,496	207 162,392	13,764	13,299							
42	64	90 728	14 284,272	192 111,896	13,449	12,984							
43	65	89 929	13 548,695	177 827,624	13,125	12,659							
44	66	89 066	12 840,849	164 278,929	12,793	12,328							
45	67	88 133	12 159,161	151 438,080	12,455	11,989							
46	68	87 144	11 505,013	139 278,919	12,106	11,640							
47	69	86 077	10 874,762	127 773,906	11,750	11,284							
48	70	84 884	10 262,331	116 899,143	11,391	10,925							
49	71	83 599	9 671,700	106 636,812	11,026	10,560							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0	23	99 469	99 469,036	2 104 179,165	21,154	20,688	50	73	80 973	8 964,520	92 543,810	10,323	9,858
1	24	99 116	94 847,868	2 004 710,129	21,136	20,670	51	74	79 362	8 407,814	83 579,290	9,941	9,475
2	25	99 076	90 726,669	1 909 862,261	21,051	20,585	52	75	77 640	7 871,122	75 171,476	9,550	9,085
3	26	99 043	86 791,353	1 819 135,592	20,960	20,494	53	76	75 774	7 351,134	67 300,354	9,155	8,689
4	27	99 014	83 029,279	1 732 344,239	20,864	20,399	54	77	73 761	6 847,220	59 949,220	8,755	8,289
5	28	98 982	79 428,127	1 649 314,960	20,765	20,299	55	78	71 635	6 363,944	53 101,499	8,344	7,879
6	29	98 949	75 982,782	1 569 886,833	20,661	20,195	56	79	69 289	5 890,518	46 737,555	7,934	7,469
7	30	98 916	72 686,308	1 493 904,051	20,553	20,087	57	80	66 729	5 428,594	40 847,037	7,524	7,059
8	31	98 878	69 529,848	1 421 217,743	20,440	19,975	58	81	63 921	4 976,220	35 418,442	7,118	6,652
9	32	98 839	66 509,250	1 351 687,895	20,323	19,858	59	82	60 864	4 534,183	30 442,223	6,714	6,248
10	33	98 798	63 618,729	1 285 178,645	20,201	19,736	60	83	57 499	4 099,060	25 908,039	6,320	5,855
11	34	98 756	60 853,313	1 221 559,916	20,074	19,608	61	84	53 806	3 670,629	21 808,979	5,941	5,476
12	35	98 711	58 206,880	1 160 706,603	19,941	19,475	62	85	49 841	3 253,669	18 138,350	5,575	5,109
13	36	98 657	55 669,139	1 102 500,023	19,805	19,339	63	86	45 625	2 850,211	14 884,680	5,222	4,757
14	37	98 600	53 241,552	1 046 830,884	19,662	19,196	64	87	41 194	2 462,560	12 034,469	4,887	4,421
15	38	98 538	50 916,837	993 589,332	19,514	19,048	65	88	36 587	2 092,993	9 571,909	4,573	4,108
16	39	98 469	48 689,649	942 672,495	19,361	18,895	66	89	31 943	1 748,668	7 478,916	4,277	3,811
17	40	98 382	46 552,031	893 982,816	19,204	18,738	67	90	27 361	1 433,335	5 730,249	3,998	3,532
18	41	98 293	44 507,324	847 430,785	19,040	18,575	68	91	22 914	1 148,675	4 296,913	3,741	3,275
19	42	98 184	42 543,095	802 923,462	18,873	18,408	69	92	18 737	898,815	3 148,239	3,503	3,037
20	43	98 065	40 661,834	760 380,366	18,700	18,234	70	93	14 894	683,731	2 249,423	3,290	2,824
21	44	97 936	38 859,952	719 718,533	18,521	18,055	71	94	11 510	505,598	1 565,693	3,097	2,631
22	45	97 804	37 136,358	680 858,581	18,334	17,868	72	95	8 648	363,512	1 060,095	2,916	2,451
23	46	97 658	35 484,076	643 722,223	18,141	17,676	73	96	6 279	252,596	696,583	2,758	2,292
24	47	97 501	33 901,592	608 238,147	17,941	17,476	74	97	4 395	169,181	443,988	2,624	2,159
25	48	97 330	32 384,720	574 336,556	17,735	17,269	75	98	3 003	110,618	274,807	2,484	2,019
26	49	97 140	30 929,480	541 951,836	17,522	17,057	76	99	1 975	69,616	164,189	2,358	1,893
27	50	96 933	29 534,724	511 022,355	17,302	16,837	77	100	1 248	42,113	94,572	2,246	1,780
28	51	96 711	28 198,092	481 487,632	17,075	16,610							
29	52	96 466	26 915,333	453 289,540	16,841	16,376							
30	53	96 205	25 686,844	426 374,206	16,599	16,133							
31	54	95 916	24 506,837	400 687,363	16,350	15,884							
32	55	95 597	23 373,511	376 180,525	16,094	15,629							
33	56	95 241	22 283,761	352 807,014	15,832	15,367							
34	57	94 853	21 237,163	330 523,253	15,563	15,098							
35	58	94 430	20 232,079	309 286,090	15,287	14,821							
36	59	93 965	19 265,481	289 054,011	15,004	14,538							
37	60	93 447	18 334,221	269 788,531	14,715	14,249							
38	61	92 875	17 437,348	251 454,310	14,420	13,955							
39	62	92 262	16 576,385	234 016,962	14,117	13,652							
40	63	91 592	15 747,257	217 440,577	13,808	13,343							
41	64	90 860	14 948,752	201 693,320	13,492	13,027							
42	65	90 056	14 178,443	186 744,569	13,171	12,705							
43	66	89 208	13 440,120	172 566,125	12,840	12,374							
44	67	88 286	12 728,392	159 126,005	12,502	12,036							
45	68	87 308	12 045,376	146 397,613	12,154	11,688							
46	69	86 255	11 387,616	134 352,237	11,798	11,332							
47	70	85 083	10 749,199	122 964,621	11,439	10,974							
48	71	83 819	10 133,521	112 215,422	11,074	10,608							
49	72	82 444	9 538,091	102 081,901	10,703	10,237							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	2 096 636,696	21,082	20,616	50	74	79 618	8 814,490	88 007,020	9,984	9,519
1	25	99 100	94 832,287	1 997 183,930	21,060	20,595	51	75	77 918	8 254,858	79 192,531	9,593	9,128
2	26	99 057	90 709,030	1 902 351,642	20,972	20,506	52	76	76 078	7 712,755	70 937,673	9,197	8,732
3	27	99 026	86 775,883	1 811 642,612	20,877	20,412	53	77	74 095	7 188,315	63 224,918	8,796	8,330
4	28	98 993	83 011,864	1 724 866,729	20,779	20,313	54	78	71 995	6 683,797	56 036,602	8,384	7,918
5	29	98 958	79 409,224	1 641 854,865	20,676	20,210	55	79	69 686	6 190,797	49 352,806	7,972	7,506
6	30	98 925	75 964,032	1 562 445,641	20,568	20,103	56	80	67 155	5 709,041	43 162,008	7,560	7,095
7	31	98 888	72 665,753	1 486 481,609	20,456	19,991	57	81	64 376	5 237,174	37 452,967	7,151	6,686
8	32	98 847	69 507,459	1 413 815,856	20,340	19,875	58	82	61 338	4 775,104	32 215,793	6,747	6,281
9	33	98 806	66 486,909	1 344 308,396	20,219	19,754	59	83	58 003	4 321,066	27 440,689	6,350	5,885
10	34	98 763	63 596,448	1 277 821,487	20,093	19,627	60	84	54 325	3 872,809	23 119,623	5,970	5,504
11	35	98 718	60 830,080	1 214 225,039	19,961	19,495	61	85	50 374	3 436,487	19 246,814	5,601	5,135
12	36	98 665	58 179,401	1 153 394,960	19,825	19,359	62	86	46 168	3 013,894	15 810,327	5,246	4,780
13	37	98 610	55 642,593	1 095 215,559	19,683	19,217	63	87	41 734	2 607,150	12 796,432	4,908	4,443
14	38	98 551	53 214,669	1 039 572,966	19,535	19,070	64	88	37 111	2 218,533	10 189,283	4,593	4,127
15	39	98 484	50 888,624	986 358,297	19,383	18,917	65	89	32 442	1 855,849	7 970,750	4,295	3,829
16	40	98 404	48 657,999	935 469,674	19,225	18,760	66	90	27 829	1 523,428	6 114,901	4,014	3,548
17	41	98 320	46 522,558	886 811,675	19,062	18,596	67	91	23 336	1 222,467	4 591,473	3,756	3,290
18	42	98 221	44 474,702	840 289,117	18,894	18,428	68	92	19 112	958,077	3 369,006	3,516	3,051
19	43	98 104	42 508,769	795 814,415	18,721	18,256	69	93	15 215	729,887	2 410,929	3,303	2,838
20	44	97 977	40 625,413	753 305,645	18,543	18,077	70	94	11 775	540,517	1 681,042	3,110	2,644
21	45	97 844	38 823,196	712 680,232	18,357	17,891	71	95	8 869	389,585	1 140,525	2,928	2,462
22	46	97 699	37 096,411	673 857,036	18,165	17,699	72	96	6 449	271,088	750,939	2,770	2,304
23	47	97 542	35 442,056	636 760,625	17,966	17,501	73	97	4 525	182,042	479,852	2,636	2,170
24	48	97 375	33 857,541	601 318,569	17,760	17,295	74	98	3 100	119,317	297,809	2,496	2,030
25	49	97 182	32 335,589	567 461,027	17,549	17,084	75	99	2 045	75,328	178,493	2,370	1,904
26	50	96 976	30 877,393	535 125,439	17,331	16,865	76	100	1 297	45,720	103,165	2,256	1,791
27	51	96 755	29 480,265	504 248,046	17,105	16,639							
28	52	96 510	28 139,539	474 767,781	16,872	16,406							
29	53	96 253	26 856,001	446 628,243	16,630	16,165							
30	54	95 967	25 623,177	419 772,242	16,383	15,917							
31	55	95 652	24 439,339	394 149,065	16,128	15,662							
32	56	95 300	23 300,764	369 709,726	15,867	15,401							
33	57	94 919	22 208,406	346 408,962	15,598	15,132							
34	58	94 497	21 157,391	324 200,556	15,323	14,858							
35	59	94 036	20 147,638	303 043,166	15,041	14,576							
36	60	93 530	19 176,195	282 895,527	14,752	14,287							
37	61	92 968	18 240,225	263 719,332	14,458	13,993							
38	62	92 356	17 339,940	245 479,107	14,157	13,691							
39	63	91 698	16 474,906	228 139,167	13,848	13,382							
40	64	90 973	15 640,802	211 664,261	13,533	13,067							
41	65	90 187	14 838,000	196 023,459	13,211	12,745							
42	66	89 334	14 064,821	181 185,460	12,882	12,417							
43	67	88 427	13 322,415	167 120,638	12,544	12,079							
44	68	87 460	12 609,281	153 798,224	12,197	11,732							
45	69	86 417	11 922,466	141 188,943	11,842	11,377							
46	70	85 259	11 256,132	129 266,478	11,484	11,018							
47	71	84 015	10 614,278	118 010,346	11,118	10,652							
48	72	82 661	9 993,532	107 396,068	10,747	10,281							
49	73	81 212	9 395,516	97 402,537	10,367	9,901							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	2 088 711,480	21,005	20,540	50	75	78 170	8 654,135	83 366,293	9,633	9,168
1	26	99 080	94 813,851	1 989 275,050	20,981	20,515	51	76	76 351	8 088,770	74 712,157	9,237	8,771
2	27	99 039	90 692,862	1 894 461,199	20,889	20,423	52	77	74 393	7 541,927	66 623,387	8,834	8,368
3	28	99 005	86 757,682	1 803 768,337	20,791	20,325	53	78	72 322	7 016,238	59 081,460	8,421	7,955
4	29	98 970	82 992,108	1 717 010,655	20,689	20,223	54	79	70 036	6 501,947	52 065,222	8,008	7,542
5	30	98 934	79 389,628	1 634 018,547	20,582	20,117	55	80	67 539	6 000,069	45 563,275	7,594	7,128
6	31	98 897	75 942,550	1 554 628,918	20,471	20,006	56	81	64 787	5 507,732	39 563,206	7,183	6,718
7	32	98 856	72 642,355	1 478 686,368	20,356	19,890	57	82	61 774	5 025,512	34 055,474	6,777	6,311
8	33	98 813	69 484,111	1 406 044,013	20,235	19,770	58	83	58 455	4 550,663	29 029,962	6,379	5,914
9	34	98 771	66 463,623	1 336 559,902	20,110	19,644	59	84	54 802	4 082,561	24 479,299	5,996	5,530
10	35	98 726	63 572,167	1 270 096,279	19,979	19,513	60	85	50 860	3 625,770	20 396,737	5,625	5,160
11	36	98 672	60 801,676	1 206 524,111	19,844	19,378	61	86	46 662	3 183,239	16 770,967	5,269	4,803
12	37	98 618	58 151,658	1 145 722,436	19,702	19,237	62	87	42 231	2 756,874	13 587,728	4,929	4,463
13	38	98 560	55 614,497	1 087 570,778	19,556	19,090	63	88	37 599	2 348,795	10 830,854	4,611	4,146
14	39	98 496	53 185,182	1 031 956,281	19,403	18,937	64	89	32 907	1 967,164	8 482,059	4,312	3,846
15	40	98 420	50 855,513	978 771,099	19,246	18,781	65	90	28 263	1 616,804	6 514,895	4,029	3,564
16	41	98 342	48 627,192	927 915,586	19,082	18,617	66	91	23 735	1 299,306	4 898,091	3,770	3,304
17	42	98 248	46 488,459	879 288,393	18,914	18,449	67	92	19 464	1 019,626	3 598,785	3,530	3,064
18	43	98 142	44 438,818	832 799,934	18,740	18,275	68	93	15 520	778,010	2 579,160	3,315	2,849
19	44	98 016	42 470,695	788 361,116	18,562	18,097	69	94	12 028	577,005	1 801,149	3,122	2,656
20	45	97 884	40 586,987	745 890,422	18,378	17,912	70	95	9 073	416,492	1 224,144	2,939	2,474
21	46	97 739	38 781,435	705 303,434	18,187	17,721	71	96	6 614	290,532	807,651	2,780	2,314
22	47	97 583	37 052,482	666 521,999	17,989	17,523	72	97	4 648	195,369	517,120	2,647	2,181
23	48	97 416	35 396,004	629 469,517	17,784	17,318	73	98	3 192	128,387	321,750	2,506	2,040
24	49	97 227	33 806,176	594 073,513	17,573	17,107	74	99	2 111	81,252	193,363	2,380	1,914
25	50	97 019	32 281,134	560 267,337	17,356	16,890	75	100	1 343	49,471	112,112	2,266	1,801
26	51	96 797	30 820,458	527 986,204	17,131	16,665							
27	52	96 554	29 419,049	497 165,746	16,899	16,434							
28	53	96 297	28 077,507	467 746,697	16,659	16,194							
29	54	96 014	26 789,436	439 669,190	16,412	15,946							
30	55	95 703	25 552,603	412 879,754	16,158	15,692							
31	56	95 354	24 363,274	387 327,150	15,898	15,432							
32	57	94 977	23 221,971	362 963,876	15,630	15,165							
33	58	94 563	22 124,985	339 741,905	15,356	14,890							
34	59	94 102	21 069,089	317 616,920	15,075	14,609							
35	60	93 600	20 054,265	296 547,832	14,787	14,322							
36	61	93 050	19 077,883	276 493,567	14,493	14,027							
37	62	92 449	18 138,331	257 415,684	14,192	13,726							
38	63	91 791	17 233,787	239 277,353	13,884	13,419							
39	64	91 078	16 363,532	222 043,566	13,569	13,104							
40	65	90 299	15 524,923	205 680,034	13,248	12,783							
41	66	89 464	14 719,092	190 155,111	12,919	12,453							
42	67	88 552	13 941,645	175 436,019	12,584	12,118							
43	68	87 599	13 197,744	161 494,374	12,237	11,771							
44	69	86 567	12 480,616	148 296,630	11,882	11,417							
45	70	85 419	11 784,805	135 816,014	11,525	11,059							
46	71	84 189	11 114,847	124 031,209	11,159	10,693							
47	72	82 854	10 467,647	112 916,362	10,787	10,322							
48	73	81 425	9 844,149	102 448,715	10,407	9,941							
49	74	79 853	9 238,272	92 604,565	10,024	9,558							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0							50	49	94 357	10 446,274	160 482,635	15,363	14,897
1	0	99 661	95 369,763	2 101 318,501	22,033	21,568	51	50	93 896	9 947,532	150 036,361	15,083	14,617
2	1	99 349	90 977,018	2 005 948,738	22,049	21,583	52	51	93 387	9 467,621	140 088,829	14,797	14,331
3	2	99 314	87 028,406	1 914 971,720	22,004	21,538	53	52	92 821	9 004,983	130 621,208	14,505	14,040
4	3	99 289	83 259,957	1 827 943,313	21,955	21,489	54	53	92 198	8 559,401	121 616,225	14,208	13,743
5	4	99 268	79 657,567	1 744 683,356	21,902	21,437	55	54	91 509	8 129,592	113 056,824	13,907	13,441
6	5	99 250	76 213,393	1 665 025,789	21,847	21,381	56	55	90 738	7 713,969	104 927,232	13,602	13,137
7	6	99 234	72 919,955	1 588 812,396	21,788	21,323	57	56	89 883	7 312,204	97 213,263	13,295	12,829
8	7	99 217	69 767,985	1 515 892,442	21,728	21,262	58	57	88 946	6 924,362	89 901,059	12,983	12,518
9	8	99 205	66 755,358	1 446 124,457	21,663	21,197	59	58	87 927	6 550,306	82 976,697	12,668	12,202
10	9	99 190	63 870,994	1 379 369,099	21,596	21,131	60	59	86 799	6 187,833	76 426,391	12,351	11,885
11	10	99 177	61 112,769	1 315 498,105	21,526	21,060	61	60	85 572	5 837,617	70 238,559	12,032	11,566
12	11	99 165	58 473,826	1 254 385,336	21,452	20,986	62	61	84 231	5 498,725	64 400,942	11,712	11,246
13	12	99 148	55 946,558	1 195 911,510	21,376	20,910	63	62	82 776	5 171,044	58 902,217	11,391	10,925
14	13	99 133	53 529,018	1 139 964,953	21,296	20,831	64	63	81 204	4 854,362	53 731,172	11,069	10,603
15	14	99 113	51 213,564	1 086 435,935	21,214	20,748	65	64	79 515	4 548,710	48 876,810	10,745	10,280
16	15	99 088	48 996,058	1 035 222,371	21,129	20,663	66	65	77 714	4 254,253	44 328,101	10,420	9,954
17	16	99 054	46 870,031	986 226,314	21,042	20,576	67	66	75 796	3 970,588	40 073,847	10,093	9,627
18	17	99 015	44 834,013	939 356,282	20,952	20,486	68	67	73 774	3 698,234	36 103,259	9,762	9,297
19	18	98 964	42 881,241	894 522,269	20,860	20,395	69	68	71 648	3 437,012	32 405,025	9,428	8,963
20	19	98 908	41 011,463	851 641,028	20,766	20,300	70	69	69 422	3 186,812	28 968,013	9,090	8,624
21	20	98 851	39 222,777	810 629,565	20,667	20,202	71	70	67 076	2 946,513	25 781,201	8,750	8,284
22	21	98 795	37 512,436	771 406,788	20,564	20,098	72	71	64 582	2 714,806	22 834,687	8,411	7,946
23	22	98 737	35 875,927	733 894,351	20,456	19,991	73	72	62 016	2 494,673	20 119,881	8,065	7,600
24	23	98 678	34 310,847	698 018,425	20,344	19,878	74	73	59 328	2 283,767	17 625,208	7,718	7,252
25	24	98 617	32 812,939	663 707,578	20,227	19,761	75	74	56 516	2 081,839	15 341,441	7,369	6,904
26	25	98 557	31 380,917	630 894,639	20,104	19,639	76	75	53 588	1 888,979	13 259,602	7,019	6,554
27	26	98 495	30 010,517	599 513,722	19,977	19,511	77	76	50 543	1 704,936	11 370,623	6,669	6,204
28	27	98 433	28 700,166	569 503,205	19,843	19,378	78	77	47 434	1 531,149	9 665,687	6,313	5,847
29	28	98 367	27 445,813	540 803,040	19,704	19,239	79	78	44 228	1 366,183	8 134,538	5,954	5,489
30	29	98 295	26 244,731	513 357,227	19,560	19,095	80	79	40 896	1 208,863	6 768,355	5,599	5,133
31	30	98 219	25 095,118	487 112,496	19,411	18,945	81	80	37 425	1 058,623	5 559,492	5,252	4,786
32	31	98 135	23 993,904	462 017,377	19,256	18,790	82	81	33 859	916,525	4 500,869	4,911	4,445
33	32	98 043	22 939,259	438 023,473	19,095	18,629	83	82	30 236	783,203	3 584,344	4,577	4,111
34	33	97 941	21 928,685	415 084,214	18,929	18,463	84	83	26 539	657,824	2 801,142	4,258	3,793
35	34	97 838	20 962,297	393 155,529	18,755	18,290	85	84	22 828	541,474	2 143,317	3,958	3,493
36	35	97 727	20 036,816	372 193,233	18,575	18,110	86	85	19 194	435,667	1 601,844	3,677	3,211
37	36	97 595	19 148,109	352 156,416	18,391	17,926	87	86	15 740	341,899	1 166,176	3,411	2,945
38	37	97 451	18 296,542	333 008,308	18,201	17,735	88	87	12 540	260,659	824,277	3,162	2,697
39	38	97 303	17 482,031	314 711,766	18,002	17,536	89	88	9 640	191,744	563,619	2,939	2,474
40	39	97 137	16 700,641	297 229,735	17,798	17,332	90	89	7 136	135,821	371,875	2,738	2,272
41	40	96 954	15 951,311	280 529,094	17,587	17,121	91	90	5 077	92,466	236,054	2,553	2,087
42	41	96 752	15 232,617	264 577,783	17,369	16,904	92	91	3 461	60,322	143,587	2,380	1,915
43	42	96 544	14 545,378	249 345,166	17,143	16,677	93	92	2 240	37,364	83,265	2,228	1,763
44	43	96 312	13 885,613	234 799,788	16,910	16,444	94	93	1 374	21,923	45,901	2,094	1,628
45	44	96 059	13 252,748	220 914,174	16,669	16,204	95	94	793	12,109	23,978	1,980	1,515
46	45	95 788	12 646,249	207 661,426	16,421	15,955	96	95	433	6,331	11,869	1,875	1,409
47	46	95 488	12 063,721	195 015,177	16,165	15,700	97	96	221	3,097	5,538	1,788	1,323
48	47	95 152	11 503,675	182 951,456	15,904	15,438	98	97	106	1,425	2,441	1,714	1,248
49	48	94 779	10 965,145	171 447,781	15,636	15,170	99	98	49	0,623	1,017	1,632	1,166
							100	99	21	0,251	0,394	1,566	1,100

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	10 462,146	161 689,694	15,455	14,989
1							51	49	94 054	9 964,313	151 227,547	15,177	14,711
2	0	99 637	91 240,875	2 007 771,966	22,005	21,540	52	50	93 560	9 485,110	141 263,235	14,893	14,428
3	1	99 336	87 047,767	1 916 531,091	22,017	21,551	53	51	93 014	9 023,721	131 778,125	14,604	14,138
4	2	99 302	83 270,899	1 829 483,324	21,970	21,505	54	52	92 402	8 578,311	122 754,403	14,310	13,844
5	3	99 278	79 665,510	1 746 212,424	21,919	21,454	55	53	91 737	8 149,792	114 176,092	14,010	13,544
6	4	99 259	76 220,409	1 666 546,915	21,865	21,399	56	54	90 989	7 735,274	106 026,300	13,707	13,241
7	5	99 241	72 924,909	1 590 326,506	21,808	21,342	57	55	90 163	7 335,034	98 291,026	13,400	12,935
8	6	99 224	69 777,080	1 517 401,596	21,748	21,282	58	56	89 247	6 947,856	90 955,993	13,091	12,626
9	7	99 210	66 758,537	1 447 628,517	21,685	21,219	59	57	88 259	6 575,003	84 008,136	12,777	12,311
10	8	99 197	63 875,598	1 380 869,980	21,618	21,153	60	58	87 163	6 213,766	77 433,133	12,462	11,996
11	9	99 182	61 116,017	1 316 994,382	21,549	21,083	61	59	85 970	5 864,797	71 219,367	12,144	11,678
12	10	99 170	58 477,077	1 255 878,365	21,476	21,011	62	60	84 665	5 527,062	65 354,570	11,824	11,359
13	11	99 156	55 950,860	1 197 401,288	21,401	20,935	63	61	83 241	5 200,093	59 827,508	11,505	11,039
14	12	99 139	53 532,401	1 141 450,428	21,323	20,857	64	62	81 704	4 884,263	54 627,415	11,184	10,719
15	13	99 121	51 217,612	1 087 918,027	21,241	20,775	65	63	80 056	4 579,669	49 743,152	10,862	10,396
16	14	99 097	49 000,578	1 036 700,415	21,157	20,691	66	64	78 294	4 286,007	45 163,483	10,537	10,072
17	15	99 066	46 875,458	987 699,837	21,071	20,605	67	65	76 408	4 002,664	40 877,475	10,213	9,747
18	16	99 028	44 839,746	940 824,379	20,982	20,516	68	66	74 426	3 730,908	36 874,811	9,884	9,418
19	17	98 977	42 886,801	895 984,633	20,892	20,426	69	67	72 325	3 469,480	33 143,903	9,553	9,087
20	18	98 924	41 018,121	853 097,832	20,798	20,332	70	68	70 138	3 219,666	29 674,424	9,217	8,751
21	19	98 867	39 229,225	812 079,711	20,701	20,235	71	69	67 859	2 980,932	26 454,758	8,875	8,409
22	20	98 811	37 518,578	772 850,485	20,599	20,134	72	70	65 403	2 749,315	23 473,826	8,538	8,072
23	21	98 753	35 882,019	735 331,908	20,493	20,027	73	71	62 885	2 529,619	20 724,511	8,193	7,727
24	22	98 695	34 316,604	699 449,889	20,382	19,917	74	72	60 228	2 318,423	18 194,892	7,848	7,382
25	23	98 633	32 818,306	665 133,284	20,267	19,802	75	73	57 478	2 117,274	15 876,470	7,499	7,033
26	24	98 574	31 386,073	632 314,978	20,146	19,681	76	74	54 581	1 923,980	13 759,196	7,151	6,686
27	25	98 514	30 016,353	600 928,905	20,020	19,554	77	75	51 581	1 739,944	11 835,216	6,802	6,336
28	26	98 451	28 705,282	570 912,553	19,889	19,423	78	76	48 508	1 565,830	10 095,272	6,447	5,982
29	27	98 387	27 451,571	542 207,270	19,751	19,286	79	77	45 313	1 399,689	8 529,442	6,094	5,628
30	28	98 318	26 250,979	514 755,700	19,609	19,143	80	78	42 040	1 242,673	7 129,753	5,737	5,272
31	29	98 243	25 101,312	488 504,721	19,461	18,996	81	79	38 615	1 092,274	5 887,079	5,390	4,924
32	30	98 162	24 000,692	463 403,409	19,308	18,842	82	80	35 097	950,024	4 794,805	5,047	4,581
33	31	98 075	22 946,648	439 402,717	19,149	18,683	83	81	31 510	816,189	3 844,781	4,711	4,245
34	32	97 974	21 936,053	416 456,070	18,985	18,519	84	82	27 848	690,268	3 028,592	4,388	3,922
35	33	97 873	20 969,641	394 520,016	18,814	18,348	85	83	24 161	573,107	2 338,324	4,080	3,614
36	34	97 764	20 044,469	373 550,376	18,636	18,170	86	84	20 501	465,351	1 765,217	3,793	3,328
37	35	97 641	19 157,054	353 505,906	18,453	17,987	87	85	16 993	369,099	1 299,866	3,522	3,056
38	36	97 498	18 305,270	334 348,852	18,265	17,800	88	86	13 709	284,960	930,766	3,266	2,801
39	37	97 352	17 490,863	316 043,582	18,069	17,603	89	87	10 700	212,834	645,806	3,034	2,569
40	38	97 191	16 709,900	298 552,719	17,867	17,401	90	88	8 047	153,177	432,972	2,827	2,361
41	39	97 017	15 961,696	281 842,819	17,657	17,192	91	89	5 827	106,137	279,795	2,636	2,171
42	40	96 813	15 242,267	265 881,123	17,444	16,978	92	90	4 058	70,727	173,658	2,455	1,990
43	41	96 615	14 556,047	250 638,855	17,219	16,753	93	91	2 686	44,798	102,931	2,298	1,832
44	42	96 390	13 896,826	236 082,808	16,988	16,523	94	92	1 691	26,997	58,133	2,153	1,688
45	43	96 145	13 264,630	222 185,982	16,750	16,285	95	93	1 003	15,317	31,136	2,033	1,567
46	44	95 879	12 658,222	208 921,353	16,505	16,039	96	94	562	8,216	15,819	1,925	1,460
47	45	95 590	12 076,711	196 263,131	16,251	15,786	97	95	297	4,153	7,603	1,831	1,365
48	46	95 265	11 517,314	184 186,420	15,992	15,527	98	96	148	1,977	3,450	1,745	1,280
49	47	94 902	10 979,412	172 669,106	15,727	15,261	99	97	69	0,883	1,473	1,668	1,202
							100	98	30	0,369	0,590	1,597	1,132

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	10 475,758	162 800,789	15,541	15,075
1							51	48	94 197	9 979,452	152 325,031	15,264	14,798
2							52	49	93 718	9 501,111	142 345,579	14,982	14,516
3	0	99 624	87 300,228	1 918 217,857	21,973	21,507	53	50	93 186	9 040,391	132 844,468	14,695	14,229
4	1	99 324	83 289,424	1 830 917,629	21,983	21,517	54	51	92 594	8 596,161	123 804,077	14,402	13,937
5	2	99 291	79 675,979	1 747 628,205	21,934	21,469	55	52	91 939	8 167,797	115 207,916	14,105	13,640
6	3	99 269	76 228,009	1 667 952,225	21,881	21,415	56	53	91 215	7 754,494	107 040,119	13,804	13,338
7	4	99 250	72 931,623	1 591 724,216	21,825	21,359	57	54	90 412	7 355,292	99 285,625	13,499	13,033
8	5	99 231	69 777,820	1 518 792,594	21,766	21,301	58	55	89 526	6 969,548	91 930,333	13,190	12,725
9	6	99 217	66 763,412	1 449 014,773	21,704	21,238	59	56	88 558	6 597,313	84 960,784	12,878	12,412
10	7	99 202	63 878,640	1 382 251,361	21,639	21,173	60	57	87 492	6 237,195	78 363,471	12,564	12,098
11	8	99 189	61 120,422	1 318 372,721	21,570	21,104	61	58	86 330	5 889,377	72 126,276	12,247	11,781
12	9	99 175	58 480,185	1 257 252,299	21,499	21,033	62	59	85 059	5 552,796	66 238,900	11,929	11,463
13	10	99 161	55 953,971	1 198 772,114	21,424	20,959	63	60	83 670	5 226,890	60 684,104	11,610	11,144
14	11	99 147	53 536,518	1 142 818,143	21,347	20,881	64	61	82 163	4 911,701	55 457,214	11,291	10,825
15	12	99 127	51 220,849	1 089 281,625	21,266	20,801	65	62	80 549	4 607,878	50 545,513	10,969	10,504
16	13	99 105	49 004,451	1 038 060,776	21,183	20,717	66	63	78 827	4 315,179	4 315,179	10,646	10,180
17	14	99 075	46 879,783	989 056,325	21,098	20,632	67	64	76 979	4 032,541	41 622,456	10,322	9,856
18	15	99 039	44 844,937	942 176,542	21,010	20,544	68	65	75 027	3 761,048	37 589,915	9,995	9,529
19	16	98 989	42 892,284	897 331,605	20,921	20,455	69	66	72 964	3 500,133	33 828,867	9,665	9,199
20	17	98 937	41 023,440	854 439,320	20,828	20,362	70	67	70 800	3 250,080	30 328,735	9,332	8,866
21	18	98 883	39 235,594	813 415,880	20,732	20,266	71	68	68 559	3 011,663	27 078,655	8,991	8,526
22	19	98 827	37 524,745	774 180,286	20,631	20,166	72	69	66 167	2 781,430	24 066,992	8,653	8,187
23	20	98 769	35 887,893	736 655,540	20,527	20,061	73	70	63 684	2 561,773	21 285,562	8,309	7,843
24	21	98 712	34 322,432	700 767,647	20,417	19,952	74	71	61 072	2 350,899	18 723,788	7,965	7,499
25	22	98 650	32 823,814	666 445,215	20,304	19,838	75	72	58 350	2 149,403	16 372,889	7,617	7,152
26	23	98 590	31 391,207	633 621,401	20,185	19,719	76	73	55 510	1 956,728	14 223,487	7,269	6,803
27	24	98 530	30 021,284	602 230,194	20,060	19,594	77	74	52 537	1 772,184	12 266,759	6,922	6,456
28	25	98 470	28 710,864	572 208,910	19,930	19,464	78	75	49 504	1 597,981	10 494,575	6,567	6,102
29	26	98 405	27 456,464	543 498,046	19,795	19,329	79	76	46 339	1 431,393	8 896,594	6,215	5,750
30	27	98 339	26 256,486	516 041,582	19,654	19,188	80	77	43 071	1 273,151	7 465,201	5,864	5,398
31	28	98 266	25 107,288	489 785,096	19,508	19,042	81	78	39 695	1 122,823	6 192,050	5,515	5,049
32	29	98 187	24 006,616	464 677,808	19,356	18,891	82	79	36 213	980,223	5 069,227	5,172	4,706
33	30	98 102	22 953,138	440 671,193	19,199	18,733	83	80	32 661	846,021	4 089,003	4,833	4,368
34	31	98 006	21 943,119	417 718,054	19,036	18,571	84	81	29 020	719,341	3 242,982	4,508	4,043
35	32	97 905	20 976,687	395 774,935	18,867	18,402	85	82	25 353	601,373	2 523,642	4,196	3,731
36	33	97 799	20 051,492	374 798,248	18,692	18,226	86	83	21 699	492,537	1 922,269	3,903	3,437
37	34	97 678	19 164,371	354 746,756	18,511	18,045	87	84	18 150	394,248	1 429,732	3,626	3,161
38	35	97 543	18 313,822	335 582,386	18,324	17,858	88	85	14 800	307,630	1 035,484	3,366	2,900
39	36	97 399	17 499,207	317 268,564	18,130	17,665	89	86	11 698	232,677	727,854	3,128	2,663
40	37	97 240	16 718,342	299 769,356	17,931	17,465	90	87	8 933	170,026	495,177	2,912	2,447
41	38	97 071	15 970,546	283 051,015	17,723	17,258	91	88	6 572	119,700	325,151	2,716	2,251
42	39	96 876	15 252,191	267 080,469	17,511	17,045	92	89	4 658	81,184	205,452	2,531	2,065
43	40	96 676	14 565,269	251 828,278	17,290	16,824	93	90	3 149	52,525	124,268	2,366	1,900
44	41	96 461	13 907,019	237 263,009	17,061	16,595	94	91	2 028	32,368	71,743	2,216	1,751
45	42	96 223	13 275,341	223 355,990	16,825	16,359	95	92	1 235	18,862	39,375	2,088	1,622
46	43	95 965	12 669,570	210 080,649	16,582	16,116	96	93	711	10,393	20,513	1,974	1,508
47	44	95 681	12 088,145	197 411,079	16,331	15,865	97	94	385	5,389	10,120	1,878	1,412
48	45	95 368	11 529,716	185 322,934	16,074	15,608	98	95	198	2,651	4,730	1,784	1,319
49	46	95 015	10 992,429	173 793,218	15,810	15,345	99	96	96	1,226	2,079	1,696	1,231
							100	97	43	0,524	0,854	1,631	1,165

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	10 488,178	163 822,153	15,620	15,154
1							51	47	94 320	9 992,436	153 333,975	15,345	14,879
2							52	48	93 860	9 515,547	143 341,539	15,064	14,598
3							53	49	93 343	9 055,641	133 825,992	14,778	14,313
4	0	99 612	83 530,985	1 832 477,133	21,938	21,472	54	50	92 765	8 612,041	124 770,351	14,488	14,022
5	1	99 313	79 693,704	1 748 946,148	21,946	21,480	55	51	92 131	8 184,793	116 158,310	14,192	13,726
6	2	99 282	76 238,027	1 669 252,444	21,895	21,430	56	52	91 416	7 771,626	107 973,517	13,893	13,428
7	3	99 260	72 938,895	1 593 014,417	21,840	21,375	57	53	90 637	7 373,568	100 201,891	13,589	13,124
8	4	99 240	69 784,244	1 520 075,522	21,783	21,317	58	54	89 773	6 988,797	92 828,323	13,282	12,817
9	5	99 224	66 767,949	1 450 291,277	21,721	21,256	59	55	88 835	6 617,910	85 839,525	12,971	12,505
10	6	99 209	63 883,304	1 383 523,329	21,657	21,191	60	56	87 789	6 258,358	79 221,615	12,659	12,193
11	7	99 194	61 123,333	1 319 640,024	21,590	21,124	61	57	86 656	5 911,582	72 963,257	12,342	11,877
12	8	99 183	58 484,400	1 258 516,691	21,519	21,053	62	58	85 416	5 576,068	67 051,674	12,025	11,559
13	9	99 167	55 956,945	1 200 032,292	21,446	20,980	63	59	84 060	5 251,227	61 475,607	11,707	11,241
14	10	99 152	53 539,494	1 144 075,346	21,369	20,903	64	60	82 586	4 937,012	56 224,380	11,388	10,923
15	11	99 134	51 224,788	1 090 535,852	21,289	20,824	65	61	81 001	4 633,763	51 287,368	11,068	10,603
16	12	99 111	49 007,549	1 039 311,064	21,207	20,742	66	62	79 312	4 341,759	46 653,605	10,745	10,280
17	13	99 082	46 883,489	990 303,515	21,123	20,657	67	63	77 503	4 059,987	42 311,846	10,422	9,956
18	14	99 048	44 849,075	943 420,026	21,035	20,570	68	64	75 587	3 789,121	38 251,859	10,095	9,630
19	15	99 001	42 897,251	898 570,952	20,947	20,481	69	65	73 553	3 528,408	34 462,738	9,767	9,302
20	16	98 949	41 028,685	855 673,701	20,855	20,390	70	66	71 426	3 278,795	30 934,330	9,435	8,969
21	17	98 896	39 240,682	814 645,016	20,760	20,295	71	67	69 206	3 040,112	27 655,535	9,097	8,631
22	18	98 843	37 530,837	775 404,334	20,660	20,195	72	68	66 849	2 810,104	24 615,423	8,760	8,294
23	19	98 786	35 893,793	737 873,497	20,557	20,092	73	69	64 428	2 591,698	21 805,319	8,414	7,948
24	20	98 728	34 328,051	701 979,703	20,449	19,984	74	70	61 848	2 380,782	19 213,621	8,070	7,605
25	21	98 667	32 829,388	667 651,652	20,337	19,871	75	71	59 167	2 179,512	16 832,839	7,723	7,258
26	22	98 606	31 396,475	634 822,264	20,220	19,754	76	72	56 352	1 986,421	14 653,327	7,377	6,911
27	23	98 546	30 026,195	603 425,790	20,097	19,631	77	73	53 431	1 802,348	12 666,906	7,028	6,562
28	24	98 486	28 715,581	573 399,595	19,968	19,503	78	74	50 422	1 627,591	10 864,558	6,675	6,210
29	25	98 424	27 461,803	544 684,014	19,834	19,369	79	75	47 290	1 460,784	9 236,968	6,323	5,858
30	26	98 356	26 261,167	517 222,210	19,695	19,230	80	76	44 046	1 301,988	7 776,184	5,973	5,507
31	27	98 287	25 112,555	490 961,043	19,550	19,085	81	77	40 668	1 150,361	6 474,196	5,628	5,162
32	28	98 210	24 012,330	465 848,489	19,400	18,935	82	78	37 226	1 007,639	5 323,835	5,283	4,818
33	29	98 127	22 958,804	441 836,158	19,245	18,779	83	79	33 700	872,914	4 316,196	4,945	4,479
34	30	98 034	21 949,326	418 877,355	19,084	18,618	84	80	30 081	745,633	3 443,282	4,618	4,152
35	31	97 937	20 983,444	396 928,028	18,916	18,451	85	81	26 421	626,701	2 697,649	4,305	3,839
36	32	97 832	20 058,229	375 944,585	18,743	18,277	86	82	22 769	516,829	2 070,948	4,007	3,541
37	33	97 712	19 171,085	355 886,355	18,564	18,098	87	83	19 211	417,280	1 554,119	3,724	3,259
38	34	97 581	18 320,817	336 715,270	18,379	17,913	88	84	15 808	328,590	1 136,839	3,460	2,994
39	35	97 444	17 507,382	318 394,453	18,186	17,721	89	85	12 628	251,188	808,248	3,218	2,752
40	36	97 286	16 726,318	300 887,071	17,989	17,523	90	86	9 765	185,877	557,061	2,997	2,531
41	37	97 120	15 978,614	284 160,754	17,784	17,318	91	87	7 295	132,866	371,184	2,794	2,328
42	38	96 930	15 260,647	268 182,140	17,573	17,108	92	88	5 253	91,558	238,318	2,603	2,137
43	39	96 739	14 574,752	252 921,492	17,353	16,888	93	89	3 615	60,291	146,760	2,434	1,969
44	40	96 522	13 915,829	238 346,741	17,128	16,662	94	90	2 378	37,951	86,469	2,278	1,813
45	41	96 294	13 285,078	224 430,911	16,893	16,428	95	91	1 481	22,614	48,518	2,145	1,680
46	42	96 042	12 679,801	211 145,833	16,652	16,187	96	92	876	12,799	25,904	2,024	1,558
47	43	95 767	12 098,982	198 466,033	16,404	15,938	97	93	487	6,817	13,105	1,922	1,457
48	44	95 458	11 540,632	186 367,051	16,149	15,683	98	94	257	3,440	6,288	1,828	1,362
49	45	95 117	11 004,266	174 826,419	15,887	15,422	99	95	128	1,644	2,848	1,732	1,267
							100	96	59	0,726	1,204	1,657	1,192

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0							50	45	94 838	10 499,472	164 759,891	15,692	15,227
1							51	46	94 431	10 004,283	154 260,419	15,419	14,954
2							52	47	93 982	9 527,927	144 256,136	15,140	14,675
3							53	48	93 485	9 069,400	134 728,208	14,855	14,390
4							54	49	92 922	8 626,569	125 658,808	14,566	14,101
5	0	99 601	79 924,836	1 750 387,265	21,900	21,435	55	50	92 301	8 199,913	117 032,239	14,272	13,807
6	1	99 304	76 254,987	1 670 462,429	21,906	21,441	56	51	91 607	7 787,797	108 832,326	13,975	13,509
7	2	99 273	72 948,481	1 594 207,442	21,854	21,388	57	52	90 837	7 389,858	101 044,529	13,673	13,208
8	3	99 250	69 791,202	1 521 258,961	21,797	21,332	58	53	89 996	7 006,163	93 654,671	13,367	12,902
9	4	99 233	66 774,095	1 451 467,759	21,737	21,271	59	54	89 080	6 636,188	86 648,508	13,057	12,591
10	5	99 216	63 887,645	1 384 693,663	21,674	21,208	60	55	88 063	6 277,898	80 012,320	12,745	12,279
11	6	99 201	61 127,796	1 320 806,018	21,607	21,142	61	56	86 950	5 931,641	73 734,422	12,431	11,965
12	7	99 187	58 487,185	1 259 678,222	21,538	21,072	62	57	85 738	5 597,092	67 802,782	12,114	11,648
13	8	99 174	55 960,978	1 201 191,036	21,465	20,999	63	58	84 412	5 273,235	62 205,690	11,796	11,331
14	9	99 157	53 542,340	1 145 230,058	21,389	20,924	64	59	82 971	4 959,999	56 932,455	11,478	11,013
15	10	99 140	51 227,636	1 091 687,718	21,311	20,845	65	60	81 419	4 657,642	51 972,456	11,159	10,693
16	11	99 119	49 011,318	1 040 460,081	21,229	20,763	66	61	79 758	4 366,149	47 314,814	10,837	10,371
17	12	99 089	46 886,452	991 448,764	21,146	20,680	67	62	77 980	4 084,995	42 948,665	10,514	10,048
18	13	99 056	44 852,620	944 562,312	21,059	20,594	68	63	76 101	3 814,910	38 863,670	10,187	9,722
19	14	99 010	42 901,208	899 709,692	20,972	20,506	69	64	74 102	3 554,745	35 048,760	9,860	9,394
20	15	98 961	41 033,436	856 808,484	20,881	20,415	70	65	72 003	3 305,282	31 494,015	9,528	9,063
21	16	98 909	39 245,699	815 775,048	20,786	20,321	71	66	69 818	3 066,972	28 188,733	9,191	8,725
22	17	98 856	37 535,704	776 529,349	20,688	20,222	72	67	67 481	2 836,649	25 121,760	8,856	8,391
23	18	98 802	35 899,620	738 993,645	20,585	20,119	73	68	65 092	2 618,416	22 285,111	8,511	8,045
24	19	98 744	34 333,694	703 094,025	20,478	20,013	74	69	62 570	2 408,592	19 666,695	8,165	7,700
25	20	98 683	32 834,762	668 760,330	20,367	19,902	75	70	59 919	2 207,216	17 258,103	7,819	7,353
26	21	98 623	31 401,806	635 925,568	20,251	19,786	76	71	57 141	2 014,247	15 050,887	7,472	7,007
27	22	98 563	30 031,234	604 523,761	20,130	19,664	77	72	54 242	1 829,698	13 036,640	7,125	6,659
28	23	98 502	28 720,279	574 492,528	20,003	19,537	78	73	51 280	1 655,294	11 206,942	6,770	6,305
29	24	98 440	27 466,315	545 772,249	19,871	19,405	79	74	48 167	1 487,851	9 551,648	6,420	5,954
30	25	98 376	26 266,273	518 305,934	19,733	19,267	80	75	44 951	1 328,722	8 063,797	6,069	5,603
31	26	98 304	25 117,032	492 039,661	19,590	19,124	81	76	41 589	1 176,417	6 735,075	5,725	5,259
32	27	98 231	24 017,368	466 922,629	19,441	18,975	82	77	38 138	1 032,352	5 558,658	5,384	4,919
33	28	98 150	22 964,269	442 905,261	19,287	18,821	83	78	34 642	897,328	4 526,306	5,044	4,579
34	29	98 058	21 954,744	419 940,992	19,128	18,662	84	79	31 037	769,335	3 628,978	4,717	4,251
35	30	97 965	20 989,379	397 986,248	18,961	18,496	85	80	27 386	649,607	2 859,643	4,402	3,936
36	31	97 863	20 064,690	376 996,869	18,789	18,323	86	81	23 728	538,597	2 210,036	4,103	3,638
37	32	97 745	19 177,527	356 932,179	18,612	18,146	87	82	20 158	437,860	1 671,439	3,817	3,352
38	33	97 615	18 327,235	337 754,652	18,429	17,963	88	83	16 732	347,787	1 233,579	3,547	3,081
39	34	97 482	17 514,069	319 427,416	18,238	17,773	89	84	13 489	268,302	885,792	3,301	2,836
40	35	97 332	16 734,132	301 913,347	18,042	17,576	90	85	10 542	200,665	617,490	3,077	2,612
41	36	97 166	15 986,237	285 179,216	17,839	17,373	91	86	7 975	145,253	416,826	2,870	2,404
42	37	96 979	15 268,357	269 192,979	17,631	17,165	92	87	5 831	101,629	271,572	2,672	2,207
43	38	96 793	14 582,832	253 924,622	17,413	16,947	93	88	4 077	67,995	169,944	2,499	2,034
44	39	96 585	13 924,890	239 341,790	17,188	16,722	94	89	2 729	43,562	101,949	2,340	1,875
45	40	96 355	13 293,494	225 416,900	16,957	16,491	95	90	1 736	26,515	58,386	2,202	1,736
46	41	96 113	12 689,101	212 123,406	16,717	16,251	96	91	1 050	15,345	31,871	2,077	1,611
47	42	95 844	12 108,752	199 434,305	16,470	16,005	97	92	600	8,395	16,526	1,969	1,503
48	43	95 543	11 550,978	187 325,553	16,217	15,752	98	93	325	4,352	8,131	1,869	1,403
49	44	95 207	11 014,684	175 774,575	15,958	15,493	99	94	167	2,133	3,780	1,772	1,306
							100	95	79	0,974	1,647	1,691	1,225

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	10 509,412	165 619,634	15,759	15,294
1							51	45	94 533	10 015,056	155 110,222	15,488	15,022
2							52	46	94 094	9 539,224	145 095,165	15,210	14,745
3							53	47	93 607	9 081,200	135 555,942	14,927	14,461
4							54	48	93 063	8 639,676	126 474,742	14,639	14,173
5							55	49	92 456	8 213,745	117 835,066	14,346	13,880
6	0	99 592	76 476,146	1 671 793,670	21,860	21,395	56	50	91 776	7 802,184	109 621,320	14,050	13,584
7	1	99 295	72 964,709	1 595 317,524	21,864	21,399	57	51	91 026	7 405,235	101 819,137	13,750	13,284
8	2	99 263	69 800,374	1 522 352,815	21,810	21,344	58	52	90 195	7 021,641	94 413,901	13,446	12,981
9	3	99 243	66 780,753	1 452 552,440	21,751	21,285	59	53	89 301	6 652,677	87 392,260	13,136	12,671
10	4	99 225	63 893,527	1 385 771,687	21,689	21,223	60	54	88 306	6 295,236	80 739,583	12,826	12,360
11	5	99 208	61 131,950	1 321 878,160	21,623	21,158	61	55	87 221	5 950,160	74 444,346	12,511	12,046
12	6	99 195	58 491,456	1 260 746,210	21,554	21,089	62	56	86 029	5 616,084	68 494,187	12,196	11,730
13	7	99 179	55 963,644	1 202 254,754	21,483	21,017	63	57	84 730	5 293,117	62 878,103	11,879	11,414
14	8	99 165	53 546,199	1 146 291,110	21,408	20,942	64	58	83 318	4 980,787	57 584,986	11,561	11,096
15	9	99 145	51 230,359	1 092 744,911	21,330	20,864	65	59	81 798	4 679,328	52 604,199	11,242	10,776
16	10	99 125	49 014,043	1 041 514,552	21,249	20,784	66	60	80 169	4 388,649	47 924,871	10,920	10,455
17	11	99 096	46 890,058	992 500,509	21,167	20,701	67	61	78 418	4 107,943	43 536,222	10,598	10,132
18	12	99 062	44 855,455	945 610,452	21,081	20,616	68	62	76 570	3 838,409	39 428,280	10,272	9,806
19	13	99 018	42 904,599	900 754,997	20,994	20,529	69	63	74 607	3 578,939	35 589,871	9,944	9,479
20	14	98 970	41 037,222	857 850,398	20,904	20,439	70	64	72 540	3 329,953	32 010,932	9,613	9,147
21	15	98 920	39 250,243	816 813,176	20,810	20,345	71	65	70 382	3 091,748	28 680,979	9,277	8,811
22	16	98 869	37 540,503	777 562,933	20,713	20,247	72	66	68 077	2 861,711	25 589,230	8,942	8,476
23	17	98 815	35 904,275	740 022,430	20,611	20,145	73	67	65 707	2 643,151	22 727,519	8,599	8,133
24	18	98 760	34 339,268	704 118,155	20,505	20,039	74	68	63 215	2 433,423	20 084,368	8,254	7,788
25	19	98 699	32 840,160	669 778,886	20,395	19,930	75	69	60 619	2 232,999	17 650,945	7,905	7,439
26	20	98 639	31 406,947	636 938,726	20,280	19,815	76	70	57 868	2 039,850	15 417,946	7,558	7,093
27	21	98 580	30 036,334	605 531,779	20,160	19,694	77	71	55 002	1 855,329	13 378,096	7,211	6,745
28	22	98 518	28 725,098	575 495,445	20,035	19,569	78	72	52 058	1 680,412	11 522,768	6,857	6,391
29	23	98 456	27 470,808	546 770,347	19,904	19,438	79	73	48 986	1 513,176	9 842,355	6,504	6,039
30	24	98 392	26 270,589	519 299,538	19,767	19,302	80	74	45 784	1 353,342	8 329,179	6,155	5,689
31	25	98 324	25 121,916	493 028,950	19,625	19,160	81	75	42 443	1 200,573	6 975,837	5,810	5,345
32	26	98 248	24 021,649	467 907,034	19,479	19,013	82	76	39 002	1 055,735	5 775,264	5,470	5,005
33	27	98 171	22 969,087	443 885,385	19,325	18,860	83	77	35 492	919,336	4 719,529	5,134	4,668
34	28	98 081	21 959,970	420 916,298	19,167	18,702	84	78	31 905	790,852	3 800,194	4,805	4,340
35	29	97 989	20 994,560	398 956,328	19,003	18,537	85	79	28 257	670,257	3 009,342	4,490	4,024
36	30	97 891	20 070,366	377 961,768	18,832	18,366	86	80	24 595	558,283	2 339,085	4,190	3,724
37	31	97 777	19 183,704	357 891,402	18,656	18,190	87	81	21 007	456,302	1 780,802	3,903	3,437
38	32	97 648	18 333,394	338 707,698	18,475	18,009	88	82	17 557	364,940	1 324,501	3,629	3,164
39	33	97 516	17 520,205	320 374,304	18,286	17,820	89	83	14 277	283,977	959,561	3,379	2,913
40	34	97 369	16 740,523	302 854,099	18,091	17,625	90	84	11 261	214,337	675,585	3,152	2,686
41	35	97 211	15 993,705	286 113,576	17,889	17,424	91	85	8 609	156,809	461,248	2,941	2,476
42	36	97 025	15 275,641	270 119,871	17,683	17,217	92	86	6 374	111,104	304,439	2,740	2,275
43	37	96 842	14 590,199	254 844,230	17,467	17,001	93	87	4 525	75,474	193,335	2,562	2,096
44	38	96 638	13 932,610	240 254,031	17,244	16,778	94	88	3 078	49,129	117,861	2,399	1,933
45	39	96 417	13 302,149	226 321,421	17,014	16,548	95	89	1 993	30,435	68,733	2,258	1,793
46	40	96 173	12 697,140	213 019,271	16,777	16,311	96	90	1 231	17,992	38,297	2,129	1,663
47	41	95 914	12 117,633	200 322,131	16,531	16,066	97	91	720	10,065	20,306	2,017	1,552
48	42	95 621	11 560,305	188 204,498	16,280	15,815	98	92	400	5,359	10,240	1,911	1,445
49	43	95 293	11 024,559	176 644,193	16,023	15,557	99	93	211	2,698	4,882	1,809	1,344
							100	94	103	1,264	2,183	1,727	1,261

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	10 518,834	166 407,568	15,820	15,354
1							51	44	94 623	10 024,538	155 888,734	15,551	15,085
2							52	45	94 195	9 549,496	145 864,196	15,275	14,809
3							53	46	93 718	9 091,967	136 314,701	14,993	14,527
4							54	47	93 184	8 650,917	127 222,734	14,706	14,241
5							55	48	92 597	8 226,225	118 571,817	14,414	13,948
6							56	49	91 931	7 815,345	110 345,592	14,119	13,653
7	0	99 583	73 176,325	1 596 546,987	21,818	21,352	57	50	91 195	7 418,915	102 530,247	13,820	13,354
8	1	99 285	69 815,902	1 523 370,662	21,820	21,354	58	51	90 383	7 036,252	95 111,332	13,517	13,052
9	2	99 256	66 789,530	1 453 554,759	21,763	21,298	59	52	89 499	6 667,375	88 075,079	13,210	12,744
10	3	99 235	63 899,898	1 386 765,230	21,702	21,237	60	53	88 525	6 310,878	81 407,704	12,900	12,434
11	4	99 217	61 137,578	1 322 865,332	21,638	21,172	61	54	87 462	5 966,593	75 096,826	12,586	12,121
12	5	99 201	58 495,431	1 261 727,754	21,570	21,104	62	55	86 297	5 633,617	69 130,233	12,271	11,805
13	6	99 186	55 967,730	1 203 232,324	21,499	21,033	63	56	85 018	5 311,077	63 496,615	11,956	11,490
14	7	99 169	53 548,749	1 147 264,593	21,425	20,959	64	57	83 632	4 999,566	58 185,538	11,638	11,173
15	8	99 152	51 234,052	1 093 715,844	21,347	20,882	65	58	82 141	4 698,940	53 185,971	11,319	10,853
16	9	99 130	49 016,648	1 042 481,792	21,268	20,802	66	59	80 542	4 409,082	48 487,032	10,997	10,531
17	10	99 102	46 892,665	993 465,144	21,186	20,720	67	60	78 822	4 129,112	44 077,950	10,675	10,209
18	11	99 070	44 858,904	946 572,480	21,101	20,635	68	61	77 000	3 859,971	39 948,838	10,350	9,884
19	12	99 024	42 907,311	901 713,575	21,015	20,550	69	62	75 066	3 600,984	36 088,867	10,022	9,556
20	13	98 978	41 040,465	858 806,264	20,926	20,460	70	63	73 034	3 352,618	32 487,883	9,690	9,225
21	14	98 929	39 253,864	817 765,799	20,833	20,367	71	64	70 907	3 114,826	29 135,265	9,354	8,888
22	15	98 880	37 544,850	778 511,935	20,736	20,270	72	65	68 627	2 884,830	26 020,439	9,020	8,554
23	16	98 827	35 908,866	740 967,085	20,635	20,169	73	66	66 287	2 666,503	23 135,610	8,676	8,211
24	17	98 773	34 343,721	705 058,219	20,529	20,064	74	67	63 813	2 456,410	20 469,107	8,333	7,867
25	18	98 715	32 845,492	670 714,498	20,420	19,955	75	68	61 244	2 256,019	18 012,697	7,984	7,519
26	19	98 655	31 412,110	637 869,006	20,306	19,841	76	69	58 544	2 063,678	15 756,678	7,635	7,170
27	20	98 596	30 041,251	606 456,896	20,187	19,722	77	70	55 701	1 878,912	13 693,000	7,288	6,822
28	21	98 535	28 729,976	576 415,645	20,063	19,598	78	71	52 787	1 703,952	11 814,087	6,933	6,468
29	22	98 473	27 475,418	547 685,668	19,934	19,468	79	72	49 730	1 536,138	10 110,136	6,582	6,116
30	23	98 408	26 274,886	520 210,250	19,799	19,333	80	73	46 563	1 376,377	8 573,998	6,229	5,764
31	24	98 340	25 126,043	493 935,364	19,658	19,193	81	74	43 230	1 222,818	7 197,621	5,886	5,420
32	25	98 267	24 026,320	468 809,321	19,512	19,047	82	75	39 803	1 077,413	5 974,802	5,546	5,080
33	26	98 188	22 973,181	444 783,000	19,361	18,895	83	76	36 296	940,159	4 897,390	5,209	4,743
34	27	98 102	21 964,577	421 809,819	19,204	18,738	84	77	32 688	810,248	3 957,231	4,884	4,418
35	28	98 012	20 999,558	399 845,242	19,041	18,575	85	78	29 047	689,003	3 146,983	4,567	4,102
36	29	97 915	20 075,320	378 845,684	18,871	18,406	86	79	25 377	576,029	2 457,980	4,267	3,801
37	30	97 804	19 189,131	358 770,364	18,697	18,231	87	80	21 775	472,980	1 881,951	3,979	3,513
38	31	97 679	18 339,299	339 581,234	18,517	18,051	88	81	18 297	380,310	1 408,971	3,705	3,239
39	32	97 548	17 526,092	321 241,935	18,329	17,864	89	82	14 981	297,982	1 028,661	3,452	2,986
40	33	97 403	16 746,388	303 715,843	18,136	17,671	90	83	11 918	226,858	730,679	3,221	2,755
41	34	97 248	15 999,814	286 969,455	17,936	17,470	91	84	9 196	167,493	503,820	3,008	2,542
42	35	97 070	15 282,777	270 969,641	17,730	17,265	92	85	6 881	119,943	336,327	2,804	2,338
43	36	96 888	14 597,160	255 686,864	17,516	17,051	93	86	4 947	82,510	216,385	2,623	2,157
44	37	96 687	13 939,648	241 089,704	17,295	16,830	94	87	3 417	54,533	133,874	2,455	1,989
45	38	96 471	13 309,524	227 150,055	17,067	16,601	95	88	2 247	34,324	79,342	2,312	1,846
46	39	96 236	12 705,407	213 840,531	16,831	16,365	96	89	1 413	20,652	45,017	2,180	1,714
47	40	95 975	12 125,310	201 135,124	16,588	16,122	97	90	844	11,801	24,365	2,065	1,599
48	41	95 691	11 568,785	189 009,814	16,338	15,872	98	91	480	6,425	12,564	1,956	1,490
49	42	95 370	11 033,461	177 441,029	16,082	15,616	99	92	259	3,323	6,139	1,848	1,382
							100	93	130	1,599	2,816	1,761	1,296

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	10 527,328	167 129,114	15,876	15,410
1							51	43	94 707	10 033,525	156 601,785	15,608	15,142
2							52	44	94 284	9 558,537	146 568,261	15,334	14,868
3							53	45	93 819	9 101,757	137 009,724	15,053	14,587
4							54	46	93 295	8 661,173	127 907,967	14,768	14,302
5							55	47	92 717	8 236,928	119 246,794	14,477	14,011
6							56	48	92 070	7 827,220	111 009,866	14,183	13,717
7							57	49	91 348	7 431,430	103 182,646	13,885	13,419
8	0	99 573	70 018,387	1 524 506,004	21,773	21,307	58	50	90 550	7 049,250	95 751,215	13,583	13,118
9	1	99 278	66 804,388	1 454 487,617	21,772	21,307	59	51	89 685	6 681,249	88 701,965	13,276	12,811
10	2	99 248	63 908,295	1 387 683,229	21,714	21,248	60	52	88 721	6 324,821	82 020,716	12,968	12,502
11	3	99 227	61 143,674	1 323 774,934	21,650	21,185	61	53	87 679	5 981,419	75 695,895	12,655	12,190
12	4	99 210	58 500,816	1 262 631,260	21,583	21,118	62	54	86 536	5 649,177	69 714,477	12,341	11,875
13	5	99 193	55 971,533	1 204 130,444	21,513	21,048	63	55	85 283	5 327,659	64 065,300	12,025	11,559
14	6	99 177	53 552,660	1 148 158,911	21,440	20,974	64	56	83 916	5 016,530	58 737,641	11,709	11,243
15	7	99 157	51 236,492	1 094 606,252	21,364	20,898	65	57	82 450	4 716,657	53 721,111	11,390	10,924
16	8	99 137	49 020,181	1 043 369,760	21,284	20,819	66	58	80 880	4 427,561	49 004,454	11,068	10,602
17	9	99 107	46 895,157	994 349,579	21,204	20,738	67	59	79 189	4 148,337	44 576,893	10,746	10,280
18	10	99 075	44 861,398	947 454,422	21,120	20,654	68	60	77 397	3 879,863	40 428,556	10,420	9,954
19	11	99 032	42 910,611	902 593,023	21,034	20,569	69	61	75 488	3 621,213	36 548,693	10,093	9,627
20	12	98 984	41 043,059	859 682,412	20,946	20,480	70	62	73 484	3 373,268	32 927,480	9,761	9,296
21	13	98 937	39 256,967	818 639,353	20,853	20,388	71	63	71 390	3 136,026	29 554,212	9,424	8,958
22	14	98 889	37 548,314	779 382,386	20,757	20,291	72	64	69 139	2 906,362	26 418,186	9,090	8,624
23	15	98 839	35 913,024	741 834,072	20,656	20,191	73	65	66 823	2 688,044	23 511,824	8,747	8,281
24	16	98 786	34 348,112	705 921,049	20,552	20,086	74	66	64 376	2 478,113	20 823,780	8,403	7,937
25	17	98 728	32 849,751	671 572,936	20,444	19,978	75	67	61 823	2 277,330	18 345,667	8,056	7,590
26	18	98 671	31 417,210	638 723,186	20,330	19,865	76	68	59 147	2 084,953	16 068,337	7,707	7,241
27	19	98 612	30 046,190	607 305,976	20,212	19,747	77	69	56 351	1 900,860	13 983,384	7,356	6,891
28	20	98 551	28 734,680	577 259,786	20,089	19,624	78	70	53 458	1 725,611	12 082,524	7,002	6,536
29	21	98 490	27 480,084	548 525,106	19,961	19,495	79	71	50 426	1 557,656	10 356,913	6,649	6,183
30	22	98 424	26 279,295	521 045,022	19,827	19,362	80	72	47 270	1 397,263	8 799,257	6,297	5,832
31	23	98 356	25 130,153	494 765,727	19,688	19,223	81	73	43 965	1 243,632	7 401,993	5,952	5,486
32	24	98 283	24 030,268	469 635,573	19,544	19,078	82	74	40 541	1 097,376	6 158,361	5,612	5,146
33	25	98 207	22 977,649	445 605,306	19,393	18,927	83	75	37 041	959,463	5 060,985	5,275	4,809
34	26	98 119	21 968,493	422 627,657	19,238	18,772	84	76	33 428	828,600	4 101,522	4,950	4,484
35	27	98 033	21 003,963	400 659,164	19,075	18,610	85	77	29 760	705,901	3 272,922	4,637	4,171
36	28	97 938	20 080,099	379 655,201	18,907	18,441	86	78	26 087	592,140	2 567,021	4,335	3,870
37	29	97 828	19 193,867	359 575,102	18,734	18,268	87	79	22 467	488,015	1 974,881	4,047	3,581
38	30	97 707	18 344,487	340 381,235	18,555	18,089	88	80	18 965	394,211	1 486,866	3,772	3,306
39	31	97 580	17 531,737	322 036,749	18,369	17,903	89	81	15 612	310,533	1 092,655	3,519	3,053
40	32	97 436	16 752,015	304 505,011	18,177	17,712	90	82	12 506	238,047	782,123	3,286	2,820
41	33	97 283	16 005,419	287 752,996	17,978	17,513	91	83	9 733	177,278	544,076	3,069	2,603
42	34	97 107	15 288,614	271 747,577	17,775	17,309	92	84	7 350	128,115	366,798	2,863	2,397
43	35	96 933	14 603,979	256 458,963	17,561	17,095	93	85	5 340	89,074	238,683	2,680	2,214
44	36	96 733	13 946,299	241 854,983	17,342	16,876	94	86	3 735	59,617	149,608	2,509	2,044
45	37	96 519	13 316,248	227 908,685	17,115	16,649	95	87	2 494	38,100	89,992	2,362	1,896
46	38	96 289	12 712,451	214 592,437	16,880	16,415	96	88	1 593	23,291	51,892	2,228	1,762
47	39	96 038	12 133,205	201 879,986	16,639	16,173	97	89	968	13,546	28,601	2,111	1,646
48	40	95 751	11 576,114	189 746,781	16,391	15,926	98	90	563	7,533	15,055	1,998	1,533
49	41	95 440	11 041,554	178 170,667	16,136	15,671	99	91	311	3,984	7,522	1,888	1,422
							100	92	161	1,969	3,538	1,797	1,331

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	10 535,050	167 789,482	15,927	15,461
1							51	42	94 784	10 041,627	157 254,432	15,660	15,195
2							52	43	94 369	9 567,106	147 212,805	15,387	14,922
3							53	44	93 907	9 110,374	137 645,700	15,109	14,643
4							54	45	93 395	8 670,500	128 535,325	14,824	14,359
5							55	46	92 827	8 246,694	119 864,826	14,535	14,069
6							56	47	92 190	7 837,404	111 618,132	14,242	13,776
7							57	48	91 487	7 442,722	103 780,728	13,944	13,478
8							58	49	90 703	7 061,142	96 338,007	13,643	13,178
9	0	99 566	66 998,138	1 455 536,038	21,725	21,259	59	50	89 850	6 693,591	89 276,865	13,338	12,872
10	1	99 270	63 922,513	1 388 537,900	21,722	21,257	60	51	88 905	6 337,982	82 583,274	13,030	12,564
11	2	99 240	61 151,709	1 324 615,388	21,661	21,196	61	52	87 873	5 994,633	76 245,292	12,719	12,253
12	3	99 220	58 506,649	1 263 463,678	21,595	21,130	62	53	86 751	5 663,214	70 250,659	12,405	11,939
13	4	99 202	55 976,686	1 204 957,029	21,526	21,060	63	54	85 519	5 342,373	64 587,445	12,090	11,624
14	5	99 183	53 556,298	1 148 980,343	21,454	20,988	64	55	84 178	5 032,192	59 245,072	11,773	11,308
15	6	99 164	51 240,233	1 095 424,045	21,378	20,913	65	56	82 730	4 732,661	54 212,879	11,455	10,989
16	7	99 142	49 022,516	1 044 183,812	21,300	20,834	66	57	81 185	4 444,255	49 480,219	11,134	10,668
17	8	99 114	46 898,537	995 161,296	21,219	20,754	67	58	79 521	4 165,723	45 035,964	10,811	10,345
18	9	99 081	44 863,783	948 262,759	21,136	20,671	68	59	77 757	3 897,927	40 870,241	10,485	10,020
19	10	99 037	42 912,997	903 398,976	21,052	20,586	69	60	75 877	3 639,874	36 972,313	10,158	9,692
20	11	98 992	41 046,216	860 485,980	20,964	20,498	70	61	73 897	3 392,218	33 332,440	9,826	9,361
21	12	98 943	39 259,448	819 439,764	20,872	20,407	71	62	71 830	3 155,342	29 940,222	9,489	9,023
22	13	98 897	37 551,282	780 180,316	20,776	20,311	72	63	69 610	2 926,144	26 784,879	9,154	8,688
23	14	98 848	35 916,337	742 629,034	20,677	20,211	73	64	67 322	2 708,108	23 858,736	8,810	8,344
24	15	98 797	34 352,089	706 712,697	20,573	20,107	74	65	64 896	2 498,132	21 150,628	8,467	8,001
25	16	98 740	32 853,951	672 360,607	20,465	20,000	75	66	62 369	2 297,451	18 652,496	8,119	7,653
26	17	98 684	31 421,284	639 506,657	20,353	19,887	76	67	59 706	2 104,648	16 355,045	7,771	7,305
27	18	98 628	30 051,068	608 085,373	20,235	19,769	77	68	56 932	1 920,456	14 250,397	7,420	6,955
28	19	98 568	28 739,403	578 034,305	20,113	19,647	78	69	54 083	1 745,768	12 329,940	7,063	6,597
29	20	98 506	27 484,583	549 294,902	19,986	19,520	79	70	51 067	1 577,456	10 584,172	6,710	6,244
30	21	98 441	26 283,758	521 810,319	19,853	19,387	80	71	47 932	1 416,836	9 006,716	6,357	5,891
31	22	98 372	25 134,370	495 526,561	19,715	19,249	81	72	44 633	1 262,504	7 589,880	6,012	5,546
32	23	98 299	24 034,199	470 392,190	19,572	19,106	82	73	41 231	1 116,054	6 327,376	5,669	5,204
33	24	98 223	22 981,424	446 357,991	19,423	18,957	83	74	37 727	977,242	5 211,322	5,333	4,867
34	25	98 138	21 972,765	423 376,568	19,268	18,803	84	75	34 115	845,614	4 234,080	5,007	4,541
35	26	98 050	21 007,707	401 403,803	19,107	18,642	85	76	30 434	721,890	3 388,466	4,694	4,228
36	27	97 959	20 084,311	380 396,095	18,940	18,474	86	77	26 727	606,663	2 666,576	4,395	3,930
37	28	97 852	19 198,436	360 311,784	18,768	18,302	87	78	23 096	501,664	2 059,914	4,106	3,641
38	29	97 731	18 349,014	341 113,348	18,590	18,125	88	79	19 568	406,742	1 558,250	3,831	3,365
39	30	97 607	17 536,696	322 764,334	18,405	17,939	89	80	16 183	321,883	1 151,509	3,577	3,112
40	31	97 467	16 757,411	305 227,637	18,214	17,749	90	81	13 033	248,073	829,626	3,344	2,879
41	32	97 315	16 010,798	288 470,226	18,017	17,552	91	82	10 213	186,021	581,553	3,126	2,661
42	33	97 141	15 293,971	272 459,428	17,815	17,349	92	83	7 780	135,599	395,531	2,917	2,451
43	34	96 970	14 609,557	257 165,458	17,603	17,137	93	84	5 704	95,143	259,932	2,732	2,266
44	35	96 778	13 952,814	242 555,901	17,384	16,918	94	85	4 032	64,360	164,789	2,560	2,095
45	36	96 566	13 322,601	228 603,087	17,159	16,693	95	86	2 727	41,652	100,429	2,411	1,946
46	37	96 338	12 718,873	215 280,486	16,926	16,460	96	87	1 769	25,853	58,777	2,274	1,808
47	38	96 091	12 139,932	202 561,613	16,686	16,220	97	88	1 092	15,277	32,924	2,155	1,690
48	39	95 814	11 583,651	190 421,681	16,439	15,973	98	89	646	8,647	17,647	2,041	1,575
49	40	95 500	11 048,549	178 838,031	16,187	15,721	99	90	365	4,671	9,000	1,927	1,461
							100	91	193	2,361	4,329	1,834	1,368

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	40	95 220	10 541,724	168 393,226	15,974	15,508
							51	41	94 853	10 048,992	157 851,502	15,708	15,243
							52	42	94 445	9 574,831	147 802,510	15,437	14,971
							53	43	93 992	9 118,542	138 227,678	15,159	14,693
							54	44	93 483	8 678,709	129 109,137	14,877	14,411
							55	45	92 927	8 255,574	120 430,428	14,588	14,122
							56	46	92 299	7 846,696	112 174,854	14,296	13,830
							57	47	91 606	7 452,405	104 328,159	13,999	13,534
							58	48	90 840	7 071,871	96 875,754	13,699	13,233
							59	49	90 002	6 704,882	89 803,883	13,394	12,928
10	0	99 558	64 107,904	1 389 506,123	21,674	21,209	60	50	89 070	6 349,690	83 099,001	13,087	12,621
11	1	99 262	61 165,313	1 325 398,219	21,669	21,204	61	51	88 056	6 007,107	76 749,311	12,776	12,311
12	2	99 233	58 514,338	1 264 232,905	21,606	21,140	62	52	86 942	5 675,725	70 742,203	12,464	11,998
13	3	99 212	55 982,267	1 205 718,568	21,538	21,072	63	53	85 731	5 355,648	65 066,478	12,149	11,684
14	4	99 192	53 561,229	1 149 736,300	21,466	21,000	64	54	84 411	5 046,091	59 710,830	11,833	11,367
15	5	99 171	51 243,715	1 096 175,071	21,391	20,926	65	55	82 989	4 747,436	54 664,740	11,515	11,049
16	6	99 149	49 026,095	1 044 931,356	21,314	20,848	66	56	81 460	4 459,335	49 917,303	11,194	10,728
17	7	99 119	46 900,771	995 905,261	21,234	20,769	67	57	79 821	4 181,430	45 457,969	10,871	10,406
18	8	99 088	44 867,016	949 004,490	21,151	20,686	68	58	78 083	3 914,264	41 276,539	10,545	10,080
19	9	99 042	42 915,278	904 137,474	21,068	20,602	69	59	76 230	3 656,821	37 362,275	10,217	9,752
20	10	98 997	41 048,498	861 222,196	20,981	20,515	70	60	74 277	3 409,699	33 705,454	9,885	9,420
21	11	98 951	39 262,468	820 173,698	20,890	20,424	71	61	72 233	3 173,068	30 295,755	9,548	9,082
22	12	98 903	37 553,655	780 911,231	20,795	20,329	72	62	70 038	2 944,167	27 122,687	9,212	8,747
23	13	98 856	35 919,176	743 357,576	20,695	20,230	73	63	67 780	2 726,540	24 178,520	8,868	8,402
24	14	98 806	34 355,259	707 438,400	20,592	20,126	74	64	65 381	2 516,778	21 451,980	8,524	8,058
25	15	98 752	32 857,755	673 083,141	20,485	20,019	75	65	62 873	2 316,011	18 935,202	8,176	7,710
26	16	98 697	31 425,301	640 225,386	20,373	19,907	76	66	60 233	2 123,243	16 619,191	7,827	7,362
27	17	98 641	30 054,964	608 800,085	20,256	19,791	77	67	57 470	1 938,598	14 495,948	7,478	7,012
28	18	98 584	28 744,069	578 745,121	20,134	19,669	78	68	54 640	1 763,766	12 557,351	7,120	6,654
29	19	98 522	27 489,101	550 001,051	20,008	19,542	79	69	51 664	1 595,882	10 793,585	6,763	6,298
30	20	98 457	26 288,061	522 511,950	19,876	19,411	80	70	48 541	1 434,846	9 197,703	6,410	5,945
31	21	98 389	25 138,639	496 223,889	19,739	19,274	81	71	45 258	1 280,189	7 762,856	6,064	5,598
32	22	98 316	24 038,232	471 085,250	19,597	19,132	82	72	41 856	1 132,990	6 482,668	5,722	5,256
33	23	98 239	22 985,183	447 047,018	19,449	18,984	83	73	38 369	993,875	5 349,677	5,383	4,917
34	24	98 154	21 976,375	424 061,835	19,296	18,831	84	74	34 747	861,283	4 355,802	5,057	4,592
35	25	98 069	21 011,792	402 085,460	19,136	18,671	85	75	31 059	736,712	3 494,519	4,743	4,278
36	26	97 976	20 087,892	381 073,668	18,970	18,505	86	76	27 332	620,404	2 757,807	4,445	3,980
37	27	97 872	19 202,464	360 985,776	18,799	18,333	87	77	23 662	513,967	2 137,403	4,159	3,693
38	28	97 754	18 353,382	341 783,312	18,622	18,157	88	78	20 116	418,118	1 623,436	3,883	3,417
39	29	97 632	17 541,025	323 429,930	18,438	17,973	89	79	16 697	332,115	1 205,318	3,629	3,164
40	30	97 495	16 762,151	305 888,905	18,249	17,783	90	80	13 509	257,140	873,204	3,396	2,930
41	31	97 347	16 015,955	289 126,754	18,052	17,587	91	81	10 643	193,856	616,064	3,178	2,712
42	32	97 174	15 299,110	273 110,799	17,851	17,386	92	82	8 163	142,287	422,207	2,967	2,502
43	33	97 004	14 614,675	257 811,689	17,641	17,175	93	83	6 037	100,702	279,920	2,780	2,314
44	34	96 815	13 958,143	243 197,014	17,423	16,958	94	84	4 307	68,745	179,219	2,607	2,141
45	35	96 611	13 328,825	229 238,871	17,199	16,733	95	85	2 944	44,966	110,474	2,457	1,991
46	36	96 384	12 724,941	215 910,046	16,967	16,502	96	86	1 934	28,263	65,508	2,318	1,852
47	37	96 139	12 146,065	203 185,105	16,728	16,263	97	87	1 212	16,957	37,245	2,196	1,731
48	38	95 867	11 590,073	191 039,041	16,483	16,017	98	88	729	9,752	20,288	2,080	1,615
49	39	95 562	11 055,742	179 448,968	16,231	15,766	99	89	419	5,362	10,536	1,965	1,499
							100	90	226	2,768	5,174	1,869	1,404

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	39	95 282	10 548,587	168 945,760	16,016	15,550
							51	40	94 914	10 055,359	158 397,173	15,753	15,287
							52	41	94 514	9 581,854	148 341,814	15,482	15,016
							53	42	94 067	9 125,905	138 759,960	15,205	14,739
							54	43	93 567	8 686,489	129 634,055	14,924	14,458
							55	44	93 015	8 263,390	120 947,566	14,637	14,171
							56	45	92 399	7 855,145	112 684,176	14,345	13,880
							57	46	91 715	7 461,241	104 829,031	14,050	13,584
							58	47	90 959	7 081,071	97 367,791	13,750	13,285
							59	48	90 139	6 715,070	90 286,719	13,445	12,980
							60	49	89 220	6 360,401	83 571,649	13,139	12,674
	0	99 550	61 342,709	1 326 292,499	21,621	21,155	61	50	88 219	6 018,204	77 211,248	12,830	12,364
	1	99 255	58 527,355	1 264 949,790	21,613	21,147	62	51	87 123	5 687,535	71 193,044	12,517	12,052
	2	99 225	55 989,625	1 206 422,435	21,547	21,082	63	52	85 920	5 367,480	65 505,508	12,204	11,739
	3	99 202	53 566,569	1 150 432,811	21,477	21,011	64	53	84 620	5 058,629	60 138,028	11,888	11,423
	4	99 180	51 248,433	1 096 866,241	21,403	20,937	65	54	83 218	4 760,548	55 079,399	11,570	11,104
	5	99 156	49 029,426	1 045 617,808	21,326	20,861	66	55	81 714	4 473,257	50 318,851	11,249	10,783
	6	99 126	46 904,196	996 588,382	21,247	20,782	67	56	80 092	4 195,617	45 845,594	10,927	10,461
	7	99 093	44 869,153	949 684,186	21,166	20,700	68	57	78 378	3 929,022	41 649,977	10,601	10,135
	8	99 050	42 918,371	904 815,033	21,082	20,617	69	58	76 550	3 672,147	37 720,954	10,272	9,807
	9	99 003	41 050,680	861 896,662	20,996	20,530	70	59	74 623	3 425,575	34 048,807	9,940	9,474
	10	98 956	39 264,650	820 845,983	20,905	20,440	71	60	72 605	3 189,419	30 623,232	9,602	9,136
	11	98 911	37 556,543	781 581,332	20,811	20,345	72	61	70 432	2 960,707	27 433,813	9,266	8,800
	12	98 862	35 921,446	744 024,789	20,713	20,247	73	62	68 197	2 743,334	24 473,107	8,921	8,455
	13	98 814	34 357,974	708 103,343	20,610	20,144	74	63	65 826	2 533,908	21 729,772	8,576	8,110
	14	98 761	32 860,786	673 745,368	20,503	20,037	75	64	63 342	2 333,298	19 195,864	8,227	7,761
	15	98 708	31 428,940	640 884,582	20,392	19,926	76	65	60 720	2 140,395	16 862,567	7,878	7,413
	16	98 653	30 058,807	609 455,642	20,275	19,810	77	66	57 978	1 955,725	14 722,171	7,528	7,062
	17	98 596	28 747,796	579 396,835	20,154	19,689	78	67	55 156	1 780,427	12 766,446	7,170	6,705
	18	98 538	27 493,564	550 649,039	20,028	19,563	79	68	52 197	1 612,335	10 986,019	6,814	6,348
	19	98 473	26 292,383	523 155,475	19,898	19,432	80	69	49 108	1 451,607	9 373,685	6,457	5,992
	20	98 405	25 142,754	496 863,092	19,762	19,296	81	70	45 833	1 296,462	7 922,078	6,111	5,645
	21	98 333	24 042,314	471 720,338	19,620	19,155	82	71	42 443	1 148,861	6 625,616	5,767	5,302
	22	98 256	22 989,040	447 678,024	19,474	19,008	83	72	38 952	1 008,957	5 476,755	5,428	4,963
	23	98 170	21 979,970	424 688,983	19,322	18,856	84	73	35 338	875,942	4 467,798	5,101	4,635
	24	98 085	21 015,245	402 709,014	19,163	18,697	85	74	31 634	750,363	3 591,855	4,787	4,321
	25	97 995	20 091,798	381 693,769	18,997	18,532	86	75	27 893	633,143	2 841,492	4,488	4,022
	26	97 890	19 205,887	361 601,971	18,828	18,362	87	76	24 198	525,609	2 208,350	4,202	3,736
	27	97 775	18 357,233	342 396,084	18,652	18,186	88	77	20 609	428,372	1 682,741	3,928	3,463
	28	97 655	17 545,201	324 038,851	18,469	18,003	89	78	17 164	341,403	1 254,369	3,674	3,209
	29	97 519	16 766,289	306 493,651	18,280	17,815	90	79	13 939	265,314	912,965	3,441	2,975
	30	97 374	16 020,485	289 727,362	18,085	17,619	91	80	11 032	200,942	647,651	3,223	2,757
	31	97 205	15 304,038	273 706,877	17,885	17,419	92	81	8 507	148,280	446,710	3,013	2,547
	32	97 037	14 619,586	258 402,840	17,675	17,209	93	82	6 335	105,668	298,430	2,824	2,359
	33	96 849	13 963,033	243 783,253	17,459	16,994	94	83	4 559	72,761	192,761	2,649	2,184
	34	96 648	13 333,916	229 820,220	17,236	16,770	95	84	3 145	48,029	120,000	2,498	2,033
	35	96 429	12 730,885	216 486,304	17,005	16,539	96	85	2 087	30,511	71,971	2,359	1,893
	36	96 185	12 151,859	203 755,419	16,767	16,302	97	86	1 325	18,538	41,460	2,236	1,771
	37	95 915	11 595,928	191 603,560	16,523	16,058	98	87	809	10,824	22,921	2,118	1,652
	38	95 615	11 061,872	180 007,632	16,273	15,807	99	88	472	6,047	12,097	2,001	1,535
							100	89	259	3,177	6,050	1,904	1,438

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	10 554,436	169 450,871	16,055	15,589
1							51	39	94 975	10 061,905	158 896,436	15,792	15,326
2							52	40	94 574	9 587,925	148 834,530	15,523	15,058
3							53	41	94 136	9 132,598	139 246,606	15,247	14,782
4							54	42	93 643	8 693,503	130 114,007	14,967	14,501
5							55	43	93 099	8 270,798	121 420,504	14,681	14,215
6							56	44	92 486	7 862,582	113 149,706	14,391	13,925
7							57	45	91 814	7 469,275	105 287,124	14,096	13,630
8							58	46	91 066	7 089,467	97 817,849	13,798	13,332
9							59	47	90 256	6 723,807	90 728,382	13,494	13,028
10							60	48	89 356	6 370,065	84 004,576	13,187	12,722
11							61	49	88 368	6 028,356	77 634,510	12,878	12,413
12	0	99 543	58 697,100	1 265 775,922	21,565	21,099	62	50	87 284	5 698,042	71 606,154	12,567	12,101
13	1	99 247	56 002,080	1 207 078,823	21,554	21,089	63	51	86 099	5 378,649	65 908,112	12,254	11,788
14	2	99 215	53 573,609	1 151 076,743	21,486	21,020	64	52	84 807	5 069,805	60 529,463	11,939	11,474
15	3	99 190	51 253,543	1 097 503,133	21,413	20,948	65	53	83 425	4 772,377	55 459,658	11,621	11,155
16	4	99 165	49 033,940	1 046 249,591	21,337	20,872	66	54	81 940	4 485,612	50 687,281	11,300	10,834
17	5	99 133	46 907,383	997 215,651	21,259	20,794	67	55	80 342	4 208,717	46 201,669	10,978	10,512
18	6	99 100	44 872,430	950 308,268	21,178	20,712	68	56	78 644	3 942,354	41 992,953	10,652	10,186
19	7	99 054	42 920,415	905 435,838	21,096	20,630	69	57	76 838	3 685,993	38 050,599	10,323	9,857
20	8	99 010	41 053,638	862 515,423	21,009	20,544	70	58	74 936	3 439,931	34 364,606	9,990	9,524
21	9	98 962	39 266,738	821 461,785	20,920	20,454	71	59	72 943	3 204,269	30 924,675	9,651	9,185
22	10	98 916	37 558,631	782 195,047	20,826	20,360	72	60	70 795	2 975,964	27 720,406	9,315	8,849
23	11	98 869	35 924,209	744 636,416	20,728	20,262	73	61	68 581	2 758,745	24 744,442	8,969	8,504
24	12	98 820	34 360,146	708 712,207	20,626	20,160	74	62	66 231	2 549,516	21 985,697	8,623	8,158
25	13	98 769	32 863,384	674 352,062	20,520	20,054	75	63	63 773	2 349,178	19 436,181	8,274	7,808
26	14	98 717	31 431,839	641 488,678	20,409	19,943	76	64	61 173	2 156,372	17 087,002	7,924	7,458
27	15	98 665	30 062,287	610 056,838	20,293	19,827	77	65	58 446	1 971,525	14 930,631	7,573	7,108
28	16	98 609	28 751,472	579 994,551	20,173	19,707	78	66	55 644	1 796,157	12 959,106	7,215	6,749
29	17	98 551	27 497,129	551 243,079	20,047	19,582	79	67	52 690	1 627,565	11 162,949	6,859	6,393
30	18	98 489	26 296,651	523 745,950	19,917	19,451	80	68	49 614	1 466,572	9 535,384	6,502	6,036
31	19	98 421	25 146,888	497 449,299	19,782	19,316	81	69	46 368	1 311,606	8 068,812	6,152	5,686
32	20	98 349	24 046,250	472 302,411	19,641	19,176	82	70	42 982	1 163,465	6 757,206	5,808	5,342
33	21	98 273	22 992,944	448 256,161	19,495	19,030	83	71	39 497	1 023,090	5 593,742	5,467	5,002
34	22	98 187	21 983,658	425 263,216	19,345	18,879	84	72	35 874	889,235	4 570,651	5,140	4,674
35	23	98 102	21 018,682	403 279,558	19,187	18,721	85	73	32 173	763,135	3 681,416	4,824	4,358
36	24	98 011	20 095,099	382 260,876	19,023	18,557	86	74	28 410	644,874	2 918,281	4,525	4,060
37	25	97 909	19 209,622	362 165,777	18,853	18,388	87	75	24 695	536,401	2 273,407	4,238	3,773
38	26	97 792	18 360,505	342 956,155	18,679	18,213	88	76	21 076	438,075	1 737,006	3,965	3,499
39	27	97 675	17 548,881	324 595,650	18,497	18,031	89	77	17 585	349,776	1 298,931	3,714	3,248
40	28	97 542	16 770,280	307 046,769	18,309	17,843	90	78	14 329	272,735	949,155	3,480	3,015
41	29	97 398	16 024,439	290 276,489	18,115	17,649	91	79	11 383	207,329	676,420	3,263	2,797
42	30	97 233	15 308,367	274 252,050	17,915	17,450	92	80	8 818	153,700	469,091	3,052	2,586
43	31	97 068	14 624,295	258 943,683	17,706	17,241	93	81	6 602	110,119	315,391	2,864	2,398
44	32	96 882	13 967,725	244 319,388	17,492	17,026	94	82	4 783	76,350	205,272	2,689	2,223
45	33	96 681	13 338,587	230 351,663	17,270	16,804	95	83	3 328	50,835	128,923	2,536	2,070
46	34	96 466	12 735,748	217 013,075	17,040	16,574	96	84	2 230	32,590	78,088	2,396	1,930
47	35	96 230	12 157,536	204 277,328	16,803	16,337	97	85	1 431	20,013	45,497	2,273	1,808
48	36	95 961	11 601,460	192 119,792	16,560	16,094	98	86	884	11,834	25,484	2,154	1,688
49	37	95 663	11 067,460	180 518,331	16,311	15,845	99	87	524	6,712	13,651	2,034	1,568
							100	88	292	3,583	6,939	1,936	1,471

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	37	95 383	10 559,768	169 912,490	16,091	15,625
1							51	38	95 028	10 067,484	159 352,723	15,828	15,363
2							52	39	94 636	9 594,167	149 285,239	15,560	15,094
3							53	40	94 196	9 138,384	139 691,072	15,286	14,821
4							54	41	93 712	8 699,880	130 552,688	15,006	14,541
5							55	42	93 174	8 277,477	121 852,808	14,721	14,255
6							56	43	92 569	7 869,631	113 575,331	14,432	13,966
7							57	44	91 901	7 476,346	105 705,700	14,139	13,673
8							58	45	91 165	7 097,101	98 229,354	13,841	13,375
9							59	46	90 363	6 731,778	91 132,253	13,538	13,072
10							60	47	89 472	6 378,353	84 400,475	13,232	12,767
11							61	48	88 502	6 037,516	78 022,122	12,923	12,457
12							62	49	87 431	5 707,654	71 984,606	12,612	12,146
13	0	99 535	56 164,501	1 207 842,155	21,505	21,040	63	50	86 258	5 388,585	66 276,952	12,300	11,834
14	1	99 237	53 585,527	1 151 677,654	21,492	21,027	64	51	84 984	5 080,354	60 888,367	11,985	11,519
15	2	99 203	51 260,278	1 098 092,127	21,422	20,956	65	52	83 609	4 782,921	55 808,012	11,668	11,203
16	3	99 175	49 038,829	1 046 831,849	21,347	20,881	66	53	82 144	4 496,757	51 025,092	11,347	10,881
17	4	99 142	46 911,701	997 793,019	21,270	20,804	67	54	80 564	4 220,341	46 528,335	11,025	10,559
18	5	99 107	44 875,479	950 881,318	21,189	20,724	68	55	78 889	3 954,662	42 307,994	10,698	10,233
19	6	99 062	42 923,549	906 005,839	21,107	20,642	69	56	77 099	3 698,500	38 353,332	10,370	9,904
20	7	99 014	41 055,594	863 082,290	21,022	20,557	70	57	75 218	3 452,901	34 654,832	10,036	9,571
21	8	98 969	39 269,568	822 026,697	20,933	20,467	71	58	73 249	3 217,699	31 201,931	9,697	9,231
22	9	98 922	37 560,628	782 757,129	20,840	20,374	72	59	71 124	2 989,820	27 984,232	9,360	8,894
23	10	98 875	35 926,206	745 196,501	20,742	20,277	73	60	68 934	2 772,962	24 994,412	9,014	8,548
24	11	98 828	34 362,788	709 270,295	20,641	20,175	74	61	66 603	2 563,838	22 221,450	8,667	8,202
25	12	98 775	32 865,461	674 907,507	20,535	20,070	75	62	64 166	2 363,648	19 657,613	8,317	7,851
26	13	98 725	31 434,324	642 042,046	20,425	19,959	76	63	61 590	2 171,048	17 293,964	7,966	7,500
27	14	98 674	30 065,061	610 607,722	20,310	19,844	77	64	58 882	1 986,240	15 122,916	7,614	7,148
28	15	98 620	28 754,801	580 542,661	20,189	19,724	78	65	56 093	1 810,667	13 136,676	7,255	6,790
29	16	98 563	27 500,645	551 787,860	20,065	19,599	79	66	53 155	1 641,945	11 326,008	6,898	6,432
30	17	98 502	26 300,061	524 287,215	19,935	19,469	80	67	50 083	1 480,425	9 684,063	6,541	6,076
31	18	98 437	25 150,970	497 987,154	19,800	19,334	81	68	46 847	1 325,128	8 203,638	6,191	5,725
32	19	98 365	24 050,203	472 836,184	19,660	19,195	82	69	43 484	1 177,055	6 878,511	5,844	5,378
33	20	98 289	22 996,709	448 785,981	19,515	19,050	83	70	39 999	1 036,095	5 701,455	5,503	5,037
34	21	98 204	21 987,391	425 789,272	19,365	18,900	84	71	36 377	901,691	4 665,360	5,174	4,708
35	22	98 118	21 022,210	403 801,881	19,208	18,743	85	72	32 661	774,715	3 763,669	4,858	4,393
36	23	98 027	20 098,386	382 779,671	19,045	18,580	86	73	28 894	655,851	2 988,954	4,557	4,092
37	24	97 925	19 212,778	362 681,285	18,877	18,411	87	74	25 152	546,340	2 333,103	4,270	3,805
38	25	97 811	18 364,076	343 468,508	18,703	18,238	88	75	21 508	447,070	1 786,763	3,997	3,531
39	26	97 693	17 552,010	325 104,432	18,522	18,057	89	76	17 983	357,699	1 339,693	3,745	3,280
40	27	97 563	16 773,798	307 552,422	18,335	17,870	90	77	14 680	279,423	981,994	3,514	3,049
41	28	97 421	16 028,254	290 778,624	18,142	17,676	91	78	11 701	213,128	702,570	3,296	2,831
42	29	97 257	15 312,145	274 750,370	17,943	17,478	92	79	9 098	158,585	489,442	3,086	2,621
43	30	97 095	14 628,432	259 438,225	17,735	17,270	93	80	6 843	114,144	330,857	2,899	2,433
44	31	96 913	13 972,224	244 809,793	17,521	17,056	94	81	4 985	79,565	216,713	2,724	2,258
45	32	96 714	13 343,069	230 837,569	17,300	16,835	95	82	3 492	53,342	137,148	2,571	2,105
46	33	96 500	12 740,210	217 494,500	17,072	16,606	96	83	2 360	34,494	83,805	2,430	1,964
47	34	96 267	12 162,179	204 754,290	16,835	16,370	97	84	1 528	21,377	49,311	2,307	1,841
48	35	96 006	11 606,880	192 592,110	16,593	16,127	98	85	954	12,775	27,935	2,187	1,721
49	36	95 709	11 072,740	180 985,231	16,345	15,880	99	86	573	7,338	15,160	2,066	1,600
							100	87	325	3,978	7,822	1,966	1,501

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	10 564,806	170 334,413	16,123	15,657
1							51	37	95 076	10 072,570	159 769,608	15,862	15,396
2							52	38	94 688	9 599,486	149 697,038	15,594	15,129
3							53	39	94 257	9 144,334	140 097,552	15,321	14,855
4							54	40	93 771	8 705,391	130 953,218	15,043	14,577
5							55	41	93 242	8 283,548	122 247,826	14,758	14,292
6							56	42	92 644	7 875,985	113 964,278	14,470	14,004
7							57	43	91 983	7 483,049	106 088,293	14,177	13,712
8							58	44	91 251	7 103,820	98 605,244	13,881	13,415
9							59	45	90 460	6 739,027	91 501,424	13,578	13,112
10							60	46	89 578	6 385,915	84 762,397	13,273	12,808
11							61	47	88 617	6 045,371	78 376,481	12,965	12,499
12							62	48	87 564	5 716,326	72 331,110	12,653	12,188
13							63	49	86 404	5 397,675	66 614,784	12,341	11,876
14	0	99 525	53 740,939	1 152 383,117	21,443	20,978	64	50	85 141	5 089,739	61 217,109	12,028	11,562
15	1	99 225	51 271,682	1 098 642,178	21,428	20,962	65	51	83 783	4 792,873	56 127,370	11,711	11,245
16	2	99 188	49 045,274	1 047 370,496	21,355	20,890	66	52	82 325	4 506,692	51 334,497	11,391	10,925
17	3	99 152	46 916,379	998 325,222	21,279	20,813	67	53	80 764	4 230,827	46 827,805	11,068	10,603
18	4	99 116	44 879,610	951 408,843	21,199	20,734	68	54	79 107	3 965,585	42 596,978	10,742	10,276
19	5	99 068	42 926,466	906 529,233	21,118	20,653	69	55	77 340	3 710,047	38 631,393	10,413	9,947
20	6	99 022	41 058,592	863 602,767	21,033	20,568	70	56	75 474	3 464,617	34 921,346	10,079	9,614
21	7	98 973	39 271,438	822 544,176	20,945	20,479	71	57	73 525	3 229,831	31 456,729	9,739	9,274
22	8	98 929	37 563,335	783 272,738	20,852	20,386	72	58	71 422	3 002,350	28 226,898	9,402	8,936
23	9	98 880	35 928,116	745 709,403	20,756	20,290	73	59	69 255	2 785,873	25 224,548	9,054	8,589
24	10	98 833	34 364,699	709 781,287	20,654	20,189	74	60	66 947	2 577,050	22 438,675	8,707	8,242
25	11	98 783	32 867,988	675 416,588	20,549	20,084	75	61	64 526	2 376,926	19 861,625	8,356	7,890
26	12	98 731	31 436,311	642 548,600	20,440	19,974	76	62	61 969	2 184,421	17 484,699	8,004	7,539
27	13	98 682	30 067,437	611 112,289	20,325	19,859	77	63	59 283	1 999,759	15 300,278	7,651	7,185
28	14	98 629	28 757,454	581 044,852	20,205	19,739	78	64	56 512	1 824,182	13 300,519	7,291	6,826
29	15	98 575	27 503,829	552 287,398	20,080	19,615	79	65	53 585	1 655,209	11 476,336	6,933	6,468
30	16	98 515	26 303,424	524 783,569	19,951	19,486	80	66	50 525	1 493,505	9 821,127	6,576	6,110
31	17	98 450	25 154,231	498 480,145	19,817	19,351	81	67	47 289	1 337,645	8 327,622	6,226	5,760
32	18	98 381	24 054,108	473 325,914	19,678	19,212	82	68	43 933	1 189,190	6 989,977	5,878	5,412
33	19	98 305	23 000,489	449 271,806	19,533	19,068	83	69	40 466	1 048,198	5 800,787	5,534	5,068
34	20	98 220	21 990,991	426 271,317	19,384	18,918	84	70	36 839	913,153	4 752,589	5,205	4,739
35	21	98 135	21 025,780	404 280,326	19,228	18,762	85	71	33 118	785,568	3 839,436	4,887	4,422
36	22	98 044	20 101,759	383 254,546	19,066	18,600	86	72	29 332	665,803	3 053,869	4,587	4,121
37	23	97 941	19 215,921	363 152,788	18,899	18,433	87	73	25 581	555,639	2 388,066	4,298	3,832
38	24	97 827	18 367,093	343 936,867	18,726	18,260	88	74	21 907	455,354	1 832,426	4,024	3,559
39	25	97 712	17 555,423	325 569,774	18,545	18,080	89	75	18 352	365,044	1 377,072	3,772	3,307
40	26	97 580	16 776,788	308 014,352	18,360	17,894	90	76	15 013	285,753	1 012,029	3,542	3,076
41	27	97 442	16 031,617	291 237,563	18,166	17,701	91	77	11 988	218,355	726,276	3,326	2,861
42	28	97 280	15 315,790	275 205,947	17,969	17,503	92	78	9 353	163,021	507,921	3,116	2,650
43	29	97 119	14 632,043	259 890,157	17,762	17,296	93	79	7 061	117,772	344,900	2,929	2,463
44	30	96 940	13 976,176	245 258,114	17,548	17,083	94	80	5 167	82,473	227,128	2,754	2,288
45	31	96 745	13 347,367	231 281,937	17,328	16,862	95	81	3 639	55,589	144,655	2,602	2,137
46	32	96 532	12 744,491	217 934,570	17,100	16,635	96	82	2 476	36,195	89,066	2,461	1,995
47	33	96 301	12 166,440	205 190,080	16,865	16,400	97	83	1 618	22,626	52,870	2,337	1,871
48	34	96 042	11 611,313	193 023,639	16,624	16,158	98	84	1 019	13,645	30,245	2,216	1,751
49	35	95 754	11 077,913	181 412,326	16,376	15,910	99	85	618	7,921	16,599	2,096	1,630
							100	86	355	4,348	8,678	1,996	1,530

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	10 569,741	170 720,283	16,152	15,686
1							51	36	95 121	10 077,375	160 150,542	15,892	15,426
2							52	37	94 736	9 604,336	150 073,167	15,626	15,160
3							53	38	94 310	9 149,404	140 468,831	15,353	14,887
4							54	39	93 832	8 711,059	131 319,427	15,075	14,609
5							55	40	93 301	8 288,796	122 608,368	14,792	14,326
6							56	41	92 712	7 881,762	114 319,572	14,504	14,039
7							57	42	92 057	7 489,092	106 437,810	14,212	13,747
8							58	43	91 333	7 110,189	98 948,718	13,916	13,451
9							59	44	90 546	6 745,407	91 838,529	13,615	13,149
10							60	45	89 674	6 392,792	85 093,122	13,311	12,845
11							61	46	88 722	6 052,538	78 700,330	13,003	12,537
12							62	47	87 678	5 723,764	72 647,792	12,692	12,227
13							63	48	86 535	5 405,876	66 924,028	12,380	11,914
14							64	49	85 285	5 098,325	61 518,152	12,066	11,601
15	0	99 513	51 420,383	1 099 294,304	21,379	20,913	65	50	83 938	4 801,727	56 419,827	11,750	11,284
16	1	99 210	49 056,185	1 047 873,921	21,361	20,895	66	51	82 497	4 516,070	51 618,100	11,430	10,964
17	2	99 165	46 922,544	998 817,736	21,287	20,821	67	52	80 942	4 240,174	47 102,030	11,109	10,643
18	3	99 126	44 884,085	951 895,192	21,208	20,742	68	53	79 304	3 975,438	42 861,856	10,782	10,316
19	4	99 077	42 930,417	907 011,107	21,127	20,662	69	54	77 553	3 720,293	38 886,418	10,453	9,987
20	5	99 028	41 061,382	864 080,689	21,044	20,578	70	55	75 709	3 475,434	35 166,125	10,118	9,653
21	6	98 981	39 274,306	823 019,308	20,956	20,490	71	56	73 775	3 240,790	31 690,691	9,779	9,313
22	7	98 933	37 565,124	783 745,002	20,864	20,398	72	57	71 692	3 013,671	28 449,901	9,440	8,975
23	8	98 887	35 930,705	746 179,878	20,767	20,302	73	58	69 545	2 797,549	25 436,230	9,092	8,627
24	9	98 839	34 366,525	710 249,173	20,667	20,201	74	59	67 258	2 589,049	22 638,681	8,744	8,278
25	10	98 788	32 869,816	675 882,647	20,562	20,097	75	60	64 859	2 389,175	20 049,633	8,392	7,926
26	11	98 739	31 438,728	643 012,832	20,453	19,987	76	61	62 317	2 196,692	17 660,458	8,040	7,574
27	12	98 688	30 069,338	611 574,103	20,339	19,873	77	62	59 648	2 012,077	15 463,765	7,685	7,220
28	13	98 637	28 759,727	581 504,765	20,219	19,754	78	63	56 896	1 836,598	13 451,689	7,324	6,859
29	14	98 584	27 506,366	552 745,038	20,095	19,630	79	64	53 985	1 667,564	11 615,091	6,965	6,500
30	15	98 526	26 306,469	525 238,672	19,966	19,501	80	65	50 934	1 505,570	9 947,527	6,607	6,142
31	16	98 463	25 157,448	498 932,203	19,832	19,367	81	66	47 707	1 349,463	8 441,956	6,256	5,790
32	17	98 394	24 057,227	473 774,755	19,694	19,228	82	67	44 348	1 200,423	7 092,493	5,908	5,443
33	18	98 321	23 004,223	449 717,528	19,549	19,084	83	68	40 884	1 059,004	5 892,070	5,564	5,098
34	19	98 236	21 994,606	426 713,305	19,401	18,935	84	69	37 270	923,819	4 833,066	5,232	4,766
35	20	98 151	21 029,222	404 718,699	19,246	18,780	85	70	33 539	795,553	3 909,246	4,914	4,448
36	21	98 061	20 105,173	383 689,477	19,084	18,619	86	71	29 743	675,130	3 113,693	4,612	4,146
37	22	97 957	19 219,145	363 584,305	18,918	18,452	87	72	25 969	564,071	2 438,563	4,323	3,858
38	23	97 843	18 370,097	344 365,160	18,746	18,280	88	73	22 280	463,104	1 874,492	4,048	3,582
39	24	97 728	17 558,307	325 995,062	18,566	18,101	89	74	18 693	371,808	1 411,388	3,796	3,330
40	25	97 599	16 780,051	308 436,755	18,381	17,916	90	75	15 321	291,620	1 039,580	3,565	3,099
41	26	97 459	16 034,474	291 656,705	18,189	17,724	91	76	12 259	223,301	747,960	3,350	2,884
42	27	97 300	15 319,003	275 622,230	17,992	17,527	92	77	9 582	167,019	524,659	3,141	2,676
43	28	97 142	14 635,526	260 303,227	17,786	17,320	93	78	7 258	121,066	357,641	2,954	2,488
44	29	96 964	13 979,626	245 667,701	17,573	17,108	94	79	5 331	85,095	236,574	2,780	2,315
45	30	96 772	13 351,143	231 688,075	17,353	16,888	95	80	3 772	57,621	151,479	2,629	2,163
46	31	96 563	12 748,596	218 336,932	17,126	16,661	96	81	2 581	37,720	93,859	2,488	2,023
47	32	96 333	12 170,529	205 588,336	16,892	16,427	97	82	1 697	23,741	56,139	2,365	1,899
48	33	96 076	11 615,381	193 417,808	16,652	16,186	98	83	1 079	14,443	32,397	2,243	1,778
49	34	95 790	11 082,144	181 802,427	16,405	15,939	99	84	661	8,461	17,955	2,122	1,656
							100	85	383	4,694	9,493	2,022	1,557

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	10 573,778	171 072,621	16,179	15,713
1							51	35	95 166	10 082,083	160 498,843	15,919	15,454
2							52	36	94 781	9 608,918	150 416,760	15,654	15,188
3							53	37	94 357	9 154,026	140 807,843	15,382	14,916
4							54	38	93 884	8 715,889	131 653,817	15,105	14,639
5							55	39	93 362	8 294,193	122 937,928	14,822	14,357
6							56	40	92 771	7 886,756	114 643,735	14,536	14,071
7							57	41	92 125	7 494,585	106 756,980	14,245	13,779
8							58	42	91 406	7 115,930	99 262,395	13,949	13,484
9							59	43	90 627	6 751,455	92 146,465	13,648	13,183
10							60	44	89 759	6 398,844	85 395,010	13,345	12,880
11							61	45	88 818	6 059,056	78 996,166	13,038	12,572
12							62	46	87 782	5 730,550	72 937,110	12,728	12,262
13							63	47	86 648	5 412,910	67 206,560	12,416	11,950
14							64	48	85 414	5 106,072	61 793,651	12,102	11,636
15							65	49	84 079	4 809,827	56 687,579	11,786	11,320
16	0	99 497	49 198,460	1 048 476,881	21,311	20,846	66	50	82 649	4 524,412	51 877,752	11,466	11,001
17	1	99 187	46 932,983	999 278,420	21,292	20,826	67	51	81 111	4 248,997	47 353,340	11,145	10,679
18	2	99 139	44 889,984	952 345,437	21,215	20,749	68	52	79 479	3 984,221	43 104,343	10,819	10,353
19	3	99 087	42 934,698	907 455,454	21,136	20,670	69	53	77 746	3 729,537	39 120,122	10,489	10,024
20	4	99 037	41 065,162	864 520,756	21,052	20,587	70	54	75 918	3 485,033	35 390,585	10,155	9,689
21	5	98 987	39 276,974	823 455,594	20,965	20,500	71	55	74 005	3 250,908	31 905,552	9,814	9,349
22	6	98 941	37 567,867	784 178,620	20,874	20,408	72	56	71 935	3 023,896	28 654,644	9,476	9,010
23	7	98 892	35 932,417	746 610,753	20,778	20,313	73	57	69 807	2 808,097	25 630,748	9,127	8,662
24	8	98 846	34 369,002	710 678,336	20,678	20,212	74	58	67 540	2 599,900	22 822,651	8,778	8,313
25	9	98 793	32 871,563	676 309,334	20,574	20,109	75	59	65 161	2 400,299	20 222,752	8,425	7,959
26	10	98 744	31 440,476	643 437,771	20,465	20,000	76	60	62 638	2 208,012	17 822,452	8,072	7,606
27	11	98 695	30 071,650	611 997,294	20,351	19,886	77	61	59 983	2 023,380	15 614,440	7,717	7,251
28	12	98 643	28 761,545	581 925,644	20,233	19,767	78	62	57 247	1 847,911	13 591,060	7,355	6,889
29	13	98 592	27 508,541	553 164,099	20,109	19,643	79	63	54 352	1 678,914	11 743,150	6,994	6,529
30	14	98 535	26 308,896	525 655,559	19,980	19,515	80	64	51 314	1 516,808	10 064,236	6,635	6,170
31	15	98 474	25 160,360	499 346,662	19,847	19,381	81	65	48 092	1 360,365	8 547,428	6,283	5,818
32	16	98 406	24 060,303	474 186,302	19,708	19,243	82	66	44 739	1 211,029	7 187,063	5,935	5,469
33	17	98 333	23 007,206	450 125,999	19,565	19,099	83	67	41 270	1 069,008	5 976,034	5,590	5,125
34	18	98 252	21 998,177	427 118,793	19,416	18,950	84	68	37 654	933,343	4 907,026	5,257	4,792
35	19	98 167	21 032,679	405 120,616	19,261	18,796	85	69	33 931	804,846	3 973,683	4,937	4,472
36	20	98 077	20 108,464	384 087,937	19,101	18,635	86	70	30 121	683,711	3 168,836	4,635	4,169
37	21	97 974	19 222,409	363 979,473	18,935	18,470	87	71	26 333	571,973	2 485,125	4,345	3,879
38	22	97 860	18 373,180	344 757,064	18,764	18,299	88	72	22 618	470,132	1 913,152	4,069	3,604
39	23	97 744	17 561,179	326 383,884	18,586	18,120	89	73	19 011	378,136	1 443,020	3,816	3,351
40	24	97 615	16 782,807	308 822,705	18,401	17,936	90	74	15 605	297,023	1 064,884	3,585	3,120
41	25	97 478	16 037,592	292 039,898	18,210	17,744	91	75	12 511	227,886	767,861	3,369	2,904
42	26	97 318	15 321,734	276 002,305	18,014	17,548	92	76	9 799	170,802	539,975	3,161	2,696
43	27	97 163	14 638,596	260 680,571	17,808	17,342	93	77	7 436	124,035	369,173	2,976	2,511
44	28	96 987	13 982,954	246 041,975	17,596	17,130	94	78	5 480	87,475	245,138	2,802	2,337
45	29	96 796	13 354,438	232 059,021	17,377	16,911	95	79	3 892	59,452	157,663	2,652	2,186
46	30	96 591	12 752,202	218 704,583	17,150	16,685	96	80	2 675	39,099	98,210	2,512	2,046
47	31	96 364	12 174,449	205 952,381	16,917	16,451	97	81	1 769	24,741	59,112	2,389	1,924
48	32	96 108	11 619,284	193 777,932	16,677	16,212	98	82	1 132	15,155	34,370	2,268	1,802
49	33	95 824	11 086,027	182 158,648	16,431	15,966	99	83	699	8,955	19,215	2,146	1,680
							100	84	409	5,014	10,260	2,046	1,581

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	10 577,482	171 394,254	16,204	15,738
1							51	34	95 202	10 085,934	160 816,772	15,945	15,479
2							52	35	94 825	9 613,407	150 730,838	15,679	15,214
3							53	36	94 402	9 158,393	141 117,432	15,409	14,943
4							54	37	93 931	8 720,292	131 959,039	15,132	14,667
5							55	38	93 414	8 298,791	123 238,747	14,850	14,385
6							56	39	92 831	7 891,891	114 939,956	14,564	14,099
7							57	40	92 183	7 499,333	107 048,065	14,274	13,809
8							58	41	91 473	7 121,149	99 548,732	13,979	13,514
9							59	42	90 700	6 756,906	92 427,583	13,679	13,213
10							60	43	89 840	6 404,581	85 670,677	13,376	12,911
11							61	44	88 902	6 064,792	79 266,096	13,070	12,604
12							62	45	87 877	5 736,721	73 201,303	12,760	12,295
13							63	46	86 750	5 419,327	67 464,583	12,449	11,983
14							64	47	85 525	5 112,715	62 045,256	12,135	11,670
15							65	48	84 207	4 817,135	56 932,541	11,819	11,353
16							66	49	82 788	4 532,044	52 115,406	11,499	11,034
17	0	99 475	47 069,101	999 836,043	21,242	20,776	67	50	81 260	4 256,846	47 583,361	11,178	10,712
18	1	99 161	44 899,970	952 766,942	21,220	20,754	68	51	79 644	3 992,511	43 326,515	10,852	10,386
19	2	99 100	42 940,341	907 866,972	21,143	20,677	69	52	77 918	3 737,777	39 334,004	10,523	10,058
20	3	99 047	41 069,256	864 926,632	21,060	20,595	70	53	76 107	3 493,692	35 596,227	10,189	9,723
21	4	98 997	39 280,590	823 857,375	20,974	20,508	71	54	74 209	3 259,887	32 102,534	9,848	9,382
22	5	98 947	37 570,420	784 576,785	20,883	20,417	72	55	72 160	3 033,337	28 842,648	9,509	9,043
23	6	98 899	35 935,041	747 006,365	20,788	20,322	73	56	70 044	2 817,625	25 809,311	9,160	8,694
24	7	98 850	34 370,639	711 071,325	20,688	20,223	74	57	67 795	2 609,702	22 991,686	8,810	8,344
25	8	98 800	32 873,932	676 700,686	20,585	20,119	75	58	65 434	2 410,359	20 381,984	8,456	7,990
26	9	98 750	31 442,148	643 826,754	20,477	20,011	76	59	62 930	2 218,293	17 971,625	8,102	7,636
27	10	98 701	30 073,322	612 384,606	20,363	19,897	77	60	60 293	2 033,807	15 753,332	7,746	7,280
28	11	98 651	28 763,757	582 311,284	20,245	19,779	78	61	57 568	1 858,291	13 719,525	7,383	6,917
29	12	98 598	27 510,279	553 547,527	20,121	19,656	79	62	54 687	1 689,255	11 861,234	7,022	6,556
30	13	98 543	26 310,976	526 037,248	19,993	19,527	80	63	51 663	1 527,132	10 171,978	6,661	6,195
31	14	98 483	25 162,682	499 726,272	19,860	19,394	81	64	48 451	1 370,519	8 644,847	6,308	5,842
32	15	98 418	24 063,089	474 563,590	19,722	19,256	82	65	45 101	1 220,812	7 274,328	5,959	5,493
33	16	98 346	23 010,148	450 500,502	19,578	19,113	83	66	41 634	1 078,453	6 053,515	5,613	5,148
34	17	98 265	22 001,029	427 490,354	19,430	18,965	84	67	38 010	942,160	4 975,063	5,280	4,815
35	18	98 183	21 036,093	405 489,325	19,276	18,810	85	68	34 281	813,143	4 032,903	4,960	4,494
36	19	98 093	20 111,770	384 453,231	19,116	18,650	86	69	30 473	691,698	3 219,759	4,655	4,189
37	20	97 990	19 225,556	364 341,462	18,951	18,485	87	70	26 667	579,243	2 528,061	4,364	3,899
38	21	97 876	18 376,300	345 115,906	18,780	18,315	88	71	22 935	476,717	1 948,818	4,088	3,622
39	22	97 760	17 564,126	326 739,605	18,603	18,137	89	72	19 299	383,874	1 472,101	3,835	3,369
40	23	97 631	16 785,553	309 175,479	18,419	17,954	90	73	15 870	302,079	1 088,226	3,602	3,137
41	24	97 494	16 040,227	292 389,926	18,229	17,763	91	74	12 743	232,108	786,147	3,387	2,921
42	25	97 337	15 324,714	276 349,699	18,033	17,567	92	75	10 000	174,309	554,039	3,178	2,713
43	26	97 180	14 641,206	261 024,985	17,828	17,362	93	76	7 605	126,845	379,730	2,994	2,528
44	27	97 008	13 985,887	246 383,780	17,617	17,151	94	77	5 615	89,620	252,885	2,822	2,356
45	28	96 819	13 357,617	232 397,892	17,398	16,933	95	78	4 001	61,115	163,265	2,671	2,206
46	29	96 614	12 755,350	219 040,275	17,172	16,707	96	79	2 760	40,341	102,150	2,532	2,067
47	30	96 391	12 177,893	206 284,925	16,939	16,474	97	80	1 834	25,646	61,808	2,410	1,944
48	31	96 139	11 623,027	194 107,033	16,700	16,235	98	81	1 180	15,793	36,162	2,290	1,824
49	32	95 856	11 089,752	182 484,006	16,455	15,990	99	82	734	9,397	20,369	2,168	1,702
							100	83	433	5,307	10,972	2,067	1,602

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	10 581,037	171 687,927	16,226	15,760
1							51	33	95 236	10 089,467	161 106,891	15,968	15,502
2							52	34	94 862	9 617,078	151 017,423	15,703	15,237
3							53	35	94 446	9 162,672	141 400,345	15,432	14,967
4							54	36	93 976	8 724,452	132 237,674	15,157	14,692
5							55	37	93 461	8 302,983	123 513,221	14,876	14,410
6							56	38	92 883	7 896,266	115 210,238	14,590	14,125
7							57	39	92 243	7 504,215	107 313,972	14,300	13,835
8							58	40	91 531	7 125,661	99 809,757	14,007	13,541
9							59	41	90 767	6 761,863	92 684,096	13,707	13,241
10							60	42	89 912	6 409,752	85 922,233	13,405	12,939
11							61	43	88 981	6 070,229	79 512,481	13,099	12,633
12							62	44	87 960	5 742,152	73 442,251	12,790	12,324
13							63	45	86 844	5 425,163	67 700,100	12,479	12,013
14							64	46	85 627	5 118,776	62 274,937	12,166	11,700
15							65	47	84 316	4 823,402	57 156,160	11,850	11,384
16							66	48	82 914	4 538,930	52 332,758	11,530	11,064
17							67	49	81 398	4 264,027	47 793,828	11,209	10,743
18	0	99 448	45 030,192	953 282,756	21,170	20,704	68	50	79 791	3 999,887	43 529,800	10,883	10,417
19	1	99 122	42 949,893	908 252,564	21,147	20,681	69	51	78 080	3 745,555	39 529,914	10,554	10,088
20	2	99 060	41 074,654	865 302,671	21,067	20,601	70	52	76 275	3 501,411	35 784,359	10,220	9,754
21	3	99 006	39 284,507	824 228,017	20,981	20,515	71	53	74 394	3 267,986	32 282,948	9,879	9,413
22	4	98 957	37 573,878	784 943,511	20,891	20,425	72	54	72 359	3 041,715	29 014,961	9,539	9,073
23	5	98 906	35 937,482	747 369,632	20,796	20,331	73	55	70 263	2 826,422	25 973,247	9,189	8,724
24	6	98 858	34 373,149	711 432,150	20,697	20,232	74	56	68 025	2 618,557	23 146,825	8,840	8,374
25	7	98 805	32 875,498	677 059,001	20,595	20,129	75	57	65 681	2 419,447	20 528,268	8,485	8,019
26	8	98 757	31 444,414	644 183,503	20,486	20,021	76	58	63 194	2 227,590	18 108,820	8,129	7,664
27	9	98 706	30 074,921	612 739,089	20,374	19,908	77	59	60 573	2 043,276	15 881,231	7,772	7,307
28	10	98 657	28 765,356	582 664,169	20,256	19,790	78	60	57 865	1 867,868	13 837,954	7,408	6,943
29	11	98 605	27 512,395	553 898,813	20,133	19,667	79	61	54 994	1 698,745	11 970,087	7,046	6,581
30	12	98 549	26 312,639	526 386,418	20,005	19,539	80	62	51 981	1 536,538	10 271,342	6,685	6,219
31	13	98 491	25 164,671	500 073,779	19,872	19,406	81	63	48 781	1 379,847	8 734,804	6,330	5,865
32	14	98 427	24 065,309	474 909,108	19,734	19,269	82	64	45 437	1 229,925	7 354,957	5,980	5,514
33	15	98 357	23 012,812	450 843,800	19,591	19,125	83	65	41 971	1 087,165	6 125,032	5,634	5,168
34	16	98 277	22 003,842	427 830,988	19,443	18,978	84	66	38 345	950,484	5 037,867	5,300	4,835
35	17	98 195	21 038,821	405 827,145	19,289	18,824	85	67	34 605	820,825	4 087,383	4,980	4,514
36	18	98 109	20 115,035	384 788,324	19,129	18,664	86	68	30 787	698,829	3 266,559	4,674	4,209
37	19	98 006	19 228,716	364 673,289	18,965	18,499	87	69	26 979	586,009	2 567,730	4,382	3,916
38	20	97 892	18 379,309	345 444,573	18,795	18,330	88	70	23 226	482,777	1 981,721	4,105	3,639
39	21	97 777	17 567,109	327 065,264	18,618	18,152	89	71	19 570	389,252	1 498,943	3,851	3,385
40	22	97 647	16 788,370	309 498,155	18,435	17,970	90	72	16 111	306,663	1 109,692	3,619	3,153
41	23	97 510	16 042,851	292 709,786	18,245	17,780	91	73	12 960	236,059	803,029	3,402	2,936
42	24	97 353	15 327,231	276 666,934	18,051	17,585	92	74	10 186	177,539	566,970	3,193	2,728
43	25	97 199	14 644,053	261 339,703	17,846	17,381	93	75	7 761	129,449	389,431	3,008	2,543
44	26	97 025	13 988,381	246 695,650	17,636	17,170	94	76	5 742	91,650	259,982	2,837	2,371
45	27	96 840	13 360,419	232 707,269	17,418	16,952	95	77	4 099	62,614	168,331	2,688	2,223
46	28	96 637	12 758,386	219 346,850	17,192	16,727	96	78	2 837	41,470	105,717	2,549	2,084
47	29	96 415	12 180,898	206 588,464	16,960	16,494	97	79	1 892	26,461	64,247	2,428	1,962
48	30	96 167	11 626,314	194 407,566	16,721	16,256	98	80	1 223	16,370	37,786	2,308	1,843
49	31	95 887	11 093,324	182 781,251	16,477	16,011	99	81	765	9,793	21,416	2,187	1,721
							100	82	454	5,569	11,623	2,087	1,621

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	10 584,445	171 956,142	16,246	15,781
1							51	32	95 268	10 092,858	161 371,697	15,989	15,523
2							52	33	94 895	9 620,448	151 278,840	15,725	15,259
3							53	34	94 482	9 166,171	141 658,392	15,454	14,989
4							54	35	94 020	8 728,528	132 492,221	15,179	14,714
5							55	36	93 506	8 306,945	123 763,693	14,899	14,433
6							56	37	92 929	7 900,255	115 456,748	14,614	14,149
7							57	38	92 294	7 508,376	107 556,493	14,325	13,859
8							58	39	91 591	7 130,300	100 048,117	14,031	13,566
9							59	40	90 824	6 766,146	92 917,817	13,733	13,267
10							60	41	89 978	6 414,454	86 151,671	13,431	12,965
11							61	42	89 053	6 075,131	79 737,217	13,125	12,660
12							62	43	88 039	5 747,300	73 662,086	12,817	12,351
13							63	44	86 926	5 430,299	67 914,786	12,507	12,041
14							64	45	85 719	5 124,288	62 484,487	12,194	11,728
15							65	46	84 416	4 829,121	57 360,199	11,878	11,412
16							66	47	83 022	4 544,836	52 531,078	11,558	11,093
17							67	48	81 521	4 270,506	47 986,242	11,237	10,771
18							68	49	79 926	4 006,634	43 715,736	10,911	10,445
19	0	99 410	43 074,459	908 729,807	21,097	20,631	69	50	78 224	3 752,474	39 709,102	10,582	10,116
20	1	99 082	41 083,791	865 655,348	21,070	20,605	70	51	76 434	3 508,697	35 956,628	10,248	9,782
21	2	99 019	39 289,670	824 571,556	20,987	20,521	71	52	74 558	3 275,206	32 447,931	9,907	9,442
22	3	98 966	37 577,625	785 281,887	20,898	20,432	72	53	72 539	3 049,273	29 172,725	9,567	9,101
23	4	98 915	35 940,791	747 704,262	20,804	20,338	73	54	70 457	2 834,228	26 123,452	9,217	8,752
24	5	98 864	34 375,485	711 763,471	20,706	20,240	74	55	68 237	2 626,733	23 289,224	8,866	8,401
25	6	98 812	32 877,899	677 387,987	20,603	20,138	75	56	65 904	2 427,657	20 662,491	8,511	8,046
26	7	98 762	31 445,911	644 510,088	20,496	20,030	76	57	63 432	2 235,989	18 234,835	8,155	7,690
27	8	98 713	30 077,088	613 064,177	20,383	19,917	77	58	60 827	2 051,840	15 998,846	7,797	7,332
28	9	98 662	28 766,885	582 987,088	20,266	19,800	78	59	58 135	1 876,565	13 947,006	7,432	6,967
29	10	98 611	27 513,925	554 220,203	20,143	19,678	79	60	55 277	1 707,499	12 070,442	7,069	6,603
30	11	98 557	26 314,662	526 706,279	20,016	19,550	80	61	52 273	1 545,170	10 362,943	6,707	6,241
31	12	98 497	25 166,261	500 391,616	19,883	19,418	81	62	49 081	1 388,346	8 817,773	6,351	5,886
32	13	98 434	24 067,211	475 225,355	19,746	19,280	82	63	45 747	1 238,296	7 429,427	6,000	5,534
33	14	98 367	23 014,935	451 158,144	19,603	19,137	83	64	42 284	1 095,279	6 191,131	5,653	5,187
34	15	98 288	22 006,390	428 143,209	19,455	18,990	84	65	38 655	958,162	5 095,852	5,318	4,853
35	16	98 208	21 041,511	406 136,819	19,302	18,836	85	66	34 910	828,077	4 137,689	4,997	4,531
36	17	98 121	20 117,643	385 095,308	19,142	18,677	86	67	31 078	705,430	3 309,612	4,692	4,226
37	18	98 022	19 231,838	364 977,665	18,978	18,512	87	68	27 257	592,051	2 604,182	4,399	3,933
38	19	97 908	18 382,330	345 745,827	18,809	18,343	88	69	23 498	488,417	2 012,131	4,120	3,654
39	20	97 793	17 569,985	327 363,497	18,632	18,166	89	70	19 818	394,200	1 523,715	3,865	3,400
40	21	97 664	16 791,221	309 793,512	18,450	17,984	90	71	16 337	310,959	1 129,515	3,632	3,167
41	22	97 526	16 045,543	293 002,291	18,261	17,795	91	72	13 157	239,641	818,557	3,416	2,950
42	23	97 369	15 329,739	276 956,748	18,067	17,601	92	73	10 359	180,561	578,915	3,206	2,741
43	24	97 215	14 646,459	261 627,009	17,863	17,397	93	74	7 905	131,848	398,355	3,021	2,556
44	25	97 044	13 991,101	246 980,550	17,653	17,187	94	75	5 860	93,532	266,507	2,849	2,384
45	26	96 857	13 362,801	232 989,450	17,436	16,970	95	76	4 192	64,032	172,975	2,701	2,236
46	27	96 658	12 761,063	219 626,648	17,211	16,745	96	77	2 907	42,487	108,942	2,564	2,099
47	28	96 438	12 183,798	206 865,586	16,979	16,513	97	78	1 945	27,201	66,456	2,443	1,978
48	29	96 190	11 629,184	194 681,788	16,741	16,275	98	79	1 262	16,891	39,254	2,324	1,858
49	30	95 914	11 096,462	183 052,604	16,496	16,031	99	80	793	10,151	22,364	2,203	1,738
							100	81	474	5,804	12,213	2,104	1,639

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	10 587,439	172 200,907	16,265	15,799
1							51	31	95 298	10 096,108	161 613,468	16,008	15,542
2							52	32	94 927	9 623,680	151 517,360	15,744	15,279
3							53	33	94 516	9 169,382	141 893,679	15,475	15,009
4							54	34	94 056	8 731,862	132 724,297	15,200	14,734
5							55	35	93 549	8 310,825	123 992,435	14,919	14,454
6							56	36	92 974	7 904,024	115 681,610	14,636	14,170
7							57	37	92 341	7 512,169	107 777,586	14,347	13,881
8							58	38	91 642	7 134,253	100 265,417	14,054	13,588
9							59	39	90 884	6 770,552	93 131,163	13,755	13,290
10							60	40	90 035	6 418,518	86 360,612	13,455	12,989
11							61	41	89 118	6 079,587	79 942,094	13,149	12,684
12							62	42	88 110	5 751,941	73 862,507	12,841	12,376
13							63	43	87 004	5 435,167	68 110,567	12,531	12,066
14							64	44	85 800	5 129,140	62 675,399	12,219	11,754
15							65	45	84 507	4 834,321	57 546,259	11,904	11,438
16							66	46	83 120	4 550,224	52 711,938	11,584	11,119
17							67	47	81 627	4 276,062	48 161,714	11,263	10,797
18							68	48	80 047	4 012,722	43 885,652	10,937	10,471
19							69	49	78 356	3 758,804	39 872,930	10,608	10,142
20	0	99 370	41 202,945	866 097,014	21,020	20,555	70	50	76 575	3 515,178	36 114,126	10,274	9,808
21	1	99 041	39 298,410	824 894,069	20,991	20,525	71	51	74 713	3 282,022	32 598,948	9,933	9,467
22	2	98 979	37 582,563	785 595,659	20,903	20,438	72	52	72 699	3 056,009	29 316,926	9,593	9,128
23	3	98 925	35 944,374	748 013,095	20,810	20,345	73	53	70 632	2 841,270	26 260,917	9,243	8,777
24	4	98 873	34 378,649	712 068,721	20,713	20,247	74	54	68 426	2 633,987	23 419,646	8,891	8,426
25	5	98 819	32 880,133	677 690,072	20,611	20,145	75	55	66 109	2 435,236	20 785,659	8,535	8,070
26	6	98 769	31 448,208	644 809,939	20,504	20,038	76	56	63 647	2 243,576	18 350,423	8,179	7,713
27	7	98 718	30 078,521	613 361,732	20,392	19,926	77	57	61 057	2 059,576	16 106,847	7,820	7,355
28	8	98 669	28 768,958	583 283,211	20,275	19,809	78	58	58 378	1 884,429	14 047,271	7,454	6,989
29	9	98 616	27 515,387	554 514,253	20,153	19,687	79	59	55 535	1 715,449	12 162,842	7,090	6,625
30	10	98 562	26 316,125	526 998,865	20,026	19,560	80	60	52 543	1 553,133	10 447,393	6,727	6,261
31	11	98 505	25 168,197	500 682,740	19,893	19,428	81	61	49 357	1 396,145	8 894,261	6,371	5,905
32	12	98 441	24 068,732	475 514,543	19,757	19,291	82	62	46 029	1 245,923	7 498,115	6,018	5,553
33	13	98 374	23 016,754	451 445,811	19,614	19,148	83	63	42 572	1 102,734	6 252,192	5,670	5,204
34	14	98 298	22 008,420	428 429,057	19,467	19,001	84	64	38 944	965,314	5 149,458	5,334	4,869
35	15	98 219	21 043,947	406 420,637	19,313	18,847	85	65	35 192	834,766	4 184,144	5,012	4,547
36	16	98 134	20 120,215	385 376,689	19,154	18,688	86	66	31 353	711,663	3 349,377	4,706	4,241
37	17	98 035	19 234,332	365 256,474	18,990	18,524	87	67	27 514	597,643	2 637,714	4,414	3,948
38	18	97 924	18 385,314	346 022,142	18,821	18,355	88	68	23 740	493,452	2 040,071	4,134	3,669
39	19	97 809	17 572,873	327 636,828	18,644	18,179	89	69	20 050	398,804	1 546,619	3,878	3,413
40	20	97 680	16 793,970	310 063,954	18,463	17,997	90	70	16 545	314,911	1 147,815	3,645	3,179
41	21	97 543	16 048,268	293 269,985	18,274	17,809	91	71	13 341	242,998	832,904	3,428	2,962
42	22	97 385	15 332,311	277 221,717	18,081	17,615	92	72	10 516	183,301	589,906	3,218	2,753
43	23	97 231	14 648,855	261 889,405	17,878	17,412	93	73	8 039	134,092	406,605	3,032	2,567
44	24	97 060	13 993,399	247 240,551	17,668	17,203	94	74	5 969	95,265	272,513	2,861	2,395
45	25	96 876	13 365,400	233 247,151	17,452	16,986	95	75	4 278	65,347	177,248	2,712	2,247
46	26	96 675	12 763,338	219 881,752	17,228	16,762	96	76	2 973	43,449	111,900	2,575	2,110
47	27	96 458	12 186,354	207 118,414	16,996	16,530	97	77	1 992	27,868	68,451	2,456	1,991
48	28	96 213	11 631,952	194 932,060	16,758	16,293	98	78	1 297	17,363	40,583	2,337	1,872
49	29	95 938	11 099,201	183 300,108	16,515	16,049	99	79	818	10,474	23,220	2,217	1,751
							100	80	491	6,016	12,746	2,119	1,653

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	10 590,052	172 424,074	16,282	15,816
1							51	30	95 325	10 098,964	161 834,021	16,025	15,559
2							52	31	94 957	9 626,780	151 735,057	15,762	15,296
3							53	32	94 547	9 172,464	142 108,277	15,493	15,027
4							54	33	94 089	8 734,921	132 935,813	15,219	14,753
5							55	34	93 585	8 314,000	124 200,892	14,939	14,473
6							56	35	93 017	7 907,716	115 886,893	14,655	14,189
7							57	36	92 385	7 515,753	107 979,176	14,367	13,901
8							58	37	91 688	7 137,857	100 463,423	14,075	13,609
9							59	38	90 934	6 774,305	93 325,566	13,776	13,311
10							60	39	90 094	6 422,697	86 551,261	13,476	13,010
11							61	40	89 175	6 083,439	80 128,564	13,172	12,706
12							62	41	88 174	5 756,159	74 045,125	12,864	12,398
13							63	42	87 074	5 439,556	68 288,966	12,554	12,089
14							64	43	85 877	5 133,738	62 849,410	12,242	11,777
15							65	44	84 587	4 838,898	57 715,672	11,927	11,462
16							66	45	83 210	4 555,124	52 876,774	11,608	11,143
17							67	46	81 724	4 281,132	48 321,650	11,287	10,822
18							68	47	80 151	4 017,943	44 040,518	10,961	10,495
19							69	48	78 475	3 764,515	40 022,575	10,632	10,166
20							70	49	76 704	3 521,108	36 258,060	10,297	9,832
21	0	99 329	39 412,386	825 302,920	20,940	20,475	71	50	74 851	3 288,084	32 736,952	9,956	9,491
22	1	99 001	37 590,924	785 890,534	20,906	20,441	72	51	72 850	3 062,369	29 448,867	9,616	9,151
23	2	98 938	35 949,098	748 299,610	20,816	20,350	73	52	70 788	2 847,547	26 386,499	9,266	8,801
24	3	98 883	34 382,077	712 350,512	20,719	20,253	74	53	68 596	2 640,532	23 538,952	8,914	8,449
25	4	98 828	32 883,159	677 968,435	20,617	20,152	75	54	66 292	2 441,962	20 898,419	8,558	8,092
26	5	98 775	31 450,344	645 085,275	20,511	20,046	76	55	63 846	2 250,580	18 456,458	8,201	7,735
27	6	98 725	30 080,717	613 634,931	20,400	19,934	77	56	61 264	2 066,564	16 205,877	7,842	7,376
28	7	98 674	28 770,329	583 554,213	20,283	19,818	78	57	58 598	1 891,534	14 139,313	7,475	7,009
29	8	98 623	27 517,370	554 783,885	20,161	19,696	79	58	55 767	1 722,638	12 247,778	7,110	6,644
30	9	98 568	26 317,524	527 266,515	20,035	19,569	80	59	52 787	1 560,364	10 525,140	6,745	6,280
31	10	98 510	25 169,596	500 948,990	19,903	19,437	81	60	49 612	1 403,340	8 964,776	6,388	5,923
32	11	98 448	24 070,583	475 779,394	19,766	19,300	82	61	46 287	1 252,922	7 561,436	6,035	5,569
33	12	98 381	23 018,209	451 708,811	19,624	19,158	83	62	42 834	1 109,527	6 308,514	5,686	5,220
34	13	98 305	22 010,160	428 690,602	19,477	19,011	84	63	39 209	971,884	5 198,987	5,349	4,884
35	14	98 228	21 045,889	406 680,442	19,324	18,858	85	64	35 455	840,997	4 227,103	5,026	4,561
36	15	98 145	20 122,545	385 634,553	19,164	18,699	86	65	31 606	717,412	3 386,105	4,720	4,254
37	16	98 047	19 236,791	365 512,009	19,001	18,535	87	66	27 757	602,924	2 668,694	4,426	3,961
38	17	97 937	18 387,698	346 275,217	18,832	18,366	88	67	23 964	498,113	2 065,770	4,147	3,682
39	18	97 825	17 575,726	327 887,519	18,656	18,190	89	68	20 256	402,916	1 567,657	3,891	3,425
40	19	97 696	16 796,730	310 311,793	18,475	18,009	90	69	16 738	318,590	1 164,741	3,656	3,190
41	20	97 559	16 050,896	293 515,062	18,287	17,821	91	70	13 510	246,087	846,151	3,438	2,973
42	21	97 401	15 334,915	277 464,167	18,094	17,628	92	71	10 664	185,868	600,064	3,228	2,763
43	22	97 247	14 651,313	262 129,252	17,891	17,426	93	72	8 161	136,127	414,196	3,043	2,577
44	23	97 076	13 995,689	247 477,939	17,682	17,217	94	73	6 070	96,887	278,069	2,870	2,404
45	24	96 892	13 367,595	233 482,250	17,466	17,001	95	74	4 358	66,558	181,183	2,722	2,257
46	25	96 694	12 765,819	220 114,655	17,243	16,777	96	75	3 034	44,341	114,625	2,585	2,119
47	26	96 475	12 188,527	207 348,836	17,012	16,546	97	76	2 038	28,499	70,283	2,466	2,001
48	27	96 233	11 634,393	195 160,309	16,774	16,309	98	77	1 329	17,789	41,784	2,349	1,883
49	28	95 961	11 101,843	183 525,916	16,531	16,066	99	78	841	10,766	23,995	2,229	1,763
							100	79	506	6,207	13,228	2,131	1,666

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	28	95 679	10 592,573	172 627,606	16,297	15,831
1							51	29	95 349	10 101,457	162 035,033	16,041	15,575
2							52	30	94 984	9 629,503	151 933,576	15,778	15,312
3							53	31	94 578	9 175,418	142 304,073	15,509	15,044
4							54	32	94 121	8 737,856	133 128,655	15,236	14,770
5							55	33	93 618	8 316,912	124 390,799	14,956	14,491
6							56	34	93 053	7 910,737	116 073,886	14,673	14,207
7							57	35	92 428	7 519,264	108 163,149	14,385	13,919
8							58	36	91 732	7 141,263	100 643,886	14,093	13,628
9							59	37	90 980	6 777,728	93 502,623	13,796	13,330
10							60	38	90 144	6 426,257	86 724,895	13,495	13,030
11							61	39	89 233	6 087,399	80 298,638	13,191	12,725
12							62	40	88 230	5 759,806	74 211,238	12,884	12,419
13							63	41	87 138	5 443,546	68 451,432	12,575	12,109
14							64	42	85 946	5 137,884	63 007,886	12,263	11,798
15							65	43	84 663	4 843,236	57 870,003	11,949	11,483
16							66	44	83 289	4 559,437	53 026,767	11,630	11,165
17							67	45	81 812	4 285,742	48 467,330	11,309	10,843
18							68	46	80 246	4 022,706	44 181,588	10,983	10,517
19							69	47	78 577	3 769,413	40 158,882	10,654	10,188
20							70	48	76 821	3 526,458	36 389,469	10,319	9,853
21							71	49	74 978	3 293,631	32 863,011	9,978	9,512
22	0	99 289	37 699,947	786 269,117	20,856	20,390	72	50	72 985	3 068,026	29 569,380	9,638	9,172
23	1	98 960	35 957,095	748 569,170	20,818	20,353	73	51	70 935	2 853,473	26 501,354	9,287	8,822
24	2	98 896	34 386,596	712 612,074	20,724	20,258	74	52	68 747	2 646,366	23 647,881	8,936	8,470
25	3	98 838	32 886,438	678 225,479	20,623	20,158	75	53	66 457	2 448,030	21 001,516	8,579	8,113
26	4	98 785	31 453,240	645 339,040	20,517	20,052	76	54	64 022	2 256,796	18 553,486	8,221	7,756
27	5	98 732	30 082,761	613 885,801	20,407	19,941	77	55	61 455	2 073,016	16 296,690	7,861	7,396
28	6	98 681	28 772,429	583 803,039	20,290	19,825	78	56	58 797	1 897,953	14 223,673	7,494	7,029
29	7	98 628	27 518,681	555 030,610	20,169	19,704	79	57	55 978	1 729,134	12 325,721	7,128	6,663
30	8	98 575	26 319,421	527 511,929	20,043	19,577	80	58	53 008	1 566,904	10 596,587	6,763	6,297
31	9	98 515	25 170,934	501 192,508	19,912	19,446	81	59	49 843	1 409,874	9 029,684	6,405	5,939
32	10	98 454	24 071,921	476 021,574	19,775	19,309	82	60	46 526	1 259,379	7 619,810	6,050	5,585
33	11	98 388	23 019,979	451 949,653	19,633	19,167	83	61	43 075	1 115,759	6 360,431	5,701	5,235
34	12	98 312	22 011,551	428 929,674	19,487	19,021	84	62	39 450	977,871	5 244,671	5,363	4,898
35	13	98 236	21 047,552	406 918,123	19,333	18,868	85	63	35 696	846,721	4 266,801	5,039	4,574
36	14	98 154	20 124,401	385 870,570	19,174	18,709	86	64	31 842	722,767	3 420,079	4,732	4,266
37	15	98 059	19 239,019	365 746,169	19,011	18,545	87	65	27 982	607,794	2 697,313	4,438	3,972
38	16	97 949	18 390,049	346 507,150	18,842	18,376	88	66	24 176	502,514	2 089,518	4,158	3,693
39	17	97 837	17 578,005	328 117,101	18,666	18,201	89	67	20 448	406,722	1 587,005	3,902	3,436
40	18	97 712	16 799,457	310 539,096	18,485	18,019	90	68	16 910	321,874	1 180,283	3,667	3,201
41	19	97 575	16 053,534	293 739,638	18,298	17,832	91	69	13 668	248,962	858,408	3,448	2,982
42	20	97 417	15 337,425	277 686,104	18,105	17,640	92	70	10 799	188,231	609,447	3,238	2,772
43	21	97 264	14 653,801	262 348,679	17,903	17,438	93	71	8 276	138,034	421,216	3,052	2,586
44	22	97 092	13 998,037	247 694,878	17,695	17,229	94	72	6 162	98,357	283,182	2,879	2,414
45	23	96 908	13 369,782	233 696,840	17,479	17,014	95	73	4 432	67,691	184,825	2,730	2,265
46	24	96 710	12 767,917	220 327,058	17,256	16,791	96	74	3 090	45,163	117,134	2,594	2,128
47	25	96 494	12 190,897	207 559,141	17,026	16,560	97	75	2 079	29,085	71,972	2,475	2,009
48	26	96 251	11 636,467	195 368,245	16,789	16,324	98	76	1 359	18,192	42,887	2,357	1,892
49	27	95 981	11 104,172	183 731,778	16,546	16,081	99	77	861	11,030	24,695	2,239	1,773
							100	78	521	6,380	13,664	2,142	1,676

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	10 594,795	172 813,091	16,311	15,846
1							51	28	95 371	10 103,862	162 218,296	16,055	15,589
2							52	29	95 008	9 631,880	152 114,434	15,793	15,327
3							53	30	94 605	9 178,014	142 482,554	15,524	15,059
4							54	31	94 151	8 740,671	133 304,541	15,251	14,785
5							55	32	93 649	8 319,707	124 563,870	14,972	14,507
6							56	33	93 085	7 913,508	116 244,163	14,689	14,224
7							57	34	92 463	7 522,136	108 330,655	14,402	13,936
8							58	35	91 775	7 144,599	100 808,519	14,110	13,644
9							59	36	91 023	6 780,961	93 663,920	13,813	13,347
10							60	37	90 189	6 429,504	86 882,959	13,513	13,048
11							61	38	89 282	6 090,774	80 453,455	13,209	12,743
12							62	39	88 288	5 763,556	74 362,681	12,902	12,437
13							63	40	87 193	5 446,995	68 599,124	12,594	12,128
14							64	41	86 009	5 141,652	63 152,130	12,282	11,817
15							65	42	84 732	4 847,147	58 010,478	11,968	11,502
16							66	43	83 363	4 563,524	53 163,331	11,650	11,184
17							67	44	81 890	4 289,799	48 599,807	11,329	10,864
18							68	45	80 333	4 027,038	44 310,007	11,003	10,538
19							69	46	78 671	3 773,882	40 282,969	10,674	10,209
20							70	47	76 921	3 531,046	36 509,087	10,339	9,874
21							71	48	75 092	3 298,636	32 978,041	9,997	9,532
22							72	49	73 108	3 073,201	29 679,405	9,657	9,192
23	0	99 247	36 061,380	748 919,834	20,768	20,302	73	50	71 066	2 858,744	26 606,204	9,307	8,841
24	1	98 918	34 394,245	712 858,453	20,726	20,260	74	51	68 890	2 651,872	23 747,460	8,955	8,489
25	2	98 851	32 890,760	678 464,208	20,628	20,162	75	52	66 603	2 453,438	21 095,588	8,598	8,133
26	3	98 794	31 456,376	645 573,448	20,523	20,057	76	53	64 181	2 262,404	18 642,150	8,240	7,774
27	4	98 741	30 085,531	614 117,072	20,412	19,947	77	54	61 625	2 078,742	16 379,746	7,880	7,414
28	5	98 688	28 774,384	584 031,541	20,297	19,831	78	55	58 981	1 903,878	14 301,004	7,512	7,046
29	6	98 635	27 520,690	555 257,157	20,176	19,710	79	56	56 168	1 735,001	12 397,126	7,145	6,680
30	7	98 579	26 320,675	527 736,466	20,050	19,585	80	57	53 208	1 572,811	10 662,126	6,779	6,313
31	8	98 523	25 172,748	501 415,792	19,919	19,453	81	58	50 051	1 415,783	9 089,314	6,420	5,954
32	9	98 459	24 073,201	476 243,044	19,783	19,318	82	59	46 742	1 265,243	7 673,531	6,065	5,599
33	10	98 394	23 021,259	452 169,843	19,641	19,176	83	60	43 297	1 121,509	6 408,289	5,714	5,248
34	11	98 319	22 013,244	429 148,584	19,495	19,029	84	61	39 672	983,364	5 286,780	5,376	4,911
35	12	98 242	21 048,883	407 135,340	19,342	18,877	85	62	35 916	851,937	4 303,415	5,051	4,586
36	13	98 162	20 125,992	386 086,457	19,183	18,718	86	63	32 059	727,686	3 451,479	4,743	4,277
37	14	98 068	19 240,794	365 960,465	19,020	18,554	87	64	28 191	612,331	2 723,793	4,448	3,983
38	15	97 961	18 392,179	346 719,671	18,851	18,386	88	65	24 371	506,573	2 111,462	4,168	3,703
39	16	97 850	17 580,253	328 327,493	18,676	18,210	89	66	20 628	410,315	1 604,888	3,911	3,446
40	17	97 724	16 801,636	310 747,240	18,495	18,029	90	67	17 070	324,915	1 194,573	3,677	3,211
41	18	97 591	16 056,140	293 945,604	18,307	17,842	91	68	13 809	251,528	869,658	3,457	2,992
42	19	97 433	15 339,947	277 889,464	18,115	17,650	92	69	10 925	190,430	618,130	3,246	2,780
43	20	97 280	14 656,200	262 549,517	17,914	17,448	93	70	8 381	139,788	427,701	3,060	2,594
44	21	97 109	14 000,414	247 893,317	17,706	17,241	94	71	6 249	99,735	287,912	2,887	2,421
45	22	96 924	13 372,026	233 892,903	17,491	17,026	95	72	4 499	68,718	188,177	2,738	2,273
46	23	96 725	12 770,005	220 520,877	17,269	16,803	96	73	3 142	45,932	119,459	2,601	2,135
47	24	96 510	12 192,900	207 750,872	17,039	16,573	97	74	2 118	29,623	73,528	2,482	2,016
48	25	96 269	11 638,730	195 557,972	16,802	16,337	98	75	1 387	18,566	43,904	2,365	1,899
49	26	95 998	11 106,151	183 919,242	16,560	16,095	99	76	881	11,280	25,339	2,246	1,781
							100	77	533	6,537	14,058	2,151	1,685

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	10 596,684	172 981,931	16,324	15,859
1							51	27	95 391	10 105,981	162 385,247	16,068	15,603
2							52	28	95 030	9 634,173	152 279,265	15,806	15,341
3							53	29	94 628	9 180,279	142 645,092	15,538	15,073
4							54	30	94 178	8 743,143	133 464,813	15,265	14,799
5							55	31	93 679	8 322,387	124 721,670	14,986	14,521
6							56	32	93 117	7 916,167	116 399,284	14,704	14,238
7							57	33	92 496	7 524,771	108 483,116	14,417	13,951
8							58	34	91 810	7 147,328	100 958,345	14,125	13,660
9							59	35	91 066	6 784,129	93 811,017	13,828	13,362
10							60	36	90 232	6 432,571	87 026,888	13,529	13,063
11							61	37	89 328	6 093,851	80 594,317	13,226	12,760
12							62	38	88 337	5 766,752	74 500,466	12,919	12,453
13							63	39	87 250	5 450,541	68 733,714	12,610	12,145
14							64	40	86 064	5 144,910	63 283,173	12,300	11,835
15							65	41	84 794	4 850,702	58 138,264	11,986	11,520
16							66	42	83 431	4 567,209	53 287,561	11,667	11,202
17							67	43	81 963	4 293,645	48 720,352	11,347	10,881
18							68	44	80 409	4 030,851	44 426,707	11,022	10,556
19							69	45	78 755	3 777,946	40 395,856	10,693	10,227
20							70	46	77 012	3 535,233	36 617,911	10,358	9,892
21							71	47	75 189	3 302,927	33 082,678	10,016	9,551
22							72	48	73 219	3 077,871	29 779,751	9,675	9,210
23							73	49	71 186	2 863,566	26 701,880	9,325	8,859
24	0	99 205	34 493,998	713 183,365	20,676	20,210	74	50	69 018	2 656,771	23 838,314	8,973	8,507
25	1	98 873	32 898,077	678 689,367	20,630	20,164	75	51	66 742	2 458,543	21 181,543	8,615	8,150
26	2	98 807	31 460,510	645 791,290	20,527	20,061	76	52	64 323	2 267,402	18 723,000	8,257	7,792
27	3	98 751	30 088,530	614 330,780	20,417	19,952	77	53	61 778	2 083,907	16 455,597	7,897	7,431
28	4	98 697	28 777,033	584 242,249	20,302	19,837	78	54	59 144	1 909,136	14 371,691	7,528	7,062
29	5	98 642	27 522,560	555 465,216	20,182	19,717	79	55	56 343	1 740,418	12 462,554	7,161	6,695
30	6	98 586	26 322,597	527 942,656	20,057	19,591	80	56	53 389	1 578,148	10 722,137	6,794	6,329
31	7	98 527	25 173,947	501 620,059	19,926	19,461	81	57	50 240	1 421,121	9 143,988	6,434	5,969
32	8	98 466	24 074,936	476 446,112	19,790	19,325	82	58	46 938	1 270,545	7 722,867	6,078	5,613
33	9	98 399	23 022,483	452 371,176	19,649	19,183	83	59	43 498	1 126,731	6 452,322	5,727	5,261
34	10	98 325	22 014,468	429 348,693	19,503	19,037	84	60	39 876	988,432	5 325,591	5,388	4,922
35	11	98 250	21 050,502	407 334,226	19,350	18,885	85	61	36 118	856,722	4 337,160	5,063	4,597
36	12	98 168	20 127,264	386 283,724	19,192	18,726	86	62	32 256	732,168	3 480,437	4,754	4,288
37	13	98 075	19 242,314	366 156,460	19,029	18,563	87	63	28 382	616,499	2 748,269	4,458	3,992
38	14	97 970	18 393,875	346 914,145	18,860	18,395	88	64	24 553	510,355	2 131,770	4,177	3,711
39	15	97 861	17 582,288	328 520,270	18,685	18,219	89	65	20 795	413,630	1 621,416	3,920	3,454
40	16	97 737	16 803,784	310 937,982	18,504	18,038	90	66	17 221	327,786	1 207,786	3,685	3,219
41	17	97 603	16 058,222	294 134,198	18,317	17,851	91	67	13 940	253,904	880,000	3,466	3,000
42	18	97 449	15 342,437	278 075,975	18,125	17,659	92	68	11 038	192,393	626,096	3,254	2,789
43	19	97 296	14 658,609	262 733,538	17,923	17,458	93	69	8 479	141,421	433,703	3,067	2,601
44	20	97 124	14 002,706	248 074,929	17,716	17,251	94	70	6 328	101,003	292,282	2,894	2,428
45	21	96 940	13 374,297	234 072,222	17,502	17,036	95	71	4 562	69,681	191,280	2,745	2,279
46	22	96 742	12 772,148	220 697,926	17,280	16,814	96	72	3 190	46,629	121,599	2,608	2,142
47	23	96 526	12 194,894	207 925,778	17,050	16,585	97	73	2 154	30,128	74,970	2,488	2,023
48	24	96 285	11 640,642	195 730,883	16,814	16,349	98	74	1 413	18,910	44,843	2,371	1,906
49	25	96 017	11 108,311	184 090,242	16,572	16,107	99	75	899	11,512	25,933	2,253	1,787
							100	76	545	6,685	14,421	2,157	1,692

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	10 598,745	173 135,900	16,336	15,870
1							51	26	95 408	10 107,783	162 537,155	16,080	15,615
2							52	27	95 050	9 636,194	152 429,372	15,818	15,353
3							53	28	94 650	9 182,464	142 793,178	15,551	15,085
4							54	29	94 201	8 745,301	133 610,714	15,278	14,812
5							55	30	93 706	8 324,741	124 865,413	14,999	14,534
6							56	31	93 147	7 918,717	116 540,672	14,717	14,252
7							57	32	92 527	7 527,300	108 621,954	14,430	13,965
8							58	33	91 842	7 149,832	101 094,655	14,139	13,674
9							59	34	91 101	6 786,720	93 944,823	13,842	13,377
10							60	35	90 274	6 435,576	87 158,103	13,543	13,078
11							61	36	89 370	6 096,759	80 722,527	13,240	12,775
12							62	37	88 381	5 769,665	74 625,768	12,934	12,469
13							63	38	87 298	5 453,563	68 856,103	12,626	12,160
14							64	39	86 120	5 148,259	63 402,541	12,315	11,850
15							65	40	84 847	4 853,775	58 254,281	12,002	11,536
16							66	41	83 492	4 570,559	53 400,506	11,684	11,218
17							67	42	82 029	4 297,112	48 829,947	11,363	10,898
18							68	43	80 481	4 034,464	44 532,834	11,038	10,572
19							69	44	78 830	3 781,522	40 498,370	10,710	10,244
20							70	45	77 095	3 539,040	36 716,848	10,375	9,909
21							71	46	75 278	3 306,843	33 177,808	10,033	9,567
22							72	47	73 314	3 081,875	29 870,965	9,692	9,227
23							73	48	71 294	2 867,917	26 789,090	9,341	8,875
24							74	49	69 134	2 661,253	23 921,173	8,989	8,523
25	0	99 160	32 993,490	678 990,523	20,580	20,114	75	50	66 865	2 463,085	21 259,920	8,631	8,166
26	1	98 829	31 467,509	645 997,033	20,529	20,063	76	51	64 457	2 272,120	18 796,835	8,273	7,807
27	2	98 764	30 092,485	614 529,524	20,421	19,956	77	52	61 914	2 088,511	16 524,715	7,912	7,447
28	3	98 706	28 779,903	584 437,039	20,307	19,842	78	53	59 291	1 913,880	14 436,204	7,543	7,077
29	4	98 651	27 525,094	555 657,136	20,187	19,722	79	54	56 499	1 745,224	12 522,324	7,175	6,710
30	5	98 593	26 324,385	528 132,042	20,062	19,597	80	55	53 556	1 583,075	10 777,099	6,808	6,342
31	6	98 534	25 175,785	501 807,657	19,932	19,467	81	56	50 411	1 425,943	9 194,024	6,448	5,982
32	7	98 471	24 076,083	476 631,872	19,797	19,331	82	57	47 115	1 275,336	7 768,081	6,091	5,625
33	8	98 406	23 024,142	452 555,789	19,656	19,190	83	58	43 681	1 131,453	6 492,745	5,738	5,273
34	9	98 330	22 015,638	429 531,647	19,510	19,045	84	59	40 062	993,034	5 361,292	5,399	4,933
35	10	98 255	21 051,672	407 516,009	19,358	18,892	85	60	36 304	861,137	4 368,258	5,073	4,607
36	11	98 176	20 128,812	386 464,337	19,200	18,734	86	61	32 437	736,281	3 507,121	4,763	4,298
37	12	98 082	19 243,531	366 335,525	19,037	18,571	87	62	28 557	620,296	2 770,840	4,467	4,001
38	13	97 978	18 395,329	347 091,995	18,868	18,403	88	63	24 720	513,828	2 150,544	4,185	3,720
39	14	97 870	17 583,910	328 696,665	18,693	18,227	89	64	20 950	416,717	1 636,716	3,928	3,462
40	15	97 748	16 805,729	311 112,755	18,512	18,047	90	65	17 360	330,434	1 219,999	3,692	3,227
41	16	97 616	16 060,276	294 307,025	18,325	17,860	91	66	14 063	256,147	889,565	3,473	3,007
42	17	97 462	15 344,427	278 246,750	18,133	17,668	92	67	11 142	194,210	633,418	3,262	2,796
43	18	97 311	14 660,989	262 902,323	17,932	17,466	93	68	8 566	142,879	439,207	3,074	2,608
44	19	97 140	14 005,008	248 241,334	17,725	17,260	94	69	6 402	102,182	296,328	2,900	2,434
45	20	96 956	13 376,486	234 236,326	17,511	17,045	95	70	4 620	70,566	194,146	2,751	2,286
46	21	96 758	12 774,317	220 859,840	17,289	16,824	96	71	3 235	47,282	123,579	2,614	2,148
47	22	96 542	12 196,941	208 085,522	17,060	16,595	97	72	2 187	30,585	76,298	2,495	2,029
48	23	96 301	11 642,546	195 888,582	16,825	16,360	98	73	1 437	19,231	45,713	2,377	1,911
49	24	96 032	11 110,136	184 246,036	16,584	16,118	99	74	915	11,725	26,481	2,258	1,793
							100	75	557	6,822	14,756	2,163	1,697

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 102 737,417	21,027	20,561	50	50	94 198	9 254,274	137 657,127	14,875	14,409
1	1	99 373	94 867,011	2 002 737,417	21,111	20,645	51	51	93 723	8 790,003	128 402,852	14,608	14,142
2	2	99 327	90 523,141	1 907 870,406	21,076	20,610	52	52	93 193	8 344,024	119 612,850	14,335	13,869
3	3	99 301	86 395,423	1 817 347,265	21,035	20,569	53	53	92 616	7 916,336	111 268,825	14,056	13,590
4	4	99 279	82 459,732	1 730 951,842	20,991	20,525	54	54	91 970	7 504,601	103 352,490	13,772	13,306
5	5	99 259	78 704,280	1 648 492,111	20,945	20,479	55	55	91 257	7 108,782	95 847,889	13,483	13,017
6	6	99 243	75 123,418	1 569 787,830	20,896	20,430	56	56	90 456	6 726,832	88 739,107	13,192	12,726
7	7	99 227	71 705,173	1 494 664,412	20,845	20,379	57	57	89 579	6 359,544	82 012,276	12,896	12,430
8	8	99 212	68 443,714	1 422 959,239	20,790	20,324	58	58	88 612	6 005,599	75 652,732	12,597	12,131
9	9	99 198	65 330,376	1 354 515,525	20,733	20,267	59	59	87 560	5 665,242	69 647,132	12,294	11,828
10	10	99 184	62 359,580	1 289 185,149	20,673	20,207	60	60	86 397	5 336,502	63 981,890	11,989	11,523
11	11	99 172	59 524,076	1 226 825,570	20,611	20,145	61	61	85 133	5 019,970	58 645,388	11,682	11,216
12	12	99 157	56 816,597	1 167 301,494	20,545	20,079	62	62	83 760	4 715,082	53 625,418	11,373	10,907
13	13	99 142	54 231,958	1 110 484,897	20,477	20,011	63	63	82 269	4 421,134	48 910,336	11,063	10,597
14	14	99 125	51 763,850	1 056 252,939	20,405	19,939	64	64	80 655	4 137,813	44 489,203	10,752	10,286
15	15	99 104	49 405,900	1 004 489,089	20,331	19,865	65	65	78 926	3 865,498	40 351,390	10,439	9,973
16	16	99 077	47 152,747	955 083,189	20,255	19,789	66	66	77 091	3 604,442	36 485,892	10,122	9,656
17	17	99 041	44 998,509	907 930,442	20,177	19,711	67	67	75 132	3 353,559	32 881,449	9,805	9,339
18	18	99 002	42 940,981	862 931,934	20,096	19,630	68	68	73 083	3 114,187	29 527,890	9,482	9,016
19	19	98 948	40 971,301	819 990,953	20,014	19,548	69	69	70 917	2 884,846	26 413,703	9,156	8,690
20	20	98 892	39 091,205	779 019,651	19,928	19,462	70	70	68 620	2 664,839	23 528,856	8,829	8,363
21	21	98 835	37 297,067	739 928,447	19,839	19,373	71	71	66 234	2 455,518	20 864,018	8,497	8,031
22	22	98 778	35 585,348	702 631,379	19,745	19,279	72	72	63 690	2 254,136	18 408,499	8,167	7,701
23	23	98 720	33 951,753	667 046,031	19,647	19,181	73	73	61 089	2 064,038	16 154,364	7,827	7,361
24	24	98 662	32 393,257	633 094,278	19,544	19,078	74	74	58 335	1 881,608	14 090,325	7,488	7,022
25	25	98 601	30 905,107	600 701,021	19,437	18,971	75	75	55 488	1 708,610	12 208,718	7,145	6,679
26	26	98 538	29 484,917	569 795,914	19,325	18,859	76	76	52 510	1 543,589	10 500,108	6,802	6,336
27	27	98 477	28 130,474	540 310,997	19,207	18,741	77	77	49 424	1 386,995	8 956,519	6,457	5,991
28	28	98 412	26 837,160	512 180,523	19,085	18,619	78	78	46 298	1 240,369	7 569,524	6,103	5,637
29	29	98 343	25 602,256	485 343,363	18,957	18,491	79	79	43 025	1 100,392	6 329,155	5,752	5,286
30	30	98 271	24 423,208	459 741,108	18,824	18,358	80	80	39 636	967,760	5 228,763	5,403	4,937
31	31	98 191	23 296,809	435 317,899	18,686	18,220	81	81	36 105	841,577	4 261,003	5,063	4,597
32	32	98 103	22 220,475	412 021,090	18,542	18,076	82	82	32 491	722,991	3 419,426	4,730	4,264
33	33	98 010	21 192,784	389 800,615	18,393	17,927	83	83	28 815	612,116	2 696,435	4,405	3,939
34	34	97 907	20 210,509	368 607,831	18,238	17,772	84	84	25 074	508,489	2 084,319	4,099	3,633
35	35	97 801	19 273,122	348 397,322	18,077	17,611	85	85	21 372	413,755	1 575,831	3,809	3,343
36	36	97 682	18 376,686	329 124,200	17,910	17,444	86	86	17 779	328,597	1 162,076	3,536	3,070
37	37	97 549	17 519,525	310 747,514	17,737	17,271	87	87	14 398	254,041	833,478	3,281	2,815
38	38	97 402	16 699,962	293 227,989	17,559	17,093	88	88	11 298	190,296	579,438	3,045	2,579
39	39	97 249	15 917,661	276 528,026	17,372	16,906	89	89	8 548	137,447	389,141	2,831	2,365
40	40	97 074	15 168,437	260 610,365	17,181	16,715	90	90	6 217	95,430	251,694	2,637	2,171
41	41	96 892	14 453,531	245 441,928	16,981	16,515	91	91	4 330	63,451	156,264	2,463	1,997
42	42	96 681	13 768,004	230 988,397	16,777	16,311	92	92	2 887	40,384	92,813	2,298	1,832
43	43	96 466	13 114,496	217 220,394	16,563	16,097	93	93	1 819	24,296	52,429	2,158	1,692
44	44	96 226	12 488,644	204 105,898	16,343	15,877	94	94	1 086	13,845	28,133	2,032	1,566
45	45	95 968	11 890,405	191 617,254	16,115	15,649	95	95	611	7,435	14,288	1,922	1,456
46	46	95 685	11 317,701	179 726,850	15,880	15,414	96	96	323	3,754	6,853	1,826	1,360
47	47	95 375	10 769,433	168 409,148	15,638	15,172	97	97	160	1,770	3,099	1,751	1,285
48	48	95 029	10 243,783	157 639,715	15,389	14,923	98	98	75	0,795	1,329	1,672	1,206
49	49	94 635	9 738,806	147 395,932	15,135	14,669	99	99	33	0,335	0,534	1,595	1,129
							100	100	13	0,130	0,199	1,534	1,068

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	2 100 861,944	21,070	20,604	50	51	94 025	9 237,210	136 464,342	14,773	14,307
1	2	99 351	94 845,912	2 001 151,131	21,099	20,633	51	52	93 528	8 771,750	127 227,132	14,504	14,038
2	3	99 314	90 511,246	1 906 305,220	21,062	20,596	52	53	92 988	8 325,631	118 455,382	14,228	13,762
3	4	99 291	86 386,809	1 815 793,974	21,019	20,553	53	54	92 387	7 896,714	110 129,751	13,946	13,480
4	5	99 270	82 452,141	1 729 407,165	20,975	20,509	54	55	91 717	7 483,931	102 233,037	13,660	13,194
5	6	99 252	78 698,933	1 646 955,023	20,927	20,461	55	56	90 973	7 086,656	94 749,106	13,370	12,904
6	7	99 236	75 117,933	1 568 256,091	20,877	20,411	56	57	90 150	6 704,084	87 662,450	13,076	12,610
7	8	99 222	71 701,758	1 493 138,158	20,824	20,358	57	58	89 242	6 335,656	80 958,365	12,778	12,312
8	9	99 205	68 438,781	1 421 436,400	20,769	20,303	58	59	88 242	5 980,534	74 702,710	12,478	12,012
9	10	99 192	65 326,904	1 352 997,619	20,711	20,245	59	60	87 154	5 638,987	68 642,175	12,173	11,707
10	11	99 179	62 356,113	1 287 670,715	20,650	20,184	60	61	85 954	5 309,143	63 003,188	11,867	11,401
11	12	99 164	59 519,498	1 225 314,602	20,587	20,121	61	62	84 657	4 991,927	57 694,045	11,557	11,091
12	13	99 151	56 813,006	1 165 795,104	20,520	20,054	62	63	83 248	4 686,216	52 702,118	11,246	10,780
13	14	99 134	54 227,672	1 108 982,098	20,450	19,984	63	64	81 713	4 391,246	48 015,902	10,934	10,468
14	15	99 116	51 759,075	1 054 754,426	20,378	19,912	64	65	80 057	4 107,157	43 624,655	10,622	10,156
15	16	99 092	49 400,180	1 002 995,352	20,303	19,837	65	66	78 293	3 834,521	39 517,499	10,306	9,840
16	17	99 064	47 146,719	953 595,171	20,226	19,760	66	67	76 416	3 572,376	35 682,978	9,987	9,521
17	18	99 029	44 992,674	906 448,453	20,147	19,681	67	68	74 429	3 322,177	32 110,102	9,665	9,199
18	19	98 986	42 934,011	861 455,778	20,065	19,599	68	69	72 338	3 082,410	28 787,925	9,339	8,873
19	20	98 932	40 964,567	818 521,767	19,981	19,515	69	70	70 098	2 851,537	25 705,515	9,015	8,549
20	21	98 875	39 084,806	777 557,200	19,894	19,428	70	71	67 759	2 631,390	22 853,978	8,685	8,219
21	22	98 818	37 290,735	738 472,394	19,803	19,337	71	72	65 319	2 421,596	20 222,588	8,351	7,885
22	23	98 761	35 579,378	701 181,660	19,708	19,242	72	73	62 738	2 220,441	17 800,991	8,017	7,551
23	24	98 704	33 946,200	665 602,282	19,608	19,142	73	74	60 066	2 029,494	15 580,550	7,677	7,211
24	25	98 646	32 387,935	631 656,082	19,503	19,037	74	75	57 274	1 847,377	13 551,056	7,335	6,869
25	26	98 582	30 899,099	599 268,147	19,394	18,928	75	76	54 371	1 674,233	11 703,679	6,990	6,524
26	27	98 521	29 479,662	568 369,048	19,280	18,814	76	77	51 346	1 509,400	10 029,445	6,645	6,179
27	28	98 457	28 124,574	538 889,386	19,161	18,695	77	78	48 241	1 353,792	8 520,045	6,293	5,827
28	29	98 389	26 830,773	510 764,812	19,037	18,571	78	79	45 039	1 206,621	7 166,253	5,939	5,473
29	30	98 319	25 595,938	483 934,039	18,907	18,441	79	80	41 699	1 066,491	5 959,631	5,588	5,122
30	31	98 243	24 416,302	458 338,101	18,772	18,306	80	81	38 238	933,635	4 893,140	5,241	4,775
31	32	98 159	23 289,307	433 921,800	18,632	18,166	81	82	34 646	807,564	3 959,505	4,903	4,437
32	33	98 070	22 213,011	410 632,492	18,486	18,020	82	83	30 964	689,009	3 151,941	4,575	4,109
33	34	97 976	21 185,362	388 419,481	18,334	17,868	83	84	27 224	578,329	2 462,932	4,259	3,793
34	35	97 870	20 202,793	367 234,120	18,177	17,711	84	85	23 474	476,053	1 884,603	3,959	3,493
35	36	97 755	19 264,123	347 031,327	18,014	17,548	85	86	19 797	383,264	1 408,550	3,675	3,209
36	37	97 635	18 367,923	327 767,204	17,845	17,379	86	87	16 263	300,575	1 025,286	3,411	2,945
37	38	97 499	17 510,678	309 399,281	17,669	17,203	87	88	12 971	228,867	724,711	3,167	2,701
38	39	97 348	16 690,709	291 888,602	17,488	17,022	88	89	10 018	168,735	495,844	2,939	2,473
39	40	97 186	15 907,305	275 197,893	17,300	16,834	89	90	7 447	119,743	327,109	2,732	2,266
40	41	97 012	15 158,833	259 290,588	17,105	16,639	90	91	5 302	81,391	207,366	2,548	2,082
41	42	96 821	14 442,937	244 131,755	16,903	16,437	91	92	3 611	52,923	125,975	2,380	1,914
42	43	96 603	13 756,895	229 688,818	16,696	16,230	92	93	2 344	32,794	73,052	2,228	1,762
43	44	96 380	13 102,749	215 931,923	16,480	16,014	93	94	1 438	19,207	40,258	2,096	1,630
44	45	96 135	12 476,831	202 829,174	16,256	15,790	94	95	837	10,668	21,052	1,973	1,507
45	46	95 865	11 877,614	190 352,343	16,026	15,560	95	96	456	5,545	10,384	1,873	1,407
46	47	95 572	11 304,299	178 474,728	15,788	15,322	96	97	233	2,705	4,839	1,789	1,323
47	48	95 251	10 755,440	167 170,429	15,543	15,077	97	98	113	1,248	2,134	1,709	1,243
48	49	94 884	10 228,242	156 414,989	15,292	14,826	98	99	51	0,541	0,885	1,635	1,169
49	50	94 476	9 722,405	146 186,747	15,036	14,570	99	100	22	0,220	0,344	1,563	1,097

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	2 099 142,767	21,057	20,591	50	52	93 830	9 218,029	135 175,713	14,664	14,198
1	3	99 338	94 833,449	1 999 454,131	21,084	20,618	51	53	93 322	8 752,414	125 957,684	14,391	13,925
2	4	99 304	90 502,222	1 904 620,683	21,045	20,579	52	54	92 757	8 304,995	117 205,270	14,113	13,647
3	5	99 282	86 378,857	1 814 118,461	21,002	20,536	53	55	92 132	7 874,965	108 900,275	13,829	13,363
4	6	99 263	82 446,539	1 727 739,604	20,956	20,490	54	56	91 431	7 460,638	101 025,311	13,541	13,075
5	7	99 245	78 693,186	1 645 293,065	20,908	20,442	55	57	90 665	7 062,692	93 564,673	13,248	12,782
6	8	99 231	75 114,355	1 566 599,878	20,856	20,390	56	58	89 811	6 678,902	86 501,980	12,952	12,486
7	9	99 215	71 696,591	1 491 485,523	20,803	20,337	57	59	88 870	6 309,213	79 823,078	12,652	12,186
8	10	99 200	68 435,143	1 419 788,932	20,746	20,280	58	60	87 833	5 952,818	73 513,865	12,349	11,883
9	11	99 187	65 323,272	1 351 353,789	20,687	20,221	59	61	86 708	5 610,077	67 561,047	12,043	11,577
10	12	99 171	62 351,318	1 286 030,517	20,626	20,160	60	62	85 474	5 279,485	61 950,970	11,734	11,268
11	13	99 158	59 515,737	1 223 679,200	20,561	20,095	61	63	84 139	4 961,367	56 671,485	11,423	10,957
12	14	99 143	56 808,143	1 164 163,463	20,493	20,027	62	64	82 683	4 654,537	51 710,118	11,110	10,644
13	15	99 125	54 222,669	1 107 354,947	20,422	19,956	63	65	81 108	4 358,712	47 055,582	10,796	10,330
14	16	99 104	51 753,082	1 053 132,278	20,349	19,883	64	66	79 415	4 074,243	42 696,869	10,480	10,014
15	17	99 079	49 393,865	1 001 379,196	20,273	19,807	65	67	77 607	3 800,939	38 622,626	10,161	9,695
16	18	99 051	47 140,606	951 985,331	20,195	19,729	66	68	75 701	3 539,441	34 821,687	9,838	9,372
17	19	99 012	44 985,371	904 844,725	20,114	19,648	67	69	73 670	3 288,277	31 282,246	9,513	9,047
18	20	98 970	42 926,954	859 859,354	20,031	19,565	68	70	71 502	3 046,820	27 993,968	9,188	8,722
19	21	98 915	40 957,862	816 932,400	19,946	19,480	69	71	69 218	2 815,745	24 947,148	8,860	8,394
20	22	98 859	39 078,170	775 974,538	19,857	19,391	70	72	66 823	2 595,039	22 131,403	8,528	8,062
21	23	98 801	37 284,478	736 896,368	19,764	19,298	71	73	64 342	2 385,399	19 536,364	8,190	7,724
22	24	98 745	35 573,558	699 611,890	19,667	19,201	72	74	61 688	2 183,280	17 150,966	7,856	7,390
23	25	98 688	33 940,624	664 038,332	19,565	19,099	73	75	58 974	1 992,574	14 967,686	7,512	7,046
24	26	98 627	32 381,639	630 097,708	19,458	18,992	74	76	56 121	1 810,208	12 975,112	7,168	6,702
25	27	98 564	30 893,591	597 716,069	19,348	18,882	75	77	53 167	1 637,151	11 164,904	6,820	6,354
26	28	98 500	29 473,479	566 822,478	19,232	18,766	76	78	50 117	1 473,268	9 527,754	6,467	6,001
27	29	98 433	28 117,880	537 349,000	19,111	18,645	77	79	46 928	1 316,959	8 054,486	6,116	5,650
28	30	98 365	26 824,152	509 231,119	18,984	18,518	78	80	43 651	1 169,447	6 737,527	5,761	5,295
29	31	98 291	25 588,700	482 406,967	18,852	18,386	79	81	40 229	1 028,885	5 568,080	5,412	4,946
30	32	98 211	24 408,440	456 818,268	18,716	18,250	80	82	36 693	895,902	4 539,195	5,067	4,601
31	33	98 126	23 281,484	432 409,828	18,573	18,107	81	83	33 018	769,607	3 643,293	4,734	4,268
32	34	98 036	22 205,231	409 128,344	18,425	17,959	82	84	29 255	650,978	2 873,686	4,414	3,948
33	35	97 938	21 177,273	386 923,112	18,271	17,805	83	85	25 488	541,439	2 222,707	4,105	3,639
34	36	97 824	20 193,360	365 745,839	18,112	17,646	84	86	21 744	440,971	1 681,269	3,813	3,347
35	37	97 709	19 254,937	345 552,479	17,946	17,480	85	87	18 108	350,580	1 240,298	3,538	3,072
36	38	97 586	18 358,648	326 297,543	17,774	17,307	86	88	14 651	270,790	889,718	3,286	2,820
37	39	97 445	17 500,976	307 938,894	17,596	17,130	87	89	11 502	202,935	618,928	3,050	2,584
38	40	97 285	16 679,849	290 437,918	17,413	16,946	88	90	8 727	147,001	415,993	2,830	2,364
39	41	97 124	15 897,233	273 758,069	17,220	16,754	89	91	6 351	102,127	268,992	2,634	2,168
40	42	96 941	15 147,723	257 860,836	17,023	16,557	90	92	4 422	67,886	166,865	2,458	1,992
41	43	96 743	14 431,284	242 713,113	16,819	16,353	91	93	2 933	42,976	98,979	2,303	1,837
42	44	96 516	13 744,573	228 281,830	16,609	16,143	92	94	1 853	25,925	56,003	2,160	1,694
43	45	96 289	13 090,356	214 537,257	16,389	15,923	93	95	1 108	14,800	30,078	2,032	1,566
44	46	96 032	12 463,411	201 446,901	16,163	15,697	94	96	624	7,956	15,279	1,920	1,454
45	47	95 752	11 863,549	188 983,490	15,930	15,464	95	97	328	3,996	7,323	1,833	1,367
46	48	95 447	11 289,611	177 119,941	15,689	15,223	96	98	164	1,908	3,327	1,744	1,278
47	49	95 106	10 739,123	165 830,330	15,442	14,976	97	99	77	0,850	1,419	1,669	1,203
48	50	94 725	10 211,017	155 091,208	15,189	14,723	98	100	34	0,356	0,569	1,600	1,134
49	51	94 302	9 704,478	144 880,191	14,929	14,463							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	2 097 305,516	21,041	20,575	50	53	93 623	9 197,709	133 786,811	14,546	14,080
1	4	99 328	94 823,994	1 997 629,979	21,067	20,601	51	54	93 091	8 730,720	124 589,102	14,270	13,804
2	5	99 295	90 493,891	1 902 805,986	21,027	20,561	52	55	92 502	8 282,121	115 858,382	13,989	13,523
3	6	99 275	86 372,988	1 812 312,095	20,982	20,516	53	56	91 846	7 850,455	107 576,261	13,703	13,237
4	7	99 256	82 440,519	1 725 939,107	20,936	20,470	54	57	91 122	7 435,409	99 725,806	13,412	12,946
5	8	99 240	78 689,438	1 643 498,587	20,886	20,420	55	58	90 325	7 036,163	92 290,397	13,117	12,651
6	9	99 224	75 108,942	1 564 809,149	20,834	20,368	56	59	89 436	6 651,027	85 254,234	12,818	12,352
7	10	99 210	71 692,780	1 489 700,207	20,779	20,313	57	60	88 458	6 279,973	78 603,207	12,516	12,050
8	11	99 194	68 431,339	1 418 007,427	20,722	20,256	58	61	87 382	5 922,299	72 323,234	12,212	11,746
9	12	99 179	65 318,248	1 349 576,088	20,662	20,196	59	62	86 223	5 578,738	66 400,935	11,903	11,436
10	13	99 165	62 347,377	1 284 257,840	20,598	20,132	60	63	84 951	5 247,165	60 822,197	11,591	11,125
11	14	99 150	59 511,033	1 221 910,463	20,533	20,066	61	64	83 570	4 927,827	55 575,032	11,278	10,812
12	15	99 134	56 803,275	1 162 399,430	20,464	19,998	62	65	82 072	4 620,052	50 647,205	10,962	10,496
13	16	99 114	54 216,392	1 105 596,156	20,392	19,926	63	66	80 458	4 323,783	46 027,153	10,645	10,179
14	17	99 092	51 746,466	1 051 379,764	20,318	19,852	64	67	78 720	4 038,562	41 703,370	10,326	9,860
15	18	99 067	49 387,461	999 633,298	20,241	19,775	65	68	76 881	3 765,370	37 664,808	10,003	9,537
16	19	99 035	47 132,954	950 245,837	20,161	19,695	66	69	74 928	3 503,325	33 899,437	9,676	9,210
17	20	98 996	44 977,977	903 112,882	20,079	19,613	67	70	72 819	3 250,310	30 396,113	9,352	8,886
18	21	98 954	42 919,928	858 134,905	19,994	19,528	68	71	70 605	3 008,577	27 145,803	9,023	8,557
19	22	98 899	40 950,907	815 214,978	19,907	19,441	69	72	68 262	2 776,847	24 137,226	8,692	8,226
20	23	98 842	39 071,613	774 264,071	19,817	19,351	70	73	65 824	2 556,249	21 360,379	8,356	7,890
21	24	98 785	37 278,380	735 192,457	19,722	19,256	71	74	63 266	2 345,476	18 804,130	8,017	7,551
22	25	98 729	35 567,715	697 914,078	19,622	19,156	72	75	60 566	2 143,561	16 458,654	7,678	7,212
23	26	98 668	33 934,025	662 346,363	19,519	19,053	73	76	57 787	1 952,483	14 315,093	7,332	6,866
24	27	98 609	32 375,867	628 412,338	19,410	18,944	74	77	54 878	1 770,114	12 362,610	6,984	6,518
25	28	98 544	30 887,111	596 036,471	19,297	18,831	75	78	51 894	1 597,960	10 592,496	6,629	6,163
26	29	98 477	29 466,464	565 149,359	19,179	18,713	76	79	48 754	1 433,184	8 994,536	6,276	5,810
27	30	98 409	28 110,942	535 682,895	19,056	18,590	77	80	45 482	1 276,386	7 561,352	5,924	5,458
28	31	98 337	26 816,566	507 571,953	18,928	18,462	78	81	42 112	1 128,211	6 284,966	5,571	5,105
29	32	98 260	25 580,460	480 755,387	18,794	18,328	79	82	38 603	987,302	5 156,755	5,223	4,757
30	33	98 178	24 400,241	455 174,927	18,655	18,189	80	83	34 968	853,793	4 169,453	4,883	4,417
31	34	98 092	23 273,330	430 774,686	18,509	18,043	81	84	31 195	727,128	3 315,661	4,560	4,094
32	35	97 998	22 196,754	407 501,356	18,359	17,893	82	85	27 389	609,454	2 588,533	4,247	3,781
33	36	97 893	21 167,385	385 304,602	18,203	17,737	83	86	23 610	501,538	1 979,079	3,946	3,480
34	37	97 777	20 183,730	364 137,217	18,041	17,575	84	87	19 890	403,366	1 477,541	3,663	3,197
35	38	97 659	19 245,214	343 953,487	17,872	17,406	85	88	16 314	315,839	1 074,175	3,401	2,935
36	39	97 532	18 348,476	324 708,273	17,697	17,231	86	89	12 991	240,108	758,336	3,158	2,692
37	40	97 382	17 489,589	306 359,797	17,517	17,051	87	90	10 020	176,796	518,228	2,931	2,465
38	41	97 223	16 669,289	288 870,208	17,329	16,863	88	91	7 443	125,375	341,432	2,723	2,257
39	42	97 053	15 885,582	272 200,919	17,135	16,669	89	92	5 297	85,181	216,058	2,536	2,070
40	43	96 863	15 135,501	256 315,338	16,935	16,469	90	93	3 591	55,127	130,876	2,374	1,908
41	44	96 657	14 418,358	241 179,837	16,727	16,261	91	94	2 318	33,974	75,749	2,230	1,764
42	45	96 425	13 731,572	226 761,479	16,514	16,048	92	95	1 428	19,976	41,775	2,091	1,625
43	46	96 185	13 076,275	213 029,907	16,291	15,825	93	96	826	11,037	21,799	1,975	1,509
44	47	95 918	12 448,652	199 953,632	16,062	15,596	94	97	450	5,733	10,762	1,877	1,411
45	48	95 627	11 848,134	187 504,980	15,826	15,360	95	98	232	2,818	5,029	1,784	1,318
46	49	95 303	11 272,483	175 656,846	15,583	15,117	96	99	112	1,299	2,210	1,701	1,235
47	50	94 946	10 721,037	164 384,363	15,333	14,867	97	100	50	0,558	0,911	1,632	1,166
48	51	94 550	10 192,189	153 663,326	15,077	14,611							
49	52	94 106	9 684,326	143 471,137	14,815	14,349							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	2 095 333,242	21,024	20,558	50	54	93 391	9 174,912	132 292,265	14,419	13,953
1	5	99 319	94 815,265	1 995 667,643	21,048	20,582	51	55	92 834	8 706,673	123 117,354	14,141	13,675
2	6	99 288	90 487,742	1 900 852,378	21,007	20,541	52	56	92 214	8 256,343	114 410,681	13,857	13,391
3	7	99 268	86 366,682	1 810 364,636	20,961	20,495	53	57	91 535	7 823,908	106 154,337	13,568	13,102
4	8	99 251	82 436,593	1 723 997,954	20,913	20,447	54	58	90 780	7 407,480	98 330,429	13,274	12,808
5	9	99 233	78 683,767	1 641 561,361	20,863	20,397	55	59	89 948	7 006,797	90 922,950	12,976	12,510
6	10	99 219	75 104,950	1 562 877,594	20,809	20,343	56	60	89 022	6 620,203	83 916,153	12,676	12,210
7	11	99 204	71 688,794	1 487 772,644	20,753	20,287	57	61	88 005	6 247,777	77 295,950	12,372	11,906
8	12	99 187	68 426,076	1 416 083,850	20,695	20,229	58	62	86 894	5 889,216	71 048,172	12,064	11,598
9	13	99 173	65 314,120	1 347 657,774	20,633	20,167	59	63	85 695	5 544,585	65 158,957	11,752	11,286
10	14	99 157	62 342,449	1 282 343,653	20,569	20,103	60	64	84 376	5 211,693	59 614,371	11,439	10,973
11	15	99 141	59 505,543	1 220 001,204	20,502	20,036	61	65	82 951	4 891,318	54 402,678	11,122	10,656
12	16	99 122	56 796,699	1 160 495,661	20,432	19,966	62	66	81 415	4 583,029	49 511,360	10,803	10,337
13	17	99 101	54 209,461	1 103 698,963	20,360	19,894	63	67	79 753	4 285,916	44 928,332	10,483	10,017
14	18	99 079	51 739,757	1 049 489,502	20,284	19,818	64	68	77 983	4 000,769	40 642,415	10,159	9,693
15	19	99 050	49 379,444	997 749,745	20,206	19,740	65	69	76 097	3 726,949	36 641,646	9,832	9,366
16	20	99 019	47 125,207	948 370,301	20,124	19,658	66	70	74 063	3 462,874	32 914,697	9,505	9,039
17	21	98 980	44 970,615	901 245,093	20,041	19,575	67	71	71 905	3 209,513	29 451,823	9,176	8,710
18	22	98 937	42 912,640	856 274,478	19,954	19,488	68	72	69 630	2 967,015	26 242,310	8,845	8,379
19	23	98 882	40 944,037	813 361,839	19,865	19,399	69	73	67 242	2 735,339	23 275,296	8,509	8,043
20	24	98 826	39 065,223	772 417,802	19,773	19,307	70	74	64 723	2 513,467	20 539,957	8,172	7,706
21	25	98 769	37 272,256	733 352,579	19,676	19,210	71	75	62 115	2 302,807	18 026,489	7,828	7,362
22	26	98 710	35 560,800	696 080,323	19,574	19,108	72	76	59 347	2 100,433	15 723,682	7,486	7,020
23	27	98 651	33 927,977	660 519,524	19,468	19,002	73	77	56 507	1 909,238	13 623,249	7,135	6,669
24	28	98 589	32 369,076	626 591,546	19,358	18,892	74	78	53 564	1 727,740	11 714,011	6,780	6,314
25	29	98 520	30 879,760	594 222,470	19,243	18,777	75	79	50 482	1 554,484	9 986,271	6,424	5,958
26	30	98 452	29 459,193	563 342,710	19,123	18,657	76	80	47 252	1 389,030	8 431,788	6,070	5,604
27	31	98 381	28 102,992	533 883,517	18,997	18,531	77	81	43 879	1 231,378	7 042,758	5,719	5,253
28	32	98 305	26 807,931	505 780,524	18,867	18,401	78	82	40 410	1 082,614	5 811,380	5,368	4,902
29	33	98 227	25 571,867	478 972,593	18,730	18,264	79	83	36 788	940,897	4 728,766	5,026	4,560
30	34	98 144	24 391,695	453 400,725	18,588	18,122	80	84	33 038	806,667	3 787,869	4,696	4,230
31	35	98 055	23 264,445	429 009,030	18,441	17,975	81	85	29 205	680,746	2 981,202	4,379	3,913
32	36	97 953	22 186,389	405 744,586	18,288	17,822	82	86	25 370	564,541	2 300,457	4,075	3,609
33	37	97 846	21 157,291	383 558,197	18,129	17,663	83	87	21 596	458,768	1 735,916	3,784	3,318
34	38	97 728	20 173,539	362 400,906	17,964	17,498	84	88	17 919	363,394	1 277,148	3,514	3,048
35	39	97 605	19 234,550	342 227,367	17,792	17,326	85	89	14 466	280,053	913,754	3,263	2,797
36	40	97 468	18 336,537	322 992,816	17,615	17,149	86	90	11 318	209,181	633,700	3,029	2,563
37	41	97 320	17 478,516	304 656,279	17,430	16,964	87	91	8 546	150,786	424,520	2,815	2,349
38	42	97 152	16 657,071	287 177,763	17,241	16,775	88	92	6 208	104,571	273,734	2,618	2,152
39	43	96 975	15 872,764	270 520,692	17,043	16,577	89	93	4 302	69,172	169,162	2,446	1,980
40	44	96 776	15 121,944	254 647,928	16,840	16,374	90	94	2 839	43,580	99,990	2,294	1,828
41	45	96 565	14 404,720	239 525,984	16,628	16,162	91	95	1 786	26,179	56,410	2,155	1,689
42	46	96 321	13 716,802	225 121,264	16,412	15,946	92	96	1 065	14,897	30,232	2,029	1,563
43	47	96 071	13 060,790	211 404,462	16,186	15,720	93	97	596	7,954	15,334	1,928	1,462
44	48	95 793	12 432,476	198 343,672	15,954	15,488	94	98	317	4,044	7,380	1,825	1,359
45	49	95 482	11 830,159	185 911,195	15,715	15,249	95	99	158	1,919	3,337	1,739	1,273
46	50	95 142	11 253,499	174 081,036	15,469	15,003	96	100	73	0,853	1,417	1,661	1,195
47	51	94 771	10 701,269	162 827,537	15,216	14,750							
48	52	94 354	10 171,025	152 126,268	14,957	14,491							
49	53	93 898	9 662,978	141 955,243	14,691	14,225							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	2 093 214,692	21,004	20,538	50	55	93 133	9 149,641	130 688,172	14,283	13,817
1	6	99 312	94 808,823	1 993 558,268	21,027	20,561	51	56	92 545	8 679,575	121 538,531	14,003	13,537
2	7	99 281	90 481,135	1 898 749,445	20,985	20,519	52	57	91 902	8 228,424	112 858,956	13,716	13,250
3	8	99 263	86 362,568	1 808 268,310	20,938	20,472	53	58	91 191	7 794,519	104 630,532	13,424	12,958
4	9	99 244	82 430,652	1 721 905,742	20,889	20,423	54	59	90 401	7 376,564	96 836,013	13,128	12,662
5	10	99 228	78 679,585	1 639 475,090	20,837	20,371	55	60	89 531	6 974,324	89 459,449	12,827	12,361
6	11	99 213	75 100,774	1 560 795,505	20,783	20,317	56	61	88 566	6 586,263	82 485,125	12,524	12,058
7	12	99 196	71 683,281	1 485 694,730	20,726	20,260	57	62	87 513	6 212,876	75 898,862	12,216	11,750
8	13	99 181	68 421,752	1 414 011,449	20,666	20,200	58	63	86 362	5 853,163	69 685,986	11,906	11,440
9	14	99 165	65 308,958	1 345 589,697	20,603	20,137	59	64	85 116	5 507,103	63 832,824	11,591	11,125
10	15	99 148	62 336,698	1 280 280,739	20,538	20,072	60	65	83 751	5 173,080	58 325,721	11,275	10,809
11	16	99 129	59 498,654	1 217 944,041	20,470	20,004	61	66	82 286	4 852,120	53 152,640	10,955	10,489
12	17	99 110	56 789,438	1 158 445,387	20,399	19,933	62	67	80 702	4 542,891	48 300,520	10,632	10,166
13	18	99 088	54 202,432	1 101 655,950	20,325	19,859	63	68	79 007	4 245,809	43 757,628	10,306	9,840
14	19	99 063	51 731,359	1 047 453,517	20,248	19,782	64	69	77 188	3 959,946	39 511,819	9,978	9,512
15	20	99 034	49 371,328	995 722,159	20,168	19,702	65	70	75 218	3 683,916	35 551,874	9,651	9,185
16	21	99 003	47 117,494	946 350,831	20,085	19,619	66	71	73 134	3 419,409	31 867,957	9,320	8,854
17	22	98 963	44 962,979	899 233,337	19,999	19,533	67	72	70 912	3 165,175	28 448,548	8,988	8,522
18	23	98 920	42 905,440	854 270,358	19,911	19,445	68	73	68 589	2 922,664	25 283,373	8,651	8,185
19	24	98 866	40 937,340	811 364,918	19,820	19,354	69	74	66 116	2 689,560	22 360,709	8,314	7,848
20	25	98 810	39 058,805	770 427,578	19,725	19,259	70	75	63 545	2 467,742	19 671,149	7,971	7,505
21	26	98 750	37 265,010	731 368,773	19,626	19,160	71	76	60 865	2 256,475	17 203,407	7,624	7,158
22	27	98 692	35 554,461	694 103,763	19,522	19,056	72	77	58 033	2 053,911	14 946,932	7,277	6,811
23	28	98 630	33 920,861	658 549,302	19,414	18,948	73	78	55 155	1 863,534	12 893,022	6,919	6,453
24	29	98 565	32 361,373	624 628,441	19,302	18,836	74	79	52 107	1 680,733	11 029,488	6,562	6,096
25	30	98 496	30 872,140	592 267,068	19,185	18,719	75	80	48 927	1 506,592	9 348,755	6,205	5,739
26	31	98 424	29 450,862	561 394,928	19,062	18,596	76	81	45 586	1 340,050	7 842,163	5,852	5,386
27	32	98 349	28 093,943	531 944,065	18,934	18,468	77	82	42 105	1 181,612	6 502,112	5,503	5,037
28	33	98 272	26 798,926	503 850,122	18,801	18,335	78	83	38 511	1 031,728	5 320,500	5,157	4,691
29	34	98 192	25 562,912	477 051,196	18,662	18,196	79	84	34 758	888,963	4 288,772	4,824	4,358
30	35	98 106	24 382,382	451 488,284	18,517	18,051	80	85	30 931	755,211	3 399,809	4,502	4,036
31	36	98 009	23 253,582	427 105,902	18,367	17,901	81	86	27 053	630,579	2 644,598	4,194	3,728
32	37	97 906	22 175,809	403 852,320	18,211	17,745	82	87	23 207	516,398	2 014,019	3,900	3,434
33	38	97 797	21 146,608	381 676,511	18,049	17,583	83	88	19 456	413,306	1 497,621	3,624	3,158
34	39	97 674	20 162,361	360 529,903	17,881	17,415	84	89	15 889	322,220	1 084,315	3,365	2,899
35	40	97 542	19 222,035	340 367,542	17,707	17,241	85	90	12 602	243,981	762,095	3,124	2,658
36	41	97 406	18 324,928	321 145,507	17,525	17,059	86	91	9 653	178,407	518,114	2,904	2,438
37	42	97 249	17 465,705	302 820,578	17,338	16,872	87	92	7 128	125,766	339,707	2,701	2,235
38	43	97 074	16 643,631	285 354,874	17,145	16,679	88	93	5 041	84,918	213,941	2,519	2,053
39	44	96 888	15 858,547	268 711,242	16,944	16,478	89	94	3 401	54,683	129,023	2,359	1,893
40	45	96 685	15 107,641	252 852,695	16,737	16,271	90	95	2 188	33,580	74,340	2,214	1,748
41	46	96 461	14 389,225	237 745,054	16,522	16,056	91	96	1 332	19,523	40,760	2,088	1,622
42	47	96 207	13 700,559	223 355,829	16,303	15,837	92	97	767	10,736	21,237	1,978	1,512
43	48	95 946	13 043,820	209 655,270	16,073	15,607	93	98	420	5,610	10,501	1,872	1,406
44	49	95 648	12 413,615	196 611,451	15,838	15,372	94	99	216	2,754	4,891	1,776	1,310
45	50	95 321	11 810,236	184 197,836	15,596	15,130	95	100	104	1,260	2,137	1,696	1,230
46	51	94 967	11 232,749	172 387,600	15,347	14,881							
47	52	94 574	10 679,048	161 154,850	15,091	14,625							
48	53	94 146	10 148,603	150 475,803	14,827	14,361							
49	54	93 666	9 639,028	140 327,199	14,558	14,092							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	2 090 940,920	20,983	20,517	50	56	92 844	9 121,164	128 970,763	14,140	13,674
1	7	99 305	94 801,900	1 991 291,267	21,005	20,539	51	57	92 232	8 650,224	119 849,599	13,855	13,389
2	8	99 276	90 476,826	1 896 489,367	20,961	20,495	52	58	91 557	8 197,516	111 199,375	13,565	13,099
3	9	99 256	86 356,344	1 806 012,541	20,913	20,447	53	59	90 811	7 761,988	103 001,859	13,270	12,804
4	10	99 239	82 426,270	1 719 656,196	20,863	20,397	54	60	89 982	7 342,378	95 239,871	12,971	12,505
5	11	99 222	78 675,211	1 637 229,926	20,810	20,344	55	61	89 072	6 938,568	87 897,494	12,668	12,202
6	12	99 205	75 094,999	1 558 554,715	20,754	20,288	56	62	88 071	6 549,471	80 958,926	12,361	11,895
7	13	99 190	71 678,751	1 483 459,716	20,696	20,230	57	63	86 977	6 174,841	74 409,455	12,050	11,584
8	14	99 173	68 416,344	1 411 780,965	20,635	20,169	58	64	85 779	5 813,594	68 234,614	11,737	11,271
9	15	99 156	65 302,933	1 343 364,621	20,571	20,105	59	65	84 485	5 466,302	62 421,020	11,419	10,953
10	16	99 137	62 329,481	1 278 061,688	20,505	20,039	60	66	83 080	5 131,625	56 954,718	11,099	10,633
11	17	99 117	59 491,047	1 215 732,207	20,436	19,970	61	67	81 566	4 809,627	51 823,093	10,775	10,309
12	18	99 097	56 782,075	1 156 241,159	20,363	19,897	62	68	79 946	4 500,379	47 013,466	10,447	9,981
13	19	99 072	54 193,634	1 099 459,085	20,288	19,822	63	69	78 201	4 202,485	42 513,087	10,116	9,650
14	20	99 046	51 722,856	1 045 265,450	20,209	19,743	64	70	76 296	3 914,223	38 310,602	9,788	9,322
15	21	99 018	49 363,247	993 542,595	20,127	19,661	65	71	74 274	3 637,677	34 396,379	9,456	8,990
16	22	98 986	47 109,493	944 179,348	20,042	19,576	66	72	72 123	3 372,172	30 758,702	9,121	8,655
17	23	98 947	44 955,435	897 069,855	19,955	19,489	67	73	69 852	3 117,862	27 386,531	8,784	8,318
18	24	98 904	42 898,423	852 114,419	19,864	19,398	68	74	67 441	2 873,750	24 268,668	8,445	7,979
19	25	98 850	40 930,615	809 215,997	19,770	19,304	69	75	64 914	2 640,631	21 394,918	8,102	7,636
20	26	98 790	39 051,212	768 285,382	19,674	19,208	70	76	62 267	2 418,091	18 754,286	7,756	7,290
21	27	98 732	37 258,368	729 234,170	19,572	19,106	71	77	59 517	2 206,497	16 336,195	7,404	6,938
22	28	98 671	35 547,004	691 975,802	19,467	19,000	72	78	56 643	2 004,743	14 129,699	7,048	6,582
23	29	98 607	33 912,788	656 428,798	19,356	18,890	73	79	53 654	1 812,832	12 124,956	6,688	6,222
24	30	98 541	32 353,387	622 516,010	19,241	18,775	74	80	50 502	1 628,952	10 312,124	6,331	5,865
25	31	98 468	30 863,410	590 162,623	19,122	18,656	75	81	47 202	1 453,468	8 683,172	5,974	5,508
26	32	98 393	29 441,379	559 299,213	18,997	18,531	76	82	43 743	1 285,892	7 229,704	5,622	5,156
27	33	98 316	28 084,506	529 857,834	18,867	18,401	77	83	40 126	1 126,073	5 943,812	5,278	4,812
28	34	98 238	26 789,541	501 773,328	18,730	18,264	78	84	36 385	974,781	4 817,739	4,942	4,476
29	35	98 155	25 553,152	474 983,787	18,588	18,122	79	85	32 541	832,258	3 842,958	4,618	4,151
30	36	98 061	24 370,997	449 430,635	18,441	17,975	80	86	28 651	699,557	3 010,700	4,304	3,838
31	37	97 962	23 242,493	425 059,638	18,288	17,822	81	87	24 746	576,804	2 311,143	4,007	3,541
32	38	97 856	22 164,612	401 817,145	18,129	17,663	82	88	20 907	465,225	1 734,339	3,728	3,262
33	39	97 742	21 134,890	379 652,533	17,963	17,497	83	89	17 252	366,477	1 269,113	3,463	2,997
34	40	97 610	20 149,242	358 517,642	17,793	17,327	84	90	13 842	280,716	902,636	3,215	2,749
35	41	97 480	19 209,865	338 368,400	17,614	17,148	85	91	10 748	208,087	621,920	2,989	2,523
36	42	97 335	18 311,497	319 158,535	17,429	16,963	86	92	8 051	148,804	413,833	2,781	2,315
37	43	97 171	17 451,613	300 847,038	17,239	16,773	87	93	5 788	102,129	265,029	2,595	2,129
38	44	96 987	16 628,724	283 395,425	17,043	16,577	88	94	3 985	67,131	162,900	2,427	1,961
39	45	96 797	15 843,547	266 766,702	16,838	16,372	89	95	2 620	42,136	95,769	2,273	1,807
40	46	96 581	15 091,390	250 923,154	16,627	16,161	90	96	1 631	25,042	53,633	2,142	1,676
41	47	96 347	14 372,186	235 831,764	16,409	15,943	91	97	960	14,070	28,591	2,032	1,566
42	48	96 082	13 682,757	221 459,578	16,185	15,719	92	98	541	7,572	14,521	1,918	1,452
43	49	95 801	13 024,031	207 776,822	15,953	15,487	93	99	286	3,820	6,949	1,819	1,353
44	50	95 487	12 392,709	194 752,791	15,715	15,249	94	100	142	1,808	3,129	1,730	1,264
45	51	95 146	11 788,459	182 360,082	15,469	15,003							
46	52	94 770	11 209,424	170 571,622	15,217	14,751							
47	53	94 366	10 655,506	159 362,198	14,956	14,490							
48	54	93 912	10 123,449	148 706,691	14,689	14,223							
49	55	93 408	9 612,479	138 583,242	14,417	13,951							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	2 088 501,145	20,960	20,494	50	57	92 530	9 090,320	127 137,189	13,986	13,520
1	8	99 300	94 797,385	1 988 858,768	20,980	20,514	51	58	91 886	8 617,731	118 046,869	13,698	13,232
2	9	99 269	90 470,305	1 894 061,383	20,936	20,470	52	59	91 175	8 163,303	109 429,137	13,405	12,939
3	10	99 251	86 351,754	1 803 591,078	20,887	20,421	53	60	90 390	7 726,015	101 265,835	13,107	12,641
4	11	99 233	82 421,688	1 717 239,323	20,835	20,369	54	61	89 520	7 304,735	93 539,819	12,805	12,339
5	12	99 214	78 669,161	1 634 817,635	20,781	20,315	55	62	88 575	6 899,808	86 235,085	12,498	12,032
6	13	99 199	75 090,253	1 556 148,474	20,724	20,258	56	63	87 532	6 509,375	79 335,277	12,188	11,722
7	14	99 182	71 673,085	1 481 058,221	20,664	20,198	57	64	86 389	6 133,098	72 825,902	11,874	11,408
8	15	99 164	68 410,032	1 409 385,136	20,602	20,136	58	65	85 143	5 770,522	66 692,803	11,557	11,091
9	16	99 145	65 295,373	1 340 975,104	20,537	20,071	59	66	83 808	5 422,497	60 922,281	11,235	10,769
10	17	99 124	62 321,513	1 275 679,731	20,469	20,003	60	67	82 352	5 086,683	55 499,784	10,911	10,445
11	18	99 104	59 483,334	1 213 358,218	20,398	19,932	61	68	80 802	4 764,619	50 413,101	10,581	10,115
12	19	99 081	56 772,858	1 153 874,883	20,324	19,858	62	69	79 131	4 454,458	45 648,482	10,248	9,782
13	20	99 056	54 184,727	1 097 102,025	20,247	19,781	63	70	77 298	4 153,962	41 194,025	9,917	9,451
14	21	99 030	51 714,390	1 042 917,299	20,167	19,701	64	71	75 339	3 865,093	37 040,063	9,583	9,117
15	22	99 001	49 354,865	991 202,909	20,083	19,617	65	72	73 248	3 587,424	33 174,970	9,248	8,782
16	23	98 969	47 101,589	941 848,044	19,996	19,530	66	73	71 045	3 321,765	29 587,546	8,907	8,441
17	24	98 930	44 948,083	894 746,455	19,906	19,440	67	74	68 683	3 065,682	26 265,782	8,568	8,102
18	25	98 888	42 891,376	849 798,373	19,813	19,347	68	75	66 214	2 821,471	23 200,100	8,223	7,757
19	26	98 830	40 922,658	806 906,997	19,718	19,252	69	76	63 608	2 587,502	20 378,629	7,876	7,410
20	27	98 773	39 044,251	765 984,339	19,618	19,152	70	77	60 887	2 364,533	17 791,127	7,524	7,058
21	28	98 711	37 250,553	726 940,088	19,515	19,049	71	78	58 092	2 153,676	15 426,594	7,163	6,697
22	29	98 648	35 538,544	689 689,535	19,407	18,941	72	79	55 102	1 950,199	13 272,918	6,806	6,340
23	30	98 582	33 904,419	654 150,991	19,294	18,828	73	80	52 001	1 756,981	11 322,718	6,444	5,978
24	31	98 513	32 344,238	620 246,572	19,176	18,710	74	81	48 721	1 571,513	9 565,737	6,087	5,621
25	32	98 436	30 853,472	587 902,334	19,055	18,589	75	82	45 294	1 394,725	7 994,224	5,732	5,266
26	33	98 360	29 431,490	557 048,861	18,927	18,461	76	83	41 687	1 225,452	6 599,499	5,385	4,919
27	34	98 282	28 074,670	527 617,372	18,793	18,327	77	84	37 911	1 063,919	5 374,047	5,051	4,585
28	35	98 200	26 779,313	499 542,702	18,654	18,188	78	85	34 064	912,602	4 310,128	4,723	4,257
29	36	98 109	25 541,220	472 763,389	18,510	18,044	79	86	30 143	770,926	3 397,526	4,407	3,941
30	37	98 014	24 359,376	447 222,169	18,359	17,893	80	87	26 208	639,900	2 626,601	4,105	3,639
31	38	97 913	23 230,757	422 862,793	18,203	17,737	81	88	22 294	519,646	1 986,701	3,823	3,357
32	39	97 802	22 152,331	399 632,036	18,040	17,574	82	89	18 538	412,513	1 467,055	3,556	3,090
33	40	97 679	21 121,139	377 479,705	17,872	17,406	83	90	15 030	319,272	1 054,542	3,303	2,837
34	41	97 549	20 136,485	356 358,566	17,697	17,231	84	91	11 806	239,418	735,269	3,071	2,605
35	42	97 409	19 195,786	336 222,081	17,515	17,049	85	92	8 965	173,560	495,851	2,857	2,391
36	43	97 256	18 296,722	317 026,296	17,327	16,861	86	93	6 538	120,837	322,291	2,667	2,201
37	44	97 084	17 435,981	298 729,573	17,133	16,667	87	94	4 576	80,737	201,455	2,495	2,029
38	45	96 895	16 612,995	281 293,592	16,932	16,466	88	95	3 071	51,727	120,717	2,334	1,868
39	46	96 692	15 826,505	264 680,597	16,724	16,258	89	96	1 954	31,423	68,990	2,196	1,730
40	47	96 466	15 073,519	248 854,092	16,509	16,043	90	97	1 176	18,048	37,567	2,082	1,616
41	48	96 222	14 353,511	233 780,572	16,287	15,821	91	98	677	9,923	19,520	1,967	1,501
42	49	95 936	13 661,998	219 427,061	16,061	15,595	92	99	369	5,156	9,597	1,861	1,395
43	50	95 639	13 002,097	205 765,063	15,826	15,360	93	100	188	2,509	4,441	1,770	1,304
44	51	95 311	12 369,859	192 762,966	15,583	15,117							
45	52	94 948	11 763,981	180 393,107	15,334	14,868							
46	53	94 561	11 184,714	168 629,127	15,077	14,611							
47	54	94 132	10 629,096	157 444,413	14,813	14,347							
48	55	93 654	10 095,567	146 815,317	14,543	14,077							
49	56	93 117	9 582,561	136 719,750	14,268	13,802							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	2 085 887,437	20,935	20,469	50	58	92 182	9 056,174	125 183,893	13,823	13,357
1	9	99 293	94 790,553	1 986 249,805	20,954	20,488	51	59	91 502	8 581,765	116 127,719	13,532	13,066
2	10	99 264	90 465,497	1 891 459,252	20,908	20,442	52	60	90 752	8 125,470	107 545,954	13,236	12,770
3	11	99 245	86 346,954	1 800 993,755	20,858	20,392	53	61	89 926	7 686,406	99 420,484	12,935	12,469
4	12	99 226	82 415,350	1 714 646,801	20,805	20,339	54	62	89 020	7 263,929	91 734,079	12,629	12,163
5	13	99 208	78 664,189	1 632 231,452	20,749	20,283	55	63	88 032	6 857,568	84 470,150	12,318	11,852
6	14	99 191	75 084,318	1 553 567,263	20,691	20,225	56	64	86 940	6 465,371	77 612,582	12,004	11,538
7	15	99 173	71 666,474	1 478 482,945	20,630	20,164	57	65	85 749	6 087,659	71 147,211	11,687	11,221
8	16	99 152	68 402,112	1 406 816,471	20,567	20,101	58	66	84 461	5 724,279	65 059,552	11,366	10,900
9	17	99 132	65 287,025	1 338 414,359	20,500	20,034	59	67	83 074	5 375,008	59 335,273	11,039	10,573
10	18	99 111	62 313,433	1 273 127,333	20,431	19,965	60	68	81 582	5 039,083	53 960,265	10,708	10,242
11	19	99 088	59 473,679	1 210 813,900	20,359	19,893	61	69	79 978	4 716,001	48 921,182	10,373	9,907
12	20	99 064	56 763,526	1 151 340,221	20,283	19,817	62	70	78 217	4 403,025	44 205,182	10,040	9,574
13	21	99 039	54 175,858	1 094 576,695	20,204	19,738	63	71	76 327	4 101,822	39 802,157	9,704	9,238
14	22	99 013	51 705,609	1 040 400,838	20,122	19,656	64	72	74 298	3 811,698	35 700,334	9,366	8,900
15	23	98 985	49 346,584	988 695,229	20,036	19,570	65	73	72 153	3 533,800	31 888,636	9,024	8,558
16	24	98 953	47 093,885	939 348,645	19,946	19,480	66	74	69 856	3 266,171	28 354,837	8,681	8,215
17	25	98 914	44 940,699	892 254,759	19,854	19,388	67	75	67 433	3 009,910	25 088,665	8,335	7,869
18	26	98 869	42 883,037	847 314,060	19,759	19,293	68	76	64 882	2 764,703	22 078,755	7,986	7,520
19	27	98 813	40 915,364	804 431,023	19,661	19,195	69	77	62 199	2 530,192	19 314,052	7,633	7,167
20	28	98 752	39 036,062	763 515,660	19,559	19,093	70	78	59 430	2 307,930	16 783,860	7,272	6,806
21	29	98 688	37 241,688	724 479,598	19,453	18,987	71	79	56 512	2 095,080	14 475,930	6,909	6,443
22	30	98 624	35 529,775	687 237,910	19,343	18,877	72	80	53 405	1 890,117	12 380,850	6,550	6,084
23	31	98 554	33 894,832	651 708,136	19,227	18,761	73	81	50 167	1 695,027	10 490,733	6,189	5,723
24	32	98 481	32 333,823	617 813,304	19,107	18,641	74	82	46 752	1 508,000	8 795,706	5,833	5,367
25	33	98 403	30 843,108	585 479,481	18,983	18,516	75	83	43 165	1 329,170	7 287,706	5,483	5,017
26	34	98 325	29 421,182	554 636,373	18,852	18,386	76	84	39 386	1 157,812	5 958,536	5,146	4,680
27	35	98 244	28 063,951	525 215,191	18,715	18,249	77	85	35 493	996,054	4 800,724	4,820	4,354
28	36	98 154	26 766,808	497 151,240	18,573	18,107	78	86	31 554	845,349	3 804,670	4,501	4,035
29	37	98 062	25 529,041	470 384,431	18,425	17,959	79	87	27 572	705,182	2 959,321	4,197	3,731
30	38	97 964	24 347,076	444 855,391	18,271	17,805	80	88	23 611	576,489	2 254,139	3,910	3,444
31	39	97 858	23 217,885	420 508,315	18,111	17,645	81	89	19 768	460,768	1 677,650	3,641	3,175
32	40	97 739	22 137,917	397 290,430	17,946	17,480	82	90	16 150	359,379	1 216,882	3,386	2,920
33	41	97 617	21 107,767	375 152,513	17,773	17,307	83	91	12 818	272,302	857,503	3,149	2,683
34	42	97 477	20 121,726	354 044,746	17,595	17,129	84	92	9 847	199,692	585,201	2,931	2,465
35	43	97 330	19 180,298	333 923,020	17,410	16,944	85	93	7 280	140,940	385,509	2,735	2,269
36	44	97 169	18 280,334	314 742,722	17,218	16,752	86	94	5 169	95,527	244,569	2,560	2,094
37	45	96 992	17 419,489	296 462,388	17,019	16,553	87	95	3 526	62,212	149,043	2,396	1,930
38	46	96 791	16 595,125	279 042,899	16,815	16,349	88	96	2 290	38,575	86,831	2,251	1,785
39	47	96 578	15 807,763	262 447,773	16,602	16,136	89	97	1 408	22,646	48,256	2,131	1,665
40	48	96 341	15 053,933	246 640,010	16,384	15,918	90	98	829	12,728	25,610	2,012	1,546
41	49	96 076	14 331,735	231 586,077	16,159	15,693	91	99	461	6,757	12,882	1,906	1,440
42	50	95 775	13 638,991	217 254,342	15,929	15,463	92	100	242	3,386	6,124	1,809	1,343
43	51	95 463	12 978,123	203 615,351	15,689	15,223							
44	52	95 113	12 344,172	190 637,228	15,444	14,977							
45	53	94 739	11 738,048	178 293,056	15,189	14,723							
46	54	94 326	11 156,992	166 555,008	14,928	14,462							
47	55	93 872	10 599,821	155 398,016	14,660	14,194							
48	56	93 362	10 064,145	144 798,196	14,388	13,922							
49	57	92 802	9 550,157	134 734,050	14,108	13,642							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	2 083 088,579	20,908	20,442	50	59	91 797	9 018,378	123 108,427	13,651	13,185
1	10	99 288	94 785,515	1 983 458,128	20,926	20,460	51	60	91 078	8 541,993	114 090,049	13,356	12,890
2	11	99 258	90 460,467	1 888 672,613	20,878	20,412	52	61	90 287	8 083,812	105 548,057	13,057	12,591
3	12	99 237	86 340,313	1 798 212,146	20,827	20,361	53	62	89 424	7 643,468	97 464,244	12,751	12,285
4	13	99 219	82 410,141	1 711 871,833	20,773	20,307	54	63	88 475	7 219,460	89 820,777	12,441	11,975
5	14	99 200	78 657,972	1 629 461,692	20,716	20,250	55	64	87 437	6 811,209	82 601,317	12,127	11,661
6	15	99 182	75 077,391	1 550 803,720	20,656	20,190	56	65	86 296	6 417,470	75 790,107	11,810	11,344
7	16	99 162	71 658,177	1 475 726,329	20,594	20,128	57	66	85 062	6 038,875	69 372,637	11,488	11,022
8	17	99 139	68 393,368	1 404 068,152	20,529	20,063	58	67	83 721	5 674,147	63 333,763	11,162	10,696
9	18	99 119	65 278,561	1 335 674,784	20,461	19,995	59	68	82 297	5 324,709	57 659,615	10,829	10,363
10	19	99 095	62 303,318	1 270 396,223	20,391	19,924	60	69	80 749	4 987,664	52 334,906	10,493	10,027
11	20	99 071	59 463,903	1 208 092,905	20,316	19,850	61	70	79 054	4 661,548	47 347,242	10,157	9,691
12	21	99 048	56 754,235	1 148 629,002	20,239	19,773	62	71	77 235	4 347,759	42 685,694	9,818	9,352
13	22	99 023	54 166,659	1 091 874,767	20,158	19,692	63	72	75 273	4 045,158	38 337,935	9,477	9,011
14	23	98 997	51 696,934	1 037 708,108	20,073	19,607	64	73	73 187	3 754,721	34 292,777	9,133	8,667
15	24	98 968	49 338,513	986 011,174	19,985	19,519	65	74	70 945	3 474,658	30 538,056	8,789	8,323
16	25	98 937	47 086,149	936 672,661	19,893	19,427	66	75	68 585	3 206,753	27 063,398	8,440	7,973
17	26	98 895	44 931,962	889 586,512	19,799	19,333	67	76	66 076	2 949,351	23 856,645	8,089	7,623
18	27	98 851	42 875,394	844 654,550	19,700	19,234	68	77	63 445	2 703,468	20 907,294	7,734	7,268
19	28	98 792	40 906,782	801 779,157	19,600	19,134	69	78	60 710	2 469,623	18 203,826	7,371	6,905
20	29	98 729	39 026,772	760 872,375	19,496	19,030	70	79	57 813	2 245,137	15 734,203	7,008	6,542
21	30	98 664	37 232,498	721 845,603	19,388	18,922	71	80	54 770	2 030,534	13 489,066	6,643	6,177
22	31	98 596	35 519,727	684 613,105	19,274	18,808	72	81	51 522	1 823,468	11 458,532	6,284	5,818
23	32	98 523	33 883,917	649 093,378	19,156	18,690	73	82	48 140	1 626,522	9 635,064	5,924	5,458
24	33	98 448	32 322,962	615 209,461	19,033	18,567	74	83	44 554	1 437,120	8 008,541	5,573	5,107
25	34	98 369	30 832,306	582 886,499	18,905	18,439	75	84	40 783	1 255,805	6 571,421	5,233	4,767
26	35	98 288	29 409,949	552 054,193	18,771	18,305	76	85	36 874	1 083,958	5 315,616	4,904	4,438
27	36	98 198	28 050,847	522 644,244	18,632	18,166	77	86	32 877	922,651	4 231,658	4,586	4,120
28	37	98 108	26 754,044	494 593,396	18,487	18,021	78	87	28 863	773,259	3 309,008	4,279	3,813
29	38	98 013	25 516,150	467 839,352	18,335	17,869	79	88	24 840	635,302	2 535,749	3,991	3,525
30	39	97 910	24 333,585	442 323,202	18,177	17,711	80	89	20 936	511,170	1 900,446	3,718	3,252
31	40	97 795	23 202,778	417 989,617	18,015	17,549	81	90	17 222	401,418	1 389,276	3,461	2,995
32	41	97 677	22 123,901	394 786,839	17,844	17,378	82	91	13 774	306,508	987,858	3,223	2,757
33	42	97 545	21 092,296	372 662,938	17,668	17,202	83	92	10 692	227,119	681,349	3,000	2,534
34	43	97 398	20 105,491	351 570,642	17,486	17,020	84	93	7 996	162,161	454,230	2,801	2,335
35	44	97 243	19 163,118	331 465,151	17,297	16,831	85	94	5 755	111,419	292,069	2,621	2,155
36	45	97 077	18 263,044	312 302,033	17,100	16,634	86	95	3 983	73,607	180,651	2,454	1,988
37	46	96 887	17 400,752	294 038,989	16,898	16,432	87	96	2 629	46,394	107,043	2,307	1,841
38	47	96 676	16 575,474	276 638,237	16,690	16,224	88	97	1 650	27,801	60,649	2,182	1,716
39	48	96 452	15 787,223	260 062,764	16,473	16,007	89	98	993	15,971	32,848	2,057	1,591
40	49	96 195	15 031,095	244 275,540	16,251	15,785	90	99	565	8,668	16,877	1,947	1,481
41	50	95 914	14 307,600	229 244,446	16,023	15,557	91	100	303	4,438	8,209	1,850	1,384
42	51	95 598	13 613,842	214 936,846	15,788	15,322							
43	52	95 265	12 951,174	201 323,004	15,545	15,079							
44	53	94 903	12 316,961	188 371,831	15,294	14,828							
45	54	94 504	11 708,954	176 054,870	15,036	14,570							
46	55	94 066	11 126,262	164 345,916	14,771	14,305							
47	56	93 580	10 566,830	153 219,653	14,500	14,034							
48	57	93 046	10 030,113	142 652,824	14,222	13,756							
49	58	92 454	9 514,284	132 622,711	13,939	13,473							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	2 080 098,298	20,879	20,413	50	60	91 372	8 976,582	120 908,856	13,469	13,003
1	11	99 282	94 780,246	1 980 473,143	20,895	20,429	51	61	90 611	8 498,199	111 932,273	13,171	12,705
2	12	99 251	90 453,511	1 885 692,897	20,847	20,381	52	62	89 783	8 038,655	103 434,074	12,867	12,401
3	13	99 231	86 334,857	1 795 239,386	20,794	20,328	53	63	88 877	7 596,675	95 395,419	12,558	12,092
4	14	99 212	82 403,627	1 708 904,529	20,738	20,272	54	64	87 877	7 170,655	87 798,744	12,244	11,778
5	15	99 191	78 650,715	1 626 500,902	20,680	20,214	55	65	86 789	6 760,747	80 628,089	11,926	11,460
6	16	99 171	75 068,699	1 547 850,187	20,619	20,153	56	66	85 604	6 366,042	73 867,342	11,603	11,137
7	17	99 149	71 649,016	1 472 781,487	20,556	20,089	57	67	84 317	5 985,988	67 501,300	11,277	10,811
8	18	99 127	68 384,501	1 401 132,471	20,489	20,023	58	68	82 938	5 621,049	61 515,312	10,944	10,478
9	19	99 103	65 267,965	1 332 747,971	20,420	19,954	59	69	81 457	5 270,376	55 894,263	10,605	10,139
10	20	99 079	62 293,078	1 267 480,006	20,347	19,881	60	70	79 817	4 930,075	50 623,888	10,268	9,802
11	21	99 055	59 454,170	1 205 186,928	20,271	19,805	61	71	78 062	4 603,038	45 693,813	9,927	9,461
12	22	99 031	56 744,598	1 145 732,758	20,191	19,725	62	72	76 168	4 287,697	41 090,775	9,583	9,117
13	23	99 006	54 157,571	1 088 988,160	20,108	19,642	63	73	74 148	3 984,691	36 803,078	9,236	8,770
14	24	98 981	51 688,478	1 034 830,589	20,021	19,555	64	74	71 962	3 691,882	32 818,387	8,889	8,423
15	25	98 952	49 330,408	983 142,111	19,930	19,464	65	75	69 655	3 411,446	29 126,505	8,538	8,072
16	26	98 918	47 076,995	933 811,703	19,836	19,370	66	76	67 205	3 142,233	25 715,058	8,184	7,718
17	27	98 877	44 923,953	886 734,708	19,739	19,273	67	77	64 613	2 884,026	22 572,825	7,827	7,361
18	28	98 830	42 866,401	841 810,754	19,638	19,172	68	78	61 926	2 638,751	19 688,799	7,461	6,995
19	29	98 769	40 897,046	798 944,354	19,536	19,069	69	79	59 058	2 402,431	17 050,048	7,097	6,631
20	30	98 704	39 017,141	758 047,307	19,429	18,963	70	80	56 032	2 175,968	14 647,617	6,732	6,266
21	31	98 636	37 221,969	719 030,166	19,317	18,851	71	81	52 839	1 958,935	12 471,649	6,367	5,901
22	32	98 564	35 508,290	681 808,197	19,201	18,735	72	82	49 439	1 749,772	10 512,714	6,008	5,542
23	33	98 490	33 872,536	646 299,908	19,080	18,614	73	83	45 877	1 550,072	8 762,942	5,653	5,187
24	34	98 414	32 311,641	612 427,372	18,954	18,488	74	84	42 095	1 357,797	7 212,870	5,312	4,846
25	35	98 331	30 820,535	580 115,731	18,822	18,356	75	85	38 181	1 175,700	5 855,073	4,980	4,514
26	36	98 242	29 396,216	549 295,196	18,686	18,220	76	86	34 156	1 004,077	4 679,373	4,660	4,194
27	37	98 152	28 037,471	519 898,980	18,543	18,077	77	87	30 074	843,968	3 675,296	4,355	3,889
28	38	98 058	26 740,535	491 861,509	18,394	17,928	78	88	26 003	696,633	2 831,328	4,064	3,598
29	39	97 958	25 502,011	465 120,973	18,239	17,773	79	89	22 025	563,320	2 134,695	3,789	3,323
30	40	97 846	24 317,752	439 618,962	18,078	17,612	80	90	18 239	445,328	1 571,375	3,529	3,063
31	41	97 733	23 188,088	415 301,209	17,910	17,444	81	91	14 688	342,363	1 126,046	3,289	2,823
32	42	97 605	22 107,686	392 113,121	17,737	17,270	82	92	11 489	255,650	783,684	3,065	2,599
33	43	97 467	21 075,278	370 005,436	17,556	17,090	83	93	8 682	184,433	528,034	2,863	2,397
34	44	97 311	20 087,483	348 930,158	17,371	16,905	84	94	6 321	128,195	343,600	2,680	2,214
35	45	97 151	19 144,992	328 842,676	17,176	16,710	85	95	4 435	85,853	215,406	2,509	2,043
36	46	96 973	18 243,399	309 697,683	16,976	16,510	86	96	2 970	54,892	129,553	2,360	1,894
37	47	96 773	17 380,146	291 454,284	16,769	16,303	87	97	1 895	33,436	74,660	2,233	1,767
38	48	96 550	16 553,936	274 074,138	16,556	16,090	88	98	1 164	19,607	41,225	2,103	1,637
39	49	96 306	15 763,272	257 520,202	16,337	15,871	89	99	676	10,876	21,618	1,988	1,522
40	50	96 033	15 005,781	241 756,930	16,111	15,645	90	100	371	5,692	10,742	1,887	1,421
41	51	95 737	14 281,218	226 751,149	15,878	15,412							
42	52	95 400	13 585,572	212 469,931	15,639	15,173							
43	53	95 055	12 922,624	198 884,358	15,390	14,924							
44	54	94 668	12 286,432	185 961,734	15,136	14,670							
45	55	94 244	11 676,705	173 675,302	14,874	14,408							
46	56	93 774	11 091,633	161 998,598	14,605	14,139							
47	57	93 264	10 531,097	150 906,965	14,330	13,864							
48	58	92 697	9 992,437	140 375,867	14,048	13,582							
49	59	92 068	9 474,575	130 383,431	13,761	13,295							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	2 076 905,711	20,848	20,382	50	61	90 903	8 930,561	118 583,749	13,278	12,812
1	12	99 275	94 772,957	1 977 286,094	20,863	20,397	51	62	90 105	8 450,727	109 653,188	12,976	12,510
2	13	99 244	90 447,794	1 882 513,137	20,813	20,347	52	63	89 233	7 989,443	101 202,461	12,667	12,201
3	14	99 223	86 328,033	1 792 065,343	20,759	20,293	53	64	88 276	7 545,320	93 213,019	12,354	11,888
4	15	99 202	82 396,026	1 705 737,310	20,702	20,236	54	65	87 226	7 117,529	85 667,698	12,036	11,570
5	16	99 180	78 641,610	1 623 341,284	20,642	20,176	55	66	86 094	6 706,568	78 550,169	11,712	11,246
6	17	99 158	75 059,103	1 544 699,675	20,580	20,114	56	67	84 855	6 310,290	71 843,601	11,385	10,919
7	18	99 136	71 639,726	1 469 640,572	20,514	20,048	57	68	83 528	5 929,971	65 533,311	11,051	10,585
8	19	99 110	68 373,400	1 398 000,845	20,447	19,981	58	69	82 091	5 563,692	59 603,340	10,713	10,247
9	20	99 087	65 257,237	1 329 627,445	20,375	19,909	59	70	80 517	5 209,522	54 039,648	10,373	9,907
10	21	99 062	62 282,881	1 264 370,208	20,300	19,834	60	71	78 815	4 868,194	48 830,126	10,030	9,564
11	22	99 038	59 444,075	1 202 087,327	20,222	19,756	61	72	76 984	4 539,449	43 961,932	9,684	9,218
12	23	99 015	56 735,026	1 142 643,252	20,140	19,674	62	73	75 030	4 223,605	39 422,483	9,334	8,868
13	24	98 990	54 148,713	1 085 908,174	20,054	19,588	63	74	72 907	3 918,003	35 198,878	8,984	8,518
14	25	98 964	51 679,987	1 031 759,461	19,964	19,498	64	75	70 653	3 624,719	31 280,875	8,630	8,164
15	26	98 933	49 320,818	980 079,474	19,872	19,406	65	76	68 253	3 342,808	27 656,156	8,273	7,807
16	27	98 900	47 068,604	930 758,656	19,775	19,309	66	77	65 717	3 072,636	24 313,347	7,913	7,447
17	28	98 857	44 914,531	883 690,052	19,675	19,209	67	78	63 066	2 814,987	21 240,711	7,546	7,080
18	29	98 807	42 856,199	838 775,521	19,572	19,106	68	79	60 241	2 566,957	18 425,724	7,178	6,712
19	30	98 744	40 886,954	795 919,323	19,466	19,000	69	80	57 239	2 328,416	15 858,767	6,811	6,345
20	31	98 676	39 006,108	755 032,368	19,357	18,891	70	81	54 056	2 099,240	13 530,351	6,445	5,979
21	32	98 604	37 209,983	716 026,261	19,243	18,777	71	82	50 704	1 879,764	11 431,111	6,081	5,615
22	33	98 531	35 496,362	678 816,277	19,124	18,658	72	83	47 115	1 667,529	9 551,347	5,728	5,262
23	34	98 455	33 860,673	643 319,915	18,999	18,533	73	84	43 345	1 464,515	7 883,818	5,383	4,917
24	35	98 376	32 299,305	609 459,243	18,869	18,403	74	85	39 410	1 271,186	6 419,304	5,050	4,584
25	36	98 285	30 806,143	577 159,938	18,735	18,269	75	86	35 367	1 089,058	5 148,118	4,727	4,261
26	37	98 195	29 382,199	546 353,794	18,595	18,129	76	87	31 244	918,450	4 059,059	4,419	3,953
27	38	98 102	28 023,314	516 971,596	18,448	17,982	77	88	27 094	760,336	3 140,609	4,131	3,665
28	39	98 004	26 725,718	488 948,282	18,295	17,829	78	89	23 056	617,702	2 380,273	3,853	3,387
29	40	97 895	25 485,419	462 222,563	18,137	17,671	79	90	19 188	490,761	1 762,572	3,592	3,125
30	41	97 784	24 302,356	436 737,145	17,971	17,505	80	91	15 556	379,813	1 271,811	3,349	2,883
31	42	97 661	23 171,092	412 434,788	17,800	17,334	81	92	12 251	285,555	891,998	3,124	2,658
32	43	97 526	22 089,848	389 263,696	17,622	17,156	82	93	9 330	207,602	606,443	2,921	2,455
33	44	97 379	21 056,401	367 173,848	17,438	16,972	83	94	6 864	145,802	398,841	2,735	2,269
34	45	97 219	20 068,483	346 117,448	17,247	16,781	84	95	4 871	98,780	253,039	2,562	2,096
35	46	97 046	19 124,399	326 048,965	17,049	16,583	85	96	3 307	64,025	154,259	2,409	1,943
36	47	96 858	18 221,795	306 924,566	16,844	16,378	86	97	2 140	39,560	90,235	2,281	1,815
37	48	96 647	17 357,563	288 702,771	16,633	16,167	87	98	1 336	23,581	50,674	2,149	1,683
38	49	96 404	16 528,822	271 345,208	16,416	15,950	88	99	793	13,352	27,094	2,029	1,563
39	50	96 144	15 736,726	254 816,386	16,192	15,726	89	100	444	7,143	13,742	1,924	1,458
40	51	95 856	14 978,112	239 079,660	15,962	15,496							
41	52	95 538	14 251,563	224 101,548	15,725	15,259							
42	53	95 189	13 555,624	209 849,985	15,481	15,015							
43	54	94 819	12 890,594	196 294,361	15,228	14,762							
44	55	94 407	12 252,592	183 403,767	14,969	14,503							
45	56	93 950	11 640,362	171 151,175	14,703	14,237							
46	57	93 457	11 054,126	159 510,813	14,430	13,964							
47	58	92 913	10 491,539	148 456,687	14,150	13,684							
48	59	92 310	9 950,732	137 965,147	13,865	13,399							
49	60	91 641	9 430,666	128 014,415	13,574	13,108							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	2 073 501,835	20,816	20,350	50	62	90 396	8 880,673	116 132,050	13,077	12,611
1	13	99 268	94 766,967	1 973 889,879	20,829	20,363	51	63	89 554	8 398,992	107 251,377	12,770	12,304
2	14	99 237	90 440,645	1 879 122,912	20,777	20,311	52	64	88 630	7 935,433	98 852,385	12,457	11,991
3	15	99 214	86 320,069	1 788 682,267	20,722	20,256	53	65	87 622	7 489,419	90 916,952	12,139	11,673
4	16	99 191	82 386,487	1 702 362,198	20,663	20,197	54	66	86 527	7 060,491	83 427,534	11,816	11,350
5	17	99 167	78 631,556	1 619 975,711	20,602	20,136	55	67	85 340	6 647,833	76 367,042	11,488	11,021
6	18	99 145	75 049,371	1 541 344,155	20,538	20,072	56	68	84 060	6 251,239	69 719,209	11,153	10,687
7	19	99 120	71 628,098	1 466 294,784	20,471	20,005	57	69	82 676	5 869,462	63 467,970	10,813	10,347
8	20	99 094	68 362,162	1 394 666,686	20,401	19,935	58	70	81 143	5 499,452	57 598,508	10,473	10,007
9	21	99 070	65 246,555	1 326 304,524	20,328	19,862	59	71	79 506	5 144,134	52 099,056	10,128	9,662
10	22	99 046	62 272,306	1 261 057,969	20,251	19,785	60	72	77 726	4 800,942	46 954,922	9,780	9,314
11	23	99 022	59 434,102	1 198 785,663	20,170	19,704	61	73	75 833	4 471,594	42 153,980	9,427	8,961
12	24	98 999	56 725,798	1 139 351,561	20,085	19,619	62	74	73 774	4 152,919	37 682,387	9,074	8,608
13	25	98 974	54 139,818	1 082 625,763	19,997	19,531	63	75	71 581	3 846,726	33 529,468	8,716	8,250
14	26	98 945	51 669,940	1 028 485,945	19,905	19,439	64	76	69 232	3 551,790	29 682,741	8,357	7,891
15	27	98 915	49 312,027	976 816,005	19,809	19,343	65	77	66 742	3 268,769	26 130,952	7,994	7,528
16	28	98 879	47 058,732	927 503,978	19,709	19,243	66	78	64 144	2 999,082	22 862,183	7,623	7,157
17	29	98 833	44 903,841	880 445,246	19,607	19,141	67	79	61 350	2 738,399	19 863,101	7,254	6,788
18	30	98 782	42 845,623	835 541,405	19,501	19,035	68	80	58 385	2 487,873	17 124,702	6,883	6,417
19	31	98 716	40 875,392	792 695,782	19,393	18,927	69	81	55 220	2 246,312	14 636,829	6,516	6,050
20	32	98 645	38 993,548	751 820,389	19,281	18,815	70	82	51 871	2 014,399	12 390,516	6,151	5,685
21	33	98 571	37 197,484	712 826,842	19,163	18,697	71	83	48 320	1 791,411	10 376,118	5,792	5,326
22	34	98 496	35 483,930	675 629,358	19,040	18,574	72	84	44 515	1 575,488	8 584,707	5,449	4,983
23	35	98 418	33 847,745	640 145,427	18,912	18,446	73	85	40 580	1 371,096	7 009,219	5,112	4,646
24	36	98 330	32 284,223	606 297,683	18,780	18,314	74	86	36 506	1 177,507	5 638,123	4,788	4,322
25	37	98 238	30 791,453	574 013,459	18,642	18,176	75	87	32 351	996,185	4 460,615	4,478	4,012
26	38	98 145	29 367,363	543 222,006	18,497	18,031	76	88	28 148	827,437	3 464,430	4,187	3,721
27	39	98 048	28 007,786	513 854,644	18,347	17,881	77	89	24 024	674,186	2 636,993	3,911	3,445
28	40	97 940	26 708,329	485 846,857	18,191	17,725	78	90	20 087	538,138	1 962,807	3,647	3,181
29	41	97 833	25 469,283	459 138,528	18,027	17,561	79	91	16 365	418,562	1 424,669	3,404	2,938
30	42	97 713	24 284,544	433 669,245	17,858	17,392	80	92	12 975	316,791	1 006,107	3,176	2,710
31	43	97 582	23 152,397	409 384,701	17,682	17,216	81	93	9 948	231,886	689,316	2,973	2,507
32	44	97 439	22 070,062	386 232,304	17,500	17,034	82	94	7 375	164,118	457,430	2,787	2,321
33	45	97 287	21 036,484	364 162,242	17,311	16,845	83	95	5 289	112,347	293,312	2,611	2,145
34	46	97 115	20 046,896	343 125,758	17,116	16,650	84	96	3 632	73,665	180,965	2,457	1,991
35	47	96 931	19 101,752	323 078,862	16,914	16,448	85	97	2 383	46,142	107,301	2,325	1,859
36	48	96 732	18 198,118	303 977,110	16,704	16,238	86	98	1 510	27,900	61,159	2,192	1,726
37	49	96 500	17 331,230	285 778,992	16,489	16,023	87	99	910	16,058	33,259	2,071	1,605
38	50	96 242	16 500,986	268 447,762	16,269	15,803	88	100	521	8,769	17,201	1,962	1,496
39	51	95 967	15 707,709	251 946,776	16,040	15,574							
40	52	95 657	14 947,010	236 239,067	15,805	15,339							
41	53	95 328	14 220,146	221 292,057	15,562	15,096							
42	54	94 954	13 522,026	207 071,910	15,314	14,848							
43	55	94 558	12 855,090	193 549,885	15,056	14,590							
44	56	94 113	12 214,457	180 694,795	14,794	14,328							
45	57	93 633	11 600,999	168 480,338	14,523	14,057							
46	58	93 106	11 012,603	156 879,339	14,245	13,779							
47	59	92 526	10 447,752	145 866,735	13,962	13,496							
48	60	91 882	9 904,616	135 418,983	13,672	13,206							
49	61	91 171	9 382,317	125 514,367	13,378	12,912							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	2 069 879,400	20,781	20,315	50	63	89 842	8 826,307	113 552,441	12,865	12,399
1	14	99 261	94 759,477	1 970 273,740	20,792	20,326	51	64	88 948	8 342,214	104 726,134	12,554	12,088
2	15	99 227	90 432,302	1 875 514,263	20,739	20,273	52	65	87 973	7 876,641	96 383,920	12,237	11,771
3	16	99 203	86 310,076	1 785 081,961	20,682	20,216	53	66	86 920	7 429,401	88 507,280	11,913	11,447
4	17	99 178	82 375,954	1 698 771,885	20,622	20,156	54	67	85 769	6 998,657	81 077,879	11,585	11,119
5	18	99 154	78 621,361	1 616 395,931	20,559	20,093	55	68	84 541	6 585,623	74 079,222	11,249	10,783
6	19	99 129	75 037,189	1 537 774,569	20,493	20,027	56	69	83 203	6 187,451	67 493,598	10,908	10,442
7	20	99 104	71 616,324	1 462 737,380	20,425	19,959	57	70	81 721	5 801,691	61 306,147	10,567	10,101
8	21	99 078	68 350,972	1 391 121,056	20,353	19,887	58	71	80 125	5 430,424	55 504,456	10,221	9,755
9	22	99 054	65 235,477	1 322 770,083	20,277	19,811	59	72	78 408	5 073,070	50 074,031	9,871	9,405
10	23	99 029	62 261,858	1 257 534,607	20,198	19,732	60	73	76 565	4 729,178	45 000,961	9,516	9,050
11	24	99 005	59 424,381	1 195 272,749	20,114	19,648	61	74	74 564	4 396,757	40 271,783	9,159	8,693
12	25	98 982	56 716,480	1 135 848,368	20,027	19,561	62	75	72 432	4 077,368	35 875,026	8,799	8,333
13	26	98 954	54 129,292	1 079 131,888	19,936	19,470	63	76	70 140	3 769,330	31 797,658	8,436	7,970
14	27	98 927	51 660,730	1 025 002,596	19,841	19,375	64	77	67 698	3 473,122	28 028,328	8,070	7,604
15	28	98 895	49 301,684	973 341,865	19,743	19,277	65	78	65 144	3 190,520	24 555,206	7,696	7,230
16	29	98 856	47 047,532	924 040,181	19,641	19,175	66	79	62 399	2 917,485	21 364,686	7,323	6,857
17	30	98 809	44 892,761	876 992,649	19,535	19,069	67	80	59 460	2 654,033	18 447,202	6,951	6,485
18	31	98 754	42 833,507	832 099,889	19,426	18,960	68	81	56 326	2 400,147	15 793,169	6,580	6,114
19	32	98 684	40 862,230	789 266,381	19,315	18,849	69	82	52 989	2 155,527	13 393,021	6,213	5,747
20	33	98 611	38 980,449	748 404,151	19,199	18,733	70	83	49 433	1 919,717	11 237,494	5,854	5,388
21	34	98 536	37 184,457	709 423,702	19,079	18,612	71	84	45 653	1 692,532	9 317,777	5,505	5,039
22	35	98 459	35 470,383	672 239,245	18,952	18,486	72	85	41 675	1 474,991	7 625,245	5,170	4,704
23	36	98 372	33 831,940	636 768,862	18,822	18,356	73	86	37 590	1 270,055	6 150,254	4,843	4,377
24	37	98 283	32 268,828	602 936,923	18,685	18,219	74	87	33 393	1 077,091	4 880,199	4,531	4,065
25	38	98 189	30 775,905	570 668,094	18,543	18,077	75	88	29 145	897,468	3 803,108	4,238	3,772
26	39	98 091	29 351,090	539 892,189	18,394	17,928	76	89	24 958	733,685	2 905,639	3,960	3,494
27	40	97 984	27 989,563	510 541,099	18,240	17,774	77	90	20 929	587,347	2 171,955	3,698	3,232
28	41	97 878	26 691,420	482 551,536	18,079	17,613	78	91	17 132	458,969	1 584,608	3,453	2,987
29	42	97 761	25 450,616	455 860,116	17,912	17,446	79	92	13 650	349,111	1 125,639	3,224	2,758
30	43	97 634	24 264,950	430 409,501	17,738	17,272	80	93	10 536	257,252	776,528	3,019	2,553
31	44	97 495	23 131,659	406 144,551	17,558	17,092	81	94	7 865	183,316	519,277	2,833	2,367
32	45	97 347	22 049,187	383 012,891	17,371	16,905	82	95	5 683	126,460	335,961	2,657	2,191
33	46	97 183	21 013,856	360 963,704	17,177	16,711	83	96	3 944	83,782	209,501	2,501	2,035
34	47	97 000	20 023,157	339 949,848	16,978	16,512	84	97	2 618	53,089	125,719	2,368	1,902
35	48	96 805	19 076,932	319 926,691	16,770	16,304	85	98	1 681	32,542	72,630	2,232	1,766
36	49	96 586	18 170,510	300 849,760	16,557	16,091	86	99	1 028	18,999	40,088	2,110	1,644
37	50	96 338	17 302,043	282 679,250	16,338	15,872	87	100	598	10,546	21,089	2,000	1,534
38	51	96 064	16 470,560	265 377,207	16,112	15,646							
39	52	95 767	15 675,092	248 906,647	15,879	15,413							
40	53	95 446	14 914,060	233 231,555	15,638	15,172							
41	54	95 091	14 184,901	218 317,495	15,391	14,925							
42	55	94 692	13 484,782	204 132,594	15,138	14,672							
43	56	94 264	12 815,080	190 647,812	14,877	14,411							
44	57	93 795	12 173,153	177 832,732	14,609	14,143							
45	58	93 281	11 557,423	165 659,579	14,334	13,868							
46	59	92 717	10 966,641	154 102,157	14,052	13,586							
47	60	92 097	10 399,332	143 135,515	13,764	13,298							
48	61	91 411	9 853,837	132 736,183	13,471	13,004							
49	62	90 662	9 329,905	122 882,346	13,171	12,705							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	2 066 027,260	20,744	20,278	50	64	89 235	8 766,639	110 844,324	12,644	12,178
1	15	99 251	94 750,735	1 966 429,473	20,754	20,288	51	65	88 289	8 280,408	102 077,684	12,328	11,862
2	16	99 216	90 421,832	1 871 678,737	20,699	20,233	52	66	87 268	7 813,520	93 797,277	12,004	11,538
3	17	99 190	86 299,042	1 781 256,905	20,641	20,175	53	67	86 158	7 364,336	85 983,757	11,676	11,210
4	18	99 165	82 365,274	1 694 957,863	20,579	20,113	54	68	84 967	6 933,164	78 619,421	11,340	10,874
5	19	99 138	78 608,600	1 612 592,589	20,514	20,048	55	69	83 679	6 518,424	71 686,257	10,997	10,531
6	20	99 113	75 024,855	1 533 983,989	20,446	19,980	56	70	82 242	6 116,009	65 167,833	10,655	10,189
7	21	99 088	71 604,602	1 458 959,134	20,375	19,909	57	71	80 695	5 728,870	59 051,824	10,308	9,842
8	22	99 061	68 339,367	1 387 354,532	20,301	19,835	58	72	79 018	5 355,406	53 322,954	9,957	9,491
9	23	99 037	65 224,532	1 319 015,165	20,223	19,757	59	73	77 236	4 997,238	47 967,548	9,599	9,133
10	24	99 013	62 251,675	1 253 790,633	20,141	19,675	60	74	75 283	4 650,030	42 970,310	9,241	8,775
11	25	98 989	59 414,619	1 191 538,959	20,055	19,589	61	75	73 207	4 316,771	38 320,279	8,877	8,411
12	26	98 963	56 705,454	1 132 124,340	19,965	19,499	62	76	70 975	3 995,332	34 003,509	8,511	8,045
13	27	98 937	54 119,644	1 075 418,886	19,871	19,405	63	77	68 587	3 685,844	30 008,177	8,141	7,675
14	28	98 907	51 649,895	1 021 299,242	19,774	19,307	64	78	66 078	3 389,981	26 322,333	7,765	7,299
15	29	98 871	49 289,951	969 649,347	19,672	19,206	65	79	63 371	3 103,714	22 932,352	7,389	6,923
16	30	98 831	47 035,922	920 359,397	19,567	19,101	66	80	60 476	2 827,602	19 828,639	7,013	6,547
17	31	98 781	44 880,066	873 323,474	19,459	18,993	67	81	57 364	2 560,448	17 001,037	6,640	6,174
18	32	98 723	42 819,715	828 443,409	19,347	18,881	68	82	54 050	2 303,145	14 440,589	6,270	5,804
19	33	98 651	40 848,504	785 623,694	19,233	18,767	69	83	50 498	2 054,212	12 137,445	5,909	5,443
20	34	98 577	38 966,797	744 775,190	19,113	18,647	70	84	46 705	1 813,757	10 083,232	5,559	5,093
21	35	98 499	37 170,260	705 808,393	18,989	18,523	71	85	42 741	1 584,569	8 269,476	5,219	4,753
22	36	98 413	35 453,820	668 638,133	18,859	18,393	72	86	38 604	1 366,293	6 684,907	4,893	4,427
23	37	98 325	33 815,807	633 184,312	18,725	18,258	73	87	34 384	1 161,746	5 318,613	4,578	4,112
24	38	98 234	32 252,535	599 368,505	18,584	18,118	74	88	30 084	970,357	4 156,867	4,284	3,818
25	39	98 134	30 758,852	567 115,971	18,437	17,971	75	89	25 843	795,782	3 186,510	4,004	3,538
26	40	98 027	29 331,993	536 357,118	18,286	17,820	76	90	21 744	639,182	2 390,728	3,740	3,274
27	41	97 922	27 971,842	507 025,126	18,126	17,660	77	91	17 850	500,938	1 751,546	3,497	3,031
28	42	97 806	26 671,856	479 053,283	17,961	17,495	78	92	14 289	382,813	1 250,608	3,267	2,801
29	43	97 682	25 430,081	452 381,427	17,789	17,323	79	93	11 085	283,497	867,795	3,061	2,595
30	44	97 546	24 243,216	426 951,347	17,611	17,145	80	94	8 329	203,368	584,299	2,873	2,407
31	45	97 403	23 109,780	402 708,131	17,426	16,960	81	95	6 060	141,253	380,931	2,697	2,231
32	46	97 242	22 025,470	379 598,350	17,235	16,769	82	96	4 238	94,307	239,678	2,541	2,075
33	47	97 068	20 988,972	357 572,881	17,036	16,570	83	97	2 842	60,381	145,371	2,408	1,942
34	48	96 873	19 997,139	336 583,909	16,832	16,366	84	98	1 846	37,442	84,990	2,270	1,804
35	49	96 659	19 047,990	316 586,770	16,620	16,154	85	99	1 145	22,160	47,549	2,146	1,680
36	50	96 423	18 139,909	297 538,780	16,402	15,936	86	100	675	12,478	25,388	2,035	1,569
37	51	96 160	17 270,140	279 398,870	16,178	15,712							
38	52	95 865	16 436,359	262 128,731	15,948	15,482							
39	53	95 556	15 640,537	245 692,372	15,709	15,243							
40	54	95 209	14 877,095	230 051,835	15,463	14,997							
41	55	94 830	14 145,832	215 174,740	15,211	14,745							
42	56	94 397	13 442,812	201 028,908	14,954	14,488							
43	57	93 945	12 771,745	187 586,096	14,688	14,222							
44	58	93 443	12 127,427	174 814,351	14,415	13,949							
45	59	92 892	11 509,187	162 686,924	14,135	13,669							
46	60	92 287	10 915,817	151 177,737	13,849	13,383							
47	61	91 625	10 346,017	140 261,921	13,557	13,091							
48	62	90 900	9 798,792	129 915,903	13,258	12,792							
49	63	90 107	9 272,788	120 117,112	12,954	12,488							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	2 061 936,930	20,705	20,239	50	65	88 574	8 701,689	108 008,052	12,412	11,946
1	16	99 240	94 739,766	1 962 348,330	20,713	20,247	51	66	87 582	8 214,051	99 306,363	12,090	11,624
2	17	99 203	90 410,273	1 867 608,564	20,657	20,191	52	67	86 504	7 745,091	91 092,312	11,761	11,295
3	18	99 177	86 287,853	1 777 198,291	20,596	20,130	53	68	85 352	7 295,421	83 347,221	11,425	10,959
4	19	99 149	82 351,904	1 690 910,438	20,533	20,067	54	69	84 100	6 862,418	76 051,801	11,082	10,616
5	20	99 122	78 595,679	1 608 558,534	20,466	20,000	55	70	82 712	6 443,160	69 189,382	10,738	10,272
6	21	99 096	75 012,575	1 529 962,855	20,396	19,930	56	71	81 210	6 039,243	62 746,222	10,390	9,924
7	22	99 071	71 592,444	1 454 950,280	20,323	19,857	57	72	79 581	5 649,728	56 706,979	10,037	9,571
8	23	99 044	68 327,901	1 383 357,836	20,246	19,780	58	73	77 837	5 275,354	51 057,251	9,678	9,212
9	24	99 021	65 213,864	1 315 029,935	20,165	19,699	59	74	75 943	4 913,604	45 781,897	9,317	8,851
10	25	98 997	62 241,448	1 249 816,071	20,080	19,614	60	75	73 914	4 565,437	40 868,293	8,952	8,486
11	26	98 970	59 403,068	1 187 574,623	19,992	19,526	61	76	71 734	4 229,917	36 302,857	8,582	8,116
12	27	98 945	56 695,346	1 128 171,555	19,899	19,433	62	77	69 403	3 906,840	32 072,939	8,209	7,743
13	28	98 916	54 108,293	1 071 476,208	19,802	19,336	63	78	66 945	3 597,611	28 166,099	7,829	7,363
14	29	98 883	51 637,603	1 017 367,915	19,702	19,236	64	79	64 280	3 297,748	24 568,489	7,450	6,984
15	30	98 847	49 277,788	965 730,313	19,598	19,132	65	80	61 419	3 008,093	21 270,741	7,071	6,605
16	31	98 803	47 022,621	916 452,525	19,490	19,024	66	81	58 344	2 727,896	18 262,648	6,695	6,229
17	32	98 749	44 865,614	869 429,904	19,379	18,913	67	82	55 045	2 456,967	15 534,752	6,323	5,857
18	33	98 689	42 805,331	824 564,290	19,263	18,797	68	83	51 509	2 194,892	13 077,785	5,958	5,492
19	34	98 617	40 834,198	781 758,959	19,145	18,679	69	84	47 711	1 940,828	10 882,893	5,607	5,141
20	35	98 539	38 951,920	740 924,761	19,022	18,556	70	85	43 726	1 698,061	8 942,065	5,266	4,800
21	36	98 453	37 152,904	701 972,841	18,894	18,428	71	86	39 591	1 467,796	7 244,004	4,935	4,469
22	37	98 366	35 436,914	664 819,937	18,761	18,295	72	87	35 312	1 249,778	5 776,208	4,622	4,156
23	38	98 275	33 798,732	629 383,023	18,621	18,155	73	88	30 977	1 046,623	4 526,430	4,325	3,859
24	39	98 179	32 234,663	595 584,291	18,477	18,011	74	89	26 675	860,412	3 479,807	4,044	3,578
25	40	98 070	30 738,839	563 349,628	18,327	17,861	75	90	22 514	693,280	2 619,395	3,778	3,312
26	41	97 965	29 313,422	532 610,788	18,170	17,704	76	91	18 545	545,147	1 926,115	3,533	3,067
27	42	97 850	27 951,340	503 297,367	18,006	17,540	77	92	14 888	417,819	1 380,968	3,305	2,839
28	43	97 727	26 650,336	475 346,026	17,836	17,370	78	93	11 603	310,865	963,149	3,098	2,632
29	44	97 595	25 407,303	448 695,690	17,660	17,194	79	94	8 763	224,116	652,285	2,910	2,444
30	45	97 454	24 220,286	423 288,387	17,477	17,011	80	95	6 418	156,704	428,169	2,732	2,266
31	46	97 298	23 084,922	399 068,102	17,287	16,821	81	96	4 519	105,339	271,465	2,577	2,111
32	47	97 127	21 999,387	375 983,180	17,091	16,625	82	97	3 054	67,966	166,126	2,444	1,978
33	48	96 941	20 961,699	353 983,792	16,887	16,421	83	98	2 005	42,584	98,161	2,305	1,839
34	49	96 727	19 966,801	333 022,093	16,679	16,213	84	99	1 257	25,497	55,576	2,180	1,714
35	50	96 496	19 015,912	313 055,292	16,463	15,997	85	100	752	14,554	30,080	2,067	1,601
36	51	96 245	18 106,461	294 039,380	16,239	15,773							
37	52	95 960	17 234,278	275 932,918	16,011	15,545							
38	53	95 653	16 400,126	258 698,640	15,774	15,308							
39	54	95 319	15 601,771	242 298,514	15,530	15,064							
40	55	94 947	14 836,119	226 696,743	15,280	14,814							
41	56	94 534	14 101,804	211 860,624	15,024	14,558							
42	57	94 078	13 397,354	197 758,820	14,761	14,295							
43	58	93 592	12 723,770	184 361,465	14,490	14,024							
44	59	93 053	12 076,812	171 637,695	14,212	13,746							
45	60	92 461	11 455,848	159 560,883	13,928	13,462							
46	61	91 814	10 859,854	148 105,035	13,638	13,172							
47	62	91 113	10 288,222	137 245,181	13,340	12,874							
48	63	90 344	9 738,804	126 956,959	13,036	12,570							
49	64	89 498	9 210,103	117 218,155	12,727	12,261							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	2 057 599,329	20,663	20,197	50	66	87 864	8 631,956	105 044,076	12,169	11,703
1	17	99 227	94 727,654	1 958 022,259	20,670	20,204	51	67	86 815	8 142,114	96 412,120	11,841	11,375
2	18	99 190	90 398,551	1 863 294,605	20,612	20,146	52	68	85 694	7 672,613	88 270,005	11,505	11,039
3	19	99 161	86 273,847	1 772 896,054	20,550	20,084	53	69	84 481	7 220,978	80 597,393	11,162	10,696
4	20	99 133	82 338,368	1 686 622,207	20,484	20,018	54	70	83 129	6 783,183	73 376,414	10,817	10,351
5	21	99 105	78 582,814	1 604 283,839	20,415	19,949	55	71	81 674	6 362,287	66 593,231	10,467	10,001
6	22	99 080	74 999,838	1 525 701,024	20,343	19,877	56	72	80 088	5 955,813	60 230,944	10,113	9,647
7	23	99 054	71 580,432	1 450 701,186	20,267	19,801	57	73	78 391	5 565,277	54 275,131	9,752	9,286
8	24	99 028	68 316,725	1 379 120,754	20,187	19,721	58	74	76 534	5 187,065	48 709,854	9,391	8,925
9	25	99 004	65 203,151	1 310 804,029	20,103	19,637	59	75	74 561	4 824,215	43 522,789	9,022	8,556
10	26	98 977	62 229,348	1 245 600,878	20,016	19,550	60	76	72 426	4 473,580	38 698,573	8,650	8,184
11	27	98 952	59 392,480	1 183 371,530	19,925	19,459	61	77	70 146	4 136,230	34 224,993	8,274	7,808
12	28	98 925	56 683,455	1 123 979,050	19,829	19,363	62	78	67 741	3 813,316	30 088,764	7,874	7,424
13	29	98 892	54 095,416	1 067 295,595	19,730	19,264	63	79	65 124	3 499,729	26 275,447	7,508	7,042
14	30	98 859	51 624,860	1 013 200,179	19,626	19,160	64	80	62 300	3 196,150	22 775,719	7,126	6,660
15	31	98 819	49 263,853	961 575,319	19,519	19,053	65	81	59 253	2 902,023	19 579,569	6,747	6,281
16	32	98 771	47 007,480	912 311,467	19,408	18,927	66	82	55 986	2 617,647	16 677,546	6,371	5,905
17	33	98 716	44 850,543	865 303,987	19,293	18,827	67	83	52 458	2 341,483	14 059,898	6,005	5,539
18	34	98 655	42 790,340	820 453,444	19,174	18,708	68	84	48 666	2 073,743	11 718,415	5,651	5,185
19	35	98 579	40 818,608	777 663,104	19,052	18,586	69	85	44 667	1 817,027	9 644,672	5,308	4,842
20	36	98 493	38 933,732	736 844,496	18,926	18,460	70	86	40 503	1 572,924	7 827,646	4,976	4,510
21	37	98 406	37 135,187	697 910,764	18,794	18,328	71	87	36 215	1 342,625	6 254,721	4,659	4,193
22	38	98 316	35 419,021	660 775,577	18,656	18,190	72	88	31 813	1 125,932	4 912,097	4,363	3,897
23	39	98 221	33 780,004	625 356,557	18,513	18,047	73	89	27 467	928,037	3 786,165	4,080	3,614
24	40	98 115	32 213,690	591 576,553	18,364	17,898	74	90	23 239	749,585	2 858,128	3,813	3,347
25	41	98 008	30 719,378	559 362,863	18,209	17,743	75	91	19 202	591,287	2 108,543	3,566	3,100
26	42	97 893	29 291,937	528 643,485	18,047	17,581	76	92	15 468	454,692	1 517,256	3,337	2,871
27	43	97 771	27 928,788	499 351,548	17,879	17,413	77	93	12 090	339,291	1 062,564	3,132	2,666
28	44	97 640	26 626,465	471 422,760	17,705	17,239	78	94	9 173	245,751	723,273	2,943	2,477
29	45	97 502	25 383,272	444 796,295	17,523	17,057	79	95	6 752	172,691	477,522	2,765	2,299
30	46	97 349	24 194,233	419 413,023	17,335	16,869	80	96	4 786	116,861	304,831	2,608	2,142
31	47	97 183	23 057,585	395 218,791	17,141	16,675	81	97	3 257	75,916	187,969	2,476	2,010
32	48	97 001	21 970,802	372 161,206	16,939	16,473	82	98	2 154	47,934	112,053	2,338	1,872
33	49	96 794	20 929,898	350 190,404	16,732	16,266	83	99	1 365	28,999	64,120	2,211	1,745
34	50	96 564	19 933,176	329 260,505	16,518	16,052	84	100	826	16,745	35,121	2,097	1,631
35	51	96 318	18 980,848	309 327,329	16,297	15,831							
36	52	96 045	18 068,863	290 346,481	16,069	15,603							
37	53	95 749	17 196,286	272 277,618	15,834	15,368							
38	54	95 416	16 359,477	255 081,332	15,592	15,126							
39	55	95 057	15 558,800	238 721,854	15,343	14,877							
40	56	94 652	14 789,944	223 163,055	15,089	14,623							
41	57	94 215	14 054,118	208 373,111	14,826	14,360							
42	58	93 725	13 347,030	194 318,993	14,559	14,093							
43	59	93 201	12 670,667	180 971,963	14,283	13,817							
44	60	92 622	12 020,843	168 301,297	14,001	13,535							
45	61	91 987	11 397,116	156 280,454	13,712	13,246							
46	62	91 301	10 799,189	144 883,338	13,416	12,950							
47	63	90 555	10 225,239	134 084,150	13,113	12,647							
48	64	89 733	9 672,968	123 858,911	12,805	12,339							
49	65	88 835	9 141,867	114 185,943	12,490	12,024							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	2 053 006,102	20,620	20,154	50	67	87 094	8 556,360	101 952,424	11,915	11,449
1	18	99 214	94 715,373	1 953 441,762	20,624	20,158	51	68	86 002	8 065,921	93 396,065	11,579	11,113
2	19	99 174	90 383,877	1 858 726,389	20,565	20,099	52	69	84 820	7 594,322	85 330,144	11,236	10,770
3	20	99 145	86 259,666	1 768 342,512	20,500	20,034	53	70	83 506	7 137,603	77 735,822	10,891	10,425
4	21	99 117	82 324,891	1 682 082,846	20,432	19,966	54	71	82 085	6 698,042	70 598,219	10,540	10,074
5	22	99 089	78 569,471	1 599 757,955	20,361	19,895	55	72	80 546	6 274,396	63 900,177	10,184	9,718
6	23	99 063	74 987,255	1 521 188,484	20,286	19,820	56	73	78 891	5 866,787	57 625,781	9,822	9,356
7	24	99 038	71 568,725	1 446 201,229	20,207	19,741	57	74	77 079	5 472,136	51 758,995	9,459	8,993
8	25	99 012	68 305,903	1 374 632,504	20,125	19,659	58	75	75 142	5 092,701	46 286,859	9,089	8,623
9	26	98 985	65 190,475	1 306 327,001	20,039	19,573	59	76	73 061	4 727,152	41 194,157	8,714	8,248
10	27	98 960	62 218,256	1 241 136,527	19,948	19,482	60	77	70 822	4 374,495	36 467,005	8,336	7,870
11	28	98 932	59 380,023	1 178 918,270	19,854	19,388	61	78	68 466	4 037,215	32 092,510	7,949	7,483
12	29	98 901	56 669,965	1 119 538,248	19,755	19,289	62	79	65 898	3 709,566	28 055,295	7,563	7,097
13	30	98 868	54 082,067	1 062 868,283	19,653	19,187	63	80	63 117	3 391,908	24 345,729	7,178	6,712
14	31	98 831	51 610,261	1 008 786,216	19,546	19,080	64	81	60 103	3 083,448	20 953,822	6,796	6,330
15	32	98 787	49 247,989	957 175,955	19,436	18,970	65	82	56 859	2 784,737	17 870,373	6,417	5,951
16	33	98 738	46 991,965	907 927,966	19,321	18,855	66	83	53 354	2 494,612	15 085,636	6,047	5,581
17	34	98 681	44 834,835	860 936,276	19,202	18,736	67	84	49 562	2 212,243	12 591,024	5,692	5,226
18	35	98 617	42 774,003	816 101,440	19,079	18,613	68	85	45 562	1 941,463	10 378,781	5,346	4,880
19	36	98 533	40 799,548	773 327,438	18,954	18,488	69	86	41 376	1 683,123	8 437,318	5,013	4,547
20	37	98 446	38 915,166	732 527,890	18,824	18,358	70	87	37 049	1 438,788	6 754,195	4,694	4,228
21	38	98 356	37 116,436	693 612,724	18,687	18,221	71	88	32 626	1 209,577	5 315,407	4,394	3,928
22	39	98 262	35 399,395	656 496,288	18,545	18,079	72	89	28 208	998,359	4 105,830	4,113	3,647
23	40	98 157	33 758,025	621 096,893	18,398	17,932	73	90	23 929	808,500	3 107,471	3,844	3,377
24	41	98 053	32 193,295	587 338,868	18,244	17,778	74	91	19 820	639,309	2 298,971	3,596	3,130
25	42	97 937	30 696,862	555 145,573	18,085	17,619	75	92	16 016	493,176	1 659,662	3,365	2,899
26	43	97 814	29 268,303	524 448,711	17,919	17,453	76	93	12 561	369,234	1 166,487	3,159	2,693
27	44	97 684	27 903,772	495 180,408	17,746	17,280	77	94	9 558	268,224	797,252	2,972	2,506
28	45	97 547	26 601,281	467 276,636	17,566	17,100	78	95	7 068	189,362	529,028	2,794	2,328
29	46	97 397	25 355,968	440 675,355	17,380	16,914	79	96	5 035	128,784	339,666	2,637	2,171
30	47	97 234	24 165,582	415 319,388	17,186	16,720	80	97	3 449	84,221	210,883	2,504	2,038
31	48	97 056	23 027,625	391 153,806	16,986	16,520	81	98	2 297	53,541	126,662	2,366	1,900
32	49	96 854	21 937,470	368 126,181	16,781	16,315	82	99	1 467	32,642	73,121	2,240	1,774
33	50	96 631	20 894,651	346 188,711	16,568	16,102	83	100	897	19,045	40,480	2,126	1,660
34	51	96 386	19 896,421	325 294,060	16,349	15,883							
35	52	96 118	18 941,435	305 397,639	16,123	15,657							
36	53	95 834	18 029,032	286 456,204	15,889	15,423							
37	54	95 512	17 153,664	268 427,173	15,648	15,182							
38	55	95 154	16 314,419	251 273,509	15,402	14,936							
39	56	94 761	15 510,375	234 959,090	15,149	14,683							
40	57	94 331	14 739,930	219 448,715	14,888	14,422							
41	58	93 861	14 001,326	204 708,785	14,621	14,155							
42	59	93 334	13 291,325	190 707,459	14,348	13,882							
43	60	92 770	12 611,945	177 416,133	14,067	13,601							
44	61	92 147	11 959,214	164 804,189	13,781	13,315							
45	62	91 473	11 333,450	152 844,974	13,486	13,020							
46	63	90 742	10 733,077	141 511,525	13,185	12,719							
47	64	89 943	10 156,114	130 778,448	12,877	12,411							
48	65	89 068	9 601,303	120 622,334	12,563	12,097							
49	66	88 123	9 068,607	111 021,031	12,242	11,776							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	2 048 147,369	20,574	20,108	50	68	86 279	8 476,290	98 734,339	11,648	11,182
1	19	99 198	94 699,998	1 948 595,937	20,577	20,111	51	69	85 125	7 983,617	90 258,049	11,305	10,839
2	20	99 158	90 369,021	1 853 895,939	20,515	20,049	52	70	83 841	7 506,635	82 274,432	10,960	10,494
3	21	99 129	86 245,547	1 763 526,918	20,448	19,982	53	71	82 458	7 048,013	74 767,797	10,608	10,142
4	22	99 100	82 310,913	1 677 281,371	20,377	19,911	54	72	80 951	6 605,512	67 719,783	10,252	9,786
5	23	99 072	78 556,289	1 594 970,458	20,304	19,838	55	73	79 342	6 180,607	61 114,271	9,888	9,422
6	24	99 047	74 974,990	1 516 414,169	20,226	19,760	56	74	77 570	5 768,600	54 933,665	9,523	9,057
7	25	99 022	71 556,968	1 441 439,179	20,144	19,678	57	75	75 677	5 372,586	49 165,065	9,151	8,685
8	26	98 993	68 292,223	1 369 882,211	20,059	19,593	58	76	73 630	4 990,236	43 792,479	8,776	8,310
9	27	98 968	65 178,855	1 301 589,988	19,970	19,504	59	77	71 443	4 622,451	38 802,243	8,394	7,928
10	28	98 939	62 205,206	1 236 411,133	19,876	19,410	60	78	69 127	4 269,777	34 179,791	8,005	7,539
11	29	98 908	59 365,891	1 174 205,927	19,779	19,313	61	79	66 604	3 927,372	29 910,014	7,616	7,150
12	30	98 877	56 655,981	1 114 840,036	19,677	19,211	62	80	63 868	3 595,280	25 982,642	7,227	6,761
13	31	98 840	54 066,773	1 058 184,055	19,572	19,106	63	81	60 892	3 272,304	22 387,362	6,841	6,375
14	32	98 799	51 593,643	1 004 117,282	19,462	18,996	64	82	57 674	2 958,830	19 115,058	6,460	5,994
15	33	98 754	49 231,447	952 523,639	19,348	18,882	65	83	54 186	2 653,848	16 156,228	6,088	5,622
16	34	98 704	46 975,232	903 292,193	19,229	18,763	66	84	50 409	2 356,920	13 502,380	5,729	5,263
17	35	98 643	44 817,718	856 316,961	19,107	18,641	67	85	46 401	2 071,129	11 145,460	5,381	4,915
18	36	98 571	42 754,030	811 499,243	18,981	18,515	68	86	42 204	1 798,389	9 074,332	5,046	4,580
19	37	98 486	40 780,092	768 745,213	18,851	18,385	69	87	37 847	1 539,589	7 275,943	4,726	4,260
20	38	98 397	38 895,517	727 965,121	18,716	18,250	70	88	33 378	1 296,211	5 736,354	4,425	3,959
21	39	98 302	37 095,870	689 069,604	18,575	18,109	71	89	28 930	1 072,527	4 440,142	4,140	3,674
22	40	98 198	35 376,362	651 973,735	18,430	17,964	72	90	24 575	869,764	3 367,615	3,872	3,406
23	41	98 095	33 736,652	616 597,372	18,277	17,811	73	91	20 409	689,556	2 497,851	3,622	3,156
24	42	97 981	32 169,699	582 860,720	18,118	17,652	74	92	16 532	533,229	1 808,295	3,391	2,925
25	43	97 858	30 672,094	550 691,021	17,954	17,488	75	93	13 006	400,485	1 275,066	3,184	2,718
26	44	97 727	29 242,087	520 018,927	17,783	17,317	76	94	9 930	291,895	874,580	2,996	2,530
27	45	97 591	27 877,379	490 776,840	17,605	17,139	77	95	7 365	206,678	582,685	2,819	2,353
28	46	97 442	26 572,667	462 899,461	17,420	16,954	78	96	5 271	141,216	376,007	2,663	2,197
29	47	97 282	25 325,942	436 326,794	17,228	16,762	79	97	3 629	92,813	234,791	2,530	2,064
30	48	97 108	24 134,182	411 000,853	17,030	16,564	80	98	2 433	59,397	141,978	2,390	1,924
31	49	96 909	22 992,689	386 866,670	16,826	16,360	81	99	1 564	36,460	82,581	2,265	1,799
32	50	96 690	21 900,526	363 873,981	16,615	16,149	82	100	963	21,437	46,121	2,151	1,685
33	51	96 453	20 856,123	341 973,455	16,397	15,931							
34	52	96 185	19 855,106	321 117,332	16,173	15,707							
35	53	95 906	18 899,680	301 262,226	15,940	15,474							
36	54	95 596	17 984,345	282 362,546	15,700	15,234							
37	55	95 249	17 106,418	264 378,201	15,455	14,989							
38	56	94 857	16 263,642	247 271,783	15,204	14,738							
39	57	94 441	15 457,925	231 008,141	14,944	14,478							
40	58	93 977	14 684,563	215 550,216	14,679	14,213							
41	59	93 469	13 942,891	200 865,653	14,406	13,940							
42	60	92 901	13 229,727	186 922,762	14,129	13,663							
43	61	92 294	12 547,286	173 693,035	13,843	13,377							
44	62	91 632	11 892,408	161 145,749	13,550	13,084							
45	63	90 913	11 264,067	149 253,342	13,250	12,784							
46	64	90 129	10 660,519	137 989,274	12,944	12,478							
47	65	89 277	10 080,870	127 328,755	12,631	12,165							
48	66	88 355	9 524,361	117 247,886	12,310	11,844							
49	67	87 351	8 989,186	107 723,525	11,984	11,518							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	2 043 011,762	20,526	20,059	50	69	85 399	8 389,798	95 389,732	11,370	10,904
1	20	99 182	94 684,433	1 943 476,490	20,526	20,060	51	70	84 142	7 891,435	86 999,935	11,025	10,559
2	21	99 142	90 354,230	1 848 792,057	20,462	19,996	52	71	82 788	7 412,414	79 108,499	10,672	10,206
3	22	99 112	86 230,903	1 758 437,828	20,392	19,926	53	72	81 318	6 950,649	71 696,085	10,315	9,849
4	23	99 083	82 297,103	1 672 206,925	20,319	19,853	54	73	79 741	6 506,774	64 745,437	9,950	9,484
5	24	99 056	78 543,440	1 589 909,822	20,242	19,776	55	74	78 014	6 077,168	58 238,663	9,583	9,117
6	25	99 031	74 962,674	1 511 366,382	20,162	19,696	56	75	76 159	5 663,657	52 161,496	9,210	8,744
7	26	99 002	71 543,056	1 436 403,708	20,077	19,611	57	76	74 154	5 264,490	46 497,839	8,832	8,366
8	27	98 975	68 280,051	1 364 860,652	19,989	19,523	58	77	71 999	4 879,708	41 233,349	8,450	7,984
9	28	98 947	65 165,184	1 296 580,601	19,897	19,431	59	78	69 733	4 511,797	36 353,640	8,057	7,591
10	29	98 915	62 190,402	1 231 415,417	19,801	19,335	60	79	67 246	4 153,607	31 841,843	7,666	7,200
11	30	98 884	59 351,241	1 169 225,015	19,700	19,234	61	80	64 552	3 806,376	27 688,236	7,274	6,808
12	31	98 849	56 639,959	1 109 873,773	19,595	19,129	62	81	61 616	3 468,505	23 881,860	6,885	6,419
13	32	98 808	54 049,363	1 053 233,814	19,487	19,021	63	82	58 431	3 140,053	20 413,355	6,501	6,035
14	33	98 766	51 576,312	999 184,451	19,373	18,907	64	83	54 963	2 819,758	17 273,302	6,126	5,660
15	34	98 719	49 214,204	947 608,139	19,255	18,789	65	84	51 195	2 507,367	14 453,544	5,764	5,298
16	35	98 666	46 957,297	898 393,935	19,132	18,666	66	85	47 194	2 206,577	11 946,178	5,414	4,948
17	36	98 597	44 796,791	851 436,638	19,007	18,541	67	86	42 982	1 918,499	9 739,601	5,077	4,611
18	37	98 524	42 733,642	806 639,847	18,876	18,410	68	87	38 605	1 645,025	7 821,102	4,754	4,288
19	38	98 436	40 759,501	763 906,205	18,742	18,276	69	88	34 097	1 387,024	6 176,076	4,453	3,987
20	39	98 342	38 873,964	723 146,704	18,602	18,136	70	89	29 596	1 149,345	4 789,053	4,167	3,701
21	40	98 238	37 071,733	684 272,739	18,458	17,992	71	90	25 203	934,379	3 639,707	3,895	3,429
22	41	98 136	35 353,965	647 201,006	18,306	17,840	72	91	20 960	741,807	2 705,328	3,647	3,181
23	42	98 023	33 711,925	611 847,041	18,149	17,683	73	92	17 022	575,139	1 963,521	3,414	2,948
24	43	97 902	32 143,743	578 135,116	17,986	17,520	74	93	13 424	433,011	1 388,382	3,206	2,740
25	44	97 770	30 644,621	545 991,374	17,817	17,351	75	94	10 282	316,600	955,371	3,018	2,552
26	45	97 634	29 214,428	515 346,752	17,640	17,174	76	95	7 651	224,918	638,771	2,840	2,374
27	46	97 486	27 847,393	486 132,324	17,457	16,991	77	96	5 492	154,129	413,853	2,685	2,219
28	47	97 327	26 541,200	458 284,931	17,267	16,801	78	97	3 799	101,773	259,723	2,552	2,086
29	48	97 156	25 293,034	431 743,731	17,070	16,604	79	98	2 559	65,457	157,951	2,413	1,947
30	49	96 960	24 097,568	406 450,698	16,867	16,401	80	99	1 657	40,448	92,494	2,287	1,821
31	50	96 746	22 953,968	382 353,130	16,657	16,191	81	100	1 027	23,945	52,046	2,174	1,708
32	51	96 512	21 860,143	359 399,161	16,441	15,975							
33	52	96 253	20 812,815	337 539,018	16,218	15,752							
34	53	95 973	19 811,337	316 726,203	15,987	15,521							
35	54	95 668	18 852,835	296 914,866	15,749	15,283							
36	55	95 333	17 934,811	278 062,030	15,504	15,038							
37	56	94 952	17 053,176	260 127,219	15,254	14,788							
38	57	94 537	16 208,645	243 074,042	14,997	14,531							
39	58	94 086	15 399,861	226 865,397	14,732	14,266							
40	59	93 585	14 623,275	211 465,537	14,461	13,995							
41	60	93 036	13 878,273	196 842,261	14,183	13,717							
42	61	92 425	13 161,901	182 963,988	13,901	13,435							
43	62	91 778	12 477,194	169 802,087	13,609	13,143							
44	63	91 071	11 819,604	157 324,893	13,311	12,844							
45	64	90 299	11 187,920	145 505,289	13,006	12,540							
46	65	89 461	10 581,538	134 317,370	12,694	12,228							
47	66	88 561	10 000,085	123 735,832	12,373	11,907							
48	67	87 581	9 440,949	113 735,747	12,047	11,581							
49	68	86 534	8 905,066	104 294,798	11,712	11,246							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	2 037 590,663	20,474	20,008	50	70	84 413	8 292,927	91 920,628	11,084	10,618
1	21	99 166	94 668,935	1 938 071,751	20,472	20,006	51	71	83 086	7 792,384	83 627,701	10,732	10,266
2	22	99 125	90 338,888	1 843 402,817	20,405	19,939	52	72	81 645	7 310,015	75 835,317	10,374	9,908
3	23	99 095	86 216,435	1 753 063,929	20,333	19,867	53	73	80 103	6 846,751	68 525,302	10,008	9,542
4	24	99 067	82 283,642	1 666 847,494	20,257	19,791	54	74	78 407	6 397,876	61 678,551	9,640	9,174
5	25	99 040	78 530,538	1 584 563,851	20,178	19,712	55	75	76 595	5 966,611	55 280,675	9,265	8,799
6	26	99 011	74 948,100	1 506 033,313	20,094	19,628	56	76	74 627	5 549,704	49 314,064	8,886	8,420
7	27	98 985	71 530,305	1 431 085,213	20,007	19,541	57	77	72 512	5 147,888	43 764,360	8,501	8,035
8	28	98 954	68 265,729	1 359 554,909	19,916	19,450	58	78	70 276	4 762,896	38 616,472	8,108	7,642
9	29	98 923	65 149,675	1 291 289,179	19,820	19,354	59	79	67 836	4 389,043	33 853,576	7,713	7,247
10	30	98 891	62 175,055	1 226 139,504	19,721	19,255	60	80	65 174	4 025,641	29 464,534	7,319	6,853
11	31	98 856	59 334,458	1 163 964,448	19,617	19,151	61	81	62 276	3 672,158	25 438,893	6,928	6,461
12	32	98 817	56 621,721	1 104 629,991	19,509	19,043	62	82	59 126	3 328,324	21 766,735	6,540	6,074
13	33	98 775	54 031,208	1 048 008,270	19,396	18,930	63	83	55 684	2 992,463	18 438,411	6,162	5,696
14	34	98 731	51 558,249	993 977,062	19,279	18,813	64	84	51 929	2 664,119	15 445,948	5,798	5,332
15	35	98 681	49 195,415	942 418,814	19,157	18,691	65	85	47 930	2 347,427	12 781,829	5,445	4,979
16	36	98 620	46 935,371	893 223,399	19,031	18,565	66	86	43 716	2 043,966	10 434,402	5,105	4,639
17	37	98 550	44 775,429	846 288,028	18,901	18,435	67	87	39 316	1 754,893	8 390,436	4,781	4,315
18	38	98 474	42 712,065	801 512,599	18,765	18,299	68	88	34 780	1 482,012	6 635,544	4,477	4,011
19	39	98 382	40 736,916	758 800,534	18,627	18,161	69	89	30 233	1 229,868	5 153,532	4,190	3,724
20	40	98 278	38 848,671	718 063,618	18,484	18,018	70	90	25 784	1 001,303	3 923,663	3,919	3,453
21	41	98 175	37 048,262	679 214,947	18,333	17,867	71	91	21 496	796,916	2 922,361	3,667	3,201
22	42	98 064	35 328,052	642 166,685	18,177	17,711	72	92	17 482	618,720	2 125,445	3,435	2,969
23	43	97 944	33 684,725	606 838,633	18,015	17,549	73	93	13 823	467,044	1 506,724	3,226	2,760
24	44	97 815	32 114,952	573 153,908	17,847	17,381	74	94	10 613	342,313	1 039,680	3,037	2,571
25	45	97 677	30 615,636	541 038,957	17,672	17,206	75	95	7 922	243,954	697,367	2,859	2,393
26	46	97 529	29 183,004	510 423,320	17,490	17,024	76	96	5 706	167,732	453,413	2,703	2,237
27	47	97 371	27 814,416	481 240,317	17,302	16,836	77	97	3 958	111,079	285,681	2,572	2,106
28	48	97 201	26 506,713	453 425,901	17,106	16,640	78	98	2 679	71,776	174,602	2,433	1,967
29	49	97 008	25 254,661	426 919,188	16,905	16,439	79	99	1 743	44,575	102,826	2,307	1,841
30	50	96 797	24 056,986	401 664,526	16,696	16,230	80	100	1 088	26,564	58,251	2,193	1,727
31	51	96 568	22 911,643	377 607,540	16,481	16,015							
32	52	96 312	21 814,751	354 695,897	16,259	15,793							
33	53	96 041	20 766,935	332 881,146	16,029	15,563							
34	54	95 736	19 762,233	312 114,211	15,793	15,327							
35	55	95 405	18 800,910	292 351,978	15,550	15,084							
36	56	95 036	17 878,992	273 551,068	15,300	14,834							
37	57	94 631	16 995,510	255 672,077	15,044	14,577							
38	58	94 181	16 147,761	238 676,567	14,781	14,315							
39	59	93 693	15 335,588	222 528,807	14,511	14,045							
40	60	93 151	14 555,504	207 193,219	14,235	13,769							
41	61	92 559	13 807,122	192 637,714	13,952	13,486							
42	62	91 908	13 088,376	178 830,592	13,663	13,197							
43	63	91 217	12 400,810	165 742,216	13,365	12,899							
44	64	90 455	11 739,701	153 341,406	13,062	12,596							
45	65	89 630	11 105,031	141 601,705	12,751	12,285							
46	66	88 744	10 496,740	130 496,675	12,432	11,966							
47	67	87 786	9 912,506	119 999,934	12,106	11,640							
48	68	86 761	9 352,601	110 087,428	11,771	11,305							
49	69	85 651	8 814,199	100 734,827	11,429	10,963							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	2 031 871,910	20,420	19,954	50	71	83 353	8 188,836	88 333,374	10,787	10,321
1	22	99 149	94 652,860	1 932 369,288	20,415	19,949	51	72	81 938	7 684,736	80 144,538	10,429	9,963
2	23	99 108	90 323,731	1 837 716,427	20,346	19,880	52	73	80 424	7 200,746	72 459,802	10,063	9,597
3	24	99 079	86 202,334	1 747 392,697	20,271	19,805	53	74	78 762	6 732,164	65 259,056	9,694	9,228
4	25	99 051	82 270,126	1 661 190,363	20,192	19,726	54	75	76 980	6 281,485	58 526,893	9,317	8,851
5	26	99 020	78 515,271	1 578 920,237	20,110	19,644	55	76	75 054	5 846,563	52 245,408	8,936	8,470
6	27	98 994	74 934,742	1 500 404,967	20,023	19,557	56	77	72 974	5 426,785	46 398,845	8,550	8,084
7	28	98 964	71 515,301	1 425 470,225	19,932	19,466	57	78	70 776	5 024,655	40 972,060	8,154	7,688
8	29	98 931	68 249,483	1 353 954,924	19,838	19,372	58	79	68 364	4 633,309	35 947,405	7,758	7,292
9	30	98 899	65 133,599	1 285 705,441	19,740	19,274	59	80	65 746	4 253,823	31 314,096	7,361	6,895
10	31	98 863	62 157,473	1 220 571,842	19,637	19,171	60	81	62 876	3 883,691	27 060,272	6,968	6,502
11	32	98 824	59 315,352	1 158 414,369	19,530	19,064	61	82	59 759	3 523,746	23 176,581	6,577	6,111
12	33	98 784	56 602,701	1 099 099,017	19,418	18,952	62	83	56 347	3 171,885	19 652,835	6,196	5,730
13	34	98 740	54 012,285	1 042 496,316	19,301	18,835	63	84	52 611	2 827,292	16 480,950	5,829	5,363
14	35	98 694	51 538,564	988 484,032	19,180	18,713	64	85	48 617	2 494,180	13 653,658	5,474	5,008
15	36	98 635	49 172,444	936 945,468	19,054	18,588	65	86	44 398	2 174,436	11 159,478	5,132	4,666
16	37	98 573	46 912,990	887 773,024	18,924	18,458	66	87	39 988	1 869,659	8 985,042	4,806	4,340
17	38	98 501	44 752,820	840 860,035	18,789	18,323	67	88	35 420	1 580,992	7 115,383	4,501	4,035
18	39	98 420	42 688,398	796 107,214	18,649	18,183	68	89	30 839	1 314,094	5 534,391	4,212	3,746
19	40	98 318	40 710,411	753 418,817	18,507	18,041	69	90	26 339	1 071,454	4 220,297	3,939	3,473
20	41	98 216	38 824,075	712 708,406	18,357	17,891	70	91	21 991	853,994	3 148,843	3,687	3,221
21	42	98 103	37 021,108	673 884,331	18,203	17,737	71	92	17 929	664,685	2 294,849	3,453	2,987
22	43	97 985	35 299,548	636 863,223	18,042	17,576	72	93	14 196	502,434	1 630,164	3,245	2,779
23	44	97 856	33 654,553	601 563,675	17,875	17,409	73	94	10 928	369,218	1 127,729	3,054	2,588
24	45	97 722	32 084,576	567 909,122	17,700	17,234	74	95	8 177	263,767	758,512	2,876	2,410
25	46	97 572	30 582,704	535 824,546	17,521	17,055	75	96	5 908	181,928	494,745	2,719	2,253
26	47	97 414	29 148,445	505 241,842	17,333	16,867	76	97	4 112	120,882	312,817	2,588	2,122
27	48	97 244	27 778,275	476 093,397	17,139	16,673	77	98	2 792	78,340	191,935	2,450	1,984
28	49	97 053	26 466,499	448 315,122	16,939	16,473	78	99	1 824	48,878	113,595	2,324	1,858
29	50	96 845	25 212,131	421 848,623	16,732	16,266	79	100	1 145	29,274	64,717	2,211	1,745
30	51	96 619	24 012,627	396 636,492	16,518	16,052							
31	52	96 367	22 864,067	372 623,864	16,297	15,831							
32	53	96 099	21 766,662	349 759,797	16,069	15,603							
33	54	95 803	20 715,463	327 993,135	15,833	15,367							
34	55	95 472	19 707,802	307 277,673	15,592	15,126							
35	56	95 108	18 742,394	287 569,870	15,343	14,877							
36	57	94 715	17 818,532	268 827,476	15,087	14,621							
37	58	94 276	16 931,670	251 008,944	14,825	14,359							
38	59	93 788	16 080,367	234 077,274	14,557	14,091							
39	60	93 259	15 264,516	217 996,908	14,281	13,815							
40	61	92 674	14 480,881	202 732,392	14,000	13,534							
41	62	92 042	13 729,993	188 251,511	13,711	13,245							
42	63	91 346	13 008,250	174 521,518	13,416	12,950							
43	64	90 600	12 316,978	161 513,268	13,113	12,647							
44	65	89 785	11 652,724	149 196,290	12,804	12,338							
45	66	88 911	11 016,039	137 543,566	12,486	12,020							
46	67	87 967	10 404,812	126 527,527	12,160	11,694							
47	68	86 964	9 819,746	116 122,715	11,825	11,359							
48	69	85 876	9 257,168	106 302,969	11,483	11,017							
49	70	84 662	8 712,427	97 045,802	11,139	10,673							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	2 025 842,541	20,363	19,897	50	72	82 202	8 075,711	84 631,390	10,480	10,014
1	23	99 132	94 636,979	1 926 356,813	20,355	19,889	51	73	80 713	7 569,866	76 555,678	10,113	9,647
2	24	99 092	90 308,958	1 831 719,834	20,283	19,817	52	74	79 078	7 080,234	68 985,813	9,743	9,277
3	25	99 063	86 188,173	1 741 410,876	20,205	19,739	53	75	77 329	6 609,691	61 905,579	9,366	8,900
4	26	99 032	82 254,131	1 655 222,703	20,123	19,657	54	76	75 432	6 155,102	55 295,888	8,984	8,518
5	27	99 003	78 501,276	1 572 968,572	20,037	19,571	55	77	73 391	5 717,068	49 140,786	8,595	8,129
6	28	98 973	74 919,024	1 494 467,296	19,948	19,482	56	78	71 227	5 296,876	43 423,718	8,198	7,732
7	29	98 940	71 498,281	1 419 548,272	19,854	19,388	57	79	68 850	4 887,947	38 126,842	7,800	7,334
8	30	98 906	68 232,641	1 348 049,990	19,757	19,291	58	80	66 257	4 490,565	33 238,895	7,402	6,936
9	31	98 871	65 115,180	1 279 817,349	19,655	19,189	59	81	63 427	4 103,827	28 748,330	7,005	6,539
10	32	98 831	62 137,458	1 214 702,169	19,549	19,083	60	82	60 335	3 726,730	24 644,503	6,613	6,147
11	33	98 791	59 295,427	1 152 564,711	19,438	18,972	61	83	56 950	3 358,122	20 917,773	6,229	5,763
12	34	98 749	56 582,877	1 093 269,283	19,322	18,856	62	84	53 236	2 996,810	17 559,651	5,859	5,393
13	35	98 703	53 991,663	1 036 686,406	19,201	18,735	63	85	49 255	2 646,944	14 562,841	5,502	5,036
14	36	98 647	51 514,499	982 694,743	19,076	18,610	64	86	45 034	2 310,375	11 915,896	5,158	4,692
15	37	98 588	49 148,995	931 180,245	18,946	18,480	65	87	40 611	1 989,003	9 605,521	4,829	4,363
16	38	98 523	46 889,302	882 031,249	18,811	18,345	66	88	36 025	1 684,386	7 616,518	4,522	4,056
17	39	98 446	44 728,023	835 141,948	18,672	18,206	67	89	31 407	1 401,859	5 932,132	4,232	3,766
18	40	98 356	42 660,622	790 413,925	18,528	18,062	68	90	26 867	1 144,830	4 530,273	3,957	3,491
19	41	98 256	40 684,636	747 753,303	18,379	17,913	69	91	22 464	913,825	3 385,443	3,705	3,239
20	42	98 144	38 795,619	707 068,667	18,225	17,759	70	92	18 342	712,292	2 471,618	3,470	3,004
21	43	98 024	36 991,237	668 273,048	18,066	17,600	71	93	14 559	539,760	1 759,326	3,259	2,793
22	44	97 897	35 267,930	631 281,810	17,900	17,434	72	94	11 223	397,195	1 219,565	3,070	2,604
23	45	97 763	33 622,721	596 013,880	17,727	17,261	73	95	8 420	284,498	822,370	2,891	2,425
24	46	97 617	32 050,064	562 391,159	17,547	17,081	74	96	6 098	196,703	537,872	2,734	2,268
25	47	97 457	30 546,488	530 341,095	17,362	16,896	75	97	4 258	131,113	341,168	2,602	2,136
26	48	97 287	29 110,571	499 794,607	17,169	16,703	76	98	2 900	85,253	210,055	2,464	1,998
27	49	97 097	27 736,132	470 684,036	16,970	16,504	77	99	1 901	53,347	124,802	2,339	1,873
28	50	96 890	26 421,928	442 947,904	16,764	16,298	78	100	1 198	32,100	71,455	2,226	1,760
29	51	96 666	25 165,642	416 525,976	16,551	16,085							
30	52	96 418	23 962,765	391 360,334	16,332	15,866							
31	53	96 155	22 813,665	367 397,569	16,104	15,638							
32	54	95 861	21 712,711	344 583,904	15,870	15,404							
33	55	95 539	20 658,407	322 871,192	15,629	15,163							
34	56	95 175	19 646,464	302 212,785	15,383	14,917							
35	57	94 786	18 679,015	282 566,321	15,127	14,661							
36	58	94 359	17 751,601	263 887,306	14,866	14,400							
37	59	93 882	16 861,004	246 135,706	14,598	14,132							
38	60	93 354	16 005,843	229 274,702	14,324	13,858							
39	61	92 781	15 186,258	213 268,859	14,044	13,578							
40	62	92 156	14 399,988	198 082,601	13,756	13,290							
41	63	91 478	13 645,939	183 682,613	13,461	12,995							
42	64	90 728	12 920,312	170 036,674	13,160	12,694							
43	65	89 929	12 225,724	157 116,362	12,851	12,385							
44	66	89 066	11 559,342	144 890,638	12,535	12,068							
45	67	88 133	10 919,563	133 331,295	12,210	11,744							
46	68	87 144	10 307,445	122 411,733	11,876	11,410							
47	69	86 077	9 719,545	112 104,288	11,534	11,068							
48	70	84 884	9 150,282	102 384,743	11,189	10,723							
49	71	83 599	8 603,071	93 234,461	10,837	10,371							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	2 019 489,754	20,303	19,837	50	73	80 973	7 954,996	80 820,240	10,160	9,694
1	24	99 116	94 621,501	1 920 020,718	20,292	19,826	51	74	79 362	7 443,176	72 865,244	9,790	9,324
2	25	99 076	90 294,123	1 825 399,217	20,216	19,750	52	75	77 640	6 951,429	65 422,068	9,411	8,945
3	26	99 043	86 171,417	1 735 105,095	20,136	19,669	53	76	75 774	6 476,704	58 470,639	9,028	8,562
4	27	99 014	82 239,470	1 648 933,678	20,050	19,584	54	77	73 761	6 018,773	51 993,934	8,639	8,173
5	28	98 982	78 484,811	1 566 694,207	19,962	19,496	55	78	71 635	5 580,211	45 975,161	8,239	7,773
6	29	98 949	74 901,194	1 488 209,397	19,869	19,403	56	79	69 289	5 152,761	40 394,950	7,839	7,373
7	30	98 916	71 480,638	1 413 308,203	19,772	19,306	57	80	66 729	4 737,357	35 242,189	7,439	6,973
8	31	98 878	68 213,346	1 341 827,564	19,671	19,205	58	81	63 921	4 332,220	30 504,832	7,041	6,575
9	32	98 839	65 094,212	1 273 614,218	19,566	19,100	59	82	60 864	3 937,970	26 172,611	6,646	6,180
10	33	98 798	62 116,586	1 208 520,006	19,456	18,990	60	83	57 499	3 551,566	22 234,641	6,261	5,795
11	34	98 756	59 274,660	1 146 403,420	19,341	18,875	61	84	53 806	3 172,768	18 683,076	5,889	5,423
12	35	98 711	56 561,274	1 087 128,760	19,220	18,754	62	85	49 841	2 805,650	15 510,308	5,528	5,062
13	36	98 657	53 966,452	1 030 567,485	19,096	18,630	63	86	45 625	2 451,881	12 704,658	5,182	4,716
14	37	98 600	51 489,934	976 601,033	18,967	18,501	64	87	41 194	2 113,350	10 252,777	4,851	4,385
15	38	98 538	49 124,178	925 111,100	18,832	18,366	65	88	36 587	1 791,904	8 139,428	4,542	4,076
16	39	98 469	46 863,320	875 986,921	18,692	18,226	66	89	31 943	1 493,538	6 347,524	4,250	3,784
17	40	98 382	44 698,920	829 123,601	18,549	18,083	67	90	27 361	1 221,291	4 853,986	3,974	3,508
18	41	98 293	42 633,613	784 424,681	18,399	17,933	68	91	22 914	976,406	3 632,695	3,720	3,254
19	42	98 184	40 654,816	741 791,068	18,246	17,780	69	92	18 737	762,195	2 656,289	3,485	3,019
20	43	98 065	38 764,317	701 136,252	18,087	17,621	70	93	14 894	578,420	1 894,094	3,275	2,809
21	44	97 936	36 958,105	662 371,935	17,922	17,456	71	94	11 510	426,703	1 315,674	3,083	2,617
22	45	97 804	35 234,572	625 413,830	17,750	17,284	72	95	8 648	306,056	888,971	2,905	2,439
23	46	97 658	33 586,555	590 179,258	17,572	17,106	73	96	6 279	212,164	582,915	2,747	2,281
24	47	97 501	32 012,110	556 592,704	17,387	16,921	74	97	4 395	141,762	370,751	2,615	2,149
25	48	97 330	30 506,797	524 580,594	17,196	16,730	75	98	3 003	92,469	228,989	2,476	2,010
26	49	97 140	29 066,407	494 073,796	16,998	16,532	76	99	1 975	58,055	136,521	2,352	1,886
27	50	96 933	27 689,423	465 007,389	16,794	16,328	77	100	1 248	35,036	78,465	2,240	1,774
28	51	96 711	26 373,209	437 317,967	16,582	16,116							
29	52	96 466	25 113,386	410 944,758	16,364	15,898							
30	53	96 205	23 909,941	385 831,372	16,137	15,671							
31	54	95 916	22 757,120	361 921,431	15,904	15,438							
32	55	95 597	21 652,909	339 164,312	15,664	15,198							
33	56	95 241	20 594,110	317 511,403	15,418	14,952							
34	57	94 853	19 580,028	296 917,293	15,164	14,698							
35	58	94 430	18 608,851	277 337,265	14,904	14,438							
36	59	93 965	17 677,513	258 728,414	14,636	14,170							
37	60	93 447	16 782,862	241 050,901	14,363	13,897							
38	61	92 875	15 923,784	224 268,039	14,084	13,618							
39	62	92 262	15 101,424	208 344,255	13,796	13,330							
40	63	91 592	14 311,833	193 242,830	13,502	13,036							
41	64	90 860	13 553,690	178 930,998	13,202	12,736							
42	65	90 056	12 824,588	165 377,308	12,895	12,429							
43	66	89 208	12 127,751	152 552,720	12,579	12,113							
44	67	88 286	11 458,108	140 424,969	12,256	11,790							
45	68	87 308	10 817,378	128 966,860	11,922	11,456							
46	69	86 255	10 202,268	118 149,482	11,581	11,115							
47	70	85 083	9 607,320	107 947,214	11,236	10,770							
48	71	83 819	9 035,429	98 339,894	10,884	10,418							
49	72	82 444	8 484,224	89 304,464	10,526	10,060							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	2 012 799,360	20,239	19,773	50	74	79 618	7 821,861	76 904,323	9,832	9,366
1	25	99 100	94 605,957	1 913 346,593	20,224	19,758	51	75	77 918	7 307,769	69 082,462	9,453	8,987
2	26	99 057	90 276,568	1 818 740,636	20,146	19,680	52	76	76 078	6 811,567	61 774,693	9,069	8,603
3	27	99 026	86 156,058	1 728 464,068	20,062	19,596	53	77	74 095	6 333,253	54 963,126	8,678	8,212
4	28	98 993	82 222,221	1 642 308,010	19,974	19,508	54	78	71 995	5 874,693	48 629,873	8,278	7,812
5	29	98 958	78 466,132	1 560 085,789	19,882	19,416	55	79	69 686	5 428,387	42 755,180	7,876	7,410
6	30	98 925	74 882,711	1 481 619,657	19,786	19,320	56	80	67 155	4 994,013	37 326,793	7,474	7,008
7	31	98 888	71 460,425	1 406 736,946	19,686	19,220	57	81	64 376	4 570,311	32 332,780	7,075	6,609
8	32	98 847	68 191,381	1 335 276,521	19,581	19,115	58	82	61 338	4 157,133	27 762,469	6,678	6,212
9	33	98 806	65 072,347	1 267 085,140	19,472	19,006	59	83	58 003	3 752,876	23 605,336	6,290	5,824
10	34	98 763	62 094,831	1 202 012,793	19,358	18,892	60	84	54 325	3 355,534	19 852,460	5,916	5,450
11	35	98 718	59 252,030	1 139 917,963	19,238	18,772	61	85	50 374	2 970,383	16 496,926	5,554	5,088
12	36	98 665	56 534,864	1 080 665,933	19,115	18,649	62	86	46 168	2 598,891	13 526,543	5,205	4,739
13	37	98 610	53 940,718	1 024 131,069	18,986	18,520	63	87	41 734	2 242,788	10 927,652	4,872	4,406
14	38	98 551	51 463,935	970 190,351	18,852	18,386	64	88	37 111	1 903,928	8 684,864	4,562	4,096
15	39	98 484	49 096,958	918 726,416	18,712	18,246	65	89	32 442	1 588,874	6 780,936	4,268	3,802
16	40	98 404	46 832,828	869 629,458	18,569	18,103	66	90	27 829	1 301,161	5 192,063	3,990	3,524
17	41	98 320	44 670,620	822 796,630	18,419	17,953	67	91	23 336	1 041,618	3 890,902	3,735	3,269
18	42	98 221	42 602,365	778 126,009	18,265	17,799	68	92	19 112	814,393	2 849,283	3,499	3,033
19	43	98 104	40 622,014	735 523,645	18,107	17,641	69	93	15 215	618,944	2 034,890	3,288	2,822
20	44	97 977	38 729,596	694 901,631	17,942	17,476	70	94	11 775	457,265	1 415,946	3,097	2,631
21	45	97 844	36 923,148	656 172,035	17,771	17,305	71	95	8 869	328,793	958,682	2,916	2,450
22	46	97 699	35 196,671	619 248,887	17,594	17,128	72	96	6 449	228,240	629,888	2,760	2,294
23	47	97 542	33 546,782	584 052,216	17,410	16,944	73	97	4 525	152,904	401,648	2,627	2,161
24	48	97 375	31 970,515	550 505,434	17,219	16,753	74	98	3 100	99,979	248,745	2,488	2,022
25	49	97 182	30 460,515	518 534,919	17,023	16,557	75	99	2 045	62,969	148,766	2,363	1,897
26	50	96 976	29 017,457	488 074,404	16,820	16,354	76	100	1 297	38,128	85,797	2,250	1,784
27	51	96 755	27 638,366	459 056,947	16,609	16,143							
28	52	96 510	26 318,445	431 418,581	16,392	15,926							
29	53	96 253	25 058,025	405 100,136	16,166	15,700							
30	54	95 967	23 850,678	380 042,111	15,934	15,468							
31	55	95 652	22 694,440	356 191,433	15,695	15,229							
32	56	95 300	21 585,517	333 496,992	15,450	14,984							
33	57	94 919	20 524,469	311 911,476	15,197	14,731							
34	58	94 497	19 506,480	291 387,007	14,938	14,472							
35	59	94 036	18 531,186	271 880,527	14,672	14,206							
36	60	93 530	17 595,587	253 349,341	14,398	13,932							
37	61	92 968	16 696,820	235 753,754	14,120	13,654							
38	62	92 356	15 834,831	219 056,934	13,834	13,368							
39	63	91 698	15 008,975	203 222,103	13,540	13,074							
40	64	90 973	14 215,082	188 213,129	13,240	12,774							
41	65	90 187	13 453,273	173 998,047	12,934	12,468							
42	66	89 334	12 721,816	160 544,773	12,620	12,154							
43	67	88 427	12 021,539	147 822,958	12,297	11,831							
44	68	87 460	11 350,884	135 801,419	11,964	11,498							
45	69	86 417	10 706,998	124 450,534	11,623	11,157							
46	70	85 259	10 084,470	113 743,536	11,279	10,813							
47	71	84 015	9 486,732	103 659,067	10,927	10,461							
48	72	82 661	8 910,610	94 172,335	10,569	10,103							
49	73	81 212	8 357,403	85 261,726	10,202	9,736							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	2 005 756,330	20,171	19,705	50	75	78 170	7 679,565	72 893,397	9,492	9,026
1	26	99 080	94 587,565	1 906 319,900	20,154	19,688	51	76	76 351	7 160,737	65 213,832	9,107	8,641
2	27	99 039	90 260,477	1 811 732,336	20,072	19,606	52	77	74 393	6 660,698	58 053,096	8,716	8,250
3	28	99 005	86 137,987	1 721 471,858	19,985	19,519	53	78	72 322	6 181,645	51 392,397	8,314	7,848
4	29	98 970	82 202,653	1 635 333,871	19,894	19,428	54	79	70 036	5 714,858	45 210,752	7,911	7,445
5	30	98 934	78 446,769	1 553 131,219	19,799	19,333	55	80	67 539	5 261,147	39 495,895	7,507	7,041
6	31	98 897	74 861,535	1 474 684,449	19,699	19,233	56	81	64 787	4 817,916	34 234,747	7,106	6,640
7	32	98 856	71 437,414	1 399 822,914	19,595	19,129	57	82	61 774	4 385,601	29 416,831	6,708	6,242
8	33	98 813	68 168,475	1 328 385,500	19,487	19,021	58	83	58 455	3 961,738	25 031,230	6,318	5,852
9	34	98 771	65 049,557	1 260 217,025	19,373	18,907	59	84	54 802	3 545,733	21 069,493	5,942	5,476
10	35	98 726	62 071,123	1 195 167,468	19,255	18,789	60	85	50 860	3 141,491	17 523,760	5,578	5,112
11	36	98 672	59 224,363	1 133 096,345	19,132	18,666	61	86	46 662	2 751,485	14 382,269	5,227	4,761
12	37	98 618	56 507,905	1 073 871,982	19,004	18,538	62	87	42 231	2 377,261	11 630,784	4,893	4,427
13	38	98 560	53 913,482	1 017 364,077	18,870	18,404	63	88	37 599	2 020,540	9 253,523	4,580	4,114
14	39	98 496	51 435,418	963 450,596	18,731	18,265	64	89	32 907	1 688,205	7 232,983	4,284	3,818
15	40	98 420	49 065,014	912 015,177	18,588	18,122	65	90	28 263	1 384,217	5 544,778	4,006	3,540
16	41	98 342	46 803,177	862 950,164	18,438	17,972	66	91	23 735	1 109,738	4 160,561	3,749	3,283
17	42	98 248	44 637,879	816 146,987	18,284	17,818	67	92	19 464	868,784	3 050,823	3,512	3,046
18	43	98 142	42 567,991	771 509,107	18,124	17,658	68	93	15 520	661,331	2 182,039	3,299	2,833
19	44	98 016	40 585,629	728 941,116	17,961	17,495	69	94	12 028	489,301	1 520,708	3,108	2,642
20	45	97 884	38 692,963	688 355,487	17,790	17,324	70	95	9 073	352,342	1 031,407	2,927	2,461
21	46	97 739	36 883,431	649 662,524	17,614	17,148	71	96	6 614	245,196	679,064	2,769	2,303
22	47	97 583	35 154,992	612 779,093	17,431	16,965	72	97	4 648	164,490	433,868	2,638	2,172
23	48	97 416	33 503,192	577 624,101	17,241	16,775	73	98	3 192	107,837	269,378	2,498	2,032
24	49	97 227	31 922,012	544 120,909	17,045	16,579	74	99	2 111	68,083	161,542	2,373	1,907
25	50	97 019	30 409,218	512 198,897	16,844	16,378	75	100	1 343	41,355	93,458	2,260	1,794
26	51	96 797	28 963,952	481 789,679	16,634	16,168							
27	52	96 554	27 580,975	452 825,728	16,418	15,952							
28	53	96 297	26 260,428	425 244,753	16,193	15,727							
29	54	96 014	24 995,917	398 984,325	15,962	15,496							
30	55	95 703	23 784,987	373 988,408	15,724	15,258							
31	56	95 354	22 623,807	350 203,421	15,479	15,013							
32	57	94 977	21 512,523	327 579,614	15,227	14,761							
33	58	94 563	20 447,373	306 067,091	14,969	14,503							
34	59	94 102	19 425,068	285 619,718	14,704	14,238							
35	60	93 600	18 445,304	266 194,650	14,432	13,966							
36	61	93 050	17 505,378	247 749,346	14,153	13,687							
37	62	92 449	16 603,548	230 243,968	13,867	13,401							
38	63	91 791	15 737,891	213 640,420	13,575	13,109							
39	64	91 078	14 907,511	197 902,529	13,275	12,809							
40	65	90 299	14 109,766	182 995,017	12,969	12,503							
41	66	89 464	13 345,463	168 885,252	12,655	12,189							
42	67	88 552	12 610,401	155 539,789	12,334	11,868							
43	68	87 599	11 909,042	142 929,388	12,002	11,536							
44	69	86 567	11 235,060	131 020,346	11,662	11,196							
45	70	85 419	10 583,372	119 785,286	11,318	10,852							
46	71	84 189	9 957,892	109 201,914	10,966	10,500							
47	72	82 854	9 355,677	99 244,022	10,608	10,142							
48	73	81 425	8 777,415	89 888,345	10,241	9,775							
49	74	79 853	8 217,533	81 110,930	9,870	9,404							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	9 269,885	138 759,204	14,969	14,503
1	0	99 661	95 142,150	2 004 474,326	21,068	20,602	51	50	93 896	8 806,241	129 489,318	14,704	14,238
2	1	99 349	90 543,279	1 909 332,176	21,088	20,622	52	51	93 387	8 361,387	120 683,078	14,433	13,967
3	2	99 314	86 406,777	1 818 788,898	21,049	20,583	53	52	92 821	7 933,825	112 321,691	14,157	13,691
4	3	99 289	82 467,954	1 732 382,120	21,007	20,541	54	53	92 198	7 523,248	104 387,866	13,875	13,409
5	4	99 268	78 711,526	1 649 914,167	20,962	20,496	55	54	91 509	7 128,415	96 864,618	13,589	13,123
6	5	99 250	75 128,523	1 571 202,641	20,914	20,448	56	55	90 738	6 747,834	89 736,203	13,299	12,833
7	6	99 234	71 710,409	1 496 074,118	20,863	20,397	57	56	89 883	6 381,122	82 988,369	13,005	12,539
8	7	99 217	68 446,974	1 424 363,709	20,810	20,344	58	57	88 946	6 028,243	76 607,247	12,708	12,242
9	8	99 205	65 335,084	1 355 916,735	20,753	20,287	59	58	87 927	5 688,986	70 579,004	12,406	11,940
10	9	99 190	62 362,894	1 290 581,651	20,695	20,229	60	59	86 799	5 361,349	64 890,019	12,103	11,637
11	10	99 177	59 527,385	1 228 218,756	20,633	20,167	61	60	85 572	5 045,839	59 528,669	11,798	11,332
12	11	99 165	56 820,966	1 168 691,371	20,568	20,102	62	61	84 231	4 741,569	54 482,831	11,490	11,024
13	12	99 148	54 235,386	1 111 870,405	20,501	20,035	63	62	82 776	4 448,366	49 741,262	11,182	10,716
14	13	99 133	51 767,941	1 057 635,019	20,430	19,964	64	63	81 204	4 165,976	45 292,895	10,872	10,406
15	14	99 113	49 410,458	1 005 867,078	20,357	19,891	65	64	79 515	3 894,351	41 126,919	10,561	10,095
16	15	99 088	47 158,206	956 456,619	20,282	19,816	66	65	77 714	3 633,561	37 232,569	10,247	9,781
17	16	99 054	45 004,262	909 298,413	20,205	19,739	67	66	75 796	3 383,188	33 599,008	9,931	9,465
18	17	99 015	42 946,549	864 294,151	20,125	19,659	68	67	73 774	3 143,605	30 215,820	9,612	9,146
19	18	98 964	40 977,953	821 347,602	20,044	19,578	69	68	71 648	2 914,587	27 072,215	9,289	8,823
20	19	98 908	39 097,631	780 369,649	19,960	19,494	70	69	69 422	2 695,967	24 157,628	8,961	8,495
21	20	98 851	37 303,173	741 272,018	19,872	19,406	71	70	67 076	2 486,731	21 461,661	8,630	8,164
22	21	98 795	35 591,391	703 968,845	19,779	19,313	72	71	64 582	2 285,712	18 974,930	8,302	7,836
23	22	98 737	33 957,451	668 377,453	19,683	19,217	73	72	62 016	2 095,360	16 689,218	7,965	7,499
24	23	98 678	32 398,556	634 420,003	19,582	19,116	74	73	59 328	1 913,634	14 593,859	7,626	7,160
25	24	98 617	30 910,185	602 021,447	19,476	19,010	75	74	56 516	1 740,270	12 680,225	7,286	6,820
26	25	98 557	29 490,651	571 111,263	19,366	18,900	76	75	53 588	1 575,284	10 939,955	6,945	6,479
27	26	98 495	28 135,489	541 620,612	19,250	18,784	77	76	50 543	1 418,411	9 364,672	6,602	6,136
28	27	98 433	26 842,790	513 485,123	19,129	18,663	78	77	47 434	1 270,789	7 946,260	6,253	5,787
29	28	98 367	25 608,350	486 642,333	19,003	18,537	79	78	44 228	1 131,169	6 675,471	5,901	5,435
30	29	98 295	24 429,236	461 033,983	18,872	18,406	80	79	40 896	998,523	5 544,303	5,553	5,086
31	30	98 219	23 303,399	436 604,746	18,736	18,270	81	80	37 425	872,337	4 545,780	5,211	4,745
32	31	98 135	22 227,632	413 301,347	18,594	18,128	82	81	33 859	753,442	3 673,443	4,876	4,410
33	32	98 043	21 199,905	391 073,715	18,447	17,981	83	82	30 236	642,305	2 920,002	4,546	4,080
34	33	97 941	20 217,590	369 873,810	18,295	17,829	84	83	26 539	538,195	2 277,696	4,232	3,766
35	34	97 838	19 280,483	349 656,220	18,135	17,669	85	84	22 828	441,946	1 739,501	3,936	3,470
36	35	97 727	18 385,271	330 375,736	17,970	17,504	86	85	19 194	354,739	1 297,555	3,658	3,192
37	36	97 595	17 527,883	311 990,465	17,800	17,334	87	86	15 740	277,725	942,816	3,395	2,929
38	37	97 451	16 708,399	294 462,582	17,624	17,158	88	87	12 540	211,228	665,091	3,149	2,683
39	38	97 303	15 926,486	277 754,183	17,440	16,974	89	88	9 640	155,011	453,863	2,928	2,462
40	39	97 137	15 178,313	261 827,697	17,250	16,784	90	89	7 136	109,540	298,853	2,728	2,262
41	40	96 954	14 462,687	246 649,384	17,054	16,588	91	90	5 077	74,396	189,313	2,545	2,079
42	41	96 752	13 778,102	232 186,697	16,852	16,386	92	91	3 461	48,418	114,917	2,373	1,907
43	42	96 544	13 125,086	218 408,595	16,641	16,175	93	92	2 240	29,919	66,500	2,223	1,757
44	43	96 312	12 499,840	205 283,509	16,423	15,957	94	93	1 374	17,513	36,580	2,089	1,623
45	44	96 059	11 901,662	192 783,669	16,198	15,732	95	94	793	9,650	19,068	1,976	1,510
46	45	95 788	11 329,889	180 882,007	15,965	15,499	96	95	433	5,033	9,418	1,871	1,405
47	46	95 488	10 782,202	169 552,119	15,725	15,259	97	96	221	2,456	4,385	1,785	1,319
48	47	95 152	10 257,111	158 769,917	15,479	15,013	98	97	106	1,127	1,929	1,711	1,245
49	48	94 779	9 753,603	148 512,807	15,226	14,760	99	98	49	0,492	0,801	1,630	1,164
							100	99	21	0,198	0,310	1,564	1,098

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	9 283,970	139 775,615	15,056	14,590
1							51	49	94 054	8 821,096	130 491,645	14,793	14,327
2	0	99 637	90 805,878	1 910 940,165	21,044	20,578	52	50	93 560	8 376,833	121 670,549	14,525	14,059
3	1	99 336	86 425,999	1 820 134,287	21,060	20,594	53	51	93 014	7 950,334	113 293,716	14,250	13,784
4	2	99 302	82 478,792	1 733 708,288	21,020	20,554	54	52	92 402	7 539,869	105 343,382	13,972	13,506
5	3	99 278	78 719,374	1 651 229,496	20,976	20,510	55	53	91 737	7 146,127	97 803,514	13,686	13,220
6	4	99 259	75 135,439	1 572 510,122	20,929	20,463	56	54	90 989	6 766,470	90 657,386	13,398	12,932
7	5	99 241	71 715,282	1 497 374,683	20,879	20,413	57	55	90 163	6 401,045	83 890,916	13,106	12,640
8	6	99 224	68 451,972	1 425 659,401	20,827	20,361	58	56	89 247	6 048,697	77 489,871	12,811	12,345
9	7	99 210	65 338,196	1 357 207,429	20,772	20,306	59	57	88 259	5 710,436	71 441,174	12,511	12,045
10	8	99 197	62 367,389	1 291 869,233	20,714	20,248	60	58	87 163	5 383,819	65 730,738	12,209	11,743
11	9	99 182	59 530,549	1 229 501,844	20,653	20,187	61	59	85 970	5 069,332	60 346,919	11,904	11,438
12	10	99 170	56 824,125	1 169 971,294	20,589	20,123	62	60	84 665	4 766,003	55 277,587	11,598	11,132
13	11	99 156	54 239,557	1 113 147,169	20,523	20,057	63	61	83 241	4 473,355	50 511,583	11,292	10,826
14	12	99 139	51 771,213	1 058 907,612	20,454	19,988	64	62	81 704	4 191,637	46 038,228	10,983	10,517
15	13	99 121	49 414,364	1 007 136,399	20,381	19,915	65	63	80 056	3 920,856	41 846,592	10,673	10,207
16	14	99 097	47 162,557	957 722,035	20,307	19,841	66	64	78 294	3 660,682	37 925,735	10,360	9,894
17	15	99 066	45 009,473	910 559,478	20,230	19,764	67	65	76 408	3 410,519	34 265,053	10,047	9,581
18	16	99 028	42 952,040	865 550,005	20,152	19,686	68	66	74 426	3 171,379	30 854,534	9,729	9,263
19	17	98 977	40 983,266	822 597,965	20,072	19,606	69	67	72 325	2 942,119	27 683,155	9,409	8,943
20	18	98 924	39 103,978	781 614,698	19,988	19,522	70	68	70 138	2 723,760	24 741,036	9,083	8,617
21	19	98 867	37 309,306	742 510,720	19,901	19,435	71	69	67 859	2 515,779	22 017,276	8,752	8,286
22	20	98 811	35 597,218	705 201,414	19,811	19,345	72	70	65 403	2 314,766	19 501,497	8,425	7,959
23	21	98 753	33 963,218	669 604,196	19,716	19,250	73	71	62 885	2 124,711	17 186,731	8,089	7,623
24	22	98 695	32 403,992	635 640,979	19,616	19,150	74	72	60 228	1 942,673	15 062,020	7,753	7,287
25	23	98 633	30 915,241	603 236,987	19,513	19,047	75	73	57 478	1 769,890	13 119,346	7,413	6,947
26	24	98 574	29 495,496	572 321,746	19,404	18,938	76	74	54 581	1 604,472	11 349,456	7,074	6,608
27	25	98 514	28 140,960	542 826,249	19,290	18,824	77	75	51 581	1 447,535	9 744,984	6,732	6,266
28	26	98 451	26 847,575	514 685,290	19,171	18,705	78	76	48 508	1 299,573	8 297,448	6,385	5,919
29	27	98 387	25 613,723	487 837,714	19,046	18,580	79	77	45 313	1 158,911	6 997,875	6,038	5,572
30	28	98 318	24 435,052	462 223,992	18,916	18,450	80	78	42 040	1 026,450	5 838,964	5,689	5,222
31	29	98 243	23 309,151	437 788,940	18,782	18,316	81	79	38 615	900,066	4 812,514	5,347	4,881
32	30	98 162	22 233,920	414 479,789	18,642	18,176	82	80	35 097	780,980	3 912,448	5,010	4,544
33	31	98 075	21 206,734	392 245,869	18,496	18,030	83	81	31 510	669,358	3 131,467	4,678	4,212
34	32	97 974	20 224,384	371 039,135	18,346	17,880	84	82	27 848	564,739	2 462,110	4,360	3,894
35	33	97 873	19 287,238	350 814,752	18,189	17,723	85	83	24 161	467,765	1 897,371	4,056	3,590
36	34	97 764	18 392,293	331 527,513	18,025	17,559	86	84	20 501	378,909	1 429,606	3,773	3,307
37	35	97 641	17 536,071	313 135,221	17,857	17,391	87	85	16 993	299,819	1 050,697	3,504	3,038
38	36	97 498	16 716,370	295 599,149	17,683	17,217	88	86	13 709	230,920	750,877	3,252	2,786
39	37	97 352	15 934,532	278 882,779	17,502	17,036	89	87	10 700	172,061	519,957	3,022	2,556
40	38	97 191	15 186,728	262 948,247	17,314	16,848	90	88	8 047	123,537	347,896	2,816	2,350
41	39	97 017	14 472,103	247 761,519	17,120	16,654	91	89	5 827	85,395	224,359	2,627	2,161
42	40	96 813	13 786,831	233 289,415	16,921	16,455	92	90	4 058	56,769	138,964	2,448	1,982
43	41	96 615	13 134,713	219 502,585	16,712	16,246	93	91	2 686	35,871	82,194	2,291	1,825
44	42	96 390	12 509,934	206 367,872	16,496	16,030	94	92	1 691	21,566	46,323	2,148	1,682
45	43	96 145	11 912,332	193 857,938	16,274	15,808	95	93	1 003	12,206	24,757	2,028	1,562
46	44	95 879	11 340,615	181 945,607	16,044	15,578	96	94	562	6,532	12,551	1,921	1,455
47	45	95 590	10 793,812	170 604,992	15,806	15,340	97	95	297	3,294	6,019	1,827	1,361
48	46	95 265	10 269,271	159 811,180	15,562	15,096	98	96	148	1,564	2,725	1,742	1,276
49	47	94 902	9 766,293	149 541,908	15,312	14,846	99	97	69	0,697	1,161	1,665	1,199
							100	98	30	0,291	0,464	1,595	1,129

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	9 296,049	140 710,854	15,137	14,671
1							51	48	94 197	8 834,499	131 414,805	14,875	14,409
2							52	49	93 718	8 390,964	122 580,306	14,609	14,143
3	0	99 624	86 676,657	1 821 621,875	21,016	20,550	53	50	93 186	7 965,021	114 189,342	14,336	13,870
4	1	99 324	82 497,140	1 734 945,218	21,030	20,564	54	51	92 594	7 555,558	106 224,321	14,059	13,593
5	2	99 291	78 729,719	1 652 448,078	20,989	20,523	55	52	91 939	7 161,915	98 668,763	13,777	13,311
6	3	99 269	75 142,931	1 573 718,358	20,943	20,477	56	53	91 215	6 783,283	91 506,848	13,490	13,024
7	4	99 250	71 721,884	1 498 575,428	20,894	20,428	57	54	90 412	6 418,724	84 723,565	13,199	12,733
8	5	99 231	68 456,623	1 426 853,544	20,843	20,377	58	55	89 526	6 067,582	78 304,841	12,905	12,439
9	6	99 217	65 342,968	1 358 396,921	20,789	20,323	59	56	88 558	5 729,812	72 237,259	12,607	12,141
10	7	99 202	62 370,360	1 293 053,953	20,732	20,266	60	57	87 492	5 404,118	66 507,448	12,307	11,841
11	8	99 189	59 534,840	1 230 683,593	20,672	20,206	61	58	86 330	5 090,578	61 103,329	12,003	11,537
12	9	99 175	56 827,146	1 171 148,754	20,609	20,143	62	59	85 059	4 788,194	56 012,751	11,698	11,232
13	10	99 161	54 242,573	1 114 321,608	20,543	20,077	63	60	83 670	4 496,408	51 224,557	11,392	10,926
14	11	99 147	51 775,195	1 060 079,035	20,475	20,009	64	61	82 163	4 215,183	46 728,149	11,086	10,620
15	12	99 127	49 417,487	1 008 303,840	20,404	19,938	65	62	80 549	3 945,007	42 512,966	10,776	10,310
16	13	99 105	47 166,285	958 886,353	20,330	19,864	66	63	78 827	3 685,597	38 567,959	10,465	9,998
17	14	99 075	45 013,625	911 720,068	20,254	19,788	67	64	76 979	3 435,976	34 882,361	10,152	9,686
18	15	99 039	42 957,013	866 706,443	20,176	19,710	68	65	75 027	3 196,999	31 446,386	9,836	9,370
19	16	98 989	40 988,506	823 749,429	20,097	19,631	69	66	72 964	2 968,113	28 249,387	9,518	9,052
20	17	98 937	39 109,049	782 760,923	20,015	19,549	70	67	70 800	2 749,490	25 281,274	9,195	8,729
21	18	98 883	37 315,363	743 651,874	19,929	19,463	71	68	68 559	2 541,714	22 531,784	8,865	8,399
22	19	98 827	35 603,070	706 336,511	19,839	19,373	72	69	66 167	2 341,805	19 990,070	8,536	8,070
23	20	98 769	33 968,778	670 733,441	19,746	19,280	73	70	63 684	2 151,719	17 648,265	8,202	7,736
24	21	98 712	32 409,495	636 764,664	19,647	19,181	74	71	61 072	1 969,886	15 496,545	7,867	7,401
25	22	98 650	30 920,429	604 355,169	19,545	19,079	75	72	58 350	1 796,748	13 526,659	7,528	7,062
26	23	98 590	29 500,321	573 434,740	19,438	18,972	76	73	55 510	1 631,782	11 729,911	7,188	6,722
27	24	98 530	28 145,583	543 934,419	19,326	18,860	77	74	52 537	1 474,357	10 098,129	6,849	6,383
28	25	98 470	26 852,796	515 788,835	19,208	18,742	78	75	49 504	1 326,258	8 623,772	6,502	6,036
29	26	98 405	25 618,289	488 936,040	19,085	18,619	79	76	46 339	1 185,161	7 297,514	6,157	5,691
30	27	98 339	24 440,178	463 317,751	18,957	18,491	80	77	43 071	1 051,624	6 112,353	5,812	5,346
31	28	98 266	23 314,699	438 877,573	18,824	18,358	81	78	39 695	925,240	5 060,729	5,470	5,004
32	29	98 187	22 239,408	415 562,873	18,686	18,220	82	79	36 213	805,806	4 135,490	5,132	4,666
33	30	98 102	21 212,732	393 323,465	18,542	18,076	83	80	32 661	693,823	3 329,684	4,799	4,333
34	31	98 006	20 230,898	372 110,733	18,393	17,927	84	81	29 020	588,524	2 635,861	4,479	4,013
35	32	97 905	19 293,719	351 879,835	18,238	17,772	85	82	25 353	490,835	2 047,337	4,171	3,705
36	33	97 799	18 398,737	332 586,116	18,077	17,611	86	83	21 699	401,045	1 556,502	3,881	3,415
37	34	97 678	17 542,769	314 187,379	17,910	17,444	87	84	18 150	320,247	1 155,456	3,608	3,142
38	35	97 543	16 724,180	296 644,610	17,737	17,271	88	85	14 800	249,292	835,209	3,350	2,884
39	36	97 399	15 942,134	279 920,430	17,559	17,093	89	86	11 698	188,102	585,917	3,115	2,649
40	37	97 240	15 194,400	263 978,296	17,373	16,907	90	87	8 933	137,125	397,815	2,901	2,435
41	38	97 071	14 480,127	248 783,896	17,181	16,715	91	88	6 572	96,307	260,690	2,707	2,241
42	39	96 876	13 795,807	234 303,769	16,984	16,518	92	89	4 658	65,163	164,382	2,523	2,057
43	40	96 676	13 143,034	220 507,962	16,778	16,312	93	90	3 149	42,059	99,220	2,359	1,893
44	41	96 461	12 519,109	207 364,928	16,564	16,098	94	91	2 028	25,856	57,161	2,211	1,745
45	42	96 223	11 921,951	194 845,819	16,343	15,877	95	92	1 235	15,031	31,305	2,083	1,617
46	43	95 965	11 350,782	182 923,868	16,116	15,650	96	93	711	8,263	16,273	1,969	1,503
47	44	95 681	10 804,031	171 573,086	15,880	15,414	97	94	385	4,274	8,011	1,874	1,408
48	45	95 368	10 280,330	160 769,055	15,639	15,173	98	95	198	2,097	3,736	1,781	1,315
49	46	95 015	9 777,872	150 488,726	15,391	14,925	99	96	96	0,968	1,639	1,694	1,228
							100	97	43	0,412	0,671	1,628	1,162

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	9 307,070	141 570,269	15,211	14,745
1							51	47	94 320	8 845,993	132 263,199	14,952	14,486
2							52	48	93 860	8 403,713	123 417,206	14,686	14,220
3							53	49	93 343	7 978,457	115 013,493	14,416	13,949
4	0	99 612	82 736,403	1 736 320,622	20,986	20,520	54	50	92 765	7 569,515	107 035,035	14,140	13,674
5	1	99 313	78 747,234	1 653 584,219	20,999	20,533	55	51	92 131	7 176,818	99 465,520	13,859	13,393
6	2	99 282	75 152,806	1 574 836,985	20,955	20,489	56	52	91 416	6 798,269	92 288,702	13,575	13,109
7	3	99 260	71 729,035	1 499 684,179	20,908	20,442	57	53	90 637	6 434,672	85 490,433	13,286	12,820
8	4	99 240	68 462,925	1 427 955,143	20,857	20,391	58	54	89 773	6 084,340	79 055,760	12,993	12,527
9	5	99 224	65 347,407	1 359 492,218	20,804	20,338	59	55	88 835	5 747,701	72 971,420	12,696	12,230
10	6	99 209	62 374,914	1 294 144,811	20,748	20,282	60	56	87 789	5 422,455	67 223,720	12,397	11,931
11	7	99 194	59 537,676	1 231 769,897	20,689	20,223	61	57	86 656	5 109,772	61 801,265	12,095	11,629
12	8	99 183	56 831,241	1 172 232,221	20,627	20,161	62	58	85 416	4 808,262	56 691,493	11,790	11,324
13	9	99 167	54 245,456	1 115 400,980	20,562	20,096	63	59	84 060	4 517,343	51 883,231	11,485	11,019
14	10	99 152	51 778,073	1 061 155,524	20,494	20,028	64	60	82 586	4 236,905	47 365,888	11,179	10,713
15	11	99 134	49 421,288	1 009 377,450	20,424	19,958	65	61	81 001	3 967,169	43 128,983	10,871	10,405
16	12	99 111	47 169,266	959 956,163	20,351	19,885	66	62	79 312	3 708,299	39 161,814	10,561	10,095
17	13	99 082	45 017,183	912 786,897	20,276	19,810	67	63	77 503	3 459,362	35 453,515	10,249	9,783
18	14	99 048	42 960,977	867 769,713	20,199	19,733	68	64	75 587	3 220,862	31 994,153	9,933	9,467
19	15	99 001	40 993,252	824 808,737	20,121	19,655	69	65	73 553	2 992,090	28 773,292	9,616	9,150
20	16	98 949	39 114,049	783 815,484	20,039	19,573	70	66	71 426	2 773,782	25 781,201	9,295	8,829
21	17	98 896	37 320,201	744 701,435	19,954	19,488	71	67	69 206	2 565,724	23 007,419	8,967	8,501
22	18	98 843	35 608,850	707 381,234	19,865	19,399	72	68	66 849	2 365,947	20 441,695	8,640	8,174
23	19	98 786	33 974,362	671 772,384	19,773	19,307	73	69	64 428	2 176,854	18 075,748	8,304	7,838
24	20	98 728	32 414,801	637 798,022	19,676	19,210	74	70	61 848	1 994,926	15 898,894	7,970	7,504
25	21	98 667	30 925,680	605 383,221	19,575	19,109	75	71	59 167	1 821,917	13 903,968	7,632	7,165
26	22	98 606	29 505,271	574 457,541	19,470	19,004	76	72	56 352	1 656,544	12 082,051	7,294	6,828
27	23	98 546	28 150,187	544 952,269	19,359	18,893	77	73	53 431	1 499,452	10 425,507	6,953	6,487
28	24	98 486	26 857,208	516 802,082	19,243	18,777	78	74	50 422	1 350,832	8 926,055	6,608	6,142
29	25	98 424	25 623,270	489 944,874	19,121	18,655	79	75	47 290	1 209,496	7 575,223	6,263	5,797
30	26	98 356	24 444,535	464 321,604	18,995	18,529	80	76	44 046	1 075,444	6 365,727	5,919	5,453
31	27	98 287	23 319,591	439 877,069	18,863	18,397	81	77	40 668	947,932	5 290,283	5,581	5,115
32	28	98 210	22 244,702	416 557,478	18,726	18,260	82	78	37 226	828,343	4 342,351	5,242	4,776
33	29	98 127	21 217,968	394 312,776	18,584	18,118	83	79	33 700	715,878	3 514,009	4,909	4,443
34	30	98 034	20 236,621	373 094,808	18,437	17,971	84	80	30 081	610,035	2 798,131	4,587	4,121
35	31	97 937	19 299,934	352 858,187	18,283	17,817	85	81	26 421	511,508	2 188,096	4,278	3,812
36	32	97 832	18 404,919	333 558,253	18,123	17,657	86	82	22 769	420,825	1 676,588	3,984	3,518
37	33	97 712	17 548,915	315 153,334	17,959	17,493	87	83	19 211	338,956	1 255,763	3,705	3,239
38	34	97 581	16 730,567	297 604,419	17,788	17,322	88	84	15 808	266,277	916,806	3,443	2,977
39	35	97 444	15 949,582	280 873,852	17,610	17,144	89	85	12 628	203,067	650,529	3,204	2,738
40	36	97 286	15 201,649	264 924,270	17,427	16,961	90	86	9 765	149,909	447,462	2,985	2,519
41	37	97 120	14 487,442	249 722,621	17,237	16,771	91	87	7 295	106,901	297,553	2,783	2,317
42	38	96 930	13 803,456	235 235,179	17,042	16,576	92	88	5 253	73,489	190,652	2,594	2,128
43	39	96 739	13 151,591	221 431,724	16,837	16,371	93	89	3 615	48,277	117,163	2,427	1,961
44	40	96 522	12 527,041	208 280,133	16,626	16,160	94	90	2 378	30,316	68,886	2,272	1,806
45	41	96 294	11 930,695	195 753,092	16,408	15,942	95	91	1 481	18,022	38,570	2,140	1,674
46	42	96 042	11 359,948	183 822,397	16,182	15,716	96	92	876	10,175	20,548	2,019	1,553
47	43	95 767	10 813,717	172 462,449	15,948	15,482	97	93	487	5,407	10,373	1,918	1,452
48	44	95 458	10 290,062	161 648,732	15,709	15,243	98	94	257	2,722	4,966	1,824	1,358
49	45	95 117	9 788,401	151 358,670	15,463	14,997	99	95	128	1,297	2,244	1,730	1,264
							100	96	59	0,572	0,947	1,655	1,189

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	9 317,092	142 359,082	15,279	14,813
1							51	46	94 431	8 856,481	133 041,989	15,022	14,556
2							52	47	93 982	8 414,647	124 185,509	14,758	14,292
3							53	48	93 485	7 990,580	115 770,862	14,488	14,022
4							54	49	92 922	7 582,284	107 780,282	14,215	13,749
5	0	99 601	78 975,621	1 654 855,332	20,954	20,488	55	50	92 301	7 190,076	100 197,998	13,936	13,470
6	1	99 304	75 169,525	1 575 879,711	20,964	20,498	56	51	91 607	6 812,416	93 007,922	13,653	13,187
7	2	99 273	71 738,462	1 500 710,186	20,919	20,453	57	52	90 837	6 448,888	86 195,506	13,366	12,900
8	3	99 250	68 469,751	1 428 971,724	20,870	20,404	58	53	89 996	6 099,458	79 746,618	13,074	12,608
9	4	99 233	65 353,423	1 360 501,973	20,818	20,352	59	54	89 080	5 763,575	73 647,160	12,778	12,312
10	5	99 216	62 379,152	1 295 148,549	20,763	20,297	60	55	88 063	5 439,384	67 883,585	12,480	12,014
11	6	99 201	59 542,023	1 232 769,397	20,704	20,238	61	56	86 950	5 127,110	62 444,201	12,179	11,713
12	7	99 187	56 833,948	1 173 227,374	20,643	20,177	62	57	85 738	4 826,391	57 317,091	11,876	11,410
13	8	99 174	54 249,365	1 116 393,425	20,579	20,113	63	58	84 412	4 536,276	52 490,700	11,571	11,105
14	9	99 157	51 780,826	1 062 144,060	20,512	20,046	64	59	82 971	4 256,632	47 954,424	11,266	10,800
15	10	99 140	49 424,035	1 010 363,234	20,443	19,977	65	60	81 419	3 987,612	43 697,792	10,958	10,492
16	11	99 119	47 172,894	960 939,199	20,371	19,905	66	61	79 758	3 729,131	39 710,179	10,649	10,183
17	12	99 089	45 020,029	913 766,305	20,297	19,831	67	62	77 980	3 480,670	35 981,049	10,337	9,871
18	13	99 056	42 964,372	868 746,276	20,220	19,754	68	63	76 101	3 242,783	32 500,379	10,022	9,556
19	14	99 010	40 997,034	825 781,904	20,142	19,676	69	64	74 102	3 014,424	29 257,595	9,706	9,240
20	15	98 961	39 118,578	784 784,870	20,062	19,596	70	65	72 003	2 796,190	26 243,172	9,385	8,919
21	16	98 909	37 324,973	745 666,292	19,978	19,512	71	66	69 818	2 588,393	23 446,982	9,059	8,593
22	17	98 856	35 613,467	708 341,319	19,890	19,424	72	67	67 481	2 388,297	20 858,589	8,734	8,268
23	18	98 802	33 979,878	672 727,851	19,798	19,332	73	68	65 092	2 199,295	18 470,292	8,398	7,932
24	19	98 744	32 420,130	638 747,974	19,702	19,236	74	69	62 570	2 018,229	16 270,997	8,062	7,596
25	20	98 683	30 930,743	606 327,844	19,603	19,137	75	70	59 919	1 845,076	14 252,768	7,725	7,259
26	21	98 623	29 510,282	575 397,101	19,498	19,032	76	71	57 141	1 679,749	12 407,692	7,387	6,921
27	22	98 563	28 154,911	545 886,819	19,389	18,923	77	72	54 242	1 522,206	10 727,943	7,048	6,582
28	23	98 502	26 861,601	517 731,908	19,274	18,808	78	73	51 280	1 373,825	9 205,737	6,701	6,235
29	24	98 440	25 627,480	490 870,307	19,154	18,688	79	74	48 167	1 231,907	7 831,913	6,358	5,892
30	25	98 376	24 449,288	465 242,826	19,029	18,563	80	75	44 951	1 097,526	6 600,006	6,014	5,548
31	26	98 304	23 323,748	440 793,538	18,899	18,433	81	76	41 589	969,403	5 502,480	5,676	5,210
32	27	98 231	22 249,369	417 469,790	18,763	18,297	82	77	38 138	848,658	4 533,077	5,341	4,875
33	28	98 150	21 223,019	395 220,422	18,622	18,156	83	78	34 642	735,900	3 684,418	5,007	4,541
34	29	98 058	20 241,616	373 997,403	18,477	18,011	84	79	31 037	629,427	2 948,518	4,684	4,218
35	30	97 965	19 305,393	353 755,787	18,324	17,858	85	80	27 386	530,204	2 319,092	4,374	3,908
36	31	97 863	18 410,847	334 450,394	18,166	17,700	86	81	23 728	438,549	1 788,888	4,079	3,613
37	32	97 745	17 554,812	316 039,546	18,003	17,537	87	82	20 158	355,674	1 350,339	3,797	3,331
38	33	97 615	16 736,429	298 484,734	17,834	17,368	88	83	16 732	281,833	994,665	3,529	3,063
39	34	97 482	15 955,674	281 748,306	17,658	17,192	89	84	13 489	216,903	712,832	3,286	2,820
40	35	97 332	15 208,750	265 792,632	17,476	17,010	90	85	10 542	161,836	495,929	3,064	2,598
41	36	97 166	14 494,354	250 583,882	17,288	16,822	91	86	7 975	116,867	334,094	2,859	2,393
42	37	96 979	13 810,429	236 089,528	17,095	16,629	92	87	5 831	81,573	217,227	2,663	2,197
43	38	96 793	13 158,882	222 279,099	16,892	16,426	93	88	4 077	54,446	135,654	2,492	2,026
44	39	96 585	12 535,197	209 120,216	16,683	16,217	94	89	2 729	34,799	81,208	2,334	1,868
45	40	96 355	11 938,254	196 585,020	16,467	16,001	95	90	1 736	21,130	46,410	2,196	1,730
46	41	96 113	11 368,280	184 646,766	16,242	15,776	96	91	1 050	12,199	25,279	2,072	1,606
47	42	95 844	10 822,449	173 278,486	16,011	15,545	97	92	600	6,658	13,080	1,964	1,498
48	43	95 543	10 299,287	162 456,037	15,774	15,308	98	93	325	3,443	6,422	1,865	1,399
49	44	95 207	9 797,668	152 156,750	15,530	15,064	99	94	167	1,684	2,978	1,769	1,303
							100	95	79	0,767	1,295	1,688	1,222

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	9 325,913	143 082,079	15,342	14,876
1							51	45	94 533	8 866,018	133 756,166	15,086	14,620
2							52	46	94 094	8 424,623	124 890,148	14,824	14,358
3							53	47	93 607	8 000,976	116 465,525	14,556	14,090
4							54	48	93 063	7 593,805	108 464,549	14,283	13,817
5							55	49	92 456	7 202,205	100 870,745	14,006	13,540
6	0	99 592	75 387,536	1 577 054,077	20,919	20,453	56	50	91 776	6 825,000	93 668,540	13,724	13,258
7	1	99 295	71 754,421	1 501 666,541	20,928	20,462	57	51	91 026	6 462,308	86 843,540	13,438	12,972
8	2	99 263	68 478,750	1 429 912,120	20,881	20,415	58	52	90 195	6 112,933	80 381,232	13,149	12,683
9	3	99 243	65 359,940	1 361 433,370	20,830	20,364	59	53	89 301	5 777,896	74 268,299	12,854	12,388
10	4	99 225	62 384,895	1 296 073,430	20,775	20,309	60	54	88 306	5 454,407	68 490,403	12,557	12,091
11	5	99 208	59 546,069	1 233 688,535	20,718	20,252	61	55	87 221	5 143,117	63 035,995	12,256	11,790
12	6	99 195	56 838,098	1 174 142,466	20,658	20,192	62	56	86 029	4 842,767	57 892,878	11,955	11,488
13	7	99 179	54 251,949	1 117 304,368	20,595	20,129	63	57	84 730	4 553,379	53 050,111	11,651	11,185
14	8	99 165	51 784,558	1 063 052,419	20,528	20,062	64	58	83 318	4 274,472	48 496,732	11,346	10,880
15	9	99 145	49 426,662	1 011 267,861	20,460	19,994	65	59	81 798	4 006,179	44 222,259	11,039	10,573
16	10	99 125	47 175,517	961 841,199	20,389	19,923	66	60	80 169	3 748,348	40 216,080	10,729	10,263
17	11	99 096	45 023,491	914 665,682	20,315	19,849	67	61	78 418	3 500,223	36 467,733	10,419	9,953
18	12	99 062	42 967,088	869 642,191	20,240	19,774	68	62	76 570	3 262,758	32 967,510	10,104	9,638
19	13	99 018	41 000,275	826 675,103	20,163	19,697	69	63	74 607	3 034,940	29 704,752	9,788	9,322
20	14	98 970	39 122,187	785 674,828	20,083	19,617	70	64	72 540	2 817,061	26 669,812	9,467	9,001
21	15	98 920	37 329,295	746 552,641	19,999	19,533	71	65	70 382	2 609,303	23 852,751	9,141	8,675
22	16	98 869	35 618,021	709 223,346	19,912	19,446	72	66	68 077	2 409,398	21 243,448	8,817	8,351
23	17	98 815	33 984,284	673 605,325	19,821	19,355	73	67	65 707	2 220,071	18 834,050	8,484	8,018
24	18	98 760	32 425,393	639 621,042	19,726	19,260	74	68	63 215	2 039,035	16 613,979	8,148	7,682
25	19	98 699	30 935,828	607 195,649	19,628	19,162	75	69	60 619	1 866,629	14 574,944	7,808	7,342
26	20	98 639	29 515,113	576 259,821	19,524	19,058	76	70	57 868	1 701,100	12 708,315	7,471	7,005
27	21	98 580	28 159,693	546 744,708	19,416	18,950	77	71	55 002	1 543,529	11 007,215	7,131	6,665
28	22	98 518	26 866,109	518 585,015	19,303	18,837	78	72	52 058	1 394,672	9 463,686	6,786	6,320
29	23	98 456	25 631,672	491 718,907	19,184	18,718	79	73	48 986	1 252,875	8 069,014	6,440	5,974
30	24	98 392	24 453,305	466 087,234	19,060	18,594	80	74	45 784	1 117,862	6 816,139	6,097	5,631
31	25	98 324	23 328,283	441 633,929	18,931	18,465	81	75	42 443	989,308	5 698,277	5,760	5,294
32	26	98 248	22 253,335	418 305,646	18,797	18,331	82	76	39 002	867,881	4 708,969	5,426	4,960
33	27	98 171	21 227,472	396 052,311	18,658	18,192	83	77	35 492	753,948	3 841,088	5,095	4,629
34	28	98 081	20 246,434	374 824,839	18,513	18,047	84	78	31 905	647,031	3 087,140	4,771	4,305
35	29	97 989	19 310,158	354 578,405	18,362	17,896	85	79	28 257	547,058	2 440,109	4,460	3,994
36	30	97 891	18 416,055	335 268,247	18,205	17,739	86	80	24 595	454,578	1 893,051	4,164	3,698
37	31	97 777	17 560,466	316 852,192	18,043	17,577	87	81	21 007	370,654	1 438,473	3,881	3,415
38	32	97 648	16 742,053	299 291,725	17,877	17,411	88	82	17 557	295,733	1 067,819	3,611	3,145
39	33	97 516	15 961,264	282 549,673	17,702	17,236	89	83	14 277	229,574	772,086	3,363	2,897
40	34	97 369	15 214,559	266 588,409	17,522	17,056	90	84	11 261	172,862	542,512	3,138	2,672
41	35	97 211	14 501,125	251 373,850	17,335	16,869	91	85	8 609	126,164	369,650	2,930	2,464
42	36	97 025	13 817,018	236 872,725	17,144	16,678	92	86	6 374	89,178	243,485	2,730	2,264
43	37	96 842	13 165,530	223 055,707	16,942	16,476	93	87	4 525	60,435	154,308	2,553	2,087
44	38	96 638	12 542,146	209 890,177	16,735	16,269	94	88	3 078	39,245	93,873	2,392	1,926
45	39	96 417	11 946,026	197 348,031	16,520	16,054	95	89	1 993	24,254	54,627	2,252	1,786
46	40	96 173	11 375,482	185 402,004	16,298	15,832	96	90	1 231	14,304	30,373	2,123	1,657
47	41	95 914	10 830,387	174 026,522	16,068	15,602	97	91	720	7,983	16,069	2,013	1,547
48	42	95 621	10 307,604	163 196,135	15,833	15,367	98	92	400	4,240	8,086	1,907	1,441
49	43	95 293	9 806,452	152 888,531	15,591	15,125	99	93	211	2,130	3,846	1,806	1,340
							100	94	103	0,995	1,716	1,724	1,258

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	9 334,274	143 744,536	15,400	14,934
1							51	44	94 623	8 874,411	134 410,262	15,146	14,680
2							52	45	94 195	8 433,695	125 535,851	14,885	14,419
3							53	46	93 718	8 010,462	117 102,156	14,619	14,153
4							54	47	93 184	7 603,685	109 091,694	14,347	13,881
5							55	48	92 597	7 213,148	101 488,009	14,070	13,604
6							56	49	91 931	6 836,513	94 274,861	13,790	13,324
7	0	99 583	71 962,528	1 502 751,316	20,882	20,416	57	50	91 195	6 474,245	87 438,348	13,506	13,040
8	1	99 285	68 493,984	1 430 788,788	20,889	20,423	58	51	90 383	6 125,653	80 964,103	13,217	12,751
9	2	99 256	65 368,529	1 362 294,805	20,840	20,374	59	52	89 499	5 790,661	74 838,449	12,924	12,458
10	3	99 235	62 391,115	1 296 926,275	20,787	20,321	60	53	88 525	5 467,960	69 047,788	12,628	12,162
11	4	99 217	59 551,551	1 234 535,160	20,731	20,265	61	54	87 462	5 157,322	63 579,828	12,328	11,862
12	5	99 201	56 841,960	1 174 983,609	20,671	20,205	62	55	86 297	4 857,887	58 422,506	12,026	11,560
13	6	99 186	54 255,911	1 118 141,648	20,609	20,143	63	56	85 018	4 568,829	53 564,620	11,724	11,258
14	7	99 169	51 787,024	1 063 885,738	20,543	20,077	64	57	83 632	4 290,589	48 995,790	11,419	10,953
15	8	99 152	49 430,225	1 012 098,713	20,475	20,009	65	58	82 141	4 022,969	44 705,201	11,112	10,646
16	9	99 130	47 178,024	962 668,489	20,405	19,939	66	59	80 542	3 765,800	40 822,232	10,803	10,337
17	10	99 102	45 025,994	915 490,465	20,332	19,866	67	60	78 822	3 518,260	36 916,432	10,493	10,027
18	11	99 070	42 970,393	870 464,470	20,257	19,791	68	61	77 000	3 281,086	33 398,172	10,179	9,713
19	12	99 024	41 002,866	827 494,078	20,181	19,715	69	62	75 066	3 053,635	30 117,085	9,863	9,397
20	13	98 978	39 125,280	786 491,212	20,102	19,636	70	63	73 034	2 836,234	27 063,451	9,542	9,076
21	14	98 929	37 332,739	747 365,932	20,019	19,553	71	64	70 907	2 628,779	24 227,216	9,216	8,750
22	15	98 880	35 622,145	710 033,193	19,932	19,466	72	65	68 627	2 428,862	21 598,437	8,892	8,426
23	16	98 827	33 988,629	674 411,049	19,842	19,376	73	66	66 287	2 239,685	19 169,575	8,559	8,093
24	17	98 773	32 429,598	640 422,420	19,748	19,282	74	67	63 813	2 058,297	16 929,890	8,225	7,759
25	18	98 715	30 940,850	607 992,822	19,650	19,184	75	68	61 244	1 885,872	14 871,593	7,886	7,420
26	19	98 655	29 519,965	577 051,972	19,548	19,082	76	69	58 544	1 720,971	12 985,721	7,546	7,080
27	20	98 596	28 164,303	547 532,007	19,441	18,975	77	70	55 701	1 563,149	11 264,750	7,206	6,740
28	21	98 535	26 870,671	519 367,704	19,328	18,862	78	71	52 787	1 414,208	9 701,601	6,860	6,394
29	22	98 473	25 635,974	492 497,033	19,211	18,745	79	72	49 730	1 271,887	8 287,393	6,516	6,050
30	23	98 408	24 457,305	466 861,059	19,089	18,623	80	73	46 563	1 136,889	7 015,505	6,171	5,705
31	24	98 340	23 332,116	442 403,754	18,961	18,495	81	74	43 230	1 007,639	5 878,616	5,834	5,368
32	25	98 267	22 257,662	419 071,638	18,828	18,362	82	75	39 803	885,701	4 870,977	5,500	5,034
33	26	98 188	21 231,256	396 813,976	18,690	18,224	83	76	36 296	771,026	3 985,276	5,169	4,703
34	27	98 102	20 250,682	375 582,720	18,547	18,081	84	77	32 688	662,899	3 214,250	4,849	4,383
35	28	98 012	19 314,755	355 332,038	18,397	17,931	85	78	29 047	562,358	2 551,351	4,537	4,071
36	29	97 915	18 420,601	336 017,283	18,241	17,775	86	79	25 377	469,028	1 988,993	4,241	3,775
37	30	97 804	17 565,434	317 596,683	18,081	17,615	87	80	21 775	384,201	1 519,964	3,956	3,490
38	31	97 679	16 747,445	300 031,249	17,915	17,449	88	81	18 297	308,189	1 135,763	3,685	3,219
39	32	97 548	15 966,627	283 283,804	17,742	17,276	89	82	14 981	240,897	827,574	3,435	2,969
40	33	97 403	15 219,890	267 317,177	17,564	17,098	90	83	11 918	182,961	586,677	3,207	2,741
41	34	97 248	14 506,664	252 097,287	17,378	16,912	91	84	9 196	134,760	403,717	2,996	2,530
42	35	97 070	13 823,472	237 590,623	17,187	16,721	92	85	6 881	96,272	268,956	2,794	2,328
43	36	96 888	13 171,811	223 767,151	16,988	16,522	93	86	4 947	66,069	172,684	2,614	2,148
44	37	96 687	12 548,482	210 595,340	16,783	16,317	94	87	3 417	43,562	106,615	2,447	1,981
45	38	96 471	11 952,649	198 046,857	16,569	16,103	95	88	2 247	27,354	63,053	2,305	1,839
46	39	96 236	11 382,888	186 094,208	16,349	15,883	96	89	1 413	16,419	35,699	2,174	1,708
47	40	95 975	10 837,248	174 711,320	16,121	15,655	97	90	844	9,360	19,280	2,060	1,594
48	41	95 691	10 315,165	163 874,071	15,887	15,421	98	91	480	5,084	9,920	1,951	1,485
49	42	95 370	9 814,370	153 558,907	15,646	15,180	99	92	259	2,623	4,837	1,844	1,378
							100	93	130	1,259	2,214	1,758	1,292

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0							50	42	95 090	9 341,812	144 351,045	15,452	14,986
1							51	43	94 707	8 882,367	135 009,234	15,200	14,734
2							52	44	94 284	8 441,680	126 126,867	14,941	14,475
3							53	45	93 819	8 019,088	117 685,187	14,676	14,210
4							54	46	93 295	7 612,700	109 666,099	14,406	13,940
5							55	47	92 717	7 222,533	102 053,400	14,130	13,664
6							56	48	92 070	6 846,901	94 830,867	13,850	13,384
7							57	49	91 348	6 485,167	87 983,966	13,567	13,101
8	0	99 573	68 692,634	1 431 790,722	20,843	20,377	58	50	90 550	6 136,969	81 498,799	13,280	12,814
9	1	99 278	65 383,071	1 363 098,088	20,848	20,382	59	51	89 685	5 802,711	75 361,830	12,987	12,521
10	2	99 248	62 399,315	1 297 715,016	20,797	20,331	60	52	88 721	5 480,040	69 559,120	12,693	12,227
11	3	99 227	59 557,489	1 235 315,701	20,742	20,276	61	53	87 679	5 170,136	64 079,079	12,394	11,928
12	4	99 210	56 847,193	1 175 758,213	20,683	20,217	62	54	86 536	4 871,304	58 908,943	12,093	11,627
13	5	99 193	54 259,597	1 118 911,019	20,621	20,155	63	55	85 283	4 583,094	54 037,639	11,791	11,325
14	6	99 177	51 790,806	1 064 651,422	20,557	20,091	64	56	83 916	4 305,147	49 454,545	11,487	11,021
15	7	99 157	49 432,579	1 012 860,616	20,490	20,024	65	57	82 450	4 038,137	45 149,398	11,181	10,715
16	8	99 137	47 181,424	963 428,037	20,420	19,954	66	58	80 880	3 781,583	41 111,261	10,871	10,405
17	9	99 107	45 028,388	916 246,613	20,348	19,882	67	59	79 189	3 534,641	37 329,678	10,561	10,095
18	10	99 075	42 972,782	871 218,225	20,274	19,808	68	60	77 397	3 297,995	33 795,036	10,247	9,781
19	11	99 032	41 006,020	828 245,443	20,198	19,732	69	61	75 488	3 070,789	30 497,042	9,931	9,465
20	12	98 984	39 127,752	787 239,424	20,120	19,654	70	62	73 484	2 853,705	27 426,253	9,611	9,145
21	13	98 937	37 335,690	748 111,671	20,037	19,571	71	63	71 390	2 646,671	24 572,549	9,284	8,818
22	14	98 889	35 625,431	710 775,982	19,951	19,485	72	64	69 139	2 446,991	21 925,878	8,960	8,494
23	15	98 839	33 992,564	675 150,550	19,862	19,396	73	65	66 823	2 257,778	19 478,886	8,627	8,161
24	16	98 786	32 433,744	641 157,986	19,768	19,302	74	66	64 376	2 076,482	17 221,108	8,293	7,827
25	17	98 728	30 944,862	608 724,242	19,671	19,205	75	67	61 823	1 903,687	15 144,626	7,955	7,489
26	18	98 671	29 524,758	577 779,380	19,569	19,103	76	68	59 147	1 738,713	13 240,940	7,615	7,149
27	19	98 612	28 168,933	548 254,622	19,463	18,997	77	69	56 351	1 581,409	11 502,226	7,273	6,807
28	20	98 551	26 875,070	520 085,690	19,352	18,886	78	70	53 458	1 432,185	9 920,818	6,927	6,461
29	21	98 490	25 640,327	493 210,620	19,236	18,770	79	71	50 426	1 289,704	8 488,633	6,582	6,116
30	22	98 424	24 461,410	467 570,292	19,115	18,649	80	72	47 270	1 154,141	7 198,929	6,237	5,771
31	23	98 356	23 335,933	443 108,883	18,988	18,522	81	73	43 965	1 024,790	6 044,788	5,899	5,433
32	24	98 283	22 261,319	419 772,950	18,857	18,391	82	74	40 541	902,113	5 019,998	5,565	5,099
33	25	98 207	21 235,384	397 511,631	18,719	18,253	83	75	37 041	786,857	4 117,885	5,233	4,767
34	26	98 119	20 254,292	376 276,247	18,578	18,112	84	76	33 428	677,914	3 331,028	4,914	4,448
35	27	98 033	19 318,807	356 021,955	18,429	17,963	85	77	29 760	576,150	2 653,114	4,605	4,139
36	28	97 938	18 424,986	336 703,148	18,274	17,808	86	78	26 087	482,146	2 076,964	4,308	3,842
37	29	97 828	17 569,769	318 278,162	18,115	17,649	87	79	22 467	396,414	1 594,817	4,023	3,557
38	30	97 707	16 752,183	300 708,393	17,950	17,484	88	80	18 965	319,453	1 198,403	3,751	3,285
39	31	97 580	15 971,770	283 956,211	17,779	17,313	89	81	15 612	251,043	878,950	3,501	3,035
40	32	97 436	15 225,004	267 984,440	17,602	17,136	90	82	12 506	191,985	627,907	3,271	2,805
41	33	97 283	14 511,746	252 759,437	17,418	16,952	91	83	9 733	142,633	435,922	3,056	2,590
42	34	97 107	13 828,752	238 247,691	17,228	16,762	92	84	7 350	102,832	293,289	2,852	2,386
43	35	96 933	13 177,964	224 418,938	17,030	16,564	93	85	5 340	71,325	190,458	2,670	2,204
44	36	96 733	12 554,469	211 240,974	16,826	16,360	94	86	3 735	47,624	119,132	2,502	2,036
45	37	96 519	11 958,688	198 686,505	16,614	16,148	95	87	2 494	30,363	71,509	2,355	1,889
46	38	96 289	11 389,199	186 727,817	16,395	15,929	96	88	1 593	18,517	41,146	2,222	1,756
47	39	96 038	10 844,304	175 338,618	16,169	15,703	97	89	968	10,744	22,630	2,106	1,640
48	40	95 751	10 321,699	164 494,314	15,937	15,471	98	90	563	5,960	11,886	1,994	1,528
49	41	95 440	9 821,569	154 172,614	15,697	15,231	99	91	311	3,145	5,926	1,884	1,418
							100	92	161	1,551	2,781	1,793	1,327

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	9 348,664	144 906,019	15,500	15,034
1							51	42	94 784	8 889,540	135 557,355	15,249	14,783
2							52	43	94 369	8 449,247	126 667,816	14,992	14,526
3							53	44	93 907	8 026,680	118 218,568	14,728	14,262
4							54	45	93 395	7 620,897	110 191,888	14,459	13,993
5							55	46	92 827	7 231,096	102 570,991	14,185	13,719
6							56	47	92 190	6 855,809	95 339,896	13,906	13,440
7							57	48	91 487	6 495,020	88 484,087	13,623	13,157
8							58	49	90 703	6 147,322	81 989,066	13,337	12,871
9	0	99 566	65 572,699	1 364 023,517	20,802	20,336	59	50	89 850	5 813,430	75 841,744	13,046	12,580
10	1	99 270	62 413,196	1 298 450,818	20,804	20,338	60	51	88 905	5 491,443	70 028,314	12,752	12,286
11	2	99 240	59 565,316	1 236 037,621	20,751	20,285	61	52	87 873	5 181,559	64 536,871	12,455	11,989
12	3	99 220	56 852,862	1 176 472,306	20,693	20,227	62	53	86 751	4 883,408	59 355,312	12,154	11,688
13	4	99 202	54 264,593	1 119 619,444	20,633	20,167	63	54	85 519	4 595,752	54 471,905	11,853	11,387
14	5	99 183	51 794,325	1 065 354,851	20,569	20,103	64	55	84 178	4 318,588	49 876,153	11,549	11,083
15	6	99 164	49 436,189	1 013 560,527	20,502	20,036	65	56	82 730	4 051,839	45 557,565	11,244	10,778
16	7	99 142	47 183,672	964 124,338	20,433	19,967	66	57	81 185	3 795,841	41 505,726	10,935	10,469
17	8	99 114	45 031,633	916 940,666	20,362	19,896	67	58	79 521	3 549,455	37 709,884	10,624	10,158
18	9	99 081	42 975,066	871 909,033	20,289	19,823	68	59	77 757	3 313,350	34 160,429	10,310	9,844
19	10	99 037	41 008,299	828 933,968	20,214	19,748	69	60	75 877	3 086,613	30 847,079	9,994	9,528
20	11	98 992	39 130,762	787 925,668	20,136	19,670	70	61	73 897	2 869,735	27 760,466	9,674	9,208
21	12	98 943	37 338,049	748 794,907	20,054	19,588	71	62	71 830	2 662,974	24 890,730	9,347	8,881
22	13	98 897	35 628,247	711 456,857	19,969	19,503	72	63	69 610	2 463,646	22 227,757	9,022	8,556
23	14	98 848	33 995,700	675 828,610	19,880	19,414	73	64	67 322	2 274,631	19 764,111	8,689	8,223
24	15	98 797	32 437,499	641 832,910	19,787	19,321	74	65	64 896	2 093,257	17 489,480	8,355	7,889
25	16	98 740	30 948,818	609 395,410	19,690	19,224	75	66	62 369	1 920,506	15 396,224	8,017	7,551
26	17	98 684	29 528,586	578 446,592	19,589	19,123	76	67	59 706	1 755,138	13 475,718	7,678	7,212
27	18	98 628	28 173,506	548 918,005	19,483	19,017	77	68	56 932	1 597,712	11 720,580	7,336	6,870
28	19	98 568	26 879,488	520 744,500	19,373	18,907	78	69	54 083	1 448,915	10 122,869	6,987	6,521
29	20	98 506	25 644,525	493 865,011	19,258	18,792	79	70	51 067	1 306,098	8 673,954	6,641	6,175
30	21	98 441	24 465,564	468 220,487	19,138	18,672	80	71	47 932	1 170,309	7 367,856	6,296	5,830
31	22	98 372	23 339,849	443 754,923	19,013	18,547	81	72	44 633	1 040,341	6 197,548	5,957	5,491
32	23	98 299	22 264,961	420 415,074	18,882	18,416	82	73	41 231	917,467	5 157,207	5,621	5,155
33	24	98 223	21 238,873	398 150,114	18,746	18,280	83	74	37 727	801,437	4 239,740	5,290	4,824
34	25	98 138	20 258,230	376 911,240	18,605	18,139	84	75	34 115	691,834	3 438,303	4,970	4,504
35	26	98 050	19 322,251	356 653,010	18,458	17,992	85	76	30 434	589,200	2 746,469	4,661	4,195
36	27	97 959	18 428,851	337 330,759	18,304	17,838	86	77	26 727	493,971	2 157,268	4,367	3,901
37	28	97 852	17 573,952	318 901,908	18,146	17,680	87	78	23 096	407,501	1 663,297	4,082	3,616
38	29	97 731	16 756,317	301 327,956	17,983	17,517	88	79	19 568	329,608	1 255,796	3,810	3,344
39	30	97 607	15 976,288	284 571,639	17,812	17,346	89	80	16 183	260,219	926,188	3,559	3,093
40	31	97 467	15 229,908	268 595,351	17,636	17,170	90	81	13 033	200,070	665,969	3,329	2,863
41	32	97 315	14 516,622	253 365,443	17,453	16,987	91	82	10 213	149,668	465,899	3,113	2,647
42	33	97 141	13 833,597	238 848,821	17,266	16,800	92	83	7 780	108,839	316,231	2,905	2,439
43	34	96 970	13 182,998	225 015,224	17,069	16,603	93	84	5 704	76,185	207,392	2,722	2,256
44	35	96 778	12 560,334	211 832,226	16,865	16,399	94	85	4 032	51,412	131,207	2,552	2,086
45	36	96 566	11 964,393	199 271,892	16,655	16,189	95	86	2 727	33,193	79,795	2,404	1,938
46	37	96 338	11 394,953	187 307,499	16,438	15,972	96	87	1 769	20,553	46,601	2,267	1,801
47	38	96 091	10 850,316	175 912,546	16,213	15,747	97	88	1 092	12,117	26,048	2,150	1,684
48	39	95 814	10 328,420	165 062,230	15,981	15,515	98	89	646	6,842	13,932	2,036	1,570
49	40	95 500	9 827,791	154 733,810	15,745	15,279	99	90	365	3,687	7,090	1,923	1,457
							100	91	193	1,859	3,403	1,830	1,364

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	40	95 220	9 354,586	145 413,291	15,545	15,079
1							51	41	94 853	8 896,060	136 058,705	15,294	14,828
2							52	42	94 445	8 456,070	127 162,645	15,038	14,572
3							53	43	93 992	8 033,876	118 706,575	14,776	14,310
4							54	44	93 483	7 628,112	110 672,699	14,509	14,043
5							55	45	92 927	7 238,882	103 044,587	14,235	13,769
6							56	46	92 299	6 863,937	95 805,704	13,958	13,492
7							57	47	91 606	6 503,471	88 941,767	13,676	13,210
8							58	48	90 840	6 156,662	82 438,296	13,390	12,924
9							59	49	90 002	5 823,237	76 281,634	13,100	12,634
10	0	99 558	62 594,211	1 299 305,653	20,758	20,292	60	50	89 070	5 501,588	70 458,398	12,807	12,341
11	1	99 262	59 578,567	1 236 711,442	20,758	20,292	61	51	88 056	5 192,341	64 956,810	12,510	12,044
12	2	99 233	56 860,333	1 177 132,875	20,702	20,236	62	52	86 942	4 894,197	59 764,469	12,211	11,745
13	3	99 212	54 270,003	1 120 272,542	20,643	20,177	63	53	85 731	4 607,171	54 870,273	11,910	11,444
14	4	99 192	51 799,093	1 066 002,538	20,580	20,114	64	54	84 411	4 330,516	50 263,102	11,607	11,141
15	5	99 171	49 439,548	1 014 203,445	20,514	20,048	65	55	82 989	4 064,489	45 932,586	11,301	10,835
16	6	99 149	47 187,117	964 763,898	20,445	19,979	66	56	81 460	3 808,721	41 868,097	10,993	10,527
17	7	99 119	45 033,778	917 576,780	20,375	19,909	67	57	79 821	3 562,838	38 059,376	10,682	10,216
18	8	99 088	42 978,163	872 543,003	20,302	19,836	68	58	78 083	3 327,237	34 496,538	10,368	9,902
19	9	99 042	41 010,479	829 564,840	20,228	19,762	69	59	76 230	3 100,984	31 169,301	10,051	9,585
20	10	98 997	39 132,937	788 554,360	20,151	19,685	70	60	74 277	2 884,524	28 068,317	9,731	9,265
21	11	98 951	37 340,921	749 421,423	20,070	19,604	71	61	72 233	2 677,933	25 183,793	9,404	8,938
22	12	98 903	35 630,499	712 080,502	19,985	19,519	72	62	70 038	2 478,821	22 505,860	9,079	8,613
23	13	98 856	33 998,387	676 450,003	19,897	19,431	73	63	67 780	2 290,112	20 027,039	8,745	8,279
24	14	98 806	32 440,492	642 451,616	19,804	19,338	74	64	65 381	2 108,881	17 736,927	8,411	7,945
25	15	98 752	30 952,402	610 011,124	19,708	19,242	75	65	62 873	1 936,021	15 628,046	8,072	7,606
26	16	98 697	29 532,362	579 058,722	19,608	19,142	76	66	60 233	1 770,644	13 692,025	7,733	7,267
27	17	98 641	28 177,159	549 526,360	19,503	19,037	77	67	57 470	1 612,804	11 921,381	7,392	6,926
28	18	98 584	26 883,852	521 349,201	19,393	18,927	78	68	54 640	1 463,852	10 308,576	7,042	6,576
29	19	98 522	25 648,741	494 465,349	19,278	18,812	79	69	51 664	1 321,354	8 844,725	6,694	6,228
30	20	98 457	24 469,569	468 816,608	19,159	18,693	80	70	48 541	1 185,185	7 523,370	6,348	5,882
31	21	98 389	23 343,812	444 347,039	19,035	18,569	81	71	45 258	1 054,914	6 338,186	6,008	5,542
32	22	98 316	22 268,697	421 003,227	18,906	18,440	82	72	41 856	931,390	5 283,272	5,672	5,206
33	23	98 239	21 242,348	398 734,530	18,771	18,305	83	73	38 369	815,078	4 351,882	5,339	4,873
34	24	98 154	20 261,559	377 492,183	18,631	18,165	84	74	34 747	704,653	3 536,804	5,019	4,553
35	25	98 069	19 326,008	357 230,624	18,484	18,018	85	75	31 059	601,298	2 832,151	4,710	4,244
36	26	97 976	18 432,136	337 904,616	18,332	17,866	86	76	27 332	505,160	2 230,852	4,416	3,950
37	27	97 872	17 577,639	319 472,479	18,175	17,709	87	77	23 662	417,496	1 725,693	4,133	3,667
38	28	97 754	16 760,306	301 894,841	18,012	17,546	88	78	20 116	338,826	1 308,197	3,861	3,395
39	29	97 632	15 980,231	285 134,535	17,843	17,377	89	79	16 697	268,491	969,371	3,610	3,144
40	30	97 495	15 234,216	269 154,303	17,668	17,202	90	80	13 509	207,383	700,880	3,380	2,914
41	31	97 347	14 521,298	253 920,087	17,486	17,020	91	81	10 643	155,972	493,497	3,164	2,698
42	32	97 174	13 838,245	239 398,789	17,300	16,834	92	82	8 163	114,207	337,526	2,955	2,489
43	33	97 004	13 187,616	225 560,544	17,104	16,638	93	83	6 037	80,636	223,318	2,769	2,303
44	34	96 815	12 565,131	212 372,927	16,902	16,436	94	84	4 307	54,915	142,683	2,598	2,132
45	35	96 611	11 969,982	199 807,796	16,692	16,226	95	85	2 944	35,834	87,767	2,449	1,983
46	36	96 384	11 400,389	187 837,814	16,476	16,010	96	86	1 934	22,469	51,934	2,311	1,845
47	37	96 139	10 855,798	176 437,425	16,253	15,787	97	87	1 212	13,449	29,464	2,191	1,725
48	38	95 867	10 334,146	165 581,627	16,023	15,557	98	88	729	7,716	16,015	2,076	1,610
49	39	95 562	9 834,190	155 247,481	15,787	15,320	99	89	419	4,232	8,299	1,961	1,495
							100	90	226	2,180	4,067	1,866	1,400

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	39	95 282	9 360,677	145 877,472	15,584	15,118
							51	40	94 914	8 901,696	136 516,796	15,336	14,870
							52	41	94 514	8 462,273	127 615,100	15,080	14,614
							53	42	94 067	8 040,363	119 152,827	14,819	14,353
							54	43	93 567	7 634,951	111 112,464	14,553	14,087
							55	44	93 015	7 245,736	103 477,513	14,281	13,815
							56	45	92 399	6 871,328	96 231,778	14,005	13,539
							57	46	91 715	6 511,181	89 360,449	13,724	13,258
							58	47	90 959	6 164,672	82 849,268	13,439	12,973
							59	48	90 139	5 832,085	76 684,596	13,149	12,683
							60	49	89 220	5 510,868	70 852,511	12,857	12,391
11	0	99 550	59 751,360	1 237 501,175	20,711	20,245	61	50	88 219	5 201,932	65 341,643	12,561	12,095
12	1	99 255	56 872,983	1 177 749,815	20,708	20,242	62	51	87 123	4 904,381	60 139,710	12,262	11,796
13	2	99 225	54 277,136	1 120 876,833	20,651	20,185	63	52	85 920	4 617,349	55 235,330	11,963	11,497
14	3	99 202	51 804,258	1 066 599,697	20,589	20,123	64	53	84 620	4 341,276	50 617,980	11,660	11,194
15	4	99 180	49 444,099	1 014 795,439	20,524	20,058	65	54	83 218	4 075,715	46 276,704	11,354	10,888
16	5	99 156	47 190,323	965 351,340	20,457	19,991	66	55	81 714	3 820,612	42 200,989	11,046	10,580
17	6	99 126	45 037,066	918 161,017	20,387	19,921	67	56	80 092	3 574,927	38 380,377	10,736	10,270
18	7	99 093	42 980,210	873 123,950	20,315	19,849	68	57	78 378	3 339,782	34 805,450	10,421	9,955
19	8	99 050	41 013,435	830 143,740	20,241	19,775	69	58	76 550	3 113,981	31 465,668	10,105	9,639
20	9	99 003	39 135,017	789 130,305	20,164	19,698	70	59	74 623	2 897,954	28 351,687	9,783	9,317
21	10	98 956	37 342,997	749 995,288	20,084	19,618	71	60	72 605	2 691,733	25 453,733	9,456	8,990
22	11	98 911	35 633,239	712 652,291	20,000	19,534	72	61	70 432	2 492,746	22 762,000	9,131	8,665
23	12	98 862	34 000,536	677 019,052	19,912	19,446	73	62	68 197	2 304,218	20 269,254	8,797	8,331
24	13	98 814	32 443,056	643 018,515	19,820	19,354	74	63	65 826	2 123,234	17 965,036	8,461	7,995
25	14	98 761	30 955,257	610 575,459	19,724	19,258	75	64	63 342	1 950,471	15 841,801	8,122	7,656
26	15	98 708	29 535,781	579 620,202	19,624	19,158	76	65	60 720	1 784,948	13 891,330	7,782	7,316
27	16	98 653	28 180,762	550 084,421	19,520	19,054	77	66	57 978	1 627,053	12 106,381	7,441	6,975
28	17	98 596	26 887,338	521 903,659	19,411	18,945	78	67	55 156	1 477,680	10 479,328	7,092	6,626
29	18	98 538	25 652,905	495 016,321	19,297	18,831	79	68	52 197	1 334,976	9 001,648	6,743	6,277
30	19	98 473	24 473,592	469 363,416	19,178	18,712	80	69	49 108	1 199,029	7 666,672	6,394	5,928
31	20	98 405	23 347,634	444 889,825	19,055	18,589	81	70	45 833	1 068,323	6 467,643	6,054	5,588
32	21	98 333	22 272,479	421 542,191	18,927	18,461	82	71	42 443	944,437	5 399,320	5,717	5,251
33	22	98 256	21 245,912	399 269,712	18,793	18,327	83	72	38 952	827,447	4 454,883	5,384	4,918
34	23	98 170	20 264,873	378 023,800	18,654	18,188	84	73	35 338	716,647	3 627,436	5,062	4,596
35	24	98 085	19 329,183	357 758,927	18,509	18,043	85	74	31 634	612,440	2 910,789	4,753	4,287
36	25	97 995	18 435,721	338 429,743	18,357	17,891	86	75	27 893	515,532	2 298,349	4,458	3,992
37	26	97 890	17 580,772	319 994,023	18,201	17,735	87	76	24 198	426,952	1 782,817	4,176	3,710
38	27	97 775	16 763,822	302 413,251	18,040	17,574	88	77	20 609	347,136	1 355,865	3,906	3,440
39	28	97 655	15 984,035	285 649,428	17,871	17,405	89	78	17 164	276,000	1 008,729	3,655	3,189
40	29	97 519	15 237,976	269 665,393	17,697	17,231	90	79	13 939	213,975	732,729	3,424	2,958
41	30	97 374	14 525,406	254 427,417	17,516	17,050	91	80	11 032	161,672	518,754	3,209	2,743
42	31	97 205	13 842,703	239 902,011	17,331	16,865	92	81	8 507	119,017	357,081	3,000	2,534
43	32	97 037	13 192,048	226 059,308	17,136	16,670	93	82	6 335	84,613	238,064	2,814	2,348
44	33	96 849	12 569,533	212 867,260	16,935	16,469	94	83	4 559	58,123	153,451	2,640	2,174
45	34	96 648	11 974,554	200 297,727	16,727	16,261	95	84	3 145	38,275	95,328	2,491	2,025
46	35	96 429	11 405,715	188 323,173	16,511	16,045	96	85	2 087	24,257	57,052	2,352	1,886
47	36	96 185	10 860,977	176 917,458	16,289	15,823	97	86	1 325	14,703	32,795	2,231	1,764
48	37	95 915	10 339,367	166 056,481	16,061	15,595	98	87	809	8,565	18,092	2,112	1,646
49	38	95 615	9 839,642	155 717,114	15,825	15,359	99	88	472	4,773	9,528	1,996	1,530
							100	89	259	2,502	4,755	1,900	1,434

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	9 365,866	146 301,737	15,621	15,155
1							51	39	94 975	8 907,492	136 935,871	15,373	14,907
2							52	40	94 574	8 467,634	128 028,379	15,120	14,654
3							53	41	94 136	8 046,260	119 560,745	14,859	14,393
4							54	42	93 643	7 641,116	111 514,485	14,594	14,128
5							55	43	93 099	7 252,231	103 873,369	14,323	13,857
6							56	44	92 486	6 877,834	96 621,138	14,048	13,582
7							57	45	91 814	6 518,193	89 743,304	13,768	13,302
8							58	46	91 066	6 171,981	83 225,111	13,484	13,018
9							59	47	90 256	5 839,672	77 053,130	13,195	12,729
10							60	48	89 356	5 519,242	71 213,458	12,903	12,437
11							61	49	88 368	5 210,708	65 694,216	12,608	12,142
12	0	99 543	57 037,929	1 178 479,534	20,661	20,195	62	50	87 284	4 913,440	60 483,508	12,310	11,844
13	1	99 247	54 289,210	1 121 441,606	20,657	20,191	63	51	86 099	4 626,957	55 570,068	12,010	11,544
14	2	99 215	51 811,066	1 067 152,395	20,597	20,131	64	52	84 807	4 350,867	50 943,110	11,709	11,243
15	3	99 190	49 449,029	1 015 341,329	20,533	20,067	65	53	83 425	4 085,842	46 592,243	11,403	10,937
16	4	99 165	47 194,668	965 892,300	20,466	20,000	66	54	81 940	3 831,164	42 506,401	11,095	10,629
17	5	99 133	45 040,126	918 697,632	20,397	19,931	67	55	80 342	3 586,089	38 675,237	10,785	10,319
18	6	99 100	42 983,349	873 657,506	20,325	19,859	68	56	78 644	3 351,114	35 089,149	10,471	10,005
19	7	99 054	41 015,389	830 674,157	20,253	19,787	69	57	76 838	3 125,722	31 738,035	10,154	9,688
20	8	99 010	39 137,838	789 658,769	20,176	19,710	70	58	74 936	2 910,100	28 612,313	9,832	9,366
21	9	98 962	37 344,982	750 520,931	20,097	19,631	71	59	72 943	2 704,266	25 702,213	9,504	9,038
22	10	98 916	35 635,220	713 175,949	20,013	19,547	72	60	70 795	2 505,592	22 997,947	9,179	8,713
23	11	98 869	34 003,151	677 540,728	19,926	19,460	73	61	68 581	2 317,163	20 492,356	8,844	8,378
24	12	98 820	32 445,107	643 537,577	19,835	19,369	74	62	66 231	2 136,313	18 175,193	8,508	8,042
25	13	98 769	30 957,704	611 092,471	19,740	19,274	75	63	63 773	1 963,746	16 038,880	8,167	7,701
26	14	98 717	29 538,506	580 134,766	19,640	19,174	76	64	61 173	1 798,272	14 075,134	7,827	7,361
27	15	98 665	28 184,025	550 596,260	19,536	19,070	77	65	58 446	1 640,197	12 276,862	7,485	7,019
28	16	98 609	26 890,776	522 412,235	19,427	18,961	78	66	55 644	1 490,735	10 636,665	7,135	6,669
29	17	98 551	25 656,231	495 521,460	19,314	18,848	79	67	52 690	1 347,587	9 145,930	6,787	6,321
30	18	98 489	24 477,565	469 865,229	19,196	18,730	80	68	49 614	1 211,390	7 798,342	6,438	5,972
31	19	98 421	23 351,472	445 387,664	19,073	18,607	81	69	46 368	1 080,803	6 586,952	6,095	5,628
32	20	98 349	22 276,125	422 036,192	18,946	18,480	82	70	42 982	956,442	5 506,150	5,757	5,291
33	21	98 273	21 249,520	399 760,067	18,813	18,347	83	71	39 497	839,038	4 549,708	5,423	4,957
34	22	98 187	20 268,274	378 510,547	18,675	18,209	84	72	35 874	727,522	3 710,671	5,100	4,634
35	23	98 102	19 332,345	358 242,273	18,531	18,065	85	73	32 173	622,864	2 983,149	4,789	4,323
36	24	98 011	18 438,750	338 909,927	18,380	17,914	86	74	28 410	525,085	2 360,284	4,495	4,029
37	25	97 909	17 584,191	320 471,178	18,225	17,759	87	75	24 695	435,719	1 835,200	4,212	3,746
38	26	97 792	16 766,811	302 886,987	18,065	17,599	88	76	21 076	354,999	1 399,481	3,942	3,476
39	27	97 675	15 987,389	286 120,176	17,897	17,431	89	77	17 585	282,769	1 044,482	3,694	3,228
40	28	97 542	15 241,603	270 132,788	17,723	17,257	90	78	14 329	219,960	761,713	3,463	2,997
41	29	97 398	14 528,991	254 891,184	17,544	17,078	91	79	11 383	166,812	541,753	3,248	2,782
42	30	97 233	13 846,618	240 362,193	17,359	16,893	92	80	8 818	123,367	374,942	3,039	2,573
43	31	97 068	13 196,297	226 515,575	17,165	16,699	93	81	6 602	88,176	251,574	2,853	2,387
44	32	96 882	12 573,757	213 319,278	16,965	16,499	94	82	4 783	60,990	163,398	2,679	2,213
45	33	96 681	11 978,749	200 745,521	16,758	16,292	95	83	3 328	40,512	102,408	2,528	2,062
46	34	96 466	11 410,071	188 766,771	16,544	16,078	96	84	2 230	25,910	61,896	2,389	1,923
47	35	96 230	10 866,051	177 356,700	16,322	15,856	97	85	1 431	15,873	35,987	2,267	1,801
48	36	95 961	10 344,299	166 490,649	16,095	15,629	98	86	884	9,363	20,114	2,148	1,682
49	37	95 663	9 844,613	156 146,350	15,861	15,395	99	87	524	5,298	10,751	2,029	1,563
							100	88	292	2,822	5,453	1,932	1,466

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	37	95 383	9 370,598	146 689,402	15,654	15,188
							51	38	95 028	8 912,430	137 318,804	15,408	14,942
							52	39	94 636	8 473,147	128 406,374	15,155	14,689
							53	40	94 196	8 051,358	119 933,227	14,896	14,430
							54	41	93 712	7 646,721	111 881,870	14,631	14,165
							55	42	93 174	7 258,088	104 235,149	14,361	13,895
							56	43	92 569	6 884,000	96 977,061	14,087	13,621
							57	44	91 901	6 524,364	90 093,061	13,809	13,343
							58	45	91 165	6 178,627	83 568,698	13,525	13,059
							59	46	90 363	5 846,596	77 390,070	13,237	12,771
							60	47	89 472	5 526,423	71 543,475	12,946	12,480
							61	48	88 502	5 218,625	66 017,052	12,650	12,184
							62	49	87 431	4 921,729	60 798,427	12,353	11,887
13	0	99 535	54 446,663	1 122 116,003	20,609	20,143	63	50	86 258	4 635,505	55 876,698	12,054	11,588
14	1	99 237	51 822,592	1 067 669,340	20,602	20,136	64	51	84 984	4 359,920	51 241,193	11,753	11,287
15	2	99 203	49 455,528	1 015 846,748	20,541	20,075	65	52	83 609	4 094,869	46 881,273	11,449	10,983
16	3	99 175	47 199,374	966 391,220	20,475	20,009	66	53	82 144	3 840,684	42 786,404	11,140	10,674
17	4	99 142	45 044,273	919 191,847	20,406	19,940	67	54	80 564	3 595,993	38 945,721	10,830	10,364
18	5	99 107	42 986,269	874 147,574	20,336	19,869	68	55	78 889	3 361,576	35 349,728	10,516	10,050
19	6	99 062	41 018,383	831 161,305	20,263	19,797	69	56	77 099	3 136,328	31 988,151	10,199	9,733
20	7	99 014	39 139,702	790 142,921	20,188	19,722	70	57	75 218	2 921,072	28 851,823	9,877	9,411
21	8	98 969	37 347,674	751 003,219	20,108	19,642	71	58	73 249	2 715,600	25 930,751	9,549	9,083
22	9	98 922	35 637,115	713 655,546	20,026	19,560	72	59	71 124	2 517,258	23 215,152	9,222	8,756
23	10	98 875	34 005,042	678 018,431	19,939	19,473	73	60	68 934	2 329,103	20 697,894	8,887	8,421
24	11	98 828	32 447,602	644 013,390	19,848	19,382	74	61	66 603	2 148,314	18 368,791	8,550	8,084
25	12	98 775	30 959,661	611 565,787	19,754	19,288	75	62	64 166	1 975,842	16 220,477	8,209	7,743
26	13	98 725	29 540,841	580 606,126	19,654	19,188	76	63	61 590	1 810,511	14 244,634	7,868	7,402
27	14	98 674	28 186,625	551 065,286	19,551	19,085	77	64	58 882	1 652,440	12 434,124	7,525	7,059
28	15	98 620	26 893,889	522 878,661	19,442	18,976	78	65	56 093	1 502,778	10 781,683	7,175	6,708
29	16	98 563	25 659,511	495 984,771	19,329	18,863	79	66	53 155	1 359,493	9 278,905	6,825	6,359
30	17	98 502	24 480,739	470 325,260	19,212	18,746	80	67	50 083	1 222,833	7 919,412	6,476	6,010
31	18	98 437	23 355,263	445 844,521	19,090	18,624	81	68	46 847	1 091,945	6 696,579	6,133	5,667
32	19	98 365	22 279,787	422 489,258	18,963	18,497	82	69	43 484	967,614	5 604,634	5,792	5,326
33	20	98 289	21 252,999	400 209,471	18,831	18,365	83	70	39 999	849,703	4 637,020	5,457	4,991
34	21	98 204	20 271,716	378 956,472	18,694	18,228	84	71	36 377	737,713	3 787,317	5,134	4,668
35	22	98 118	19 335,590	358 684,756	18,550	18,084	85	72	32 661	632,316	3 049,604	4,823	4,357
36	23	98 027	18 441,766	339 349,167	18,401	17,935	86	73	28 894	534,022	2 417,288	4,527	4,061
37	24	97 925	17 587,080	320 907,401	18,247	17,781	87	74	25 152	443,792	1 883,266	4,244	3,778
38	25	97 811	16 770,071	303 320,321	18,087	17,621	88	75	21 508	362,288	1 439,474	3,973	3,507
39	26	97 693	15 990,239	286 550,250	17,920	17,454	89	76	17 983	289,174	1 077,186	3,725	3,259
40	27	97 563	15 244,801	270 560,011	17,748	17,282	90	77	14 680	225,354	788,012	3,497	3,031
41	28	97 421	14 532,450	255 315,210	17,569	17,103	91	78	11 701	171,477	562,657	3,281	2,815
42	29	97 257	13 850,036	240 782,761	17,385	16,919	92	79	9 098	127,289	391,181	3,073	2,607
43	30	97 095	13 200,030	226 932,725	17,192	16,726	93	80	6 843	91,399	263,892	2,887	2,421
44	31	96 913	12 577,807	213 732,695	16,993	16,527	94	81	4 985	63,559	172,492	2,714	2,248
45	32	96 714	11 982,774	201 154,888	16,787	16,321	95	82	3 492	42,510	108,934	2,563	2,097
46	33	96 500	11 414,069	189 172,113	16,574	16,108	96	83	2 360	27,423	66,424	2,422	1,956
47	34	96 267	10 870,201	177 758,044	16,353	15,887	97	84	1 528	16,954	39,000	2,300	1,834
48	35	96 006	10 349,132	166 887,844	16,126	15,660	98	85	954	10,108	22,046	2,181	1,715
49	36	95 709	9 849,310	156 538,712	15,893	15,427	99	86	573	5,792	11,938	2,061	1,595
							100	87	325	3,132	6,146	1,962	1,496

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	9 375,068	147 043,676	15,685	15,219
1							51	37	95 076	8 916,933	137 668,608	15,439	14,973
2							52	38	94 688	8 477,844	128 751,675	15,187	14,721
3							53	39	94 257	8 056,600	120 273,831	14,929	14,463
4							54	40	93 771	7 651,565	112 217,231	14,666	14,200
5							55	41	93 242	7 263,411	104 565,666	14,396	13,930
6							56	42	92 644	6 889,559	97 302,255	14,123	13,657
7							57	43	91 983	6 530,213	90 412,696	13,845	13,379
8							58	44	91 251	6 184,477	83 882,483	13,563	13,097
9							59	45	90 460	5 852,892	77 698,006	13,275	12,809
10							60	46	89 578	5 532,975	71 845,115	12,985	12,519
11							61	47	88 617	5 225,415	66 312,140	12,690	12,224
12							62	48	87 564	4 929,207	61 086,725	12,393	11,927
13							63	49	86 404	4 643,324	56 157,518	12,094	11,628
14	0	99 525	51 972,891	1 068 292,744	20,555	20,089	64	50	85 141	4 367,974	51 514,194	11,794	11,328
15	1	99 225	49 466,530	1 016 319,853	20,546	20,080	65	51	83 783	4 103,390	47 146,220	11,490	11,024
16	2	99 188	47 205,577	966 853,323	20,482	20,016	66	52	82 325	3 849,169	43 042,830	11,182	10,716
17	3	99 152	45 048,764	919 647,747	20,414	19,948	67	53	80 764	3 604,928	39 193,661	10,872	10,406
18	4	99 116	42 990,227	874 598,983	20,344	19,878	68	54	79 107	3 370,861	35 588,733	10,558	10,092
19	5	99 068	41 021,171	831 608,756	20,273	19,807	69	55	77 340	3 146,120	32 217,872	10,241	9,775
20	6	99 022	39 142,560	790 587,585	20,198	19,732	70	56	75 474	2 930,984	29 071,753	9,919	9,453
21	7	98 973	37 349,452	751 445,026	20,119	19,653	71	57	73 525	2 725,839	26 140,769	9,590	9,124
22	8	98 929	35 639,683	714 095,573	20,037	19,571	72	58	71 422	2 527,808	23 414,930	9,263	8,797
23	9	98 880	34 006,849	678 455,890	19,951	19,485	73	59	69 255	2 339,948	20 887,123	8,926	8,460
24	10	98 833	32 449,406	644 449,041	19,860	19,394	74	60	66 947	2 159,384	18 547,175	8,589	8,123
25	11	98 783	30 962,042	611 999,635	19,766	19,300	75	61	64 526	1 986,942	16 387,791	8,248	7,782
26	12	98 731	29 542,708	581 037,593	19,668	19,202	76	62	61 969	1 821,663	14 400,849	7,905	7,439
27	13	98 682	28 188,853	551 494,885	19,564	19,098	77	63	59 283	1 663,687	12 579,186	7,561	7,095
28	14	98 629	26 896,371	523 306,032	19,456	18,990	78	64	56 512	1 513,995	10 915,499	7,210	6,744
29	15	98 575	25 662,482	496 409,661	19,344	18,878	79	65	53 585	1 370,476	9 401,504	6,860	6,394
30	16	98 515	24 483,869	470 747,179	19,227	18,761	80	66	50 525	1 233,637	8 031,028	6,510	6,044
31	17	98 450	23 358,292	446 263,310	19,105	18,639	81	67	47 289	1 102,260	6 797,391	6,167	5,701
32	18	98 381	22 283,404	422 905,018	18,978	18,512	82	68	43 933	977,589	5 695,132	5,826	5,360
33	19	98 305	21 256,493	400 621,614	18,847	18,381	83	69	40 466	859,628	4 717,542	5,488	5,022
34	20	98 220	20 275,034	379 365,122	18,711	18,245	84	70	36 839	747,090	3 857,914	5,164	4,698
35	21	98 135	19 338,873	359 090,087	18,568	18,102	85	71	33 118	641,173	3 110,823	4,852	4,386
36	22	98 044	18 444,860	339 751,214	18,420	17,954	86	72	29 332	542,126	2 469,650	4,555	4,089
37	23	97 941	17 589,957	321 306,354	18,266	17,800	87	73	25 581	451,346	1 927,524	4,271	3,805
38	24	97 827	16 772,826	303 716,397	18,108	17,642	88	74	21 907	369,001	1 476,178	4,000	3,534
39	25	97 712	15 993,348	286 943,570	17,941	17,475	89	75	18 352	295,111	1 107,177	3,752	3,286
40	26	97 580	15 247,519	270 950,222	17,770	17,304	90	76	15 013	230,459	812,066	3,524	3,058
41	27	97 442	14 535,498	255 702,704	17,592	17,126	91	77	11 988	175,683	581,607	3,311	2,845
42	28	97 280	13 853,333	241 167,205	17,409	16,943	92	78	9 353	130,849	405,924	3,102	2,636
43	29	97 119	13 203,288	227 313,872	17,216	16,750	93	79	7 061	94,305	275,075	2,917	2,451
44	30	96 940	12 581,365	214 110,584	17,018	16,552	94	80	5 167	65,882	180,771	2,744	2,278
45	31	96 745	11 986,634	201 529,219	16,813	16,347	95	81	3 639	44,300	114,889	2,593	2,127
46	32	96 532	11 417,904	189 542,585	16,600	16,134	96	82	2 476	28,776	70,589	2,453	1,987
47	33	96 301	10 874,009	178 124,681	16,381	15,915	97	83	1 618	17,945	41,813	2,330	1,864
48	34	96 042	10 353,084	167 250,672	16,155	15,689	98	84	1 019	10,797	23,868	2,211	1,745
49	35	95 754	9 853,911	156 897,587	15,922	15,456	99	85	618	6,253	13,071	2,090	1,624
							100	86	355	3,424	6,819	1,991	1,525

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	9 379,448	147 367,646	15,712	15,246
1							51	36	95 121	8 921,187	137 988,198	15,467	15,001
2							52	37	94 736	8 482,127	129 067,011	15,216	14,750
3							53	38	94 310	8 061,067	120 584,884	14,959	14,493
4							54	39	93 832	7 656,547	112 523,817	14,696	14,230
5							55	40	93 301	7 268,013	104 867,270	14,429	13,963
6							56	41	92 712	6 894,612	97 599,257	14,156	13,690
7							57	42	92 057	6 535,486	90 704,645	13,879	13,413
8							58	43	91 333	6 190,021	84 169,159	13,598	13,132
9							59	44	90 546	5 858,433	77 979,138	13,311	12,845
10							60	45	89 674	5 538,933	72 120,705	13,021	12,555
11							61	46	88 722	5 231,610	66 581,773	12,727	12,261
12							62	47	87 678	4 935,620	61 350,163	12,430	11,964
13							63	48	86 535	4 650,380	56 414,542	12,131	11,665
14							64	49	85 285	4 375,343	51 764,163	11,831	11,365
15	0	99 513	49 609,996	1 016 896,242	20,498	20,032	65	50	83 938	4 110,970	47 388,820	11,527	11,061
16	1	99 210	47 216,078	967 286,247	20,486	20,020	66	51	82 497	3 857,178	43 277,850	11,220	10,754
17	2	99 165	45 054,685	920 070,169	20,421	19,955	67	52	80 942	3 612,892	39 420,672	10,911	10,445
18	3	99 126	42 994,513	875 015,484	20,352	19,886	68	53	79 304	3 379,236	35 807,780	10,596	10,130
19	4	99 077	41 024,947	832 020,971	20,281	19,815	69	54	77 553	3 154,809	32 428,543	10,279	9,813
20	5	99 028	39 145,220	790 996,024	20,207	19,741	70	55	75 709	2 940,134	29 273,734	9,957	9,491
21	6	98 981	37 352,180	751 850,804	20,129	19,663	71	56	73 775	2 735,088	26 333,600	9,628	9,162
22	7	98 933	35 641,381	714 498,625	20,047	19,581	72	57	71 692	2 537,339	23 598,512	9,300	8,834
23	8	98 887	34 009,300	678 857,244	19,961	19,495	73	58	69 545	2 349,755	21 061,174	8,963	8,497
24	9	98 839	32 451,131	644 847,944	19,871	19,405	74	59	67 258	2 169,439	18 711,419	8,625	8,159
25	10	98 788	30 963,763	612 396,813	19,778	19,312	75	60	64 859	1 997,181	16 541,980	8,283	7,817
26	11	98 739	29 544,980	581 433,050	19,680	19,214	76	61	62 317	1 831,896	14 544,799	7,940	7,474
27	12	98 688	28 190,634	551 888,069	19,577	19,111	77	62	59 648	1 673,935	12 712,903	7,595	7,129
28	13	98 637	26 898,497	523 697,435	19,469	19,003	78	63	56 896	1 524,299	11 038,969	7,242	6,776
29	14	98 584	25 664,850	496 798,938	19,357	18,891	79	64	53 985	1 380,705	9 514,669	6,891	6,425
30	15	98 526	24 486,704	471 134,089	19,240	18,774	80	65	50 934	1 243,603	8 133,964	6,541	6,075
31	16	98 463	23 361,278	446 647,385	19,119	18,653	81	66	47 707	1 111,998	6 890,361	6,196	5,730
32	17	98 394	22 286,293	423 286,107	18,993	18,527	82	67	44 348	986,824	5 778,363	5,856	5,390
33	18	98 321	21 259,944	400 999,813	18,862	18,396	83	68	40 884	868,491	4 791,539	5,517	5,051
34	19	98 236	20 278,367	379 739,869	18,726	18,260	84	69	37 270	755,817	3 923,049	5,190	4,724
35	20	98 151	19 342,039	359 461,502	18,584	18,118	85	70	33 539	649,324	3 167,231	4,878	4,412
36	21	98 061	18 447,993	340 119,463	18,437	17,971	86	71	29 743	549,720	2 517,908	4,580	4,114
37	22	97 957	17 592,908	321 671,470	18,284	17,818	87	72	25 969	458,195	1 968,188	4,296	3,830
38	23	97 843	16 775,570	304 078,561	18,126	17,660	88	73	22 280	375,282	1 509,993	4,024	3,558
39	24	97 728	15 995,976	287 302,991	17,961	17,495	89	74	18 693	300,580	1 134,711	3,775	3,309
40	25	97 599	15 250,484	271 307,016	17,790	17,324	90	75	15 321	235,191	834,131	3,547	3,081
41	26	97 459	14 538,090	256 056,532	17,613	17,147	91	76	12 259	179,662	598,940	3,334	2,868
42	27	97 300	13 856,239	241 518,442	17,430	16,964	92	77	9 582	134,058	419,278	3,128	2,662
43	28	97 142	13 206,431	227 662,203	17,239	16,773	93	78	7 258	96,942	285,220	2,942	2,476
44	29	96 964	12 584,470	214 455,772	17,041	16,575	94	79	5 331	67,976	188,278	2,770	2,304
45	30	96 772	11 990,025	201 871,302	16,837	16,371	95	80	3 772	45,919	120,302	2,620	2,154
46	31	96 563	11 421,582	189 881,277	16,625	16,159	96	81	2 581	29,988	74,383	2,480	2,014
47	32	96 333	10 877,663	178 459,695	16,406	15,940	97	82	1 697	18,830	44,395	2,358	1,892
48	33	96 076	10 356,712	167 582,032	16,181	15,715	98	83	1 079	11,427	25,565	2,237	1,771
49	34	95 790	9 857,674	157 225,320	15,950	15,484	99	84	661	6,679	14,138	2,117	1,651
							100	85	383	3,697	7,459	2,018	1,552

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	9 383,030	147 663,412	15,737	15,271
1							51	35	95 166	8 925,354	138 280,382	15,493	15,027
2							52	36	94 781	8 486,174	129 355,027	15,243	14,777
3							53	37	94 357	8 065,139	120 868,853	14,987	14,521
4							54	38	93 884	7 660,792	112 803,714	14,725	14,259
5							55	39	93 362	7 272,745	105 142,923	14,457	13,991
6							56	40	92 771	6 898,980	97 870,178	14,186	13,720
7							57	41	92 125	6 540,280	90 971,198	13,909	13,443
8							58	42	91 406	6 195,020	84 430,918	13,629	13,163
9							59	43	90 627	5 863,685	78 235,899	13,342	12,876
10							60	44	89 759	5 544,177	72 372,214	13,054	12,588
11							61	45	88 818	5 237,243	66 828,037	12,760	12,294
12							62	46	87 782	4 941,472	61 590,794	12,464	11,998
13							63	47	86 648	4 656,430	56 649,322	12,166	11,700
14							64	48	85 414	4 381,991	51 992,892	11,865	11,399
15							65	49	84 079	4 117,905	47 610,901	11,562	11,096
16	0	99 497	47 353,017	967 819,283	20,438	19,972	66	50	82 649	3 864,304	43 492,997	11,255	10,789
17	1	99 187	45 064,707	920 466,266	20,425	19,959	67	51	81 111	3 620,410	39 628,693	10,946	10,480
18	2	99 139	43 000,163	875 401,558	20,358	19,892	68	52	79 479	3 386,702	36 008,283	10,632	10,166
19	3	99 087	41 029,038	832 401,395	20,288	19,822	69	53	77 746	3 162,648	32 621,581	10,315	9,849
20	4	99 037	39 148,823	791 372,357	20,214	19,748	70	54	75 918	2 948,255	29 458,933	9,992	9,526
21	5	98 987	37 354,718	752 223,534	20,137	19,671	71	55	74 005	2 743,627	26 510,678	9,663	9,197
22	6	98 941	35 643,983	714 868,816	20,056	19,590	72	56	71 935	2 545,948	23 767,051	9,335	8,869
23	7	98 892	34 010,920	679 224,833	19,971	19,505	73	57	69 807	2 358,614	21 221,103	8,997	8,531
24	8	98 846	32 453,470	645 213,913	19,881	19,415	74	58	67 540	2 178,531	18 862,489	8,658	8,192
25	9	98 793	30 965,409	612 760,443	19,789	19,323	75	59	65 161	2 006,480	16 683,958	8,315	7,849
26	10	98 744	29 546,623	581 795,034	19,691	19,225	76	60	62 638	1 841,336	14 677,478	7,971	7,505
27	11	98 695	28 192,803	552 248,411	19,588	19,122	77	61	59 983	1 683,338	12 836,142	7,625	7,159
28	12	98 643	26 900,197	524 055,609	19,481	19,015	78	62	57 247	1 533,689	11 152,804	7,272	6,806
29	13	98 592	25 666,879	497 155,412	19,370	18,904	79	63	54 352	1 390,103	9 619,115	6,920	6,454
30	14	98 535	24 488,963	471 488,533	19,253	18,787	80	64	51 314	1 252,885	8 229,013	6,568	6,102
31	15	98 474	23 363,983	446 999,571	19,132	18,666	81	65	48 092	1 120,981	6 976,127	6,223	5,757
32	16	98 406	22 289,143	423 635,588	19,006	18,540	82	66	44 739	995,543	5 855,146	5,881	5,415
33	17	98 333	21 262,701	401 346,445	18,876	18,410	83	67	41 270	876,695	4 859,603	5,543	5,077
34	18	98 252	20 281,660	380 083,744	18,740	18,274	84	68	37 654	763,609	3 982,909	5,216	4,750
35	19	98 167	19 345,219	359 802,084	18,599	18,133	85	69	33 931	656,909	3 219,300	4,901	4,435
36	20	98 077	18 451,013	340 456,866	18,452	17,986	86	70	30 121	556,708	2 562,391	4,603	4,137
37	21	97 974	17 595,896	322 005,853	18,300	17,834	87	71	26 333	464,613	2 005,684	4,317	3,851
38	22	97 860	16 778,385	304 409,956	18,143	17,677	88	72	22 618	380,977	1 541,070	4,045	3,579
39	23	97 744	15 998,592	287 631,571	17,979	17,513	89	73	19 011	305,696	1 160,093	3,795	3,329
40	24	97 615	15 252,989	271 632,979	17,809	17,342	90	74	15 605	239,549	854,398	3,567	3,101
41	25	97 478	14 540,917	256 379,989	17,632	17,166	91	75	12 511	183,351	614,849	3,353	2,887
42	26	97 318	13 858,710	241 839,073	17,450	16,984	92	76	9 799	137,095	431,498	3,147	2,681
43	27	97 163	13 209,201	227 980,363	17,259	16,793	93	77	7 436	99,320	294,403	2,964	2,498
44	28	96 987	12 587,466	214 771,162	17,062	16,596	94	78	5 480	69,877	195,084	2,792	2,326
45	29	96 796	11 992,984	202 183,696	16,858	16,392	95	79	3 892	47,379	125,206	2,643	2,177
46	30	96 591	11 424,813	190 190,712	16,647	16,181	96	80	2 675	31,084	77,828	2,504	2,038
47	31	96 364	10 881,167	178 765,899	16,429	15,963	97	81	1 769	19,623	46,743	2,382	1,916
48	32	96 108	10 360,192	167 884,732	16,205	15,739	98	82	1 132	11,991	27,121	2,262	1,796
49	33	95 824	9 861,128	157 524,540	15,974	15,508	99	83	699	7,069	15,130	2,140	1,674
							100	84	409	3,949	8,061	2,041	1,575

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	9 386,318	147 933,359	15,761	15,295
1							51	34	95 202	8 928,763	138 547,042	15,517	15,051
2							52	35	94 825	8 490,138	129 618,278	15,267	14,801
3							53	36	94 402	8 068,987	121 128,140	15,012	14,546
4							54	37	93 931	7 664,662	113 059,153	14,751	14,285
5							55	38	93 414	7 276,777	105 394,491	14,484	14,018
6							56	39	92 831	6 903,472	98 117,714	14,213	13,747
7							57	40	92 183	6 544,423	91 214,243	13,938	13,472
8							58	41	91 473	6 199,563	84 669,820	13,657	13,191
9							59	42	90 700	5 868,420	78 470,256	13,372	12,906
10							60	43	89 840	5 549,147	72 601,836	13,083	12,617
11							61	44	88 902	5 242,202	67 052,689	12,791	12,325
12							62	45	87 877	4 946,793	61 810,488	12,495	12,029
13							63	46	86 750	4 661,951	56 863,695	12,197	11,731
14							64	47	85 525	4 387,692	52 201,744	11,897	11,431
15							65	48	84 207	4 124,161	47 814,052	11,594	11,128
16							66	49	82 788	3 870,822	43 689,891	11,287	10,821
17	0	99 475	45 195,407	920 959,312	20,377	19,911	67	50	81 260	3 627,098	39 819,068	10,978	10,512
18	1	99 161	43 009,729	875 763,905	20,362	19,896	68	51	79 644	3 393,749	36 191,970	10,664	10,198
19	2	99 100	41 034,430	832 754,176	20,294	19,828	69	52	77 918	3 169,635	32 798,221	10,348	9,882
20	3	99 047	39 152,727	791 719,746	20,221	19,755	70	53	76 107	2 955,580	29 628,586	10,025	9,559
21	4	98 997	37 358,157	752 567,019	20,145	19,679	71	54	74 209	2 751,204	26 673,006	9,695	9,229
22	5	98 947	35 646,405	715 208,862	20,064	19,598	72	55	72 160	2 553,897	23 921,801	9,367	8,901
23	6	98 899	34 013,404	679 562,457	19,979	19,513	73	56	70 044	2 366,617	21 367,904	9,029	8,563
24	7	98 850	32 455,016	645 549,054	19,891	19,425	74	57	67 795	2 186,745	19 001,287	8,689	8,223
25	8	98 800	30 967,641	613 094,038	19,798	19,332	75	58	65 434	2 014,889	16 814,542	8,345	7,879
26	9	98 750	29 548,193	582 126,397	19,701	19,235	76	59	62 930	1 849,910	14 799,653	8,000	7,534
27	10	98 701	28 194,370	552 578,204	19,599	19,133	77	60	60 293	1 692,013	12 949,743	7,653	7,187
28	11	98 651	26 902,265	524 383,834	19,492	19,026	78	61	57 568	1 542,304	11 257,731	7,299	6,833
29	12	98 598	25 668,501	497 481,568	19,381	18,915	79	62	54 687	1 398,665	9 715,427	6,946	6,480
30	13	98 543	24 490,899	471 813,068	19,265	18,799	80	63	51 663	1 261,413	8 316,761	6,593	6,127
31	14	98 483	23 366,139	447 322,169	19,144	18,678	81	64	48 451	1 129,349	7 055,349	6,247	5,781
32	15	98 418	22 291,724	423 956,031	19,019	18,553	82	65	45 101	1 003,585	5 926,000	5,905	5,439
33	16	98 346	21 265,419	401 664,307	18,888	18,422	83	66	41 634	884,440	4 922,415	5,566	5,100
34	17	98 265	20 284,290	380 398,888	18,753	18,287	84	67	38 010	770,822	4 037,975	5,239	4,773
35	18	98 183	19 348,360	360 114,598	18,612	18,146	85	68	34 281	663,681	3 267,152	4,923	4,457
36	19	98 093	18 454,046	340 766,239	18,466	18,000	86	69	30 473	563,211	2 603,472	4,623	4,157
37	20	97 990	17 598,777	322 312,192	18,314	17,848	87	70	26 667	470,519	2 040,261	4,336	3,870
38	21	97 876	16 781,235	304 713,416	18,158	17,692	88	71	22 935	386,313	1 569,742	4,063	3,597
39	22	97 760	16 001,277	287 932,181	17,994	17,528	89	72	19 299	310,335	1 183,429	3,813	3,347
40	23	97 631	15 255,484	271 930,904	17,825	17,359	90	73	15 870	243,626	873,094	3,584	3,118
41	24	97 494	14 543,306	256 675,420	17,649	17,183	91	74	12 743	186,748	629,468	3,371	2,905
42	25	97 337	13 861,404	242 132,114	17,468	17,002	92	75	10 000	139,910	442,720	3,164	2,698
43	26	97 180	13 211,556	228 270,709	17,278	16,812	93	76	7 605	101,569	302,810	2,981	2,515
44	27	97 008	12 590,107	215 059,153	17,082	16,616	94	77	5 615	71,591	201,241	2,811	2,345
45	28	96 819	11 995,839	202 469,047	16,878	16,412	95	78	4 001	48,704	129,650	2,662	2,196
46	29	96 614	11 427,633	190 473,207	16,668	16,202	96	79	2 760	32,072	80,946	2,524	2,058
47	30	96 391	10 884,245	179 045,575	16,450	15,984	97	80	1 834	20,340	48,873	2,403	1,937
48	31	96 139	10 363,529	168 161,330	16,226	15,760	98	81	1 180	12,496	28,533	2,283	1,817
49	32	95 856	9 864,442	157 797,801	15,997	15,531	99	82	734	7,418	16,037	2,162	1,696
							100	83	433	4,179	8,620	2,063	1,597

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	9 389,472	148 179,810	15,781	15,315
1							51	33	95 236	8 931,891	138 790,338	15,539	15,073
2							52	34	94 862	8 493,381	129 858,446	15,289	14,823
3							53	35	94 446	8 072,756	121 365,065	15,034	14,568
4							54	36	93 976	7 668,319	113 292,309	14,774	14,308
5							55	37	93 461	7 280,453	105 623,991	14,508	14,042
6							56	38	92 883	6 907,299	98 343,537	14,238	13,772
7							57	39	92 243	6 548,684	91 436,238	13,963	13,497
8							58	40	91 531	6 203,491	84 887,554	13,684	13,218
9							59	41	90 767	5 872,724	78 684,063	13,398	12,932
10							60	42	89 912	5 553,628	72 811,339	13,111	12,645
11							61	43	88 981	5 246,901	67 257,711	12,819	12,353
12							62	44	87 960	4 951,476	62 010,810	12,524	12,058
13							63	45	86 844	4 666,971	57 059,334	12,226	11,760
14							64	46	85 627	4 392,894	52 392,363	11,927	11,461
15							65	47	84 316	4 129,527	47 999,469	11,623	11,157
16							66	48	82 914	3 876,704	43 869,942	11,316	10,850
17							67	49	81 398	3 633,217	39 993,238	11,008	10,542
18	0	99 448	43 134,469	876 220,062	20,314	19,848	68	50	79 791	3 400,019	36 360,021	10,694	10,228
19	1	99 122	41 043,558	833 085,593	20,298	19,832	69	51	78 080	3 176,230	32 960,003	10,377	9,911
20	2	99 060	39 157,872	792 042,035	20,227	19,761	70	52	76 275	2 962,110	29 783,772	10,055	9,589
21	3	99 006	37 361,882	752 884,162	20,151	19,685	71	53	74 394	2 758,040	26 821,662	9,725	9,259
22	4	98 957	35 649,687	715 522,281	20,071	19,605	72	54	72 359	2 560,950	24 063,622	9,396	8,930
23	5	98 906	34 015,715	679 872,594	19,987	19,521	73	55	70 263	2 374,006	21 502,671	9,058	8,592
24	6	98 858	32 457,385	645 856,879	19,899	19,433	74	56	68 025	2 194,165	19 128,665	8,718	8,252
25	7	98 805	30 969,116	613 399,494	19,807	19,341	75	57	65 681	2 022,486	16 934,501	8,373	7,907
26	8	98 757	29 550,323	582 430,378	19,710	19,244	76	58	63 194	1 857,663	14 912,014	8,027	7,561
27	9	98 706	28 195,869	552 880,055	19,609	19,143	77	59	60 573	1 699,891	13 054,351	7,680	7,214
28	10	98 657	26 903,761	524 684,186	19,502	19,036	78	60	57 865	1 550,252	11 354,461	7,324	6,858
29	11	98 605	25 670,475	497 780,425	19,391	18,925	79	61	54 994	1 406,522	9 804,209	6,971	6,505
30	12	98 549	24 492,446	472 109,950	19,276	18,810	80	62	51 981	1 269,183	8 397,687	6,617	6,151
31	13	98 491	23 367,986	447 617,504	19,155	18,689	81	63	48 781	1 137,035	7 128,504	6,269	5,803
32	14	98 427	22 293,780	424 249,518	19,030	18,564	82	64	45 437	1 011,076	5 991,469	5,926	5,460
33	15	98 357	21 267,881	401 955,738	18,900	18,434	83	65	41 971	891,585	4 980,393	5,586	5,120
34	16	98 277	20 286,883	380 687,856	18,765	18,299	84	66	38 345	777,633	4 088,808	5,258	4,792
35	17	98 195	19 350,868	360 400,973	18,625	18,159	85	67	34 605	669,950	3 311,175	4,942	4,476
36	18	98 109	18 457,042	341 050,105	18,478	18,012	86	68	30 787	569,017	2 641,225	4,642	4,176
37	19	98 006	17 601,670	322 593,063	18,327	17,861	87	69	26 979	476,015	2 072,208	4,353	3,887
38	20	97 892	16 783,982	304 991,393	18,172	17,706	88	70	23 226	391,224	1 596,193	4,080	3,614
39	21	97 777	16 003,994	288 207,411	18,008	17,542	89	71	19 570	314,682	1 204,969	3,829	3,363
40	22	97 647	15 258,044	272 203,416	17,840	17,374	90	72	16 111	247,323	890,287	3,600	3,134
41	23	97 510	14 545,685	256 945,372	17,665	17,199	91	73	12 960	189,927	642,964	3,385	2,919
42	24	97 353	13 863,682	242 399,687	17,485	17,019	92	74	10 186	142,502	453,037	3,179	2,713
43	25	97 199	13 214,125	228 536,006	17,295	16,829	93	75	7 761	103,655	310,535	2,996	2,530
44	26	97 025	12 592,351	215 321,880	17,099	16,633	94	76	5 742	73,213	206,880	2,826	2,360
45	27	96 840	11 998,356	202 729,529	16,896	16,430	95	77	4 099	49,898	133,668	2,679	2,213
46	28	96 637	11 430,353	190 731,173	16,686	16,220	96	78	2 837	32,969	83,769	2,541	2,075
47	29	96 415	10 886,931	179 300,820	16,469	16,003	97	79	1 892	20,987	50,800	2,421	1,955
48	30	96 167	10 366,460	168 413,889	16,246	15,780	98	80	1 223	12,953	29,813	2,302	1,836
49	31	95 887	9 867,619	158 047,429	16,017	15,551	99	81	765	7,730	16,861	2,181	1,715
							100	82	454	4,385	9,131	2,082	1,616

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	9 392,496	148 404,878	15,800	15,334
1							51	32	95 268	8 934,893	139 012,382	15,558	15,092
2							52	33	94 895	8 496,357	130 077,489	15,310	14,844
3							53	34	94 482	8 075,839	121 581,132	15,055	14,589
4							54	35	94 020	7 671,901	113 505,293	14,795	14,329
5							55	36	93 506	7 283,926	105 833,392	14,530	14,064
6							56	37	92 929	6 910,789	98 549,465	14,260	13,794
7							57	38	92 294	6 552,315	91 638,677	13,986	13,520
8							58	39	91 591	6 207,530	85 086,362	13,707	13,241
9							59	40	90 824	5 876,445	78 878,832	13,423	12,957
10							60	41	89 978	5 557,701	73 002,387	13,135	12,669
11							61	42	89 053	5 251,138	67 444,686	12,844	12,378
12							62	43	88 039	4 955,915	62 193,548	12,549	12,083
13							63	44	86 926	4 671,389	57 237,632	12,253	11,787
14							64	45	85 719	4 397,624	52 566,243	11,953	11,487
15							65	46	84 416	4 134,423	48 168,619	11,651	11,185
16							66	47	83 022	3 881,748	44 034,196	11,344	10,878
17							67	48	81 521	3 638,737	40 152,448	11,035	10,569
18							68	49	79 926	3 405,754	36 513,711	10,721	10,255
19	0	99 410	41 162,595	833 507,705	20,249	19,783	69	50	78 224	3 182,098	33 107,957	10,404	9,938
20	1	99 082	39 166,584	792 345,110	20,230	19,764	70	51	76 434	2 968,274	29 925,859	10,082	9,616
21	2	99 019	37 366,792	753 178,527	20,156	19,690	71	52	74 558	2 764,134	26 957,585	9,753	9,287
22	3	98 966	35 653,241	715 811,735	20,077	19,611	72	53	72 539	2 567,314	24 193,452	9,424	8,958
23	4	98 915	34 018,846	680 158,493	19,994	19,528	73	54	70 457	2 380,563	21 626,138	9,084	8,618
24	5	98 864	32 459,591	646 139,647	19,906	19,440	74	55	68 237	2 201,015	19 245,575	8,744	8,278
25	6	98 812	30 971,377	613 680,056	19,814	19,348	75	56	65 904	2 029,349	17 044,560	8,399	7,933
26	7	98 762	29 551,730	582 708,679	19,718	19,252	76	57	63 432	1 864,667	15 015,212	8,052	7,586
27	8	98 713	28 197,901	553 156,948	19,617	19,151	77	58	60 827	1 707,015	13 150,544	7,704	7,238
28	9	98 662	26 905,191	524 959,048	19,511	19,045	78	59	58 135	1 557,470	11 443,529	7,348	6,882
29	10	98 611	25 671,902	498 053,856	19,401	18,935	79	60	55 277	1 413,770	9 886,059	6,993	6,527
30	11	98 557	24 494,330	472 381,954	19,285	18,819	80	61	52 273	1 276,312	8 472,289	6,638	6,172
31	12	98 497	23 369,462	447 887,624	19,166	18,699	81	62	49 081	1 144,039	7 195,977	6,290	5,824
32	13	98 434	22 295,543	424 518,162	19,040	18,574	82	63	45 747	1 017,957	6 051,938	5,945	5,479
33	14	98 367	21 269,844	402 222,619	18,910	18,444	83	64	42 284	898,240	5 033,981	5,604	5,138
34	15	98 288	20 289,232	380 952,776	18,776	18,310	84	65	38 655	783,915	4 135,741	5,276	4,810
35	16	98 208	19 353,343	360 663,544	18,636	18,170	85	66	34 910	675,869	3 351,826	4,959	4,493
36	17	98 121	18 459,436	341 310,201	18,490	18,024	86	67	31 078	574,392	2 675,957	4,659	4,193
37	18	98 022	17 604,527	322 850,766	18,339	17,873	87	68	27 257	480,923	2 101,565	4,370	3,904
38	19	97 908	16 786,741	305 246,238	18,184	17,718	88	69	23 498	395,794	1 620,642	4,095	3,629
39	20	97 793	16 006,614	288 459,497	18,021	17,555	89	70	19 818	318,682	1 224,848	3,843	3,377
40	21	97 664	15 260,636	272 452,883	17,853	17,387	90	71	16 337	250,788	906,166	3,613	3,147
41	22	97 526	14 548,126	257 192,247	17,679	17,213	91	72	13 157	192,809	655,379	3,399	2,933
42	23	97 369	13 865,950	242 644,122	17,499	17,033	92	73	10 359	144,928	462,570	3,192	2,726
43	24	97 215	13 216,296	228 778,172	17,310	16,844	93	74	7 905	105,576	317,642	3,009	2,543
44	25	97 044	12 594,800	215 561,876	17,115	16,649	94	75	5 860	74,716	212,067	2,838	2,372
45	26	96 857	12 000,495	202 967,076	16,913	16,447	95	76	4 192	51,029	137,351	2,692	2,226
46	27	96 658	11 432,751	190 966,581	16,703	16,237	96	77	2 907	33,778	86,322	2,556	2,090
47	28	96 438	10 889,523	179 533,830	16,487	16,021	97	78	1 945	21,574	52,544	2,436	1,970
48	29	96 190	10 369,019	168 644,307	16,264	15,798	98	79	1 262	13,364	30,971	2,317	1,851
49	30	95 914	9 870,410	158 275,288	16,035	15,569	99	80	793	8,012	17,606	2,197	1,731
							100	81	474	4,570	9,594	2,099	1,633

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	30	95 632	9 395,153	148 610,250	15,818	15,352
							51	31	95 298	8 937,771	139 215,097	15,576	15,110
							52	32	94 927	8 499,212	130 277,326	15,328	14,862
							53	33	94 516	8 078,669	121 778,114	15,074	14,608
							54	34	94 056	7 674,831	113 699,445	14,815	14,349
							55	35	93 549	7 287,329	106 024,614	14,549	14,083
							56	36	92 974	6 914,086	98 737,285	14,281	13,815
							57	37	92 341	6 555,625	91 823,200	14,007	13,541
							58	38	91 642	6 210,972	85 267,575	13,729	13,263
							59	39	90 884	5 880,271	79 056,603	13,444	12,978
							60	40	90 035	5 561,222	73 176,332	13,158	12,692
							61	41	89 118	5 254,990	67 615,110	12,867	12,401
							62	42	88 110	4 959,917	62 360,120	12,573	12,107
							63	43	87 004	4 675,577	57 400,203	12,277	11,811
							64	44	85 800	4 401,788	52 724,626	11,978	11,512
							65	45	84 507	4 138,875	48 322,838	11,675	11,209
							66	46	83 120	3 886,350	44 183,963	11,369	10,903
							67	47	81 627	3 643,471	40 297,613	11,060	10,594
							68	48	80 047	3 410,929	36 654,142	10,746	10,280
							69	49	78 356	3 187,466	33 243,213	10,429	9,963
20	0	99 370	39 280,177	792 735,812	20,182	19,716	70	50	76 575	2 973,757	30 055,747	10,107	9,641
21	1	99 041	37 375,104	753 455,636	20,159	19,693	71	51	74 713	2 769,885	27 081,990	9,777	9,311
22	2	98 979	35 657,927	716 080,531	20,082	19,616	72	52	72 699	2 572,985	24 312,105	9,449	8,983
23	3	98 925	34 022,238	680 422,604	19,999	19,533	73	53	70 632	2 386,478	21 739,119	9,109	8,643
24	4	98 873	32 462,579	646 400,366	19,912	19,446	74	54	68 426	2 207,094	19 352,641	8,768	8,302
25	5	98 819	30 973,482	613 937,787	19,821	19,355	75	55	66 109	2 035,685	17 145,547	8,422	7,956
26	6	98 769	29 553,888	582 964,305	19,725	19,259	76	56	63 647	1 870,994	15 109,863	8,076	7,610
27	7	98 718	28 199,244	553 410,417	19,625	19,159	77	57	61 057	1 713,451	13 238,869	7,726	7,260
28	8	98 669	26 907,130	525 211,173	19,519	19,053	78	58	58 378	1 563,997	11 525,418	7,369	6,903
29	9	98 616	25 673,267	498 304,042	19,409	18,943	79	59	55 535	1 420,353	9 961,420	7,013	6,547
30	10	98 562	24 495,692	472 630,776	19,294	18,828	80	60	52 543	1 282,889	8 541,067	6,658	6,192
31	11	98 505	23 371,260	448 135,084	19,175	18,709	81	61	49 357	1 150,465	7 258,178	6,309	5,843
32	12	98 441	22 296,952	424 763,824	19,050	18,584	82	62	46 029	1 024,228	6 107,712	5,963	5,497
33	13	98 374	21 271,525	402 466,872	18,920	18,454	83	63	42 572	904,354	5 083,485	5,621	5,155
34	14	98 298	20 291,104	381 195,348	18,786	18,320	84	64	38 944	789,766	4 179,131	5,292	4,826
35	15	98 219	19 355,583	360 904,244	18,646	18,180	85	65	35 192	681,329	3 389,365	4,975	4,509
36	16	98 134	18 461,796	341 548,660	18,500	18,034	86	66	31 353	579,467	2 708,036	4,673	4,207
37	17	98 035	17 606,810	323 086,865	18,350	17,884	87	67	27 514	485,466	2 128,569	4,385	3,919
38	18	97 924	16 789,466	305 480,054	18,195	17,729	88	68	23 740	399,874	1 643,103	4,109	3,643
39	19	97 809	16 009,246	288 690,588	18,033	17,567	89	69	20 050	322,404	1 243,229	3,856	3,390
40	20	97 680	15 263,134	272 681,342	17,865	17,399	90	70	16 545	253,975	920,825	3,626	3,160
41	21	97 543	14 550,596	257 418,208	17,691	17,225	91	71	13 341	195,510	666,849	3,411	2,945
42	22	97 385	13 868,277	242 867,612	17,512	17,046	92	72	10 516	147,127	471,340	3,204	2,738
43	23	97 231	13 218,458	228 999,336	17,324	16,858	93	73	8 039	107,373	324,213	3,020	2,554
44	24	97 060	12 596,869	215 780,877	17,130	16,664	94	74	5 969	76,100	216,840	2,849	2,383
45	25	96 876	12 002,828	203 184,008	16,928	16,462	95	75	4 278	52,076	140,740	2,703	2,237
46	26	96 675	11 434,789	191 181,180	16,719	16,253	96	76	2 973	34,543	88,664	2,567	2,101
47	27	96 458	10 891,808	179 746,391	16,503	16,037	97	77	1 992	22,103	54,121	2,449	1,983
48	28	96 213	10 371,487	168 854,583	16,281	15,815	98	78	1 297	13,738	32,018	2,331	1,865
49	29	95 938	9 872,846	158 483,096	16,052	15,586	99	79	818	8,267	18,280	2,211	1,745
							100	80	491	4,737	10,012	2,114	1,648

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	9 397,472	148 797,478	15,834	15,368
1							51	30	95 325	8 940,299	139 400,006	15,592	15,126
2							52	31	94 957	8 501,949	130 459,707	15,345	14,879
3							53	32	94 547	8 081,383	121 957,758	15,091	14,625
4							54	33	94 089	7 677,520	113 876,375	14,832	14,366
5							55	34	93 585	7 290,113	106 198,855	14,568	14,102
6							56	35	93 017	6 917,315	98 908,742	14,299	13,833
7							57	36	92 385	6 558,752	91 991,427	14,026	13,560
8							58	37	91 688	6 214,109	85 432,674	13,748	13,282
9							59	38	90 934	5 883,531	79 218,565	13,464	12,998
10							60	39	90 094	5 564,843	73 335,034	13,178	12,712
11							61	40	89 175	5 258,319	67 770,191	12,888	12,422
12							62	41	88 174	4 963,555	62 511,872	12,594	12,128
13							63	42	87 074	4 679,353	57 548,317	12,298	11,832
14							64	43	85 877	4 405,734	52 868,964	12,000	11,534
15							65	44	84 587	4 142,794	48 463,230	11,698	11,232
16							66	45	83 210	3 890,535	44 320,436	11,392	10,926
17							67	46	81 724	3 647,791	40 429,902	11,083	10,617
18							68	47	80 151	3 415,367	36 782,111	10,770	10,304
19							69	48	78 475	3 192,309	33 366,744	10,452	9,986
20							70	49	76 704	2 978,774	30 174,435	10,130	9,664
21	0	99 329	37 483,502	753 817,357	20,111	19,645	71	50	74 851	2 775,002	27 195,662	9,800	9,334
22	1	99 001	35 665,860	716 333,855	20,085	19,619	72	51	72 850	2 578,339	24 420,660	9,471	9,005
23	2	98 938	34 026,709	680 667,995	20,004	19,538	73	52	70 788	2 391,750	21 842,320	9,132	8,666
24	3	98 883	32 465,816	646 641,286	19,918	19,452	74	53	68 596	2 212,578	19 450,570	8,791	8,325
25	4	98 828	30 976,333	614 175,470	19,827	19,361	75	54	66 292	2 041,307	17 237,992	8,445	7,979
26	5	98 775	29 555,896	583 199,136	19,732	19,266	76	55	63 846	1 876,835	15 196,685	8,097	7,631
27	6	98 725	28 201,303	553 643,240	19,632	19,166	77	56	61 264	1 719,265	13 319,849	7,747	7,281
28	7	98 674	26 908,412	525 441,937	19,527	19,061	78	57	58 598	1 569,894	11 600,584	7,389	6,923
29	8	98 623	25 675,117	498 533,525	19,417	18,951	79	58	55 767	1 426,306	10 030,690	7,033	6,567
30	9	98 568	24 496,994	472 858,408	19,303	18,837	80	59	52 787	1 288,863	8 604,384	6,676	6,210
31	10	98 510	23 372,559	448 361,414	19,183	18,717	81	60	49 612	1 156,394	7 315,522	6,326	5,860
32	11	98 448	22 298,666	424 988,855	19,059	18,593	82	61	46 287	1 029,981	6 159,128	5,980	5,514
33	12	98 381	21 272,869	402 690,188	18,930	18,464	83	62	42 834	909,924	5 129,146	5,637	5,171
34	13	98 305	20 292,708	381 417,319	18,796	18,330	84	63	39 209	795,141	4 219,222	5,306	4,840
35	14	98 228	19 357,369	361 124,611	18,656	18,190	85	64	35 455	686,415	3 424,081	4,988	4,522
36	15	98 145	18 463,933	341 767,242	18,510	18,044	86	65	31 606	584,148	2 737,666	4,687	4,221
37	16	98 047	17 609,061	323 303,309	18,360	17,894	87	66	27 757	489,755	2 153,518	4,397	3,931
38	17	97 937	16 791,643	305 694,248	18,205	17,739	88	67	23 964	403,652	1 663,763	4,122	3,656
39	18	97 825	16 011,845	288 902,604	18,043	17,577	89	68	20 256	325,728	1 260,112	3,869	3,403
40	19	97 696	15 265,643	272 890,759	17,876	17,410	90	69	16 738	256,942	934,384	3,637	3,171
41	20	97 559	14 552,978	257 625,116	17,703	17,237	91	70	13 510	197,995	677,442	3,422	2,956
42	21	97 401	13 870,632	243 072,138	17,524	17,058	92	71	10 664	149,188	479,447	3,214	2,748
43	22	97 247	13 220,676	229 201,506	17,337	16,871	93	72	8 161	109,002	330,259	3,030	2,564
44	23	97 076	12 598,930	215 980,830	17,143	16,677	94	73	6 070	77,396	221,257	2,859	2,393
45	24	96 892	12 004,800	203 381,900	16,942	16,476	95	74	4 358	53,041	143,861	2,712	2,246
46	25	96 694	11 437,013	191 377,100	16,733	16,267	96	75	3 034	35,252	90,820	2,576	2,110
47	26	96 475	10 893,749	179 940,087	16,518	16,052	97	76	2 038	22,603	55,568	2,458	1,992
48	27	96 233	10 373,663	169 046,338	16,296	15,830	98	77	1 329	14,075	32,964	2,342	1,876
49	28	95 961	9 875,197	158 672,675	16,068	15,602	99	78	841	8,498	18,889	2,223	1,757
							100	79	506	4,888	10,391	2,126	1,660

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	28	95 679	9 399,709	148 968,225	15,848	15,382
							51	29	95 349	8 942,506	139 568,516	15,607	15,141
							52	30	94 984	8 504,354	130 626,010	15,360	14,894
							53	31	94 578	8 083,987	122 121,656	15,107	14,641
							54	32	94 121	7 680,100	114 037,669	14,848	14,382
							55	33	93 618	7 292,667	106 357,570	14,584	14,118
							56	34	93 053	6 919,957	99 064,903	14,316	13,850
							57	35	92 428	6 561,816	92 144,946	14,043	13,577
							58	36	91 732	6 217,074	85 583,129	13,766	13,300
							59	37	90 980	5 886,503	79 366,055	13,483	13,017
							60	38	90 144	5 567,928	73 479,552	13,197	12,731
							61	39	89 233	5 261,743	67 911,624	12,907	12,441
							62	40	88 230	4 966,700	62 649,881	12,614	12,148
							63	41	87 138	4 682,785	57 683,181	12,318	11,852
							64	42	85 946	4 409,292	53 000,397	12,020	11,554
							65	43	84 663	4 146,508	48 591,105	11,719	11,253
							66	44	83 289	3 894,218	44 444,597	11,413	10,947
							67	45	81 812	3 651,719	40 550,379	11,104	10,638
							68	46	80 246	3 419,416	36 898,660	10,791	10,325
							69	47	78 577	3 196,462	33 479,244	10,474	10,008
							70	48	76 821	2 983,300	30 282,782	10,151	9,685
							71	49	74 978	2 779,683	27 299,483	9,821	9,355
22	0	99 289	35 769,300	716 668,836	20,036	19,570	72	50	72 985	2 583,102	24 519,799	9,492	9,026
23	1	98 960	34 034,279	680 899,537	20,006	19,540	73	51	70 935	2 396,727	21 936,697	9,153	8,687
24	2	98 896	32 470,083	646 865,258	19,922	19,456	74	52	68 747	2 217,466	19 539,970	8,812	8,346
25	3	98 838	30 979,422	614 395,175	19,832	19,366	75	53	66 457	2 046,379	17 322,504	8,465	7,999
26	4	98 785	29 558,617	583 415,753	19,738	19,272	76	54	64 022	1 882,019	15 276,125	8,117	7,651
27	5	98 732	28 203,219	553 857,136	19,638	19,172	77	55	61 455	1 724,633	13 394,105	7,766	7,300
28	6	98 681	26 910,377	525 653,916	19,534	19,067	78	56	58 797	1 575,221	11 669,473	7,408	6,942
29	7	98 628	25 676,340	498 743,540	19,424	18,958	79	57	55 978	1 431,683	10 094,251	7,051	6,585
30	8	98 575	24 498,760	473 067,200	19,310	18,844	80	58	53 008	1 294,264	8 662,568	6,693	6,227
31	9	98 515	23 373,801	448 568,440	19,191	18,725	81	59	49 843	1 161,778	7 368,304	6,342	5,876
32	10	98 454	22 299,906	425 194,639	19,067	18,601	82	60	46 526	1 035,289	6 206,525	5,995	5,529
33	11	98 388	21 274,505	402 894,732	18,938	18,472	83	61	43 075	915,036	5 171,236	5,651	5,185
34	12	98 312	20 293,990	381 620,227	18,805	18,339	84	62	39 450	800,039	4 256,201	5,320	4,854
35	13	98 236	19 358,899	361 326,237	18,665	18,199	85	63	35 696	691,086	3 456,162	5,001	4,535
36	14	98 154	18 465,637	341 967,338	18,519	18,053	86	64	31 842	588,508	2 765,075	4,698	4,232
37	15	98 059	17 611,100	323 501,701	18,369	17,903	87	65	27 982	493,711	2 176,567	4,409	3,943
38	16	97 949	16 793,790	305 890,601	18,215	17,748	88	66	24 176	407,218	1 682,856	4,133	3,667
39	17	97 837	16 013,921	289 096,810	18,053	17,587	89	67	20 448	328,805	1 275,638	3,880	3,414
40	18	97 712	15 268,121	273 082,889	17,886	17,420	90	68	16 910	259,591	946,833	3,647	3,181
41	19	97 575	14 555,371	257 814,768	17,713	17,247	91	69	13 668	200,308	687,242	3,431	2,965
42	20	97 417	13 872,902	243 259,397	17,535	17,069	92	70	10 799	151,084	486,934	3,223	2,757
43	21	97 264	13 222,922	229 386,495	17,348	16,882	93	71	8 276	110,529	335,850	3,039	2,573
44	22	97 092	12 601,044	216 163,573	17,154	16,688	94	72	6 162	78,570	225,321	2,868	2,402
45	23	96 908	12 006,764	203 562,529	16,954	16,488	95	73	4 432	53,944	146,751	2,720	2,254
46	24	96 710	11 438,892	191 555,765	16,746	16,280	96	74	3 090	35,905	92,807	2,585	2,119
47	25	96 494	10 895,868	180 116,873	16,531	16,065	97	75	2 079	23,068	56,901	2,467	2,001
48	26	96 251	10 375,512	169 221,006	16,310	15,844	98	76	1 359	14,394	33,834	2,351	1,885
49	27	95 981	9 877,268	158 845,493	16,082	15,616	99	77	861	8,707	19,440	2,233	1,767
							100	78	521	5,024	10,733	2,136	1,670

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	9 401,681	149 123,820	15,861	15,395
1							51	28	95 371	8 944,634	139 722,139	15,621	15,155
2							52	29	95 008	8 506,453	130 777,505	15,374	14,908
3							53	30	94 605	8 086,273	122 271,052	15,121	14,655
4							54	31	94 151	7 682,574	114 184,779	14,863	14,397
5							55	32	93 649	7 295,117	106 502,205	14,599	14,133
6							56	33	93 085	6 922,382	99 207,088	14,331	13,865
7							57	34	92 463	6 564,323	92 284,706	14,059	13,593
8							58	35	91 775	6 219,978	85 720,383	13,781	13,315
9							59	36	91 023	5 889,311	79 500,405	13,499	13,033
10							60	37	90 189	5 570,741	73 611,094	13,214	12,748
11							61	38	89 282	5 264,660	68 040,352	12,924	12,458
12							62	39	88 288	4 969,934	62 775,693	12,631	12,165
13							63	40	87 193	4 685,751	57 805,759	12,336	11,870
14							64	41	86 009	4 412,526	53 120,008	12,038	11,572
15							65	42	84 732	4 149,856	48 707,482	11,737	11,271
16							66	43	83 363	3 897,709	44 557,626	11,432	10,966
17							67	44	81 890	3 655,176	40 659,917	11,124	10,658
18							68	45	80 333	3 423,098	37 004,741	10,810	10,344
19							69	46	78 671	3 200,252	33 581,643	10,493	10,027
20							70	47	76 921	2 987,181	30 381,391	10,171	9,705
21							71	48	75 092	2 783,907	27 394,210	9,840	9,374
22							72	49	73 108	2 587,460	24 610,303	9,511	9,045
23	0	99 247	34 132,987	681 209,845	19,958	19,492	73	50	71 066	2 401,155	22 022,843	9,172	8,706
24	1	98 918	32 477,306	647 076,858	19,924	19,458	74	51	68 890	2 222,080	19 621,688	8,830	8,364
25	2	98 851	30 983,493	614 599,552	19,836	19,370	75	52	66 603	2 050,900	17 399,608	8,484	8,018
26	3	98 794	29 561,565	583 616,059	19,742	19,276	76	53	64 181	1 886,695	15 348,708	8,135	7,669
27	4	98 741	28 205,816	554 054,494	19,643	19,177	77	54	61 625	1 729,396	13 462,012	7,784	7,318
28	5	98 688	26 912,205	525 848,678	19,539	19,073	78	55	58 981	1 580,139	11 732,616	7,425	6,959
29	6	98 635	25 678,215	498 936,473	19,430	18,964	79	56	56 168	1 436,541	10 152,477	7,067	6,601
30	7	98 579	24 499,926	473 258,258	19,317	18,851	80	57	53 208	1 299,144	8 715,936	6,709	6,243
31	8	98 523	23 375,486	448 758,332	19,198	18,732	81	58	50 051	1 166,647	7 416,792	6,357	5,891
32	9	98 459	22 301,092	425 382,846	19,075	18,609	82	59	46 742	1 040,109	6 250,144	6,009	5,543
33	10	98 394	21 275,688	403 081,754	18,946	18,480	83	60	43 297	919,751	5 210,035	5,665	5,199
34	11	98 319	20 295,551	381 806,066	18,812	18,346	84	61	39 672	804,533	4 290,284	5,333	4,867
35	12	98 242	19 360,123	361 510,515	18,673	18,207	85	62	35 916	695,343	3 485,750	5,013	4,547
36	13	98 162	18 467,096	342 150,392	18,528	18,062	86	63	32 059	592,514	2 790,407	4,709	4,243
37	14	98 068	17 612,725	323 683,296	18,378	17,912	87	64	28 191	497,396	2 197,894	4,419	3,953
38	15	97 961	16 795,735	306 070,571	18,223	17,757	88	65	24 371	410,508	1 700,497	4,142	3,676
39	16	97 850	16 015,969	289 274,836	18,062	17,596	89	66	20 628	331,710	1 289,990	3,889	3,423
40	17	97 724	15 270,101	273 258,867	17,895	17,429	90	67	17 070	262,043	958,280	3,657	3,191
41	18	97 591	14 557,734	257 988,766	17,722	17,256	91	68	13 809	202,373	696,236	3,440	2,974
42	19	97 433	13 875,183	243 431,032	17,544	17,078	92	69	10 925	152,849	493,864	3,231	2,765
43	20	97 280	13 225,086	229 555,849	17,358	16,892	93	70	8 381	111,934	341,015	3,047	2,581
44	21	97 109	12 603,184	216 330,763	17,165	16,699	94	71	6 249	79,671	229,081	2,875	2,409
45	22	96 924	12 008,779	203 727,579	16,965	16,499	95	72	4 499	54,763	149,410	2,728	2,262
46	23	96 725	11 440,763	191 718,800	16,758	16,292	96	73	3 142	36,516	94,647	2,592	2,126
47	24	96 510	10 897,658	180 278,037	16,543	16,077	97	74	2 118	23,495	58,131	2,474	2,008
48	25	96 269	10 377,530	169 380,380	16,322	15,856	98	75	1 387	14,690	34,636	2,358	1,892
49	26	95 998	9 879,029	159 002,850	16,095	15,629	99	76	881	8,904	19,946	2,240	1,774
							100	77	533	5,148	11,042	2,145	1,679

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	9 403,357	149 265,439	15,874	15,408
1							51	27	95 391	8 946,511	139 862,082	15,633	15,167
2							52	28	95 030	8 508,478	130 915,571	15,386	14,920
3							53	29	94 628	8 088,269	122 407,093	15,134	14,668
4							54	30	94 178	7 684,747	114 318,824	14,876	14,410
5							55	31	93 679	7 297,467	106 634,077	14,612	14,146
6							56	32	93 117	6 924,708	99 336,610	14,345	13,879
7							57	33	92 496	6 566,622	92 411,902	14,073	13,607
8							58	34	91 810	6 222,354	85 845,280	13,796	13,330
9							59	35	91 066	5 892,063	79 622,926	13,514	13,048
10							60	36	90 232	5 573,399	73 730,863	13,229	12,763
11							61	37	89 328	5 267,319	68 157,464	12,940	12,474
12							62	38	88 337	4 972,689	62 890,145	12,647	12,181
13							63	39	87 250	4 688,802	57 917,456	12,352	11,886
14							64	40	86 064	4 415,321	53 228,654	12,055	11,589
15							65	41	84 794	4 152,900	48 813,332	11,754	11,288
16							66	42	83 431	3 900,857	44 660,433	11,449	10,983
17							67	43	81 963	3 658,453	40 759,576	11,141	10,675
18							68	44	80 409	3 426,339	37 101,123	10,828	10,362
19							69	45	78 755	3 203,698	33 674,784	10,511	10,045
20							70	46	77 012	2 990,723	30 471,086	10,189	9,723
21							71	47	75 189	2 787,529	27 480,364	9,858	9,392
22							72	48	73 219	2 591,391	24 692,835	9,529	9,063
23							73	49	71 186	2 405,205	22 101,443	9,189	8,723
24	0	99 205	32 571,499	647 364,401	19,875	19,409	74	50	69 018	2 226,185	19 696,238	8,848	8,382
25	1	98 873	30 990,386	614 792,902	19,838	19,372	75	51	66 742	2 055,168	17 470,053	8,501	8,035
26	2	98 807	29 565,450	583 802,516	19,746	19,280	76	52	64 323	1 890,864	15 414,885	8,152	7,686
27	3	98 751	28 208,628	554 237,067	19,648	19,182	77	53	61 778	1 733,693	13 524,022	7,801	7,335
28	4	98 697	26 914,683	526 028,439	19,544	19,078	78	54	59 144	1 584,503	11 790,329	7,441	6,975
29	5	98 642	25 679,960	499 113,756	19,436	18,970	79	55	56 343	1 441,026	10 205,825	7,082	6,616
30	6	98 586	24 501,715	473 433,796	19,322	18,856	80	56	53 389	1 303,552	8 764,799	6,724	6,258
31	7	98 527	23 376,599	448 932,080	19,204	18,738	81	57	50 240	1 171,046	7 461,247	6,371	5,905
32	8	98 466	22 302,699	425 555,481	19,081	18,615	82	58	46 938	1 044,469	6 290,200	6,022	5,556
33	9	98 399	21 276,819	403 252,782	18,953	18,487	83	59	43 498	924,033	5 245,732	5,677	5,211
34	10	98 325	20 296,679	381 975,963	18,820	18,354	84	60	39 876	808,679	4 321,698	5,344	4,878
35	11	98 250	19 361,612	361 679,284	18,680	18,214	85	61	36 118	699,249	3 513,019	5,024	4,558
36	12	98 168	18 468,264	342 317,672	18,535	18,069	86	62	32 256	596,163	2 813,770	4,720	4,254
37	13	98 075	17 614,117	323 849,409	18,386	17,920	87	63	28 382	500,782	2 217,606	4,428	3,962
38	14	97 970	16 797,284	306 235,291	18,231	17,765	88	64	24 553	413,572	1 716,825	4,151	3,685
39	15	97 861	16 017,823	289 438,007	18,070	17,604	89	65	20 795	334,390	1 303,253	3,897	3,431
40	16	97 737	15 272,054	273 420,184	17,903	17,437	90	66	17 221	264,358	968,863	3,665	3,199
41	17	97 603	14 559,621	258 148,130	17,730	17,264	91	67	13 940	204,284	704,505	3,449	2,983
42	18	97 449	13 877,436	243 588,509	17,553	17,087	92	68	11 038	154,425	500,220	3,239	2,773
43	19	97 296	13 227,260	229 711,073	17,366	16,900	93	69	8 479	113,241	345,796	3,054	2,588
44	20	97 124	12 605,247	216 483,813	17,174	16,708	94	70	6 328	80,683	232,554	2,882	2,416
45	21	96 940	12 010,818	203 878,566	16,975	16,509	95	71	4 562	55,530	151,871	2,735	2,269
46	22	96 742	11 442,683	191 867,747	16,768	16,302	96	72	3 190	37,071	96,341	2,599	2,133
47	23	96 526	10 899,440	180 425,065	16,554	16,088	97	73	2 154	23,895	59,270	2,480	2,014
48	24	96 285	10 379,235	169 525,624	16,333	15,867	98	74	1 413	14,962	35,376	2,364	1,898
49	25	96 017	9 880,950	159 146,389	16,106	15,640	99	75	899	9,087	20,414	2,247	1,781
							100	76	545	5,264	11,327	2,152	1,686

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	9 405,186	149 394,590	15,884	15,418
1							51	26	95 408	8 948,106	139 989,405	15,645	15,179
2							52	27	95 050	8 510,263	131 041,299	15,398	14,932
3							53	28	94 650	8 090,194	122 531,036	15,146	14,680
4							54	29	94 201	7 686,644	114 440,841	14,888	14,422
5							55	30	93 706	7 299,531	106 754,198	14,625	14,159
6							56	31	93 147	6 926,938	99 454,667	14,358	13,892
7							57	32	92 527	6 568,829	92 527,728	14,086	13,620
8							58	33	91 842	6 224,534	85 958,899	13,810	13,344
9							59	34	91 101	5 894,313	79 734,365	13,527	13,061
10							60	35	90 274	5 576,003	73 840,052	13,242	12,776
11							61	36	89 370	5 269,832	68 264,050	12,954	12,488
12							62	37	88 381	4 975,201	62 994,217	12,662	12,196
13							63	38	87 298	4 691,402	58 019,016	12,367	11,901
14							64	39	86 120	4 418,196	53 327,615	12,070	11,604
15							65	40	84 847	4 155,531	48 909,419	11,770	11,304
16							66	41	83 492	3 903,718	44 753,888	11,464	10,998
17							67	42	82 029	3 661,407	40 850,170	11,157	10,691
18							68	43	80 481	3 429,411	37 188,763	10,844	10,378
19							69	44	78 830	3 206,731	33 759,352	10,528	10,062
20							70	45	77 095	2 993,943	30 552,621	10,205	9,739
21							71	46	75 278	2 790,834	27 558,678	9,875	9,409
22							72	47	73 314	2 594,763	24 767,844	9,545	9,079
23							73	48	71 294	2 408,860	22 173,082	9,205	8,739
24							74	49	69 134	2 229,941	19 764,222	8,863	8,397
25	0	99 160	31 080,266	615 059,437	19,789	19,323	75	50	66 865	2 058,964	17 534,281	8,516	8,050
26	1	98 829	29 572,027	583 979,171	19,748	19,282	76	51	64 457	1 894,798	15 475,317	8,167	7,701
27	2	98 764	28 212,335	554 407,144	19,651	19,185	77	52	61 914	1 737,523	13 580,519	7,816	7,350
28	3	98 706	26 917,367	526 194,808	19,549	19,083	78	53	59 291	1 588,440	11 842,995	7,456	6,990
29	4	98 651	25 682,324	499 277,442	19,441	18,975	79	54	56 499	1 445,006	10 254,555	7,097	6,631
30	5	98 593	24 503,380	473 595,118	19,328	18,862	80	55	53 556	1 307,622	8 809,549	6,737	6,271
31	6	98 534	23 378,306	449 091,738	19,210	18,744	81	56	50 411	1 175,020	7 501,927	6,385	5,919
32	7	98 471	22 303,761	425 713,431	19,087	18,621	82	57	47 115	1 048,407	6 326,907	6,035	5,569
33	8	98 406	21 278,352	403 409,670	18,959	18,493	83	58	43 681	927,906	5 278,500	5,689	5,223
34	9	98 330	20 297,758	382 131,318	18,826	18,360	84	59	40 062	812,445	4 350,594	5,355	4,889
35	10	98 255	19 362,688	361 833,560	18,687	18,221	85	60	36 304	702,853	3 538,150	5,034	4,568
36	11	98 176	18 469,684	342 470,871	18,542	18,076	86	61	32 437	599,512	2 835,297	4,729	4,263
37	12	98 082	17 615,230	324 001,187	18,393	17,927	87	62	28 557	503,866	2 235,785	4,437	3,971
38	13	97 978	16 798,612	306 385,957	18,239	17,773	88	63	24 720	416,387	1 731,918	4,159	3,693
39	14	97 870	16 019,301	289 587,345	18,077	17,611	89	64	20 950	336,886	1 315,532	3,905	3,439
40	15	97 748	15 273,822	273 568,044	17,911	17,445	90	65	17 360	266,494	978,646	3,672	3,206
41	16	97 616	14 561,483	258 294,222	17,738	17,272	91	66	14 063	206,089	712,152	3,456	2,990
42	17	97 462	13 879,235	243 732,739	17,561	17,095	92	67	11 142	155,883	506,063	3,246	2,780
43	18	97 311	13 229,408	229 853,504	17,374	16,908	93	68	8 566	114,409	350,179	3,061	2,595
44	19	97 140	12 607,319	216 624,096	17,182	16,716	94	69	6 402	81,626	235,771	2,888	2,422
45	20	96 956	12 012,785	204 016,777	16,983	16,517	95	70	4 620	56,236	154,145	2,741	2,275
46	21	96 758	11 444,626	192 003,992	16,777	16,311	96	71	3 235	37,590	97,909	2,605	2,139
47	22	96 542	10 901,269	180 559,366	16,563	16,097	97	72	2 187	24,257	60,319	2,487	2,021
48	23	96 301	10 380,933	169 658,097	16,343	15,877	98	73	1 437	15,216	36,062	2,370	1,904
49	24	96 032	9 882,574	159 277,164	16,117	15,651	99	74	915	9,255	20,845	2,252	1,786
							100	75	557	5,372	11,590	2,157	1,691

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 013 791,650	20,138	19,672	50	50	94 198	8 214,460	119 141,898	14,504	14,038
1	1	99 373	94 641,137	1 913 791,650	20,222	19,755	51	51	93 723	7 783,777	110 927,438	14,251	13,785
2	2	99 327	90 092,591	1 819 150,512	20,192	19,726	52	52	93 193	7 371,259	103 143,662	13,993	13,526
3	3	99 301	85 779,781	1 729 057,921	20,157	19,691	53	53	92 616	6 976,780	95 772,403	13,727	13,261
4	4	99 279	81 677,201	1 643 278,140	20,119	19,653	54	54	91 970	6 598,165	88 795,623	13,458	12,991
5	5	99 259	77 771,776	1 561 600,938	20,079	19,613	55	55	91 257	6 235,273	82 197,458	13,183	12,716
6	6	99 243	74 056,594	1 483 829,163	20,036	19,570	56	56	90 456	5 886,208	75 962,185	12,905	12,439
7	7	99 227	70 518,590	1 409 772,569	19,992	19,525	57	57	89 579	5 551,569	70 075,978	12,623	12,156
8	8	99 212	67 150,836	1 339 253,979	19,944	19,478	58	58	88 612	5 230,110	64 524,409	12,337	11,871
9	9	99 198	63 943,698	1 272 103,143	19,894	19,428	59	59	87 560	4 921,956	59 294,299	12,047	11,580
10	10	99 184	60 890,635	1 208 159,445	19,841	19,375	60	60	86 397	4 625,308	54 372,343	11,755	11,289
11	11	99 172	57 983,539	1 147 268,809	19,786	19,320	61	61	85 133	4 340,600	49 747,035	11,461	10,994
12	12	99 157	55 214,355	1 089 285,270	19,728	19,262	62	62	83 760	4 067,267	45 406,435	11,164	10,697
13	13	99 142	52 577,122	1 034 070,915	19,668	19,201	63	63	82 269	3 804,625	41 339,168	10,866	10,399
14	14	99 125	50 064,839	981 493,793	19,604	19,138	64	64	80 655	3 552,334	37 534,543	10,566	10,100
15	15	99 104	47 670,511	931 428,954	19,539	19,072	65	65	78 926	3 310,649	33 982,210	10,265	9,798
16	16	99 077	45 388,175	883 758,443	19,471	19,005	66	66	77 091	3 079,714	30 671,561	9,959	9,493
17	17	99 041	43 211,424	838 370,268	19,402	18,935	67	67	75 132	2 858,532	27 591,847	9,652	9,186
18	18	99 002	41 137,429	795 158,845	19,329	18,863	68	68	73 083	2 648,174	24 733,315	9,340	8,873
19	19	98 948	39 157,024	754 021,415	19,256	18,790	69	69	70 917	2 447,311	22 085,141	9,024	8,558
20	20	98 892	37 271,228	714 864,391	19,180	18,714	70	70	68 620	2 255,289	19 637,829	8,707	8,241
21	21	98 835	35 475,953	677 593,163	19,100	18,634	71	71	66 234	2 073,190	17 382,540	8,384	7,918
22	22	98 778	33 767,222	642 117,210	19,016	18,550	72	72	63 690	1 898,632	15 309,350	8,063	7,597
23	23	98 720	32 140,384	608 349,988	18,928	18,461	73	73	61 089	1 734,376	13 410,718	7,732	7,266
24	24	98 662	30 592,023	576 209,605	18,835	18,369	74	74	58 335	1 577,318	11 676,342	7,403	6,936
25	25	98 601	29 117,130	545 617,582	18,739	18,272	75	75	55 488	1 428,887	10 099,024	7,068	6,601
26	26	98 538	27 712,963	516 500,452	18,638	18,171	76	76	52 510	1 287,809	8 670,137	6,732	6,266
27	27	98 477	26 376,965	488 787,489	18,531	18,064	77	77	49 424	1 154,408	7 382,328	6,395	5,929
28	28	98 412	25 104,355	462 410,524	18,420	17,953	78	78	46 298	1 029,911	6 227,920	6,047	5,581
29	29	98 343	23 892,163	437 306,169	18,303	17,837	79	79	43 025	911,510	5 198,009	5,703	5,236
30	30	98 271	22 737,604	413 414,005	18,182	17,716	80	80	39 636	799,735	4 286,499	5,360	4,893
31	31	98 191	21 637,304	390 676,402	18,056	17,589	81	81	36 105	693,805	3 486,764	5,026	4,559
32	32	98 103	20 588,504	369 039,098	17,925	17,458	82	82	32 491	594,622	2 792,959	4,697	4,231
33	33	98 010	19 589,538	348 450,594	17,788	17,321	83	83	28 815	502,234	2 198,337	4,377	3,911
34	34	97 907	18 637,093	328 861,057	17,646	17,179	84	84	25 074	416,216	1 696,103	4,075	3,609
35	35	97 801	17 730,367	310 223,964	17,497	17,030	85	85	21 372	337,867	1 279,887	3,788	3,322
36	36	97 682	16 865,436	292 493,597	17,343	16,876	86	86	17 779	267,689	942,020	3,519	3,053
37	37	97 549	16 040,482	275 628,161	17,183	16,717	87	87	14 398	206,460	674,331	3,266	2,800
38	38	97 402	15 253,705	259 587,679	17,018	16,552	88	88	11 298	154,286	467,871	3,032	2,566
39	39	97 249	14 504,536	244 333,974	16,845	16,379	89	89	8 548	111,173	313,585	2,821	2,354
40	40	97 074	13 788,916	229 829,439	16,668	16,201	90	90	6 217	77,004	202,412	2,629	2,162
41	41	96 892	13 107,745	216 040,522	16,482	16,015	91	91	4 330	51,077	125,409	2,455	1,989
42	42	96 681	12 456,319	202 932,778	16,292	15,825	92	92	2 887	32,431	74,331	2,292	1,826
43	43	96 466	11 836,821	190 476,458	16,092	15,625	93	93	1 819	19,465	41,900	2,153	1,686
44	44	96 226	11 245,105	178 639,637	15,886	15,420	94	94	1 086	11,065	22,435	2,028	1,561
45	45	95 968	10 680,943	167 394,532	15,672	15,206	95	95	611	5,929	11,370	1,918	1,451
46	46	95 685	10 142,288	156 713,589	15,452	14,985	96	96	323	2,986	5,441	1,822	1,356
47	47	95 375	9 627,982	146 571,301	15,223	14,757	97	97	160	1,405	2,455	1,748	1,282
48	48	95 029	9 136,241	136 943,319	14,989	14,523	98	98	75	0,629	1,051	1,670	1,203
49	49	94 635	8 665,180	127 807,078	14,750	14,283	99	99	33	0,264	0,421	1,593	1,127
							100	100	13	0,102	0,157	1,532	1,065

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	2 012 127,920	20,180	19,713	50	51	94 025	8 199,313	118 135,511	14,408	13,942
1	2	99 351	94 620,088	1 912 417,107	20,212	19,745	51	52	93 528	7 767,614	109 936,199	14,153	13,687
2	3	99 314	90 080,753	1 817 797,019	20,180	19,713	52	53	92 988	7 355,009	102 168,585	13,891	13,425
3	4	99 291	85 771,229	1 727 716,266	20,143	19,677	53	54	92 387	6 959,488	94 813,576	13,624	13,157
4	5	99 270	81 669,683	1 641 945,038	20,105	19,638	54	55	91 717	6 579,991	87 854,088	13,352	12,885
5	6	99 252	77 766,491	1 560 275,355	20,064	19,597	55	56	90 973	6 215,866	81 274,097	13,075	12,609
6	7	99 236	74 051,187	1 482 508,863	20,020	19,554	56	57	90 150	5 866,303	75 058,230	12,795	12,328
7	8	99 222	70 515,231	1 408 457,676	19,974	19,507	57	58	89 242	5 530,715	69 191,927	12,510	12,044
8	9	99 205	67 145,997	1 337 942,445	19,926	19,459	58	59	88 242	5 208,282	63 661,422	12,223	11,757
9	10	99 192	63 940,300	1 270 796,449	19,875	19,408	59	60	87 154	4 899,145	58 452,930	11,931	11,465
10	11	99 179	60 887,250	1 206 856,149	19,821	19,355	60	61	85 954	4 601,595	53 553,785	11,638	11,172
11	12	99 164	57 979,080	1 145 968,899	19,765	19,299	61	62	84 657	4 316,353	48 952,190	11,341	10,875
12	13	99 151	55 210,866	1 087 989,819	19,706	19,240	62	63	83 248	4 042,367	44 635,837	11,042	10,576
13	14	99 134	52 572,966	1 032 778,953	19,645	19,178	63	64	81 713	3 778,905	40 593,470	10,742	10,276
14	15	99 116	50 060,221	980 205,986	19,581	19,114	64	65	80 057	3 526,015	36 814,565	10,441	9,974
15	16	99 092	47 664,992	930 145,766	19,514	19,048	65	66	78 293	3 284,118	33 288,550	10,136	9,670
16	17	99 064	45 382,372	882 480,774	19,445	18,979	66	67	76 416	3 052,743	30 004,432	9,829	9,362
17	18	99 029	43 205,821	837 098,402	19,375	18,908	67	68	74 429	2 831,782	26 951,689	9,518	9,051
18	19	98 986	41 130,752	793 892,581	19,302	18,835	68	69	72 338	2 621,152	24 119,907	9,202	8,736
19	20	98 932	39 150,588	752 761,829	19,227	18,761	69	70	70 098	2 419,054	21 498,755	8,887	8,421
20	21	98 875	37 265,128	713 611,241	19,150	18,683	70	71	67 759	2 226,981	19 079,701	8,568	8,101
21	22	98 818	35 469,929	676 346,114	19,068	18,602	71	72	65 319	2 044,550	16 852,720	8,243	7,776
22	23	98 761	33 761,557	640 876,184	18,982	18,516	72	73	62 738	1 870,251	14 808,169	7,918	7,451
23	24	98 704	32 135,127	607 114,628	18,893	18,426	73	74	60 066	1 705,349	12 937,918	7,587	7,120
24	25	98 646	30 586,997	574 979,501	18,798	18,332	74	75	57 274	1 548,623	11 232,569	7,253	6,787
25	26	98 582	29 111,469	544 392,504	18,700	18,234	75	76	54 371	1 400,138	9 683,945	6,916	6,450
26	27	98 521	27 708,023	515 281,034	18,597	18,130	76	77	51 346	1 259,285	8 283,807	6,578	6,112
27	28	98 457	26 371,433	487 573,011	18,489	18,022	77	78	48 241	1 126,773	7 024,522	6,234	5,768
28	29	98 389	25 098,380	461 201,578	18,376	17,909	78	79	45 039	1 001,890	5 897,749	5,887	5,420
29	30	98 319	23 886,268	436 103,198	18,257	17,791	79	80	41 699	883,428	4 895,859	5,542	5,075
30	31	98 243	22 731,174	412 216,930	18,134	17,668	80	81	38 238	771,535	4 012,431	5,201	4,734
31	32	98 159	21 630,337	389 485,757	18,006	17,540	81	82	34 646	665,764	3 240,896	4,868	4,402
32	33	98 070	20 581,588	367 855,420	17,873	17,407	82	83	30 964	566,673	2 575,131	4,544	4,078
33	34	97 976	19 582,677	347 273,832	17,734	17,267	83	84	27 224	474,513	2 008,458	4,233	3,766
34	35	97 870	18 629,977	327 691,155	17,589	17,123	84	85	23 474	389,666	1 533,945	3,937	3,470
35	36	97 755	17 722,088	309 061,178	17,439	16,973	85	86	19 797	312,968	1 144,279	3,656	3,190
36	37	97 635	16 857,393	291 339,090	17,283	16,816	86	87	16 263	244,861	831,310	3,395	2,929
37	38	97 499	16 032,383	274 481,697	17,120	16,654	87	88	12 971	186,000	586,449	3,153	2,687
38	39	97 348	15 245,252	258 449,314	16,953	16,486	88	89	10 018	136,805	400,449	2,927	2,461
39	40	97 186	14 495,098	243 204,061	16,778	16,312	89	90	7 447	96,853	263,644	2,722	2,256
40	41	97 012	13 780,186	228 708,963	16,597	16,131	90	91	5 302	65,675	166,791	2,540	2,073
41	42	96 821	13 098,138	214 928,777	16,409	15,943	91	92	3 611	42,602	101,116	2,373	1,907
42	43	96 603	12 446,269	201 830,639	16,216	15,750	92	93	2 344	26,336	58,514	2,222	1,755
43	44	96 380	11 826,219	189 384,370	16,014	15,548	93	94	1 438	15,388	32,178	2,091	1,625
44	45	96 135	11 234,469	177 558,151	15,805	15,338	94	95	837	8,526	16,790	1,969	1,503
45	46	95 865	10 669,454	166 323,682	15,589	15,122	95	96	456	4,421	8,264	1,869	1,403
46	47	95 572	10 130,277	155 654,228	15,365	14,899	96	97	233	2,152	3,842	1,786	1,319
47	48	95 251	9 615,472	145 523,951	15,134	14,668	97	98	113	0,991	1,690	1,706	1,240
48	49	94 884	9 122,380	135 908,479	14,898	14,432	98	99	51	0,429	0,700	1,633	1,166
49	50	94 476	8 650,587	126 786,099	14,656	14,190	99	100	22	0,174	0,271	1,561	1,095

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	2 010 637,199	20,169	19,703	50	52	93 830	8 182,287	117 047,700	14,305	13,839
1	3	99 338	94 607,655	1 910 948,563	20,199	19,732	51	53	93 322	7 750,491	108 865,413	14,046	13,580
2	4	99 304	90 071,772	1 816 340,908	20,165	19,699	52	54	92 757	7 336,779	101 114,922	13,782	13,316
3	5	99 282	85 763,333	1 726 269,136	20,128	19,662	53	55	92 132	6 940,319	93 778,143	13,512	13,046
4	6	99 263	81 664,134	1 640 505,803	20,088	19,622	54	56	91 431	6 559,512	86 837,824	13,238	12,772
5	7	99 245	77 760,813	1 558 841,669	20,047	19,580	55	57	90 665	6 194,847	80 278,312	12,959	12,492
6	8	99 231	74 047,660	1 481 080,856	20,002	19,535	56	58	89 811	5 844,268	74 083,465	12,676	12,210
7	9	99 215	70 510,149	1 407 033,196	19,955	19,489	57	59	88 870	5 507,633	68 239,197	12,390	11,924
8	10	99 200	67 142,428	1 336 523,047	19,906	19,439	58	60	87 833	5 184,144	62 731,565	12,101	11,634
9	11	99 187	63 936,745	1 269 380,619	19,854	19,387	59	61	86 708	4 874,028	57 547,421	11,807	11,341
10	12	99 171	60 882,568	1 205 443,874	19,799	19,333	60	62	85 474	4 575,890	52 673,392	11,511	11,045
11	13	99 158	57 975,416	1 144 561,306	19,742	19,276	61	63	84 139	4 289,928	48 097,503	11,212	10,745
12	14	99 143	55 206,502	1 086 585,890	19,682	19,216	62	64	82 685	4 015,040	43 807,574	10,911	10,444
13	15	99 125	52 568,117	1 031 379,388	19,620	19,153	63	65	81 108	3 750,908	39 792,534	10,609	10,142
14	16	99 104	50 054,425	978 811,272	19,555	19,089	64	66	79 415	3 497,759	36 041,627	10,304	9,838
15	17	99 079	47 658,898	928 756,847	19,488	19,021	65	67	77 607	3 255,357	32 543,868	9,997	9,531
16	18	99 051	45 376,488	881 097,949	19,417	18,951	66	68	75 701	3 024,176	29 288,512	9,685	9,218
17	19	99 012	43 198,808	835 721,460	19,346	18,880	67	69	73 670	2 802,887	26 264,336	9,370	8,904
18	20	98 970	41 123,991	792 522,652	19,272	18,805	68	70	71 502	2 590,888	23 461,449	9,055	8,589
19	21	98 915	39 144,180	751 398,661	19,196	18,729	69	71	69 218	2 388,691	20 870,562	8,737	8,271
20	22	98 859	37 258,800	712 254,481	19,116	18,650	70	72	66 823	2 196,217	18 481,871	8,415	7,949
21	23	98 801	35 463,978	674 995,681	19,033	18,567	71	73	64 342	2 013,988	16 285,654	8,086	7,620
22	24	98 745	33 756,035	639 531,703	18,946	18,479	72	74	61 688	1 838,951	14 271,666	7,761	7,294
23	25	98 688	32 129,848	605 775,668	18,854	18,388	73	75	58 974	1 674,325	12 432,715	7,426	6,959
24	26	98 627	30 581,051	573 645,820	18,758	18,292	74	76	56 121	1 517,465	10 758,390	7,090	6,623
25	27	98 564	29 106,280	543 064,770	18,658	18,192	75	77	53 167	1 369,127	9 240,925	6,750	6,283
26	28	98 500	27 702,212	513 958,489	18,553	18,087	76	78	50 117	1 229,140	7 871,798	6,404	5,938
27	29	98 433	26 365,157	486 256,277	18,443	17,977	77	79	46 928	1 096,116	6 642,658	6,060	5,594
28	30	98 365	25 092,187	459 891,121	18,328	17,862	78	80	43 651	971,024	5 546,542	5,712	5,246
29	31	98 291	23 879,513	434 798,934	18,208	17,742	79	81	40 229	852,277	4 575,518	5,369	4,902
30	32	98 211	22 723,854	410 919,421	18,083	17,617	80	82	36 693	740,353	3 723,241	5,029	4,563
31	33	98 126	21 623,071	388 195,567	17,953	17,486	81	83	33 018	634,472	2 982,888	4,701	4,235
32	34	98 036	20 574,380	366 572,496	17,817	17,351	82	84	29 255	535,395	2 348,416	4,386	3,920
33	35	97 938	19 575,200	345 998,116	17,675	17,209	83	85	25 488	444,245	1 813,021	4,081	3,615
34	36	97 824	18 621,278	326 422,916	17,530	17,063	84	86	21 744	360,950	1 368,776	3,792	3,326
35	37	97 709	17 713,637	307 801,638	17,377	16,910	85	87	18 108	286,279	1 007,826	3,520	3,054
36	38	97 586	16 848,882	290 088,001	17,217	16,751	86	88	14 651	220,597	721,547	3,271	2,804
37	39	97 445	16 023,499	273 239,120	17,052	16,586	87	89	11 502	164,926	500,950	3,037	2,571
38	40	97 285	15 235,333	257 215,620	16,883	16,416	88	90	8 727	119,184	336,024	2,819	2,353
39	41	97 124	14 485,921	241 980,287	16,705	16,238	89	91	6 351	82,604	216,841	2,625	2,159
40	42	96 941	13 770,086	227 494,366	16,521	16,055	90	92	4 422	54,778	134,237	2,451	1,984
41	43	96 743	13 087,569	213 724,280	16,330	15,864	91	93	2 933	34,595	79,459	2,297	1,830
42	44	96 516	12 435,121	200 636,710	16,135	15,668	92	94	1 853	20,820	44,863	2,155	1,688
43	45	96 289	11 815,033	188 201,589	15,929	15,463	93	95	1 108	11,857	24,044	2,028	1,561
44	46	96 032	11 222,384	176 386,556	15,717	15,251	94	96	624	6,358	12,187	1,917	1,450
45	47	95 752	10 656,819	165 164,172	15,498	15,032	95	97	328	3,186	5,828	1,829	1,363
46	48	95 447	10 117,114	154 507,353	15,272	14,805	96	98	164	1,518	2,642	1,741	1,275
47	49	95 106	9 600,884	144 390,238	15,039	14,573	97	99	77	0,675	1,124	1,667	1,200
48	50	94 725	9 107,017	134 789,354	14,801	14,334	98	100	34	0,281	0,450	1,598	1,132
49	51	94 302	8 634,637	125 682,337	14,556	14,089							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	2 009 045,991	20,156	19,689	50	53	93 623	8 164,250	115 874,586	14,193	13,727
1	4	99 328	94 598,222	1 909 370,454	20,184	19,718	51	54	93 091	7 731,280	107 710,336	13,932	13,465
2	5	99 295	90 063,480	1 814 772,232	20,150	19,684	52	55	92 502	7 316,572	99 979,056	13,665	13,198
3	6	99 275	85 757,506	1 724 708,751	20,111	19,645	53	56	91 846	6 918,718	92 662,484	13,393	12,927
4	7	99 256	81 658,171	1 638 951,245	20,071	19,604	54	57	91 122	6 537,330	85 743,766	13,116	12,650
5	8	99 240	77 757,110	1 557 293,074	20,028	19,561	55	58	90 325	6 171,577	79 206,435	12,834	12,368
6	9	99 224	74 042,323	1 479 535,964	19,982	19,516	56	59	89 436	5 819,876	73 034,858	12,549	12,083
7	10	99 210	70 506,401	1 405 493,641	19,934	19,468	57	60	88 458	5 482,108	67 214,982	12,261	11,794
8	11	99 194	67 138,695	1 334 987,240	19,884	19,418	58	61	87 382	5 157,566	61 732,874	11,969	11,503
9	12	99 179	63 931,828	1 267 848,544	19,831	19,365	59	62	86 223	4 846,801	56 575,308	11,673	11,206
10	13	99 165	60 878,720	1 203 916,716	19,776	19,309	60	63	84 951	4 547,876	51 728,507	11,374	10,908
11	14	99 150	57 970,834	1 143 037,996	19,717	19,251	61	64	83 570	4 260,928	47 180,631	11,073	10,606
12	15	99 134	55 201,409	1 085 067,163	19,657	19,190	62	65	82 072	3 985,293	42 919,703	10,770	10,303
13	16	99 114	52 562,031	1 029 865,753	19,593	19,127	63	66	80 458	3 720,849	38 934,410	10,464	9,997
14	17	99 092	50 048,026	977 303,723	19,527	19,061	64	67	78 720	3 467,126	35 213,561	10,156	9,690
15	18	99 067	47 652,719	927 255,697	19,459	18,992	65	68	76 881	3 224,893	31 746,435	9,844	9,378
16	19	99 035	45 369,123	879 602,978	19,388	18,919	66	69	74 928	2 993,317	28 521,542	9,528	9,062
17	20	98 996	43 191,707	834 233,855	19,315	18,848	67	70	72 819	2 770,524	25 528,224	9,214	8,748
18	21	98 954	41 117,260	791 042,147	19,239	18,772	68	71	70 605	2 558,367	22 757,701	8,895	8,429
19	22	98 899	39 137,533	749 924,887	19,161	18,695	69	72	68 262	2 355,692	20 199,333	8,575	8,108
20	23	98 842	37 252,549	710 787,354	19,080	18,614	70	73	65 824	2 163,388	17 843,641	8,248	7,782
21	24	98 785	35 458,178	673 534,805	18,995	18,529	71	74	63 266	1 980,282	15 680,254	7,918	7,452
22	25	98 729	33 750,490	638 076,628	18,906	18,439	72	75	60 566	1 805,496	13 699,971	7,588	7,122
23	26	98 668	32 123,601	604 326,138	18,813	18,346	73	76	57 787	1 640,638	11 894,475	7,250	6,784
24	27	98 609	30 575,600	572 202,537	18,714	18,248	74	77	54 878	1 483,855	10 253,837	6,910	6,444
25	28	98 544	29 100,175	541 626,937	18,612	18,146	75	78	51 894	1 336,352	8 769,982	6,563	6,096
26	29	98 477	27 695,619	512 526,761	18,506	18,039	76	79	48 754	1 195,698	7 433,630	6,217	5,751
27	30	98 409	26 358,651	484 831,142	18,394	17,927	77	80	45 482	1 062,347	6 237,932	5,872	5,405
28	31	98 337	25 085,091	458 472,491	18,277	17,810	78	81	42 112	936,784	5 175,585	5,525	5,058
29	32	98 260	23 871,824	433 387,400	18,155	17,688	79	82	38 603	817,832	4 238,801	5,183	4,717
30	33	98 178	22 716,221	409 515,577	18,027	17,561	80	83	34 968	705,555	3 420,970	4,849	4,382
31	34	98 092	21 615,498	386 799,356	17,895	17,428	81	84	31 195	599,452	2 715,414	4,530	4,063
32	35	97 998	20 566,524	365 183,858	17,756	17,290	82	85	27 389	501,244	2 115,963	4,221	3,755
33	36	97 893	19 566,060	344 617,333	17,613	17,147	83	86	23 610	411,507	1 614,719	3,924	3,458
34	37	97 777	18 612,399	325 051,274	17,464	16,998	84	87	19 890	330,169	1 203,213	3,644	3,178
35	38	97 659	17 704,693	306 438,875	17,308	16,842	85	88	16 314	257,910	873,043	3,385	2,919
36	39	97 532	16 839,546	288 734,182	17,146	16,680	86	89	12 991	195,602	615,133	3,145	2,678
37	40	97 382	16 013,074	271 894,637	16,980	16,513	87	90	10 020	143,682	419,531	2,920	2,453
38	41	97 223	15 225,687	255 881,563	16,806	16,340	88	91	7 443	101,650	275,849	2,714	2,247
39	42	97 053	14 475,304	240 655,876	16,625	16,159	89	92	5 297	68,898	174,199	2,528	2,062
40	43	96 863	13 758,976	226 180,572	16,439	15,972	90	93	3 591	44,483	105,301	2,367	1,901
41	44	96 657	13 075,847	212 421,597	16,245	15,779	91	94	2 318	27,349	60,819	2,224	1,757
42	45	96 425	12 423,359	199 345,750	16,046	15,580	92	95	1 428	16,042	33,470	2,086	1,620
43	46	96 185	11 802,324	186 922,390	15,838	15,371	93	96	826	8,842	17,427	1,971	1,505
44	47	95 918	11 209,095	175 120,066	15,623	15,157	94	97	450	4,582	8,585	1,873	1,407
45	48	95 627	10 642,972	163 910,971	15,401	14,934	95	98	232	2,247	4,003	1,781	1,315
46	49	95 303	10 101,766	153 267,999	15,172	14,706	96	99	112	1,033	1,755	1,699	1,232
47	50	94 946	9 584,716	143 166,233	14,937	14,471	97	100	50	0,443	0,722	1,629	1,163
48	51	94 550	9 090,225	133 581,518	14,695	14,229							
49	52	94 106	8 616,707	124 491,293	14,448	13,981							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	2 007 338,166	20,141	19,674	50	54	93 391	8 144,014	114 611,419	14,073	13,607
1	5	99 319	94 589,514	1 907 672,568	20,168	19,702	51	55	92 834	7 709,986	106 467,405	13,809	13,343
2	6	99 288	90 057,361	1 813 083,053	20,133	19,666	52	56	92 214	7 293,800	98 757,419	13,540	13,074
3	7	99 268	85 751,245	1 723 025,692	20,093	19,627	53	57	91 535	6 895,322	91 463,619	13,265	12,798
4	8	99 251	81 654,282	1 637 274,447	20,051	19,585	54	58	90 780	6 512,774	84 568,297	12,985	12,519
5	9	99 233	77 751,506	1 555 620,166	20,008	19,541	55	59	89 948	6 145,820	78 055,523	12,701	12,234
6	10	99 219	74 038,388	1 477 868,660	19,961	19,494	56	60	89 022	5 792,904	71 909,703	12,413	11,947
7	11	99 204	70 502,482	1 403 830,272	19,912	19,445	57	61	88 005	5 454,002	66 116,799	12,123	11,656
8	12	99 187	67 133,532	1 333 327,790	19,861	19,394	58	62	86 894	5 128,755	60 662,797	11,828	11,362
9	13	99 173	63 927,788	1 266 194,258	19,807	19,340	59	63	85 695	4 817,129	55 534,042	11,528	11,062
10	14	99 157	60 873,908	1 202 266,470	19,750	19,284	60	64	84 376	4 517,132	50 716,913	11,228	10,761
11	15	99 141	57 965,486	1 141 392,562	19,691	19,224	61	65	82 951	4 229,359	46 199,781	10,924	10,457
12	16	99 122	55 195,018	1 083 427,076	19,629	19,163	62	66	81 415	3 953,356	41 970,422	10,616	10,150
13	17	99 101	52 555,311	1 028 232,058	19,565	19,098	63	67	79 753	3 688,263	38 017,065	10,308	9,841
14	18	99 079	50 041,537	975 676,747	19,497	19,031	64	68	77 983	3 434,681	34 328,803	9,995	9,528
15	19	99 050	47 644,984	925 635,210	19,428	18,961	65	69	76 097	3 191,986	30 894,122	9,679	9,212
16	20	99 019	45 361,666	877 990,226	19,355	18,889	66	70	74 063	2 958,755	27 702,135	9,363	8,896
17	21	98 980	43 184,638	832 628,560	19,281	18,814	67	71	71 905	2 735,749	24 743,380	9,044	8,578
18	22	98 937	41 110,279	789 443,922	19,203	18,737	68	72	69 630	2 523,025	22 007,631	8,723	8,256
19	23	98 882	39 130,967	748 333,644	19,124	18,657	69	73	67 242	2 320,479	19 484,606	8,397	7,930
20	24	98 826	37 246,456	709 202,677	19,041	18,574	70	74	64 723	2 127,181	17 164,127	8,069	7,603
21	25	98 769	35 452,353	671 956,221	18,954	18,487	71	75	62 115	1 944,257	15 036,946	7,734	7,268
22	26	98 710	33 743,928	636 503,868	18,863	18,396	72	76	59 347	1 769,170	13 092,689	7,400	6,934
23	27	98 651	32 117,876	602 759,940	18,767	18,301	73	77	56 507	1 604,300	11 323,519	7,058	6,592
24	28	98 589	30 569,187	570 642,064	18,667	18,201	74	78	53 564	1 448,334	9 719,219	6,711	6,244
25	29	98 520	29 093,250	540 072,878	18,564	18,097	75	79	50 482	1 299,993	8 270,885	6,362	5,896
26	30	98 452	27 688,785	510 979,628	18,454	17,988	76	80	47 252	1 158,861	6 970,892	6,015	5,549
27	31	98 381	26 351,197	483 290,843	18,340	17,874	77	81	43 879	1 024,887	5 812,032	5,671	5,204
28	32	98 305	25 077,014	456 939,646	18,221	17,755	78	82	40 410	898,923	4 787,145	5,325	4,859
29	33	98 227	23 863,805	431 862,632	18,097	17,631	79	83	36 788	779,392	3 888,221	4,989	4,522
30	34	98 144	22 708,265	407 998,828	17,967	17,501	80	84	33 038	666,611	3 108,830	4,664	4,197
31	35	98 055	21 607,245	385 290,562	17,832	17,365	81	85	29 205	561,214	2 442,218	4,352	3,885
32	36	97 953	20 556,921	363 683,317	17,692	17,225	82	86	25 370	464,305	1 881,004	4,051	3,585
33	37	97 846	19 556,730	343 126,396	17,545	17,079	83	87	21 596	376,414	1 416,699	3,764	3,297
34	38	97 728	18 603,001	323 569,666	17,393	16,927	84	88	17 919	297,451	1 040,285	3,497	3,031
35	39	97 605	17 694,882	304 966,666	17,235	16,768	85	89	14 466	228,688	742,834	3,248	2,782
36	40	97 468	16 828,589	287 271,784	17,070	16,604	86	90	11 318	170,407	514,146	3,017	2,551
37	41	97 320	16 002,935	270 443,195	16,900	16,433	87	91	8 546	122,544	343,739	2,805	2,339
38	42	97 152	15 214,528	254 440,259	16,724	16,257	88	92	6 208	84,783	221,195	2,609	2,143
39	43	96 975	14 463,624	239 225,731	16,540	16,073	89	93	4 302	55,949	136,412	2,438	1,972
40	44	96 776	13 746,652	224 762,107	16,350	15,884	90	94	2 839	35,165	80,463	2,288	1,822
41	45	96 565	13 063,479	211 015,455	16,153	15,687	91	95	1 786	21,074	45,298	2,149	1,683
42	46	96 321	12 409,996	197 951,976	15,951	15,485	92	96	1 065	11,964	24,224	2,025	1,558
43	47	96 071	11 788,348	185 541,980	15,739	15,273	93	97	596	6,373	12,260	1,924	1,458
44	48	95 793	11 194,530	173 753,632	15,521	15,055	94	98	317	3,232	5,888	1,822	1,355
45	49	95 482	10 626,826	162 559,102	15,297	14,831	95	99	158	1,530	2,656	1,736	1,269
46	50	95 142	10 084,754	151 932,276	15,066	14,599	96	100	73	0,679	1,126	1,659	1,192
47	51	94 771	9 567,043	141 847,523	14,827	14,360							
48	52	94 354	9 071,349	132 280,480	14,582	14,116							
49	53	93 898	8 597,712	123 209,131	14,330	13,864							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	2 005 503,242	20,124	19,658	50	55	93 133	8 121,583	113 254,714	13,945	13,479
1	6	99 312	94 583,088	1 905 846,818	20,150	19,684	51	56	92 545	7 685,990	105 133,131	13,679	13,212
2	7	99 281	90 050,786	1 811 263,731	20,114	19,647	52	57	91 902	7 269,135	97 447,141	13,406	12,939
3	8	99 263	85 747,160	1 721 212,945	20,073	19,607	53	58	91 191	6 869,421	90 178,005	13,127	12,661
4	9	99 244	81 648,397	1 635 465,785	20,031	19,564	54	59	90 401	6 485,593	83 308,584	12,845	12,379
5	10	99 228	77 747,373	1 553 817,387	19,985	19,519	55	60	89 531	6 117,337	76 822,991	12,558	12,092
6	11	99 213	74 034,272	1 476 070,014	19,938	19,471	56	61	88 566	5 763,205	70 705,654	12,268	11,802
7	12	99 196	70 497,060	1 402 035,742	19,888	19,421	57	62	87 513	5 423,535	64 942,449	11,974	11,508
8	13	99 181	67 129,289	1 331 538,682	19,835	19,369	58	63	86 362	5 097,357	59 518,914	11,676	11,210
9	14	99 165	63 922,735	1 264 409,393	19,780	19,314	59	64	85 116	4 784,565	54 421,557	11,374	10,908
10	15	99 148	60 868,293	1 200 486,658	19,723	19,256	60	65	83 751	4 483,665	49 636,993	11,071	10,604
11	16	99 129	57 958,775	1 139 618,365	19,663	19,196	61	66	82 286	4 195,467	45 153,327	10,762	10,296
12	17	99 110	55 129,289	1 081 659,590	19,600	19,133	62	67	80 702	3 918,734	40 957,861	10,452	9,985
13	18	99 088	52 548,497	1 026 471,628	19,534	19,067	63	68	79 007	3 653,748	37 039,127	10,137	9,671
14	19	99 063	50 033,414	973 923,131	19,465	18,999	64	69	77 188	3 399,634	33 385,379	9,820	9,354
15	20	99 034	47 637,153	923 889,717	19,394	18,928	65	70	75 218	3 155,131	29 985,745	9,504	9,037
16	21	99 003	45 354,241	876 252,564	19,320	18,854	66	71	73 134	2 921,618	26 830,614	9,183	8,717
17	22	98 963	43 177,305	830 898,323	19,244	18,777	67	72	70 912	2 697,956	23 908,997	8,862	8,395
18	23	98 920	41 103,381	787 721,018	19,164	18,698	68	73	68 589	2 485,311	21 211,041	8,535	8,068
19	24	98 866	39 124,566	746 617,637	19,083	18,617	69	74	66 116	2 281,644	18 725,730	8,207	7,741
20	25	98 810	37 240,337	707 493,070	18,998	18,532	70	75	63 545	2 088,483	16 444,086	7,874	7,407
21	26	98 750	35 445,461	670 252,733	18,909	18,443	71	76	60 865	1 905,138	14 355,603	7,535	7,069
22	27	98 692	33 737,914	634 807,273	18,816	18,349	72	77	58 033	1 729,985	12 450,464	7,197	6,730
23	28	98 630	32 111,139	601 069,359	18,718	18,252	73	78	55 155	1 565,895	10 720,480	6,846	6,380
24	29	98 565	30 561,912	568 958,220	18,617	18,150	74	79	52 107	1 408,928	9 154,584	6,498	6,031
25	30	98 496	29 086,071	538 396,308	18,510	18,044	75	80	48 927	1 259,942	7 745,656	6,148	5,681
26	31	98 424	27 680,955	509 310,237	18,399	17,933	76	81	45 586	1 117,997	6 485,714	5,801	5,335
27	32	98 349	26 342,712	481 629,283	18,283	17,817	77	82	42 105	983,466	5 367,716	5,458	4,992
28	33	98 272	25 068,590	455 286,571	18,162	17,695	78	83	38 511	856,672	4 384,250	5,118	4,651
29	34	98 192	23 855,447	430 217,981	18,034	17,568	79	84	34 758	736,373	3 527,578	4,790	4,324
30	35	98 106	22 699,595	406 362,534	17,902	17,435	80	85	30 931	624,090	2 791,206	4,472	4,006
31	36	98 009	21 597,156	383 662,939	17,765	17,298	81	86	27 053	519,856	2 167,116	4,169	3,702
32	37	97 906	20 547,118	362 065,783	17,621	17,155	82	87	23 207	424,710	1 647,260	3,879	3,412
33	38	97 797	19 546,855	341 518,664	17,472	17,005	83	88	19 456	339,113	1 222,551	3,605	3,139
34	39	97 674	18 592,692	321 971,809	17,317	16,851	84	89	15 889	263,749	883,437	3,350	2,883
35	40	97 542	17 683,369	303 379,117	17,156	16,690	85	90	12 602	199,231	619,689	3,110	2,644
36	41	97 406	16 817,934	285 695,748	16,988	16,521	86	91	9 653	145,338	420,457	2,893	2,427
37	42	97 249	15 991,206	268 877,813	16,814	16,348	87	92	7 128	102,211	275,120	2,692	2,225
38	43	97 074	15 202,252	252 886,607	16,635	16,168	88	93	5 041	68,848	172,909	2,511	2,045
39	44	96 888	14 450,669	237 684,355	16,448	15,982	89	94	3 401	44,230	104,060	2,353	1,886
40	45	96 685	13 733,649	223 233,686	16,255	15,788	90	95	2 188	27,096	59,831	2,208	1,742
41	46	96 461	13 049,427	209 500,036	16,054	15,588	91	96	1 332	15,716	32,734	2,083	1,617
42	47	96 207	12 395,300	196 450,609	15,849	15,382	92	97	767	8,622	17,019	1,974	1,507
43	48	95 946	11 773,031	184 055,309	15,634	15,167	93	98	420	4,494	8,397	1,868	1,402
44	49	95 648	11 177,547	172 282,278	15,413	14,947	94	99	216	2,201	3,902	1,773	1,307
45	50	95 321	10 608,929	161 104,731	15,186	14,719	95	100	104	1,005	1,702	1,693	1,227
46	51	94 967	10 066,158	150 495,802	14,951	14,484							
47	52	94 574	9 547,177	140 429,644	14,709	14,243							
48	53	94 146	9 051,352	130 882,467	14,460	13,994							
49	54	93 666	8 576,402	121 831,116	14,205	13,739							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	2 003 532,992	20,106	19,639	50	56	92 844	8 096,306	111 801,067	13,809	13,342
1	7	99 305	94 576,182	1 903 883,339	20,131	19,664	51	57	92 232	7 659,999	103 704,761	13,538	13,072
2	8	99 276	90 046,497	1 809 307,158	20,093	19,627	52	58	91 557	7 241,830	96 044,762	13,262	12,796
3	9	99 256	85 740,981	1 719 260,661	20,052	19,585	53	59	90 811	6 840,751	88 802,932	12,981	12,515
4	10	99 239	81 644,058	1 633 519,680	20,008	19,541	54	60	89 982	6 455,535	81 962,181	12,696	12,230
5	11	99 222	77 743,051	1 551 875,623	19,962	19,495	55	61	89 072	6 085,975	75 506,645	12,407	11,940
6	12	99 205	74 028,579	1 474 132,572	19,913	19,447	56	62	88 071	5 731,011	69 420,671	12,113	11,647
7	13	99 190	70 492,604	1 400 103,993	19,862	19,395	57	63	86 977	5 390,332	63 689,660	11,816	11,349
8	14	99 173	67 123,984	1 329 611,389	19,808	19,342	58	64	85 779	5 062,898	58 299,327	11,515	11,049
9	15	99 156	63 916,838	1 262 487,405	19,752	19,286	59	65	84 485	4 749,117	53 236,429	11,210	10,743
10	16	99 137	60 861,246	1 198 570,567	19,693	19,227	60	66	83 080	4 447,735	48 487,313	10,902	10,435
11	17	99 117	57 951,366	1 137 709,321	19,632	19,166	61	67	81 566	4 158,724	44 039,578	10,590	10,123
12	18	99 097	55 180,807	1 079 757,956	19,568	19,101	62	68	79 946	3 882,063	39 880,854	10,273	9,807
13	19	99 072	52 539,967	1 024 577,149	19,501	19,035	63	69	78 201	3 616,465	35 998,792	9,954	9,488
14	20	99 046	50 025,190	972 037,181	19,431	18,965	64	70	76 296	3 360,380	32 382,326	9,637	9,170
15	21	99 018	47 629,355	922 011,991	19,358	18,892	65	71	74 274	3 115,528	29 021,946	9,315	8,849
16	22	98 986	45 346,540	874 382,635	19,282	18,816	66	72	72 123	2 881,257	25 906,418	8,991	8,525
17	23	98 947	43 170,061	829 036,096	19,204	18,738	67	73	69 852	2 657,627	23 025,160	8,664	8,197
18	24	98 904	41 096,658	785 866,035	19,122	18,656	68	74	67 441	2 443,717	20 367,533	8,335	7,868
19	25	98 850	39 118,139	744 769,376	19,039	18,573	69	75	64 914	2 240,136	17 923,817	8,001	7,535
20	26	98 790	37 233,097	705 651,237	18,952	18,486	70	76	62 267	2 046,463	15 683,681	7,664	7,197
21	27	98 732	35 439,143	668 418,140	18,861	18,395	71	77	59 517	1 862,942	13 637,218	7,320	6,854
22	28	98 671	33 730,837	632 978,997	18,766	18,299	72	78	56 643	1 688,572	11 774,276	6,973	6,507
23	29	98 607	32 103,497	599 248,160	18,666	18,200	73	79	53 654	1 523,291	10 085,705	6,621	6,155
24	30	98 541	30 554,370	567 144,663	18,562	18,095	74	80	50 502	1 365,521	8 562,413	6,270	5,804
25	31	98 468	29 077,846	536 590,293	18,454	17,987	75	81	47 202	1 215,515	7 196,892	5,921	5,454
26	32	98 393	27 672,041	507 512,447	18,340	17,874	76	82	43 743	1 072,813	5 981,377	5,575	5,109
27	33	98 316	26 333,863	479 840,406	18,221	17,755	77	83	40 126	937,241	4 908,564	5,237	4,771
28	34	98 238	25 059,810	453 506,543	18,097	17,631	78	84	36 385	809,387	3 971,323	4,907	4,440
29	35	98 155	23 846,339	428 446,733	17,967	17,501	79	85	32 541	689,401	3 161,936	4,586	4,120
30	36	98 061	22 688,996	404 600,393	17,832	17,366	80	86	28 651	578,098	2 472,535	4,277	3,811
31	37	97 962	21 586,857	381 911,397	17,692	17,225	81	87	24 746	475,523	1 894,437	3,984	3,517
32	38	97 856	20 536,743	360 324,540	17,545	17,079	82	88	20 907	382,623	1 418,913	3,708	3,242
33	39	97 742	19 536,024	339 787,796	17,393	16,926	83	89	17 252	300,690	1 036,290	3,446	2,980
34	40	97 610	18 580,595	320 251,773	17,236	16,769	84	90	13 842	229,776	735,600	3,201	2,735
35	41	97 480	17 672,173	301 671,177	17,070	16,604	85	91	10 748	169,921	505,824	2,977	2,510
36	42	97 335	16 805,608	283 999,004	16,899	16,433	86	92	8 051	121,222	335,902	2,771	2,305
37	43	97 171	15 978,304	267 193,396	16,722	16,256	87	93	5 788	83,001	214,680	2,586	2,120
38	44	96 987	15 188,635	251 215,093	16,540	16,073	88	94	3 985	54,428	131,680	2,419	1,953
39	45	96 797	14 437,001	236 026,457	16,349	15,882	89	95	2 620	34,081	77,252	2,267	1,800
40	46	96 581	13 718,877	221 589,456	16,152	15,686	90	96	1 631	20,207	43,171	2,136	1,670
41	47	96 347	13 033,974	207 870,580	15,948	15,482	91	97	960	11,326	22,964	2,028	1,561
42	48	96 082	12 379,194	194 836,605	15,739	15,273	92	98	541	6,081	11,638	1,914	1,448
43	49	95 801	11 755,170	182 457,411	15,521	15,055	93	99	286	3,061	5,558	1,816	1,349
44	50	95 487	11 158,723	170 702,241	15,298	14,831	94	100	142	1,445	2,497	1,728	1,261
45	51	95 146	10 589,367	159 543,518	15,066	14,600							
46	52	94 770	10 045,256	148 954,151	14,828	14,362							
47	53	94 366	9 526,131	138 908,895	14,582	14,115							
48	54	93 912	9 028,917	129 382,764	14,330	13,863							
49	55	93 408	8 552,780	120 353,847	14,072	13,605							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	2 001 417,304	20,086	19,620	50	57	92 530	8 068,927	110 247,856	13,663	13,197
1	8	99 300	94 571,677	1 901 774,927	20,109	19,643	51	58	91 886	7 631,226	102 178,929	13,390	12,923
2	9	99 269	90 040,007	1 807 203,250	20,071	19,605	52	59	91 175	7 211,606	94 547,703	13,110	12,644
3	10	99 251	85 736,424	1 717 163,243	20,028	19,562	53	60	90 390	6 809,048	87 336,097	12,826	12,360
4	11	99 233	81 639,519	1 631 426,819	19,983	19,517	54	61	89 520	6 422,439	80 527,049	12,538	12,072
5	12	99 214	77 737,072	1 549 787,301	19,936	19,470	55	62	88 575	6 051,977	74 104,610	12,245	11,778
6	13	99 199	74 023,900	1 472 050,228	19,886	19,420	56	63	87 532	5 695,926	68 052,632	11,948	11,481
7	14	99 182	70 487,033	1 398 026,328	19,834	19,367	57	64	86 389	5 353,893	62 356,706	11,647	11,181
8	15	99 164	67 117,791	1 327 539,296	19,779	19,313	58	65	85 143	5 025,388	57 002,814	11,343	10,877
9	16	99 145	63 909,438	1 260 421,504	19,722	19,256	59	66	83 808	4 711,059	51 977,425	11,033	10,567
10	17	99 124	60 853,465	1 196 512,066	19,662	19,196	60	67	82 352	4 408,782	47 266,367	10,721	10,255
11	18	99 104	57 943,852	1 135 658,601	19,599	19,133	61	68	80 802	4 119,807	42 857,584	10,403	9,936
12	19	99 081	55 171,850	1 077 714,749	19,534	19,067	62	69	79 131	3 842,450	38 737,778	10,082	9,615
13	20	99 056	52 531,332	1 022 542,899	19,465	18,999	63	70	77 298	3 574,709	34 895,327	9,762	9,295
14	21	99 030	50 017,002	970 011,567	19,394	18,927	64	71	75 339	3 318,202	31 320,619	9,439	8,973
15	22	99 001	47 621,268	919 994,565	19,319	18,853	65	72	73 248	3 072,489	28 002,417	9,114	8,648
16	23	98 969	45 338,932	872 373,297	19,241	18,775	66	73	71 045	2 838,188	24 929,928	8,784	8,317
17	24	98 930	43 163,000	827 034,365	19,161	18,694	67	74	68 683	2 613,149	22 091,740	8,454	7,988
18	25	98 888	41 089,907	783 871,365	19,077	18,611	68	75	66 214	2 399,260	19 478,591	8,119	7,652
19	26	98 830	39 110,534	742 781,458	18,992	18,525	69	76	63 608	2 195,064	17 079,331	7,781	7,314
20	27	98 773	37 226,461	703 670,923	18,907	18,436	70	77	60 887	2 001,136	14 884,267	7,438	6,972
21	28	98 711	35 431,710	666 444,462	18,809	18,343	71	78	58 092	1 818,346	12 883,130	7,085	6,619
22	29	98 648	33 722,810	631 012,753	18,712	18,245	72	79	55 102	1 642,630	11 064,784	6,736	6,270
23	30	98 582	32 095,575	597 289,943	18,610	18,143	73	80	52 001	1 476,361	9 422,154	6,382	5,916
24	31	98 513	30 545,730	565 194,368	18,503	18,037	74	81	48 721	1 317,371	7 945,793	6,032	5,565
25	32	98 436	29 068,482	534 648,639	18,393	17,926	75	82	45 294	1 166,390	6 628,422	5,683	5,216
26	33	98 360	27 662,746	505 580,156	18,277	17,810	76	83	41 687	1 022,389	5 462,033	5,342	4,876
27	34	98 282	26 324,640	477 917,410	18,155	17,688	77	84	37 911	885,509	4 439,644	5,014	4,547
28	35	98 200	25 050,243	451 592,770	18,027	17,561	78	85	34 064	757,758	3 554,135	4,690	4,224
29	36	98 109	23 835,205	426 542,527	17,895	17,429	79	86	30 143	638,596	2 796,377	4,379	3,913
30	37	98 014	22 678,177	402 707,323	17,757	17,291	80	87	26 208	528,799	2 157,781	4,081	3,614
31	38	97 913	21 575,957	380 029,146	17,614	17,147	81	88	22 294	428,401	1 628,982	3,802	3,336
32	39	97 802	20 525,364	358 453,189	17,464	16,998	82	89	18 538	339,271	1 200,581	3,539	3,072
33	40	97 679	19 523,313	337 927,825	17,309	16,843	83	90	15 030	261,960	861,310	3,288	2,822
34	41	97 549	18 568,831	318 404,512	17,147	16,681	84	91	11 806	195,972	599,351	3,058	2,592
35	42	97 409	17 659,221	299 835,681	16,979	16,513	85	92	8 965	141,726	403,378	2,846	2,380
36	43	97 256	16 792,048	282 176,460	16,804	16,338	86	93	6 538	98,439	261,652	2,658	2,192
37	44	97 084	15 963,992	265 384,412	16,624	16,158	87	94	4 576	65,615	163,213	2,487	2,021
38	45	96 895	15 174,269	249 420,420	16,437	15,971	88	95	3 071	41,939	97,598	2,327	1,861
39	46	96 692	14 421,472	234 246,151	16,243	15,776	89	96	1 954	25,416	55,659	2,190	1,724
40	47	96 466	13 702,631	219 824,679	16,043	15,576	90	97	1 176	14,563	30,243	2,077	1,610
41	48	96 222	13 017,038	206 122,048	15,835	15,368	91	98	677	7,988	15,680	1,963	1,497
42	49	95 936	12 360,413	193 105,010	15,623	15,156	92	99	369	4,141	7,692	1,858	1,391
43	50	95 639	11 735,373	180 744,596	15,402	14,935	93	100	188	2,010	3,552	1,767	1,301
44	51	95 311	11 138,147	169 009,223	15,174	14,708							
45	52	94 948	10 567,379	157 871,076	14,939	14,473							
46	53	94 561	10 023,112	147 303,697	14,696	14,230							
47	54	94 132	9 502,519	137 280,585	14,447	13,980							
48	55	93 654	9 004,049	127 778,066	14,191	13,725							
49	56	93 117	8 526,161	118 774,017	13,931	13,464							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	1 999 148,870	20,064	19,598	50	58	92 182	8 038,618	108 591,793	13,509	13,042
1	9	99 293	94 564,861	1 899 511,238	20,087	19,620	51	59	91 502	7 599,376	100 553,175	13,232	12,765
2	10	99 264	90 035,221	1 804 946,377	20,047	19,581	52	60	90 752	7 178,184	92 953,799	12,949	12,483
3	11	99 245	85 731,657	1 714 911,155	20,003	19,537	53	61	89 926	6 774,139	85 775,615	12,662	12,196
4	12	99 226	81 633,240	1 629 179,498	19,957	19,491	54	62	89 020	6 386,562	79 001,475	12,370	11,904
5	13	99 208	77 732,159	1 547 546,258	19,909	19,442	55	63	88 032	6 014,928	72 614,913	12,072	11,606
6	14	99 191	74 018,049	1 469 814,099	19,858	19,391	56	64	86 940	5 657,420	66 599,985	11,772	11,306
7	15	99 173	70 480,530	1 395 796,049	19,804	19,338	57	65	85 749	5 314,227	60 942,565	11,468	11,001
8	16	99 152	67 110,021	1 325 315,519	19,748	19,282	58	66	84 461	4 985,116	55 628,338	11,159	10,692
9	17	99 132	63 901,268	1 258 205,498	19,690	19,223	59	67	83 074	4 669,800	50 643,222	10,845	10,378
10	18	99 111	60 845,576	1 194 304,230	19,628	19,162	60	68	81 582	4 367,525	45 973,421	10,526	10,060
11	19	99 088	57 934,446	1 133 458,654	19,565	19,098	61	69	79 978	4 077,768	41 605,896	10,203	9,737
12	20	99 064	55 162,782	1 075 524,208	19,497	19,031	62	70	78 217	3 798,084	37 528,128	9,881	9,414
13	21	99 039	52 522,733	1 020 361,426	19,427	18,961	63	71	76 327	3 529,840	33 730,044	9,556	9,089
14	22	99 013	50 008,510	967 838,693	19,353	18,887	64	72	74 298	3 272,362	30 200,204	9,229	8,762
15	23	98 985	47 613,278	917 830,184	19,277	18,810	65	73	72 153	3 026,562	26 927,842	8,897	8,431
16	24	98 953	45 331,516	870 216,905	19,197	18,730	66	74	69 856	2 790,688	23 901,280	8,565	8,098
17	25	98 914	43 155,910	824 885,389	19,114	18,648	67	75	67 433	2 565,610	21 110,592	8,228	7,762
18	26	98 869	41 081,919	781 729,480	19,029	18,562	68	76	64 882	2 350,987	18 544,982	7,888	7,422
19	27	98 813	39 103,563	740 647,561	18,941	18,474	69	77	62 199	2 146,446	16 193,994	7,545	7,078
20	28	98 752	37 218,653	701 543,997	18,849	18,383	70	78	59 430	1 953,232	14 047,548	7,192	6,726
21	29	98 688	35 423,277	664 325,345	18,754	18,288	71	79	56 512	1 768,873	12 094,316	6,837	6,371
22	30	98 624	33 714,488	628 902,067	18,654	18,187	72	80	53 405	1 592,023	10 325,443	6,486	6,019
23	31	98 554	32 086,499	595 187,579	18,549	18,083	73	81	50 167	1 424,302	8 733,420	6,132	5,665
24	32	98 481	30 535,894	563 101,081	18,441	17,974	74	82	46 752	1 264,129	7 309,117	5,782	5,316
25	33	98 403	29 058,718	532 565,187	18,327	17,861	75	83	43 165	1 111,567	6 044,988	5,438	4,972
26	34	98 325	27 653,058	503 506,469	18,208	17,742	76	84	39 386	965,957	4 933,421	5,107	4,641
27	35	98 244	26 314,590	475 853,411	18,083	17,617	77	85	35 493	829,024	3 967,465	4,786	4,319
28	36	98 154	25 038,546	449 538,821	17,954	17,487	78	86	31 554	701,916	3 138,441	4,471	4,005
29	37	98 062	23 823,839	424 500,276	17,818	17,352	79	87	27 572	584,138	2 436,525	4,171	3,705
30	38	97 964	22 666,726	400 676,437	17,677	17,210	80	88	23 611	476,398	1 852,387	3,888	3,422
31	39	97 858	21 564,002	378 009,711	17,530	17,063	81	89	19 768	379,862	1 375,989	3,622	3,156
32	40	97 739	20 512,009	356 445,709	17,377	16,911	82	90	16 150	295,570	996,127	3,370	2,904
33	41	97 617	19 510,952	335 933,700	17,218	16,751	83	91	12 818	223,421	700,557	3,136	2,669
34	42	97 477	18 555,221	316 422,748	17,053	16,587	84	92	9 847	163,455	477,136	2,919	2,453
35	43	97 330	17 644,972	297 867,527	16,881	16,415	85	93	7 280	115,090	313,681	2,726	2,259
36	44	97 169	16 777,008	280 222,555	16,703	16,236	86	94	5 169	77,820	198,592	2,552	2,086
37	45	96 992	15 948,892	263 445,547	16,518	16,052	87	95	3 526	50,560	120,772	2,389	1,922
38	46	96 791	15 157,947	247 496,655	16,328	15,861	88	96	2 290	31,276	70,212	2,245	1,779
39	47	96 578	14 404,394	232 338,708	16,130	15,663	89	97	1 408	18,317	38,937	2,126	1,659
40	48	96 341	13 684,826	217 934,314	15,925	15,459	90	98	829	10,271	20,620	2,008	1,541
41	49	96 076	12 997,290	204 249,488	15,715	15,248	91	99	461	5,439	10,349	1,903	1,436
42	50	95 775	12 339,598	191 252,197	15,499	15,033	92	100	242	2,719	4,910	1,805	1,339
43	51	95 463	11 713,735	178 912,600	15,274	14,807							
44	52	95 113	11 115,019	167 198,865	15,043	14,576							
45	53	94 739	10 544,084	156 083,846	14,803	14,337							
46	54	94 326	9 998,269	145 539,763	14,556	14,090							
47	55	93 872	9 476,347	135 541,494	14,303	13,837							
48	56	93 362	8 976,025	126 065,147	14,045	13,578							
49	57	92 802	8 497,329	117 089,122	13,780	13,313							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	1 996 717,046	20,041	19,575	50	59	91 797	8 005,068	106 830,539	13,345	12,879
1	10	99 288	94 559,835	1 897 086,595	20,062	19,596	51	60	91 078	7 564,157	98 825,471	13,065	12,599
2	11	99 258	90 030,216	1 802 526,760	20,021	19,555	52	61	90 287	7 141,383	91 261,314	12,779	12,313
3	12	99 237	85 725,064	1 712 496,544	19,977	19,510	53	62	89 424	6 736,298	84 119,931	12,488	12,021
4	13	99 219	81 628,081	1 626 771,480	19,929	19,463	54	63	88 475	6 347,464	77 383,633	12,191	11,725
5	14	99 200	77 726,016	1 545 143,399	19,879	19,413	55	64	87 437	5 974,266	71 036,169	11,890	11,424
6	15	99 182	74 011,221	1 467 417,383	19,827	19,361	56	65	86 296	5 615,506	65 061,903	11,586	11,120
7	16	99 162	70 472,371	1 393 406,162	19,772	19,306	57	66	85 062	5 271,640	59 446,397	11,277	10,810
8	17	99 139	67 101,442	1 322 933,792	19,715	19,249	58	67	83 721	4 941,458	54 174,757	10,963	10,497
9	18	99 119	63 892,983	1 255 832,350	19,655	19,189	59	68	82 297	4 626,101	49 233,299	10,643	10,176
10	19	99 095	60 835,699	1 191 939,367	19,593	19,126	60	69	80 749	4 322,959	44 607,198	10,319	9,852
11	20	99 071	57 924,924	1 131 103,668	19,527	19,061	61	70	79 054	4 030,685	40 284,239	9,994	9,528
12	21	99 048	55 153,442	1 073 178,744	19,458	18,992	62	71	77 235	3 750,412	36 253,554	9,667	9,200
13	22	99 023	52 513,815	1 018 024,991	19,386	18,919	63	72	75 273	3 481,077	32 503,143	9,337	8,871
14	23	98 997	50 000,119	965 511,176	19,310	18,844	64	73	73 187	3 223,447	29 022,066	9,003	8,537
15	24	98 968	47 605,491	915 511,057	19,231	18,765	65	74	70 945	2 975,909	25 798,618	8,669	8,203
16	25	98 937	45 324,669	867 905,567	19,149	18,682	66	75	68 585	2 739,920	22 822,709	8,330	7,863
17	26	98 895	43 147,520	822 581,497	19,064	18,598	67	76	66 076	2 513,990	20 082,790	7,988	7,522
18	27	98 851	41 074,596	779 433,977	18,976	18,510	68	77	63 445	2 298,916	17 568,800	7,642	7,176
19	28	98 792	39 095,361	738 359,381	18,886	18,420	69	78	60 710	2 095,064	15 269,884	7,289	6,822
20	29	98 729	37 209,795	699 264,020	18,792	18,326	70	79	57 813	1 900,090	13 174,820	6,934	6,467
21	30	98 664	35 414,536	662 054,224	18,694	18,228	71	80	54 770	1 714,377	11 274,731	6,577	6,110
22	31	98 596	33 704,954	626 639,688	18,592	18,126	72	81	51 522	1 535,886	9 560,354	6,225	5,758
23	32	98 523	32 076,167	592 934,735	18,485	18,019	73	82	48 140	1 366,739	8 024,468	5,871	5,405
24	33	98 448	30 525,637	560 858,568	18,373	17,907	74	83	44 554	1 204,712	6 657,729	5,526	5,060
25	34	98 369	29 048,541	530 332,931	18,257	17,790	75	84	40 783	1 050,213	5 453,017	5,192	4,726
26	35	98 288	27 642,500	501 284,390	18,135	17,668	76	85	36 874	904,340	4 402,804	4,869	4,402
27	36	98 198	26 302,302	473 641,890	18,008	17,541	77	86	32 877	767,930	3 498,463	4,556	4,089
28	37	98 108	25 026,606	447 339,588	17,875	17,408	78	87	28 863	642,058	2 730,533	4,253	3,786
29	38	98 013	23 811,809	422 312,982	17,735	17,269	79	88	24 840	526,253	2 088,476	3,969	3,502
30	39	97 910	22 654,166	398 501,173	17,591	17,124	80	89	20 936	422,420	1 562,223	3,698	3,232
31	40	97 795	21 549,971	375 847,007	17,441	16,974	81	90	17 222	330,933	1 139,803	3,444	2,978
32	41	97 677	20 499,022	354 297,035	17,284	16,817	82	91	13 774	252,087	808,870	3,209	2,742
33	42	97 545	19 496,652	333 798,013	17,121	16,654	83	92	10 692	186,349	556,783	2,988	2,521
34	43	97 398	18 540,250	314 301,361	16,952	16,486	84	93	7 996	132,734	370,434	2,791	2,324
35	44	97 243	17 629,168	295 761,111	16,777	16,310	85	94	5 755	90,983	237,700	2,613	2,146
36	45	97 077	16 761,139	278 131,943	16,594	16,127	86	95	3 983	59,964	146,717	2,447	1,980
37	46	96 887	15 931,737	261 370,804	16,406	15,939	87	96	2 629	37,705	86,753	2,301	1,834
38	47	96 676	15 139,997	245 439,068	16,211	15,745	88	97	1 650	22,540	49,048	2,176	1,710
39	48	96 452	14 385,678	230 299,071	16,009	15,543	89	98	993	12,918	26,508	2,052	1,586
40	49	96 195	13 664,065	215 913,393	15,802	15,335	90	99	565	6,994	13,590	1,943	1,477
41	50	95 914	12 975,402	202 249,328	15,587	15,121	91	100	303	3,572	6,596	1,846	1,380
42	51	95 598	12 316,845	189 273,927	15,367	14,901							
43	52	95 265	11 689,411	176 957,082	15,138	14,672							
44	53	94 903	11 090,517	165 267,671	14,902	14,435							
45	54	94 504	10 517,949	154 177,154	14,658	14,192							
46	55	94 066	9 970,731	143 659,205	14,408	13,942							
47	56	93 580	9 446,853	133 688,474	14,152	13,685							
48	57	93 046	8 945,672	124 241,621	13,888	13,422							
49	58	92 454	8 465,410	115 295,949	13,620	13,153							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	1 994 116,096	20,016	19,550	50	60	91 372	7 967,969	104 962,179	13,173	12,707
1	11	99 282	94 554,578	1 894 490,940	20,036	19,570	51	61	90 611	7 525,377	96 994,210	12,889	12,423
2	12	99 251	90 023,292	1 799 936,362	19,994	19,528	52	62	89 783	7 101,490	89 468,833	12,599	12,132
3	13	99 231	85 719,646	1 709 913,070	19,948	19,481	53	63	88 877	6 695,059	82 367,343	12,303	11,836
4	14	99 212	81 621,629	1 624 193,423	19,899	19,433	54	64	87 877	6 304,554	75 672,284	12,003	11,536
5	15	99 191	77 718,845	1 542 571,794	19,848	19,382	55	65	86 789	5 930,003	69 367,730	11,698	11,231
6	16	99 171	74 002,653	1 464 852,949	19,795	19,328	56	66	85 604	5 570,505	63 437,727	11,388	10,922
7	17	99 149	70 463,361	1 390 850,296	19,739	19,272	57	67	84 317	5 225,473	57 867,222	11,074	10,608
8	18	99 127	67 092,742	1 320 386,934	19,680	19,214	58	68	82 938	4 895,216	52 641,749	10,754	10,287
9	19	99 103	63 882,612	1 253 294,193	19,619	19,152	59	69	81 457	4 578,896	47 746,533	10,428	9,961
10	20	99 079	60 825,700	1 189 411,581	19,554	19,088	60	70	79 817	4 273,045	43 167,637	10,102	9,636
11	21	99 055	57 915,443	1 128 585,881	19,487	19,020	61	71	78 062	3 980,093	38 894,592	9,772	9,306
12	22	99 031	55 144,388	1 070 670,438	19,416	18,949	62	72	76 168	3 698,601	34 914,499	9,440	8,974
13	23	99 006	52 505,004	1 015 526,051	19,342	18,875	63	73	74 148	3 429,042	31 215,898	9,103	8,637
14	24	98 981	49 991,941	963 021,047	19,264	18,797	64	74	71 962	3 169,500	27 786,856	8,767	8,301
15	25	98 952	47 597,671	913 029,105	19,182	18,716	65	75	69 655	2 921,771	24 617,356	8,425	7,959
16	26	98 918	45 315,258	865 431,435	19,098	18,632	66	76	67 205	2 684,793	21 695,585	8,081	7,615
17	27	98 877	43 139,829	820 116,177	19,011	18,544	67	77	64 613	2 458,308	19 010,793	7,733	7,267
18	28	98 830	41 065,981	776 976,348	18,920	18,454	68	78	61 926	2 243,883	16 552,485	7,377	6,910
19	29	98 769	39 086,057	735 910,367	18,828	18,362	69	79	59 058	2 038,062	14 308,601	7,021	6,554
20	30	98 704	37 200,613	696 824,310	18,732	18,265	70	80	56 032	1 841,551	12 270,539	6,663	6,197
21	31	98 636	35 404,521	659 623,697	18,631	18,165	71	81	52 839	1 653,926	10 428,988	6,306	5,839
22	32	98 564	33 694,101	624 219,175	18,526	18,060	72	82	49 439	1 473,813	8 775,063	5,954	5,488
23	33	98 490	32 065,392	590 525,074	18,416	17,950	73	83	45 877	1 302,499	7 301,250	5,606	5,139
24	34	98 414	30 514,946	558 459,682	18,301	17,835	74	84	42 095	1 138,217	5 998,751	5,270	4,804
25	35	98 331	29 037,450	527 944,737	18,182	17,715	75	85	38 181	983,222	4 860,534	4,943	4,477
26	36	98 242	27 629,593	498 907,286	18,057	17,591	76	86	34 156	837,696	3 877,312	4,629	4,162
27	37	98 152	26 289,760	471 277,693	17,926	17,460	77	87	30 074	702,442	3 039,616	4,327	3,861
28	38	98 058	25 013,969	444 987,934	17,790	17,323	78	88	26 003	578,433	2 337,174	4,041	3,574
29	39	97 958	23 798,615	419 973,964	17,647	17,181	79	89	22 025	466,626	1 758,741	3,769	3,303
30	40	97 846	22 639,426	396 175,350	17,499	17,033	80	90	18 239	368,009	1 292,114	3,511	3,045
31	41	97 733	21 536,328	373 535,924	17,344	16,878	81	91	14 688	282,247	924,105	3,274	2,808
32	42	97 605	20 483,998	351 999,596	17,184	16,718	82	92	11 489	210,259	641,858	3,053	2,586
33	43	97 467	19 480,921	331 515,598	17,017	16,551	83	93	8 682	151,326	431,599	2,852	2,386
34	44	97 311	18 523,644	312 034,677	16,845	16,379	84	94	6 321	104,932	280,273	2,671	2,205
35	45	97 151	17 612,493	293 511,034	16,665	16,199	85	95	4 435	70,106	175,342	2,501	2,035
36	46	96 973	16 743,110	275 898,541	16,478	16,012	86	96	2 970	44,718	105,235	2,353	1,887
37	47	96 773	15 912,871	259 155,431	16,286	15,819	87	97	1 895	27,173	60,518	2,227	1,761
38	48	96 550	15 120,324	243 242,560	16,087	15,621	88	98	1 164	15,897	33,344	2,098	1,631
39	49	96 306	14 363,853	228 122,236	15,882	15,415	89	99	676	8,797	17,448	1,983	1,517
40	50	96 033	13 641,054	213 758,383	15,670	15,204	90	100	371	4,593	8,651	1,883	1,417
41	51	95 737	12 951,476	200 117,329	15,451	14,985							
42	52	95 400	12 291,269	187 165,853	15,228	14,761							
43	53	95 055	11 663,643	174 874,584	14,993	14,527							
44	54	94 668	11 063,028	163 210,942	14,753	14,286							
45	55	94 244	10 488,980	152 147,914	14,506	14,039							
46	56	93 774	9 939,698	141 658,934	14,252	13,785							
47	57	93 264	9 414,907	131 719,235	13,990	13,524							
48	58	92 697	8 912,069	122 304,328	13,723	13,257							
49	59	92 068	8 430,079	113 392,259	13,451	12,985							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	1 991 335,634	19,989	19,523	50	61	90 903	7 927,119	102 985,220	12,992	12,525
1	12	99 275	94 547,307	1 891 716,017	20,008	19,542	51	62	90 105	7 483,339	95 058,101	12,703	12,236
2	13	99 244	90 017,603	1 797 168,710	19,965	19,498	52	63	89 233	7 058,015	87 574,762	12,408	11,941
3	14	99 223	85 712,871	1 707 151,107	19,917	19,451	53	64	88 276	6 649,799	80 516,746	12,108	11,642
4	15	99 202	81 614,100	1 621 438,236	19,867	19,401	54	65	87 226	6 257,845	73 866,948	11,804	11,337
5	16	99 180	77 709,848	1 539 824,136	19,815	19,349	55	66	86 094	5 882,482	67 609,103	11,493	11,027
6	17	99 158	73 993,192	1 462 114,289	19,760	19,294	56	67	84 855	5 521,720	61 726,620	11,179	10,712
7	18	99 136	70 454,226	1 388 121,096	19,702	19,236	57	68	83 528	5 176,573	56 204,901	10,858	10,391
8	19	99 110	67 081,851	1 317 666,871	19,643	19,176	58	69	82 091	4 845,265	51 028,328	10,532	10,065
9	20	99 087	63 872,112	1 250 585,019	19,580	19,113	59	70	80 517	4 526,027	46 183,062	10,204	9,737
10	21	99 062	60 815,744	1 186 712,908	19,513	19,047	60	71	78 815	4 219,411	41 657,036	9,873	9,406
11	22	99 038	57 905,609	1 125 897,164	19,444	18,977	61	72	76 984	3 925,110	37 437,625	9,538	9,072
12	23	99 015	55 135,136	1 067 991,555	19,370	18,904	62	73	75 030	3 643,315	33 512,515	9,198	8,732
13	24	98 990	52 496,417	1 012 856,420	19,294	18,827	63	74	72 907	3 371,653	29 869,200	8,859	8,393
14	25	98 964	49 983,729	960 360,003	19,213	18,747	64	75	70 653	3 111,840	26 497,546	8,515	8,049
15	26	98 933	47 588,417	910 376,274	19,130	18,664	65	76	68 253	2 862,985	23 385,707	8,168	7,702
16	27	98 900	45 307,181	862 787,857	19,043	18,577	66	77	65 717	2 625,328	20 522,722	7,817	7,351
17	28	98 857	43 130,781	817 480,676	18,954	18,487	67	78	63 066	2 399,460	17 897,394	7,459	6,993
18	29	98 807	41 056,208	774 349,896	18,861	18,394	68	79	60 241	2 182,833	15 497,934	7,100	6,634
19	30	98 744	39 076,412	733 293,688	18,766	18,299	69	80	57 239	1 975,273	13 315,101	6,741	6,274
20	31	98 676	37 190,093	694 217,276	18,667	18,200	70	81	54 056	1 776,615	11 339,828	6,383	5,916
21	32	98 604	35 393,121	657 027,182	18,564	18,097	71	82	50 704	1 587,082	9 563,213	6,026	5,559
22	33	98 531	33 682,783	621 634,062	18,456	17,989	72	83	47 115	1 404,540	7 976,132	5,679	5,212
23	34	98 455	32 054,162	587 951,279	18,342	17,876	73	84	43 345	1 230,606	6 571,591	5,340	4,874
24	35	98 376	30 503,295	555 897,117	18,224	17,758	74	85	39 410	1 065,612	5 340,985	5,012	4,546
25	36	98 285	29 023,892	525 393,822	18,102	17,636	75	86	35 367	910,764	4 275,373	4,694	4,228
26	37	98 195	27 616,417	496 369,930	17,974	17,507	76	87	31 244	766,259	3 364,608	4,391	3,925
27	38	98 102	26 276,485	468 753,513	17,839	17,373	77	88	27 094	632,834	2 598,349	4,106	3,639
28	39	98 004	25 000,109	442 477,027	17,699	17,233	78	89	23 056	512,894	1 965,516	3,832	3,366
29	40	97 895	23 783,130	417 476,918	17,553	17,087	79	90	19 188	406,522	1 452,621	3,573	3,107
30	41	97 784	22 625,092	393 693,788	17,401	16,934	80	91	15 556	313,869	1 046,099	3,333	2,867
31	42	97 661	21 520,543	371 068,696	17,243	16,776	81	92	12 251	235,415	732,230	3,110	2,644
32	43	97 526	20 467,470	349 548,153	17,078	16,612	82	93	9 330	170,741	496,816	2,910	2,443
33	44	97 379	19 463,472	329 080,683	16,908	16,441	83	94	6 864	119,629	326,074	2,726	2,259
34	45	97 219	18 506,123	309 617,211	16,731	16,264	84	95	4 871	80,855	206,445	2,553	2,087
35	46	97 046	17 593,548	291 111,088	16,546	16,080	85	96	3 307	52,282	125,591	2,402	1,936
36	47	96 858	16 723,283	273 517,540	16,355	15,889	86	97	2 140	32,227	73,309	2,275	1,808
37	48	96 647	15 892,194	256 794,257	16,159	15,692	87	98	1 336	19,164	41,082	2,144	1,677
38	49	96 404	15 097,385	240 902,063	15,957	15,490	88	99	793	10,825	21,918	2,025	1,558
39	50	96 144	14 339,663	225 804,678	15,747	15,280	89	100	444	5,777	11,092	1,920	1,454
40	51	95 856	13 615,901	211 465,015	15,531	15,064							
41	52	95 538	12 924,583	197 849,114	15,308	14,842							
42	53	95 189	12 264,174	184 924,531	15,078	14,612							
43	54	94 819	11 634,733	172 660,358	14,840	14,374							
44	55	94 407	11 032,558	161 025,624	14,595	14,129							
45	56	93 950	10 456,334	149 993,067	14,345	13,878							
46	57	93 457	9 906,086	139 536,733	14,086	13,620							
47	58	92 913	9 379,542	129 630,646	13,821	13,354							
48	59	92 310	8 874,874	120 251,104	13,550	13,083							
49	60	91 641	8 391,010	111 376,230	13,273	12,807							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	1 988 367,144	19,961	19,495	50	62	90 396	7 882,837	100 898,469	12,800	12,333
1	13	99 268	94 541,332	1 888 755,188	19,978	19,512	51	63	89 554	7 437,527	93 015,633	12,506	12,040
2	14	99 237	90 010,488	1 794 213,857	19,933	19,467	52	64	88 630	7 010,302	85 578,106	12,207	11,741
3	15	99 214	85 704,964	1 704 203,369	19,885	19,418	53	65	87 622	6 600,532	78 567,804	11,903	11,437
4	16	99 191	81 604,651	1 618 498,404	19,833	19,367	54	66	86 527	6 207,697	71 967,272	11,593	11,127
5	17	99 167	77 699,913	1 536 893,753	19,780	19,313	55	67	85 340	5 830,965	65 759,576	11,278	10,811
6	18	99 145	73 983,599	1 459 193,840	19,723	19,257	56	68	84 060	5 470,048	59 928,611	10,956	10,489
7	19	99 120	70 442,790	1 385 210,241	19,664	19,198	57	69	82 676	5 123,751	54 458,563	10,629	10,162
8	20	99 094	67 070,825	1 314 767,452	19,603	19,136	58	70	81 143	4 789,321	49 334,812	10,301	9,835
9	21	99 070	63 861,657	1 247 696,626	19,537	19,071	59	71	79 506	4 469,217	44 545,491	9,967	9,501
10	22	99 046	60 805,417	1 183 834,970	19,469	19,003	60	72	77 726	4 161,122	40 076,274	9,631	9,165
11	23	99 022	57 895,894	1 123 029,552	19,397	18,931	61	73	75 833	3 866,438	35 915,152	9,289	8,823
12	24	98 999	55 126,118	1 065 133,659	19,322	18,855	62	74	73 774	3 582,340	32 048,714	8,946	8,480
13	25	98 974	52 487,793	1 010 007,541	19,243	18,776	63	75	71 581	3 310,316	28 466,374	8,599	8,133
14	26	98 945	49 974,012	957 519,748	19,160	18,694	64	76	69 232	3 049,230	25 156,058	8,250	7,784
15	27	98 915	47 579,935	907 545,736	19,074	18,608	65	77	66 742	2 799,573	22 106,828	7,896	7,430
16	28	98 879	45 297,825	859 965,802	18,985	18,518	66	78	64 144	2 562,481	19 307,255	7,535	7,068
17	29	98 833	43 120,516	814 668,124	18,893	18,426	67	79	61 350	2 334,177	16 744,774	7,174	6,707
18	30	98 782	41 046,077	771 547,608	18,797	18,331	68	80	58 385	2 115,583	14 410,597	6,812	6,345
19	31	98 716	39 065,362	730 501,531	18,699	18,233	69	81	55 220	1 905,622	12 295,014	6,452	5,986
20	32	98 645	37 178,118	691 436,169	18,598	18,132	70	82	51 871	1 704,813	10 389,392	6,094	5,628
21	33	98 571	35 381,232	654 258,052	18,492	18,025	71	83	48 320	1 512,485	8 684,580	5,742	5,276
22	34	98 496	33 670,986	618 876,820	18,380	17,914	72	84	44 515	1 327,015	7 172,094	5,405	4,938
23	35	98 418	32 041,924	585 205,833	18,264	17,797	73	85	40 580	1 152,108	5 845,079	5,073	4,607
24	36	98 330	30 489,052	553 163,909	18,143	17,677	74	86	36 506	987,083	4 692,971	4,754	4,288
25	37	98 238	29 010,051	522 674,857	18,017	17,551	75	87	32 351	833,096	3 705,887	4,448	3,982
26	38	98 145	27 602,473	493 664,806	17,885	17,418	76	88	28 148	690,326	2 872,791	4,161	3,695
27	39	98 048	26 261,925	466 062,333	17,747	17,280	77	89	24 024	561,131	2 182,465	3,889	3,423
28	40	97 940	24 983,843	439 800,408	17,603	17,137	78	90	20 087	446,830	1 621,334	3,629	3,162
29	41	97 833	23 768,073	414 816,565	17,453	16,986	79	91	16 365	346,716	1 174,503	3,388	2,921
30	42	97 713	22 608,509	391 048,492	17,297	16,830	80	92	12 975	261,789	827,788	3,162	2,696
31	43	97 582	21 503,179	368 439,983	17,134	16,668	81	93	9 948	191,169	565,998	2,961	2,494
32	44	97 439	20 449,138	346 936,804	16,966	16,499	82	94	7 375	134,978	374,829	2,777	2,311
33	45	97 287	19 445,062	326 487,667	16,790	16,324	83	95	5 289	92,179	239,851	2,602	2,136
34	46	97 115	18 486,217	307 042,604	16,609	16,143	84	96	3 632	60,297	147,671	2,449	1,983
35	47	96 931	17 572,714	288 556,388	16,421	15,954	85	97	2 383	37,679	87,374	2,319	1,853
36	48	96 732	16 701,553	270 983,674	16,225	15,759	86	98	1 510	22,729	49,696	2,186	1,720
37	49	96 500	15 868,084	254 282,121	16,025	15,558	87	99	910	13,050	26,967	2,066	1,600
38	50	96 242	15 071,960	238 414,037	15,818	15,352	88	100	521	7,109	13,917	1,958	1,491
39	51	95 967	14 313,222	223 342,077	15,604	15,137							
40	52	95 657	13 587,627	209 028,854	15,384	14,917							
41	53	95 328	12 896,091	195 441,227	15,155	14,689							
42	54	94 954	12 233,776	182 545,136	14,921	14,455							
43	55	94 558	11 602,688	170 311,360	14,679	14,212							
44	56	94 113	10 998,220	158 708,672	14,430	13,964							
45	57	93 633	10 420,975	147 710,452	14,174	13,708							
46	58	93 106	9 868,876	137 289,476	13,911	13,445							
47	59	92 526	9 340,396	127 420,600	13,642	13,175							
48	60	91 882	8 833,744	118 080,204	13,367	12,901							
49	61	91 171	8 347,991	109 246,460	13,087	12,620							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	1 985 203,801	19,931	19,464	50	63	89 842	7 834,578	98 700,481	12,598	12,132
1	14	99 261	94 533,859	1 885 598,140	19,946	19,480	51	64	88 948	7 387,248	90 865,903	12,300	11,834
2	15	99 227	90 002,185	1 791 064,281	19,900	19,434	52	65	87 973	6 958,364	83 478,655	11,997	11,530
3	16	99 203	85 695,042	1 701 062,096	19,850	19,384	53	66	86 920	6 547,637	76 520,291	11,687	11,220
4	17	99 178	81 594,219	1 615 367,054	19,798	19,331	54	67	85 769	6 153,331	69 972,654	11,372	10,905
5	18	99 154	77 689,839	1 533 772,835	19,742	19,276	55	68	84 541	5 776,399	63 819,323	11,048	10,582
6	19	99 129	73 971,590	1 456 082,996	19,684	19,218	56	69	83 203	5 414,232	58 042,924	10,720	10,254
7	20	99 104	70 431,211	1 382 111,406	19,624	19,157	57	70	81 721	5 064,591	52 628,692	10,391	9,925
8	21	99 078	67 059,847	1 311 680,195	19,560	19,093	58	71	80 125	4 729,206	47 564,101	10,058	9,591
9	22	99 054	63 850,813	1 244 620,349	19,493	19,026	59	72	78 408	4 407,477	42 834,895	9,719	9,252
10	23	99 029	60 795,215	1 180 769,535	19,422	18,956	60	73	76 565	4 098,922	38 427,418	9,375	8,909
11	24	99 005	57 886,424	1 119 974,320	19,348	18,881	61	74	74 564	3 801,729	34 328,496	9,030	8,563
12	25	98 982	55 117,062	1 062 087,896	19,270	18,803	62	75	72 432	3 517,170	30 526,767	8,679	8,213
13	26	98 954	52 477,589	1 006 970,833	19,189	18,722	63	76	70 140	3 243,712	27 009,597	8,327	7,860
14	27	98 927	49 965,104	954 493,245	19,103	18,637	64	77	67 698	2 981,693	23 765,885	7,971	7,504
15	28	98 895	47 569,955	904 528,140	19,015	18,548	65	78	65 144	2 732,556	20 784,192	7,606	7,140
16	29	98 856	45 286,897	856 958,185	18,923	18,456	66	79	62 399	2 492,763	18 051,636	7,242	6,775
17	30	98 809	43 109,875	811 671,288	18,828	18,362	67	80	59 460	2 262,265	15 558,874	6,878	6,411
18	31	98 754	41 034,469	768 561,413	18,730	18,263	68	81	56 326	2 040,985	13 296,609	6,515	6,048
19	32	98 684	39 052,783	727 526,943	18,629	18,163	69	82	52 989	1 828,605	11 255,625	6,155	5,689
20	33	98 611	37 165,629	688 474,161	18,524	18,058	70	83	49 433	1 624,683	9 427,019	5,802	5,336
21	34	98 536	35 368,841	651 308,531	18,415	17,948	71	84	45 653	1 429,002	7 802,337	5,460	4,994
22	35	98 459	33 658,131	615 939,691	18,300	17,833	72	85	41 675	1 242,368	6 373,334	5,130	4,664
23	36	98 372	32 026,962	582 281,560	18,181	17,715	73	86	37 590	1 067,205	5 130,967	4,808	4,341
24	37	98 283	30 474,513	550 254,597	18,056	17,590	74	87	33 393	902,906	4 063,761	4,501	4,034
25	38	98 189	28 995,403	519 780,084	17,926	17,460	75	88	29 145	750,540	3 160,855	4,211	3,745
26	39	98 091	27 587,178	490 784,681	17,790	17,324	76	89	24 958	612,110	2 410,314	3,938	3,471
27	40	97 984	26 244,838	463 197,503	17,649	17,183	77	90	20 929	488,854	1 798,205	3,678	3,212
28	41	97 878	24 968,025	436 952,665	17,500	17,034	78	91	17 132	381,094	1 309,351	3,436	2,969
29	42	97 761	23 750,652	411 984,640	17,346	16,880	79	92	13 650	289,186	928,257	3,210	2,743
30	43	97 634	22 590,268	388 233,988	17,186	16,719	80	93	10 536	212,587	639,071	3,006	2,540
31	44	97 495	21 483,919	365 643,720	17,019	16,553	81	94	7 865	151,127	426,484	2,822	2,356
32	45	97 347	20 429,796	344 159,802	16,846	16,380	82	95	5 683	104,007	275,357	2,647	2,181
33	46	97 183	19 424,146	323 730,006	16,666	16,200	83	96	3 944	68,742	171,350	2,493	2,026
34	47	97 000	18 464,326	304 305,860	16,481	16,014	84	97	2 618	43,455	102,608	2,361	1,895
35	48	96 805	17 549,881	285 841,534	16,287	15,821	85	98	1 681	26,573	59,152	2,226	1,760
36	49	96 586	16 676,215	268 291,654	16,088	15,622	86	99	1 028	15,478	32,579	2,105	1,639
37	50	96 338	15 841,361	251 615,439	15,883	15,417	87	100	598	8,571	17,102	1,995	1,529
38	51	96 064	15 044,169	235 774,078	15,672	15,206							
39	52	95 767	14 283,501	220 729,909	15,453	14,987							
40	53	95 446	13 557,674	206 446,408	15,227	14,761							
41	54	95 091	12 864,127	192 888,734	14,994	14,528							
42	55	94 692	12 200,081	180 024,606	14,756	14,290							
43	56	94 264	11 566,576	167 824,526	14,509	14,043							
44	57	93 795	10 961,029	156 257,950	14,256	13,789							
45	58	93 281	10 381,831	145 296,921	13,995	13,529							
46	59	92 717	9 827,688	134 915,090	13,728	13,262							
47	60	92 097	9 297,108	125 087,402	13,454	12,988							
48	61	91 411	8 788,455	115 790,294	13,175	12,709							
49	62	90 662	8 301,358	107 001,839	12,890	12,423							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	1 981 834,876	19,898	19,432	50	64	89 235	7 781,615	96 390,429	12,387	11,921
1	15	99 251	94 525,138	1 882 237,088	19,913	19,446	51	65	88 289	7 332,517	88 608,813	12,084	11,618
2	16	99 216	89 991,765	1 787 711,950	19,865	19,399	52	66	87 268	6 902,602	81 276,296	11,775	11,308
3	17	99 190	85 684,087	1 697 720,185	19,814	19,347	53	67	86 158	6 490,294	74 373,695	11,459	10,993
4	18	99 165	81 583,640	1 612 036,098	19,759	19,293	54	68	84 967	6 095,749	67 883,400	11,136	10,670
5	19	99 138	77 677,229	1 530 452,458	19,703	19,236	55	69	83 679	5 717,457	61 787,652	10,807	10,340
6	20	99 113	73 959,431	1 452 775,230	19,643	19,176	56	70	82 242	5 351,717	56 070,195	10,477	10,011
7	21	99 088	70 419,683	1 378 815,799	19,580	19,114	57	71	80 695	5 001,021	50 718,478	10,142	9,675
8	22	99 061	67 048,460	1 308 396,116	19,514	19,048	58	72	79 018	4 663,875	45 717,456	9,802	9,336
9	23	99 037	63 840,101	1 241 347,656	19,445	18,978	59	73	77 236	4 341,595	41 053,582	9,456	8,989
10	24	99 013	60 785,272	1 177 507,555	19,372	18,905	60	74	75 283	4 030,322	36 711,987	9,109	8,643
11	25	98 989	57 876,915	1 116 722,283	19,295	18,828	61	75	73 207	3 732,567	32 681,665	8,756	8,289
12	26	98 963	55 152,613	1 058 845,368	19,215	18,748	62	76	70 975	3 446,405	28 949,098	8,400	7,933
13	27	98 937	52 468,235	1 003 739,021	19,130	18,664	63	77	68 587	3 171,868	25 502,693	8,040	7,574
14	28	98 907	49 954,624	951 270,786	19,043	18,576	64	78	66 078	2 910,316	22 330,825	7,673	7,207
15	29	98 871	47 558,634	901 316,162	18,952	18,485	65	79	63 371	2 658,210	19 420,509	7,306	6,839
16	30	98 831	45 275,722	853 757,528	18,857	18,390	66	80	60 476	2 415,965	16 762,299	6,938	6,472
17	31	98 781	43 097,684	808 481,806	18,759	18,293	67	81	57 364	2 182,494	14 346,335	6,573	6,107
18	32	98 723	41 021,256	765 384,121	18,658	18,192	68	82	54 050	1 958,498	12 163,841	6,211	5,744
19	33	98 651	39 039,664	724 362,865	18,555	18,088	69	83	50 498	1 742,657	10 205,343	5,856	5,390
20	34	98 577	37 152,613	685 323,201	18,446	17,980	70	84	46 705	1 535,007	8 462,687	5,513	5,047
21	35	98 499	35 355,337	648 170,588	18,333	17,867	71	85	42 741	1 337,849	6 927,680	5,178	4,712
22	36	98 413	33 642,414	612 815,251	18,216	17,749	72	86	38 604	1 150,813	5 589,831	4,857	4,391
23	37	98 325	32 011,690	579 172,836	18,093	17,626	73	87	34 384	976,196	4 439,018	4,547	4,081
24	38	98 234	30 459,126	547 161,146	17,964	17,497	74	88	30 084	813,433	3 462,822	4,257	3,791
25	39	98 134	28 979,337	516 702,020	17,830	17,364	75	89	25 843	665,501	2 649,389	3,981	3,515
26	40	98 027	27 569,229	487 722,684	17,691	17,224	76	90	21 744	533,266	1 983,888	3,720	3,254
27	41	97 922	26 228,222	460 153,455	17,544	17,078	77	91	17 850	416,935	1 450,622	3,479	3,013
28	42	97 806	24 949,724	433 925,233	17,392	16,926	78	92	14 289	317,860	1 033,686	3,252	2,786
29	43	97 682	23 731,489	408 975,509	17,233	16,767	79	93	11 085	234,834	715,827	3,048	2,582
30	44	97 546	22 570,034	385 244,020	17,069	16,602	80	94	8 329	168,059	480,992	2,862	2,396
31	45	97 403	21 463,598	362 673,986	16,897	16,431	81	95	6 060	116,450	312,933	2,687	2,221
32	46	97 242	20 407,820	341 210,388	16,720	16,253	82	96	4 238	77,562	196,483	2,533	2,067
33	47	97 068	19 401,144	320 802,568	16,535	16,069	83	97	2 842	49,542	118,921	2,400	1,934
34	48	96 873	18 440,334	301 401,424	16,345	15,878	84	98	1 846	30,647	69,379	2,264	1,797
35	49	96 659	17 523,256	282 961,090	16,148	15,681	85	99	1 145	18,096	38,732	2,140	1,674
36	50	96 423	16 648,131	265 437,835	15,944	15,478	86	100	675	10,165	20,636	2,030	1,564
37	51	96 160	15 812,151	248 789,704	15,734	15,268							
38	52	95 865	15 012,930	232 977,553	15,518	15,052							
39	53	95 556	14 252,014	217 964,623	15,294	14,827							
40	54	95 209	13 524,071	203 712,609	15,063	14,597							
41	55	94 830	12 828,696	190 188,538	14,825	14,359							
42	56	94 397	12 162,109	177 359,842	14,583	14,117							
43	57	93 945	11 527,463	165 197,733	14,331	13,864							
44	58	93 443	10 919,856	153 670,270	14,073	13,606							
45	59	92 892	10 338,502	142 750,415	13,808	13,341							
46	60	92 287	9 782,142	132 411,913	13,536	13,070							
47	61	91 625	9 249,444	122 629,771	13,258	12,792							
48	62	90 900	8 739,361	113 380,327	12,974	12,507							
49	63	90 107	8 250,538	104 640,966	12,683	12,217							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	1 978 252,288	19,864	19,398	50	65	88 574	7 723,963	93 968,308	12,166	11,699
1	16	99 240	94 514,195	1 878 663,688	19,877	19,411	51	66	87 582	7 273,757	86 244,346	11,857	11,391
2	17	99 203	89 980,260	1 784 149,493	19,828	19,362	52	67	86 504	6 842,150	78 970,589	11,542	11,075
3	18	99 177	85 672,978	1 694 169,233	19,775	19,308	53	68	85 352	6 429,559	72 128,439	11,218	10,752
4	19	99 149	81 570,397	1 608 496,255	19,719	19,253	54	69	84 100	6 033,548	65 698,880	10,889	10,423
5	20	99 122	77 664,461	1 526 925,858	19,661	19,194	55	70	82 712	5 651,441	59 665,332	10,558	10,091
6	21	99 096	73 947,325	1 449 261,397	19,599	19,132	56	71	81 210	5 284,544	54 013,891	10,221	9,755
7	22	99 071	70 407,726	1 375 314,072	19,534	19,067	57	72	79 581	4 931,935	48 729,347	9,880	9,414
8	23	99 044	67 037,211	1 304 906,346	19,465	18,999	58	73	77 837	4 594,159	43 797,412	9,533	9,067
9	24	99 021	63 829,659	1 237 869,135	19,393	18,927	59	74	75 943	4 268,934	39 203,253	9,183	8,717
10	25	98 997	60 775,287	1 174 039,476	19,318	18,851	60	75	73 914	3 957,002	34 934,319	8,828	8,362
11	26	98 970	57 865,663	1 113 264,189	19,239	18,772	61	76	71 734	3 657,468	30 977,317	8,470	8,003
12	27	98 945	55 096,524	1 055 398,526	19,155	18,689	62	77	69 403	3 370,071	27 319,849	8,107	7,640
13	28	98 916	52 457,230	1 000 302,002	19,069	18,603	63	78	66 945	3 095,938	23 949,778	7,736	7,269
14	29	98 883	49 942,735	947 844,771	18,979	18,512	64	79	64 280	2 831,133	20 853,840	7,366	6,899
15	30	98 847	47 546,898	897 902,036	18,885	18,418	65	80	61 419	2 576,315	18 022,706	6,996	6,529
16	31	98 803	45 262,919	850 355,138	18,787	18,321	66	81	58 344	2 330,774	15 446,392	6,627	6,161
17	32	98 749	43 083,807	805 092,219	18,687	18,220	67	82	55 045	2 094,288	13 115,618	6,263	5,796
18	33	98 689	41 007,477	762 008,412	18,582	18,116	68	83	51 509	1 866,444	11 021,330	5,905	5,439
19	34	98 617	39 025,992	721 000,935	18,475	18,008	69	84	47 711	1 646,469	9 154,886	5,560	5,094
20	35	98 539	37 138,428	681 974,944	18,363	17,897	70	85	43 726	1 437,092	7 508,417	5,225	4,758
21	36	98 453	35 338,828	644 836,515	18,247	17,781	71	86	39 591	1 239,258	6 071,325	4,899	4,433
22	37	98 366	33 626,372	609 497,687	18,126	17,659	72	87	35 312	1 052,673	4 832,067	4,590	4,124
23	38	98 275	31 995,526	575 871,315	17,998	17,532	73	88	30 977	879,460	3 779,394	4,297	3,831
24	39	98 179	30 442,248	543 875,789	17,866	17,399	74	89	26 675	721,268	2 899,934	4,021	3,554
25	40	98 070	28 960,481	513 433,541	17,729	17,262	75	90	22 514	579,780	2 178,666	3,758	3,291
26	41	97 965	27 551,774	484 473,059	17,584	17,118	76	91	18 545	454,814	1 598,886	3,515	3,049
27	42	97 850	26 208,998	456 921,285	17,434	16,967	77	92	14 888	347,754	1 144,072	3,290	2,823
28	43	97 727	24 929,594	430 712,287	17,277	16,811	78	93	11 603	258,119	796,318	3,085	2,619
29	44	97 595	23 710,233	405 782,694	17,114	16,648	79	94	8 763	185,646	538,199	2,899	2,433
30	45	97 454	22 548,686	382 072,461	16,944	16,478	80	95	6 418	129,497	352,553	2,722	2,256
31	46	97 298	21 440,510	359 523,775	16,768	16,302	81	96	4 519	86,842	223,056	2,569	2,102
32	47	97 127	20 383,654	338 083,265	16,586	16,120	82	97	3 054	55,898	136,214	2,437	1,970
33	48	96 941	19 375,935	317 699,611	16,397	15,930	83	98	2 005	34,940	80,315	2,299	1,832
34	49	96 727	18 412,358	298 323,677	16,202	15,736	84	99	1 257	20,870	45,376	2,174	1,708
35	50	96 496	17 493,745	279 911,319	16,001	15,534	85	100	752	11,884	24,506	2,062	1,596
36	51	96 245	16 617,434	262 417,574	15,792	15,325							
37	52	95 960	15 779,317	245 800,140	15,577	15,111							
38	53	95 653	14 979,835	230 020,823	15,355	14,889							
39	54	95 319	14 216,689	215 040,988	15,126	14,660							
40	55	94 947	13 486,822	200 824,299	14,890	14,424							
41	56	94 534	12 788,768	187 337,477	14,649	14,182							
42	57	94 078	12 120,982	174 548,709	14,401	13,934							
43	58	93 592	11 484,162	162 427,727	14,144	13,677							
44	59	93 053	10 874,281	150 943,565	13,881	13,414							
45	60	92 461	10 290,588	140 069,284	13,611	13,145							
46	61	91 814	9 731,990	129 778,695	13,335	12,869							
47	62	91 113	9 197,775	120 046,705	13,052	12,585							
48	63	90 344	8 685,860	110 848,930	12,762	12,296							
49	64	89 498	8 194,762	102 163,071	12,467	12,000							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	1 974 447,347	19,828	19,362	50	66	87 864	7 662,065	91 434,186	11,933	11,467
1	17	99 227	94 502,112	1 874 870,276	19,839	19,373	51	67	86 815	7 210,055	83 772,120	11,619	11,152
2	18	99 190	89 968,594	1 780 368,164	19,789	19,322	52	68	85 694	6 778,122	76 562,065	11,295	10,829
3	19	99 161	85 659,071	1 690 399,570	19,734	19,268	53	69	84 481	6 363,952	69 783,944	10,966	10,499
4	20	99 133	81 556,990	1 604 740,499	19,676	19,210	54	70	83 129	5 963,883	63 419,992	10,634	10,168
5	21	99 105	77 651,749	1 523 183,509	19,616	19,149	55	71	81 674	5 580,506	57 456,109	10,296	9,829
6	22	99 080	73 934,769	1 445 531,760	19,551	19,085	56	72	80 088	5 211,540	51 875,603	9,954	9,488
7	23	99 054	70 395,913	1 371 596,991	19,484	19,018	57	73	78 391	4 858,213	46 664,063	9,605	9,139
8	24	99 028	67 026,247	1 301 201,078	19,413	18,947	58	74	76 534	4 517,271	41 805,850	9,255	8,788
9	25	99 004	63 819,174	1 234 174,832	19,339	18,872	59	75	74 561	4 191,273	37 288,579	8,897	8,430
10	26	98 977	60 763,471	1 170 355,658	19,261	18,794	60	76	72 426	3 877,387	33 097,306	8,536	8,070
11	27	98 952	57 855,349	1 109 592,187	19,179	18,712	61	77	70 146	3 576,460	29 219,919	8,170	7,704
12	28	98 925	55 084,968	1 051 736,837	19,093	18,627	62	78	67 741	3 289,397	25 643,459	7,796	7,329
13	29	98 892	52 444,746	996 651,869	19,004	18,537	63	79	65 124	3 011,706	22 354,063	7,422	6,956
14	30	98 859	49 930,411	944 207,123	18,910	18,444	64	80	62 300	2 743,911	19 342,357	7,049	6,583
15	31	98 819	47 533,453	894 276,712	18,814	18,347	65	81	59 253	2 485,470	16 598,446	6,678	6,212
16	32	98 771	45 248,344	846 743,260	18,713	18,247	66	82	55 986	2 236,575	14 112,977	6,310	5,844
17	33	98 716	43 069,335	801 494,916	18,609	18,143	67	83	52 458	1 995,851	11 876,401	5,951	5,484
18	34	98 655	40 993,115	758 425,581	18,501	18,035	68	84	48 666	1 763,424	9 880,550	5,603	5,137
19	35	98 579	39 011,092	717 432,466	18,390	17,924	69	85	44 667	1 541,444	8 117,126	5,266	4,800
20	36	98 493	37 121,087	678 421,374	18,276	17,810	70	86	40 503	1 331,187	6 575,682	4,940	4,473
21	37	98 406	35 321,977	641 300,287	18,156	17,689	71	87	36 215	1 133,576	5 244,495	4,627	4,160
22	38	98 316	33 609,393	605 978,311	18,030	17,564	72	88	31 813	948,359	4 110,919	4,335	3,868
23	39	98 221	31 977,797	572 368,918	17,899	17,433	73	89	27 467	779,813	3 162,560	4,056	3,589
24	40	98 115	30 422,441	540 391,120	17,763	17,297	74	90	23 239	628,364	2 382,747	3,792	3,326
25	41	98 008	28 942,146	509 968,679	17,620	17,154	75	91	19 202	494,485	1 754,383	3,548	3,081
26	42	97 893	27 531,580	481 026,534	17,472	17,005	76	92	15 468	379,347	1 259,898	3,321	2,855
27	43	97 771	26 187,851	453 494,954	17,317	16,851	77	93	12 090	282,395	880,550	3,118	2,652
28	44	97 640	24 907,264	427 307,102	17,156	16,690	78	94	9 173	204,054	598,155	2,931	2,465
29	45	97 502	23 687,806	402 399,838	16,988	16,521	79	95	6 752	143,049	394,101	2,755	2,289
30	46	97 349	22 524,431	378 712,032	16,813	16,347	80	96	4 786	96,572	251,053	2,600	2,133
31	47	97 183	21 415,121	356 187,601	16,633	16,166	81	97	3 257	62,586	154,481	2,468	2,002
32	48	97 001	20 357,168	334 772,480	16,445	15,979	82	98	2 154	39,423	91,895	2,331	1,865
33	49	96 794	19 346,539	314 415,312	16,252	15,785	83	99	1 365	23,793	52,472	2,205	1,739
34	50	96 564	18 381,350	295 068,773	16,053	15,586	84	100	826	13,706	28,679	2,092	1,626
35	51	96 318	17 461,488	276 687,423	15,846	15,379							
36	52	96 045	16 582,927	259 225,934	15,632	15,166							
37	53	95 749	15 744,533	242 643,007	15,411	14,945							
38	54	95 416	14 942,706	226 898,474	15,185	14,718							
39	55	95 057	14 177,533	211 955,768	14,950	14,484							
40	56	94 652	13 444,846	197 778,235	14,710	14,244							
41	57	94 215	12 745,522	184 333,390	14,463	13,996							
42	58	93 725	12 075,452	171 587,868	14,210	13,743							
43	59	93 201	11 436,232	159 512,416	13,948	13,482							
44	60	92 622	10 823,884	148 076,184	13,681	13,214							
45	61	91 987	10 237,830	137 252,299	13,406	12,940							
46	62	91 301	9 677,626	127 014,469	13,125	12,658							
47	63	90 555	9 141,467	117 336,843	12,836	12,369							
48	64	89 733	8 627,141	108 195,376	12,541	12,075							
49	65	88 835	8 134,049	99 568,235	12,241	11,775							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	1 970 412,074	19,790	19,324	50	67	87 094	7 594,963	88 787,735	11,690	11,224
1	18	99 214	94 489,860	1 870 847,734	19,799	19,333	51	68	86 002	7 142,584	81 192,772	11,367	10,901
2	19	99 174	89 953,990	1 776 357,874	19,747	19,281	52	69	84 820	6 708,958	74 050,189	11,038	10,571
3	20	99 145	85 644,991	1 686 403,883	19,691	19,224	53	70	83 506	6 290,472	67 341,231	10,705	10,239
4	21	99 117	81 543,640	1 600 758,892	19,631	19,164	54	71	82 085	5 889,025	61 050,759	10,367	9,900
5	22	99 089	77 638,564	1 519 215,252	19,568	19,101	55	72	80 546	5 503,414	55 161,734	10,023	9,557
6	23	99 063	73 922,365	1 441 576,688	19,501	19,035	56	73	78 891	5 133,639	49 658,320	9,673	9,207
7	24	99 038	70 384,399	1 367 654,323	19,431	18,965	57	74	77 079	4 776,906	44 524,681	9,321	8,854
8	25	99 012	67 015,236	1 297 269,924	19,358	18,891	58	75	75 142	4 435,093	39 747,775	8,962	8,496
9	26	98 985	63 806,766	1 230 254,688	19,281	18,815	59	76	73 061	4 106,944	35 312,683	8,598	8,132
10	27	98 960	60 752,641	1 166 447,922	19,200	18,734	60	77	70 822	3 791,508	31 205,738	8,230	7,764
11	28	98 932	57 843,214	1 105 695,281	19,115	18,649	61	78	68 466	3 490,845	27 414,231	7,853	7,387
12	29	98 901	55 071,858	1 047 852,067	19,027	18,561	62	79	65 898	3 199,900	23 923,386	7,476	7,010
13	30	98 868	52 431,804	992 780,208	18,935	18,468	63	80	63 117	2 918,920	20 723,485	7,100	6,633
14	31	98 831	49 916,292	940 348,404	18,839	18,372	64	81	60 103	2 647,156	17 804,566	6,726	6,260
15	32	98 787	47 518,147	890 432,112	18,739	18,272	65	82	56 859	2 385,019	15 157,409	6,355	5,889
16	33	98 738	45 233,145	842 913,965	18,635	18,168	66	83	53 354	2 131,451	12 772,390	5,992	5,526
17	34	98 681	43 054,251	797 680,821	18,527	18,061	67	84	49 562	1 885,689	10 640,939	5,643	5,177
18	35	98 617	40 977,464	754 626,570	18,416	17,949	68	85	45 562	1 650,938	8 755,251	5,303	4,837
19	36	98 533	38 992,876	713 649,106	18,302	17,836	69	86	41 376	1 427,850	7 104,312	4,976	4,509
20	37	98 446	37 103,386	674 656,230	18,183	17,717	70	87	37 049	1 217,666	5 676,463	4,662	4,195
21	38	98 356	35 304,141	637 552,844	18,059	17,592	71	88	32 626	1 021,244	4 458,797	4,366	3,900
22	39	98 262	33 590,770	602 248,703	17,929	17,463	72	89	28 208	840,906	3 437,553	4,088	3,622
23	40	98 157	31 956,991	568 657,933	17,794	17,328	73	90	23 929	679,369	2 596,647	3,822	3,356
24	41	98 053	30 403,180	536 700,942	17,653	17,186	74	91	19 820	535,921	1 917,278	3,578	3,111
25	42	97 937	28 920,933	506 297,763	17,506	17,040	75	92	16 016	412,436	1 381,357	3,349	2,883
26	43	97 814	27 509,366	477 376,830	17,353	16,887	76	93	12 561	308,051	968,921	3,145	2,679
27	44	97 684	26 164,395	449 867,464	17,194	16,727	77	94	9 558	223,245	660,871	2,960	2,494
28	45	97 547	24 883,706	423 703,069	17,027	16,561	78	95	7 068	157,232	437,626	2,783	2,317
29	46	97 397	23 662,326	398 819,363	16,855	16,388	79	96	5 035	106,678	280,393	2,628	2,162
30	47	97 234	22 497,758	375 157,037	16,675	16,209	80	97	3 449	69,598	173,716	2,496	2,030
31	48	97 056	21 387,295	352 659,279	16,489	16,023	81	98	2 297	44,139	104,118	2,359	1,892
32	49	96 854	20 326,284	331 271,984	16,298	15,831	82	99	1 467	26,846	59,978	2,234	1,768
33	50	96 631	19 313,959	310 945,701	16,100	15,633	83	100	897	15,626	33,132	2,120	1,654
34	51	96 386	18 347,457	291 631,742	15,895	15,429							
35	52	96 118	17 425,230	273 284,285	15,683	15,217							
36	53	95 834	16 546,372	255 859,056	15,463	14,997							
37	54	95 512	15 705,509	239 312,684	15,237	14,771							
38	55	95 154	14 901,550	223 607,176	15,006	14,539							
39	56	94 761	14 133,407	208 705,626	14,767	14,300							
40	57	94 331	13 399,381	194 572,219	14,521	14,055							
41	58	93 861	12 697,646	181 172,838	14,268	13,802							
42	59	93 334	12 025,054	168 475,192	14,010	13,544							
43	60	92 770	11 383,231	156 450,138	13,744	13,278							
44	61	92 147	10 768,393	145 066,906	13,472	13,005							
45	62	91 473	10 180,640	134 298,514	13,192	12,725							
46	63	90 742	9 618,380	124 117,874	12,904	12,438							
47	64	89 943	9 079,669	114 499,494	12,611	12,144							
48	65	89 068	8 563,225	105 419,825	12,311	11,844							
49	66	88 123	8 068,865	96 856,600	12,004	11,537							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	1 966 136,958	19,750	19,284	50	68	86 279	7 523,890	86 029,693	11,434	10,968
1	19	99 198	94 474,522	1 866 585,526	19,758	19,291	51	69	85 125	7 069,701	78 505,804	11,105	10,638
2	20	99 158	89 939,205	1 772 111,004	19,703	19,237	52	70	83 841	6 631,494	71 436,103	10,772	10,306
3	21	99 129	85 630,973	1 682 171,799	19,644	19,178	53	71	82 458	6 211,515	64 804,608	10,433	9,967
4	22	99 100	81 529,794	1 596 540,826	19,582	19,116	54	72	80 951	5 807,672	58 593,093	10,089	9,623
5	23	99 072	77 625,538	1 515 011,032	19,517	19,051	55	73	79 342	5 421,150	52 785,422	9,737	9,271
6	24	99 047	73 910,274	1 437 385,494	19,448	18,981	56	74	77 570	5 047,722	47 364,272	9,383	8,917
7	25	99 022	70 372,837	1 363 475,220	19,375	18,909	57	75	75 677	4 690,004	42 316,550	9,023	8,556
8	26	98 993	67 002,207	1 293 102,383	19,299	18,833	58	76	73 630	4 345,859	37 626,547	8,658	8,192
9	27	98 968	63 795,393	1 226 100,175	19,219	18,753	59	77	71 443	4 015,980	33 280,688	8,287	7,821
10	28	98 939	60 739,898	1 162 304,782	19,136	18,669	60	78	69 127	3 700,745	29 264,708	7,908	7,441
11	29	98 908	57 829,448	1 101 564,884	19,049	18,582	61	79	66 604	3 395,868	25 563,963	7,528	7,062
12	30	98 877	55 058,269	1 043 735,436	18,957	18,491	62	80	63 868	3 101,317	22 168,095	7,148	6,682
13	31	98 840	52 416,977	988 677,167	18,862	18,395	63	81	60 892	2 815,994	19 066,779	6,771	6,304
14	32	98 799	49 900,219	936 260,190	18,763	18,296	64	82	57 674	2 540,171	16 250,784	6,398	5,931
15	33	98 754	47 502,185	886 359,971	18,659	18,193	65	83	54 186	2 272,918	13 710,614	6,032	5,566
16	34	98 704	45 217,303	838 857,786	18,552	18,085	66	84	50 409	2 013,804	11 437,696	5,680	5,213
17	35	98 643	43 037,813	793 640,483	18,441	17,974	67	85	46 401	1 765,404	9 423,892	5,338	4,872
18	36	98 571	40 958,330	750 602,671	18,326	17,860	68	86	42 204	1 529,275	7 658,488	5,008	4,542
19	37	98 486	38 974,282	709 644,341	18,208	17,742	69	87	37 847	1 306,085	6 129,214	4,693	4,226
20	38	98 397	37 084,651	670 670,059	18,085	17,618	70	88	33 378	1 097,001	4 823,129	4,397	3,930
21	39	98 302	35 284,579	633 585,408	17,956	17,490	71	89	28 930	905,533	3 726,128	4,115	3,648
22	40	98 198	33 568,914	598 300,829	17,823	17,357	72	90	24 575	732,592	2 820,594	3,850	3,384
23	41	98 095	31 936,758	564 731,915	17,683	17,216	73	91	20 409	579,422	2 088,002	3,604	3,137
24	42	97 981	30 380,896	532 795,156	17,537	17,071	74	92	16 532	446,997	1 508,580	3,375	2,909
25	43	97 858	28 897,598	502 414,261	17,386	16,920	75	93	13 006	334,920	1 061,584	3,170	2,703
26	44	97 727	27 484,726	473 516,663	17,228	16,762	76	94	9 930	243,527	726,663	2,984	2,518
27	45	97 591	26 139,647	446 031,937	17,063	16,597	77	95	7 365	172,020	483,137	2,809	2,342
28	46	97 442	24 856,939	419 892,289	16,892	16,426	78	96	5 271	117,256	311,117	2,653	2,187
29	47	97 282	23 634,305	395 035,350	16,714	16,248	79	97	3 629	76,881	193,861	2,522	2,055
30	48	97 108	22 468,525	371 401,044	16,530	16,063	80	98	2 433	49,085	116,980	2,383	1,917
31	49	96 909	21 354,848	348 932,519	16,340	15,873	81	99	1 564	30,058	67,895	2,259	1,792
32	50	96 690	20 292,053	327 577,672	16,143	15,677	82	100	963	17,631	37,837	2,146	1,680
33	51	96 453	19 278,346	307 285,619	15,939	15,473							
34	52	96 185	18 309,358	288 007,273	15,730	15,264							
35	53	95 906	17 386,817	269 697,915	15,512	15,045							
36	54	95 596	16 505,360	252 311,098	15,287	14,820							
37	55	95 249	15 662,251	235 805,738	15,056	14,589							
38	56	94 857	14 855,171	220 143,487	14,819	14,353							
39	57	94 441	14 085,613	205 288,316	14,574	14,108							
40	58	93 977	13 349,049	191 202,703	14,323	13,857							
41	59	93 469	12 644,651	177 853,654	14,066	13,599							
42	60	92 901	11 969,325	165 209,002	13,803	13,336							
43	61	92 294	11 324,872	153 239,678	13,531	13,065							
44	62	91 632	10 708,238	141 914,806	13,253	12,786							
45	63	90 913	10 118,315	131 206,568	12,967	12,501							
46	64	90 129	9 553,358	121 088,253	12,675	12,209							
47	65	89 277	9 012,399	111 534,895	12,376	11,909							
48	66	88 355	8 494,602	102 522,495	12,069	11,603							
49	67	87 351	7 998,200	94 027,894	11,756	11,290							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	1 961 610,984	19,708	19,241	50	69	85 399	7 447,116	83 159,601	11,167	10,700
1	20	99 182	94 458,994	1 862 075,711	19,713	19,247	51	70	84 142	6 988,072	75 712,485	10,835	10,368
2	21	99 142	89 924,484	1 767 616,718	19,657	19,190	52	71	82 788	6 548,257	68 724,413	10,495	10,029
3	22	99 112	85 616,433	1 677 692,234	19,595	19,129	53	72	81 318	6 125,706	62 176,155	10,150	9,684
4	23	99 083	81 516,116	1 592 075,801	19,531	19,064	54	73	79 741	5 720,859	56 050,449	9,798	9,331
5	24	99 056	77 612,841	1 510 559,685	19,463	18,996	55	74	78 014	5 330,421	50 329,590	9,442	8,976
6	25	99 031	73 898,133	1 432 946,844	19,391	18,924	56	75	76 159	4 955,893	44 999,169	9,080	8,614
7	26	99 007	70 359,155	1 359 048,711	19,316	18,849	57	76	74 154	4 595,641	40 043,276	8,713	8,247
8	27	98 975	66 990,265	1 288 689,556	19,237	18,771	58	77	71 999	4 249,603	35 447,635	8,341	7,875
9	28	98 947	63 782,013	1 221 699,291	19,154	18,688	59	78	69 733	3 919,844	31 198,032	7,959	7,493
10	29	98 915	60 725,443	1 157 917,278	19,068	18,602	60	79	67 246	3 600,057	27 278,188	7,577	7,111
11	30	98 884	57 815,178	1 097 191,835	18,978	18,511	61	80	64 552	3 291,246	23 678,131	7,194	6,728
12	31	98 849	55 042,699	1 039 376,658	18,883	18,417	62	81	61 616	2 991,960	20 386,885	6,814	6,347
13	32	98 808	52 400,099	984 333,959	18,785	18,319	63	82	58 431	2 702,185	17 394,925	6,437	5,971
14	33	98 766	49 883,457	931 933,860	18,682	18,216	64	83	54 963	2 420,777	14 692,740	6,069	5,603
15	34	98 719	47 485,548	882 050,403	18,575	18,109	65	84	51 195	2 147,462	12 271,963	5,715	5,248
16	35	98 666	45 200,039	834 564,855	18,464	17,997	66	85	47 194	1 885,347	10 124,501	5,370	4,904
17	36	98 597	43 017,717	789 364,816	18,350	17,883	67	86	42 982	1 635,305	8 239,154	5,038	4,572
18	37	98 524	40 938,799	746 347,099	18,231	17,764	68	87	38 605	1 398,860	6 603,849	4,721	4,254
19	38	98 436	38 954,603	705 408,300	18,108	17,642	69	88	34 097	1 176,658	5 204,989	4,424	3,957
20	39	98 342	37 064,102	666 453,698	17,981	17,515	70	89	29 596	972,707	4 028,330	4,141	3,675
21	40	98 238	35 261,621	629 389,595	17,849	17,383	71	90	25 203	788,895	3 055,624	3,873	3,407
22	41	98 136	33 547,660	594 127,974	17,710	17,244	72	91	20 960	624,815	2 266,729	3,628	3,161
23	42	98 023	31 913,351	560 580,314	17,566	17,099	73	92	17 022	483,279	1 641,913	3,397	2,931
24	43	97 902	30 356,383	528 666,963	17,415	16,949	74	93	13 424	362,986	1 158,634	3,192	2,726
25	44	97 770	28 871,715	498 310,580	17,259	16,793	75	94	10 282	264,768	795,648	3,005	2,539
26	45	97 634	27 458,730	469 438,866	17,096	16,630	76	95	7 651	187,648	530,880	2,829	2,363
27	46	97 486	26 111,530	441 980,136	16,927	16,460	77	96	5 492	128,283	343,232	2,676	2,209
28	47	97 327	24 827,504	415 868,606	16,750	16,284	78	97	3 799	84,505	214,949	2,544	2,077
29	48	97 156	23 603,596	391 041,102	16,567	16,101	79	98	2 559	54,221	130,444	2,406	1,939
30	49	96 960	22 434,438	367 437,506	16,378	15,912	80	99	1 657	33,425	76,223	2,280	1,814
31	50	96 746	21 318,885	345 003,068	16,183	15,717	81	100	1 027	19,740	42,798	2,168	1,702
32	51	96 512	20 254,636	323 684,184	15,981	15,514							
33	52	96 253	19 238,314	303 429,547	15,772	15,306							
34	53	95 973	18 268,997	284 191,233	15,556	15,090							
35	54	95 668	17 343,722	265 922,237	15,332	14,866							
36	55	95 333	16 459,900	248 578,514	15,102	14,636							
37	56	94 952	15 613,504	232 118,614	14,867	14,400							
38	57	94 537	14 804,937	216 505,110	14,624	14,157							
39	58	94 086	14 032,704	201 700,173	14,374	13,907							
40	59	93 585	13 293,335	187 667,470	14,117	13,651							
41	60	93 036	12 586,050	174 374,134	13,855	13,388							
42	61	92 425	11 907,960	161 788,084	13,587	13,120							
43	62	91 778	11 261,609	149 880,124	13,309	12,843							
44	63	91 071	10 642,683	138 618,515	13,025	12,558							
45	64	90 299	10 049,913	127 975,831	12,734	12,268							
46	65	89 461	9 482,579	117 925,918	12,436	11,970							
47	66	88 561	8 940,177	108 443,339	12,130	11,663							
48	67	87 581	8 420,208	99 503,162	11,817	11,351							
49	68	86 534	7 923,353	91 082,954	11,496	11,029							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	1 956 825,875	19,663	19,196	50	70	84 413	7 361,130	80 178,855	10,892	10,426
1	21	99 166	94 443,532	1 857 306,963	19,666	19,199	51	71	83 086	6 900,359	72 817,725	10,553	10,086
2	22	99 125	89 909,215	1 762 863,431	19,607	19,141	52	72	81 645	6 457,797	65 917,366	10,207	9,741
3	23	99 095	85 602,069	1 672 954,216	19,543	19,077	53	73	80 103	6 034,140	59 459,569	9,854	9,387
4	24	99 067	81 502,783	1 587 352,148	19,476	19,010	54	74	78 407	5 625,114	53 425,429	9,498	9,031
5	25	99 040	77 600,092	1 505 849,365	19,405	18,939	55	75	76 595	5 233,449	47 800,315	9,134	8,667
6	26	99 011	73 883,766	1 428 249,273	19,331	18,865	56	76	74 627	4 856,181	42 566,866	8,766	8,299
7	27	98 985	70 346,615	1 354 365,507	19,253	18,786	57	77	72 512	4 493,853	37 710,685	8,392	7,925
8	28	98 954	66 976,214	1 284 018,892	19,171	18,705	58	78	70 276	4 147,874	33 216,832	8,008	7,542
9	29	98 923	63 766,833	1 217 042,678	19,086	18,619	59	79	67 836	3 813,195	29 068,958	7,623	7,157
10	30	98 891	60 710,458	1 153 275,845	18,996	18,530	60	80	65 174	3 489,145	25 255,763	7,238	6,772
11	31	98 856	57 798,829	1 092 565,387	18,903	18,436	61	81	62 276	3 175,192	21 766,618	6,855	6,389
12	32	98 817	55 024,975	1 034 766,559	18,805	18,339	62	82	59 126	2 871,039	18 591,426	6,476	6,009
13	33	98 775	52 382,497	979 741,584	18,704	18,237	63	83	55 684	2 575,176	15 720,388	6,105	5,638
14	34	98 731	49 865,986	927 359,087	18,597	18,131	64	84	51 929	2 287,160	13 145,211	5,747	5,281
15	35	98 681	47 467,419	877 493,100	18,486	18,020	65	85	47 930	2 010,480	10 858,051	5,401	4,934
16	36	98 620	45 178,934	830 025,682	18,372	17,906	66	86	43 716	1 746,409	8 847,572	5,066	4,600
17	37	98 550	42 997,203	784 846,748	18,253	17,787	67	87	39 316	1 495,849	7 101,163	4,747	4,281
18	38	98 474	40 918,127	741 849,545	18,130	17,664	68	88	34 780	1 260,241	5 605,314	4,448	3,981
19	39	98 382	38 933,018	700 931,417	18,004	17,537	69	89	30 233	1 043,338	4 345,074	4,165	3,698
20	40	98 278	37 039,986	661 998,400	17,873	17,406	70	90	25 784	847,416	3 301,735	3,896	3,430
21	41	98 175	35 239,296	624 958,413	17,735	17,268	71	91	21 496	672,835	2 454,319	3,648	3,181
22	42	98 064	33 523,072	589 719,117	17,591	17,125	72	92	17 482	521,141	1 781,484	3,418	2,952
23	43	97 944	31 887,601	556 196,045	17,442	16,976	73	93	13 823	392,449	1 260,343	3,211	2,745
24	44	97 815	30 329,193	524 308,444	17,287	16,821	74	94	10 613	286,955	867,894	3,024	2,558
25	45	97 677	28 844,406	493 979,251	17,126	16,659	75	95	7 922	204,015	580,939	2,848	2,381
26	46	97 529	27 429,193	465 134,845	16,958	16,491	76	96	5 706	139,938	376,924	2,694	2,227
27	47	97 371	26 080,609	437 705,651	16,783	16,316	77	97	3 958	92,452	236,986	2,563	2,097
28	48	97 201	24 795,244	411 625,043	16,601	16,135	78	98	2 679	59,598	144,534	2,425	1,959
29	49	97 008	23 567,787	386 829,799	16,413	15,947	79	99	1 743	36,923	84,936	2,300	1,834
30	50	96 797	22 396,657	363 262,012	16,219	15,753	80	100	1 088	21,952	48,013	2,187	1,721
31	51	96 568	21 279,575	340 865,355	16,018	15,552							
32	52	96 312	20 212,577	319 585,780	15,811	15,345							
33	53	96 041	19 195,905	299 373,203	15,596	15,129							
34	54	95 736	18 223,715	280 177,298	15,374	14,908							
35	55	95 405	17 295,953	261 953,583	15,145	14,679							
36	56	95 036	16 408,670	244 657,630	14,910	14,444							
37	57	94 631	15 560,706	228 248,959	14,668	14,202							
38	58	94 181	14 749,325	212 688,253	14,420	13,954							
39	59	93 693	13 974,137	197 938,928	14,165	13,698							
40	60	93 151	13 231,728	183 964,791	13,903	13,437							
41	61	92 559	12 521,524	170 733,063	13,635	13,169							
42	62	91 908	11 841,440	158 211,539	13,361	12,894							
43	63	91 217	11 192,666	146 370,099	13,077	12,611							
44	64	90 455	10 570,737	135 177,433	12,788	12,321							
45	65	89 630	9 975,456	124 606,696	12,491	12,025							
46	66	88 744	9 406,589	114 631,240	12,186	11,720							
47	67	87 786	8 861,881	105 224,652	11,874	11,407							
48	68	86 761	8 341,412	96 362,771	11,552	11,086							
49	69	85 651	7 842,504	88 021,359	11,224	10,757							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	1 951 769,799	19,615	19,149	50	71	83 353	7 268,734	77 092,691	10,606	10,140
1	22	99 149	94 427,496	1 852 267,176	19,616	19,149	51	72	81 938	6 805,034	69 823,956	10,261	9,794
2	23	99 108	89 894,130	1 757 839,680	19,555	19,088	52	73	80 424	6 361,266	63 018,922	9,907	9,440
3	24	99 079	85 588,068	1 667 945,550	19,488	19,022	53	74	78 762	5 933,152	56 657,656	9,549	9,083
4	25	99 051	81 489,395	1 582 357,483	19,418	18,952	54	75	76 980	5 522,782	50 724,504	9,185	8,718
5	26	99 020	77 585,005	1 500 868,088	19,345	18,878	55	76	75 054	5 128,152	45 201,722	8,814	8,348
6	27	98 994	73 870,597	1 423 283,083	19,267	18,801	56	77	72 974	4 748,622	40 073,570	8,439	7,973
7	28	98 964	70 331,860	1 349 412,486	19,186	18,720	57	78	70 776	4 386,277	35 324,947	8,054	7,587
8	29	98 931	66 960,274	1 279 080,626	19,102	18,636	58	79	68 364	4 035,021	30 938,671	7,668	7,201
9	30	98 899	63 751,098	1 212 120,352	19,013	18,547	59	80	65 746	3 695,717	26 903,650	7,280	6,813
10	31	98 863	60 693,290	1 148 369,254	18,921	18,454	60	81	62 876	3 366,112	23 207,933	6,895	6,428
11	32	98 824	57 780,217	1 087 675,964	18,824	18,358	61	82	59 759	3 046,866	19 841,821	6,512	6,046
12	33	98 784	55 006,492	1 029 895,747	18,723	18,257	62	83	56 347	2 736,093	16 794,955	6,138	5,672
13	34	98 740	52 364,151	974 889,256	18,617	18,151	63	84	52 611	2 433,037	14 058,862	5,778	5,312
14	35	98 694	49 846,948	922 525,104	18,507	18,041	64	85	48 617	2 141,267	11 625,825	5,429	4,963
15	36	98 635	47 445,254	872 678,156	18,393	17,927	65	86	44 398	1 862,320	9 484,558	5,093	4,626
16	37	98 573	45 157,390	825 232,902	18,275	17,808	66	87	39 988	1 597,478	7 622,238	4,771	4,305
17	38	98 501	42 975,493	780 075,512	18,152	17,685	67	88	35 420	1 347,618	6 024,760	4,471	4,004
18	39	98 420	40 895,454	737 100,020	18,024	17,558	68	89	30 839	1 117,450	4 677,142	4,186	3,719
19	40	98 318	38 907,686	696 204,565	17,894	17,427	69	90	26 339	908,950	3 559,692	3,916	3,450
20	41	98 216	37 016,535	657 296,879	17,757	17,290	70	91	21 991	722,747	2 650,742	3,668	3,201
21	42	98 103	35 213,468	620 280,344	17,615	17,148	71	92	17 929	561,193	1 927,996	3,436	2,969
22	43	97 985	33 496,024	585 066,876	17,467	17,000	72	93	14 196	423,195	1 366,803	3,230	2,763
23	44	97 856	31 859,040	551 570,852	17,313	16,846	73	94	10 928	310,247	943,608	3,041	2,575
24	45	97 722	30 300,506	519 711,813	17,152	16,686	74	95	8 177	221,111	633,361	2,864	2,398
25	46	97 572	28 813,379	489 411,307	16,986	16,519	75	96	5 908	152,144	412,250	2,710	2,243
26	47	97 414	27 396,712	460 597,927	16,812	16,346	76	97	4 112	100,851	260,106	2,579	2,113
27	48	97 244	26 046,721	433 201,215	16,632	16,165	77	98	2 792	65,203	159,255	2,442	1,976
28	49	97 053	24 757,627	407 154,495	16,446	15,979	78	99	1 824	40,585	94,052	2,317	1,851
29	50	96 845	23 528,097	382 396,868	16,253	15,786	79	100	1 145	24,249	53,467	2,205	1,739
30	51	96 619	22 355,360	358 868,771	16,053	15,587							
31	52	96 367	21 235,388	336 513,411	15,847	15,380							
32	53	96 099	20 168,020	315 278,024	15,633	15,166							
33	54	95 803	19 148,326	295 110,003	15,412	14,945							
34	55	95 472	18 173,522	275 961,677	15,185	14,718							
35	56	95 108	17 242,122	257 788,155	14,951	14,485							
36	57	94 715	16 353,183	240 546,033	14,709	14,243							
37	58	94 276	15 502,255	224 192,850	14,462	13,996							
38	59	93 788	14 687,768	208 690,595	14,208	13,742							
39	60	93 259	13 909,375	194 002,827	13,948	13,481							
40	61	92 674	13 163,891	180 093,453	13,681	13,214							
41	62	92 042	12 451,577	166 929,561	13,406	12,940							
42	63	91 346	11 768,948	154 477,985	13,126	12,659							
43	64	90 600	11 117,002	142 709,037	12,837	12,371							
44	65	89 785	10 492,420	131 592,035	12,542	12,075							
45	66	88 911	9 895,515	121 099,614	12,238	11,771							
46	67	87 967	9 324,208	111 204,099	11,926	11,460							
47	68	86 964	8 778,952	101 879,891	11,605	11,139							
48	69	85 876	8 256,297	93 100,939	11,276	10,810							
49	70	84 662	7 751,952	84 844,643	10,945	10,479							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	1 946 430,098	19,565	19,099	50	72	82 202	7 168,321	73 903,731	10,310	9,843
1	23	99 132	94 411,653	1 846 944,371	19,563	19,096	51	73	80 713	6 703,313	66 735,410	9,956	9,489
2	24	99 092	89 879,427	1 752 532,717	19,499	19,032	52	74	79 078	6 254,804	60 032,097	9,598	9,131
3	25	99 063	85 574,008	1 662 653,291	19,429	18,963	53	75	77 329	5 825,216	53 777,293	9,232	8,765
4	26	99 032	81 473,552	1 577 079,282	19,357	18,891	54	76	75 432	5 411,663	47 952,078	8,861	8,394
5	27	99 003	77 571,177	1 495 605,731	19,280	18,814	55	77	73 391	5 014,570	42 540,414	8,483	8,017
6	28	98 973	73 855,103	1 418 034,554	19,200	18,734	56	78	71 227	4 634,947	37 525,844	8,096	7,630
7	29	98 940	70 315,121	1 344 179,451	19,117	18,650	57	79	68 850	4 266,937	32 890,897	7,708	7,242
8	30	98 906	66 943,751	1 273 864,330	19,029	18,562	58	80	66 257	3 910,708	28 623,960	7,319	6,853
9	31	98 871	63 733,070	1 206 920,579	18,937	18,471	59	81	63 427	3 565,400	24 713,251	6,931	6,465
10	32	98 831	60 673,746	1 143 187,509	18,842	18,375	60	82	60 335	3 230,070	21 147,851	6,547	6,081
11	33	98 791	57 760,808	1 082 513,763	18,741	18,275	61	83	56 950	2 903,656	17 917,781	6,171	5,704
12	34	98 749	54 987,227	1 024 752,954	18,636	18,172	62	84	53 236	2 585,072	15 014,125	5,808	5,342
13	35	98 703	52 344,159	969 765,728	18,527	18,060	63	85	49 255	2 277,839	12 429,053	5,457	4,990
14	36	98 647	49 823,672	917 421,568	18,413	17,947	64	86	45 034	1 983,469	10 151,214	5,118	4,652
15	37	98 588	47 422,630	867 597,896	18,295	17,829	65	87	40 611	1 703,504	8 167,746	4,795	4,328
16	38	98 523	45 134,588	820 175,266	18,172	17,705	66	88	36 025	1 439,176	6 464,242	4,492	4,025
17	39	98 446	42 951,680	775 040,678	18,044	17,578	67	89	31 407	1 194,927	5 025,066	4,205	3,739
18	40	98 356	40 868,846	732 088,999	17,913	17,447	68	90	26 867	973,516	3 830,138	3,934	3,468
19	41	98 256	38 883,052	691 220,153	17,777	17,310	69	91	22 464	775,228	2 856,623	3,685	3,218
20	42	98 144	36 989,404	652 337,100	17,636	17,169	70	92	18 342	602,823	2 081,395	3,453	2,986
21	43	98 024	35 185,056	615 347,696	17,489	17,022	71	93	14 559	455,719	1 478,572	3,244	2,778
22	44	97 897	33 466,022	580 162,640	17,336	16,869	72	94	11 223	334,553	1 022,853	3,057	2,591
23	45	97 763	31 828,906	546 696,618	17,176	16,710	73	95	8 420	239,059	688,301	2,879	2,413
24	46	97 617	30 267,913	514 867,713	17,010	16,544	74	96	6 098	164,893	449,242	2,724	2,258
25	47	97 457	28 779,259	484 599,800	16,839	16,372	75	97	4 258	109,648	284,349	2,593	2,127
26	48	97 287	27 361,114	455 820,541	16,659	16,193	76	98	2 900	71,126	174,701	2,456	1,990
27	49	97 097	26 007,205	428 459,427	16,475	16,008	77	99	1 901	44,402	103,574	2,333	1,866
28	50	96 890	24 715,933	402 452,222	16,283	15,817	78	100	1 198	26,654	59,173	2,220	1,754
29	51	96 666	23 484,713	377 736,289	16,084	15,618							
30	52	96 418	22 308,939	354 251,575	15,879	15,413							
31	53	96 155	21 188,576	331 942,637	15,666	15,200							
32	54	95 861	20 118,032	310 754,061	15,447	14,980							
33	55	95 539	19 095,586	290 636,029	15,220	14,754							
34	56	95 175	18 116,959	271 540,442	14,988	14,522							
35	57	94 786	17 183,816	253 423,483	14,748	14,281							
36	58	94 359	16 291,756	236 239,667	14,501	14,034							
37	59	93 882	15 437,556	219 947,911	14,248	13,781							
38	60	93 354	14 619,698	204 510,356	13,989	13,522							
39	61	92 781	13 838,064	189 890,658	13,722	13,256							
40	62	92 156	13 090,356	176 052,594	13,449	12,983							
41	63	91 478	12 375,349	162 962,239	13,168	12,702							
42	64	90 728	11 689,388	150 586,890	12,882	12,416							
43	65	89 929	11 034,638	138 897,502	12,587	12,121							
44	66	89 066	10 408,337	127 862,864	12,285	11,818							
45	67	88 133	9 808,853	117 454,526	11,974	11,508							
46	68	87 144	9 236,953	107 645,674	11,654	11,187							
47	69	86 077	8 689,372	98 408,721	11,325	10,859							
48	70	84 884	8 160,967	89 719,349	10,994	10,527							
49	71	83 599	7 654,651	81 558,382	10,655	10,188							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	1 940 794,258	19,512	19,045	50	73	80 973	7 061,169	70 616,497	10,001	9,534
1	24	99 116	94 396,211	1 841 325,223	19,506	19,040	51	74	79 362	6 591,126	63 555,328	9,643	9,176
2	25	99 076	89 864,662	1 746 929,011	19,440	18,973	52	75	77 640	6 141,016	56 964,202	9,276	8,810
3	26	99 043	85 557,371	1 657 064,349	19,368	18,901	53	76	75 774	5 708,012	50 823,186	8,904	8,437
4	27	99 014	81 459,030	1 571 506,977	19,292	18,826	54	77	73 761	5 291,802	45 115,174	8,525	8,059
5	28	98 982	77 554,906	1 490 047,947	19,213	18,746	55	78	71 635	4 894,529	39 823,372	8,136	7,670
6	29	98 949	73 837,526	1 412 493,041	19,130	18,663	56	79	69 289	4 508,842	34 928,843	7,747	7,280
7	30	98 916	70 297,770	1 338 655,515	19,043	18,576	57	80	66 729	4 135,480	30 420,001	7,356	6,889
8	31	98 878	66 924,820	1 268 357,745	18,952	18,486	58	81	63 921	3 772,811	26 284,521	6,967	6,500
9	32	98 839	63 712,548	1 201 432,924	18,857	18,391	59	82	60 864	3 421,303	22 511,710	6,580	6,113
10	33	98 798	60 653,365	1 137 720,377	18,758	18,291	60	83	57 499	3 078,249	19 090,407	6,202	5,735
11	34	98 756	57 740,579	1 077 067,012	18,654	18,187	61	84	53 806	2 743,386	16 012,158	5,837	5,370
12	35	98 711	54 966,233	1 019 326,433	18,545	18,078	62	85	49 841	2 420,176	13 268,772	5,483	5,016
13	36	98 657	52 319,718	964 360,200	18,432	17,966	63	86	45 625	2 109,976	10 848,596	5,142	4,675
14	37	98 600	49 799,913	912 040,482	18,314	17,848	64	87	41 194	1 814,321	8 738,620	4,816	4,350
15	38	98 538	47 398,684	862 240,569	18,191	17,725	65	88	36 587	1 534,696	6 924,298	4,512	4,045
16	39	98 469	45 109,570	814 841,884	18,064	17,597	66	89	31 943	1 276,112	5 389,603	4,223	3,757
17	40	98 382	42 923,733	769 732,305	17,933	17,466	67	90	27 361	1 041,013	4 113,491	3,951	3,485
18	41	98 293	40 842,971	726 808,572	17,795	17,329	68	91	22 914	830,295	3 072,478	3,700	3,234
19	42	98 184	38 854,553	685 965,601	17,655	17,188	69	92	18 737	646,596	2 242,183	3,468	3,001
20	43	98 065	36 959,559	647 111,048	17,509	17,042	70	93	14 894	489,525	1 595,587	3,259	2,793
21	44	97 936	35 153,541	610 151,488	17,357	16,890	71	94	11 510	360,265	1 106,063	3,070	2,604
22	45	97 804	33 434,368	574 997,947	17,198	16,731	72	95	8 648	257,787	745,798	2,893	2,427
23	46	97 658	31 794,669	541 563,580	17,033	16,567	73	96	6 279	178,277	488,011	2,737	2,271
24	47	97 501	30 232,070	509 768,911	16,862	16,395	74	97	4 395	118,836	309,733	2,606	2,140
25	48	97 330	28 741,864	479 536,841	16,684	16,218	75	98	3 003	77,330	190,897	2,469	2,002
26	49	97 140	27 319,604	450 794,977	16,501	16,034	76	99	1 975	48,435	113,567	2,345	1,878
27	50	96 933	25 963,407	423 475,373	16,310	15,844	77	100	1 248	29,160	65,131	2,234	1,767
28	51	96 711	24 670,360	397 511,966	16,113	15,647							
29	52	96 466	23 435,947	372 841,607	15,909	15,443							
30	53	96 205	22 259,760	349 405,659	15,697	15,230							
31	54	95 916	21 136,058	327 145,899	15,478	15,012							
32	55	95 597	20 062,622	306 009,841	15,253	14,786							
33	56	95 241	19 036,154	285 947,219	15,021	14,555							
34	57	94 853	18 055,695	266 911,065	14,783	14,316							
35	58	94 430	17 119,268	248 855,370	14,537	14,070							
36	59	93 965	16 223,761	231 736,102	14,284	13,817							
37	60	93 447	15 366,011	215 512,341	14,025	13,559							
38	61	92 875	14 544,745	200 146,330	13,761	13,294							
39	62	92 262	13 760,762	185 601,585	13,488	13,021							
40	63	91 592	13 010,218	171 840,823	13,208	12,742							
41	64	90 860	12 291,689	158 830,605	12,922	12,455							
42	65	90 056	11 602,783	146 538,916	12,630	12,163							
43	66	89 208	10 946,210	134 936,132	12,327	11,861							
44	67	88 286	10 317,184	123 989,922	12,018	11,551							
45	68	87 308	9 717,062	113 672,739	11,698	11,232							
46	69	86 255	9 142,699	103 955,677	11,370	10,904							
47	70	85 083	8 589,042	94 812,978	11,039	10,572							
48	71	83 819	8 058,533	86 223,936	10,700	10,233							
49	72	82 444	7 548,906	78 165,403	10,355	9,888							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	1 934 848,351	19,455	18,989	50	74	79 618	6 942,993	67 234,466	9,684	9,217
1	25	99 100	94 380,705	1 835 395,584	19,447	18,980	51	75	77 918	6 471,220	60 291,473	9,317	8,850
2	26	99 057	89 847,191	1 741 014,879	19,378	18,911	52	76	76 078	6 017,458	53 820,253	8,944	8,478
3	27	99 026	85 542,122	1 651 167,688	19,302	18,836	53	77	74 095	5 581,587	47 802,795	8,564	8,098
4	28	98 993	81 441,944	1 565 625,566	19,224	18,757	54	78	71 995	5 165,124	42 221,208	8,174	7,708
5	29	98 958	77 536,449	1 484 183,622	19,142	18,675	55	79	69 686	4 761,361	37 056,084	7,783	7,316
6	30	98 925	73 819,306	1 406 647,173	19,055	18,589	56	80	67 155	4 369,932	32 294,723	7,390	6,924
7	31	98 888	70 277,891	1 332 827,867	18,965	18,499	57	81	64 376	3 989,657	27 924,791	6,999	6,533
8	32	98 847	66 903,270	1 262 549,976	18,871	18,405	58	82	61 338	3 620,332	23 935,134	6,611	6,145
9	33	98 806	63 691,146	1 195 646,706	18,773	18,306	59	83	58 003	3 260,494	20 314,803	6,231	5,764
10	34	98 763	60 632,123	1 131 955,560	18,669	18,203	60	84	54 325	2 908,343	17 054,308	5,864	5,398
11	35	98 718	57 718,534	1 071 323,437	18,561	18,095	61	85	50 374	2 568,391	14 145,966	5,508	5,041
12	36	98 665	54 940,567	1 013 604,904	18,449	17,983	62	86	46 168	2 241,824	11 577,575	5,164	4,698
13	37	98 610	52 294,769	958 664,336	18,332	17,866	63	87	41 734	1 930,040	9 335,751	4,837	4,371
14	38	98 551	49 774,768	906 369,567	18,209	17,743	64	88	37 111	1 634,532	7 405,710	4,531	4,064
15	39	98 484	47 372,421	856 594,800	18,082	17,616	65	89	32 442	1 360,808	5 771,179	4,241	3,775
16	40	98 404	45 080,228	809 222,379	17,951	17,484	66	90	27 829	1 111,741	4 410,370	3,967	3,501
17	41	98 320	42 896,557	764 142,151	17,814	17,347	67	91	23 336	887,862	3 298,630	3,715	3,249
18	42	98 221	40 813,035	721 245,594	17,672	17,206	68	92	19 112	692,526	2 410,767	3,481	3,015
19	43	98 104	38 823,204	680 432,558	17,526	17,060	69	93	15 215	525,071	1 718,242	3,272	2,806
20	44	97 977	36 926,455	641 609,355	17,375	16,909	70	94	11 775	386,989	1 193,171	3,083	2,617
21	45	97 844	35 120,291	604 682,900	17,217	16,751	71	95	8 869	277,600	806,182	2,904	2,438
22	46	97 699	33 398,404	569 562,609	17,054	16,587	72	96	6 449	192,244	528,582	2,750	2,283
23	47	97 542	31 757,018	536 164,205	16,883	16,417	73	97	4 525	128,482	336,338	2,618	2,151
24	48	97 375	30 192,787	504 407,188	16,706	16,240	74	98	3 100	83,810	207,856	2,480	2,014
25	49	97 182	28 698,259	474 214,400	16,524	16,058	75	99	2 045	52,660	124,045	2,356	1,889
26	50	96 976	27 273,596	445 516,141	16,335	15,869	76	100	1 297	31,810	71,385	2,244	1,778
27	51	96 755	25 915,533	418 242,545	16,139	15,672							
28	52	96 510	24 619,132	392 327,012	15,936	15,469							
29	53	96 253	23 384,285	367 707,880	15,725	15,258							
30	54	95 967	22 204,588	344 323,596	15,507	15,040							
31	55	95 652	21 077,844	322 119,008	15,282	14,816							
32	56	95 300	20 000,179	301 041,164	15,052	14,586							
33	57	94 919	18 971,781	281 040,985	14,814	14,347							
34	58	94 497	17 987,873	262 069,204	14,569	14,103							
35	59	94 036	17 047,820	244 081,331	14,317	13,851							
36	60	93 530	16 148,572	227 033,511	14,059	13,593							
37	61	92 968	15 287,232	210 884,939	13,795	13,328							
38	62	92 356	14 463,496	195 597,706	13,524	13,057							
39	63	91 698	13 676,520	181 134,211	13,244	12,778							
40	64	90 973	12 922,266	167 457,691	12,959	12,492							
41	65	90 187	12 200,623	154 535,425	12,666	12,200							
42	66	89 334	11 509,802	142 334,802	12,366	11,900							
43	67	88 427	10 850,346	130 825,000	12,057	11,591							
44	68	87 460	10 220,636	119 974,654	11,738	11,272							
45	69	86 417	9 617,910	109 754,018	11,411	10,945							
46	70	85 259	9 037,135	100 136,109	11,081	10,614							
47	71	84 015	8 481,234	91 098,974	10,741	10,275							
48	72	82 661	7 947,208	82 617,740	10,396	9,929							
49	73	81 212	7 436,066	74 670,532	10,042	9,575							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	1 928 577,581	19,395	18,929	50	75	78 170	6 816,685	63 765,875	9,354	8,888
1	26	99 080	94 362,356	1 829 141,151	19,384	18,918	51	76	76 351	6 341,019	56 949,190	8,981	8,515
2	27	99 039	89 831,177	1 734 778,795	19,312	18,845	52	77	74 393	5 884,179	50 608,171	8,601	8,134
3	28	99 005	85 524,179	1 644 947,618	19,234	18,767	53	78	72 322	5 447,972	44 723,992	8,209	7,743
4	29	98 970	81 422,562	1 559 423,438	19,152	18,686	54	79	70 036	5 024,594	39 276,020	7,817	7,350
5	30	98 934	77 517,316	1 478 000,877	19,067	18,600	55	80	67 539	4 614,671	34 251,426	7,422	6,956
6	31	98 897	73 798,431	1 400 483,561	18,977	18,511	56	81	64 787	4 215,842	29 636,755	7,030	6,563
7	32	98 856	70 255,261	1 326 685,130	18,884	18,417	57	82	61 774	3 828,413	25 420,913	6,640	6,174
8	33	98 813	66 880,797	1 256 429,869	18,786	18,320	58	83	58 455	3 450,168	21 592,499	6,258	5,792
9	34	98 771	63 668,840	1 189 549,072	18,683	18,217	59	84	54 802	3 080,528	18 142,332	5,889	5,423
10	35	98 726	60 608,974	1 125 880,233	18,576	18,110	60	85	50 860	2 722,825	15 061,803	5,532	5,065
11	36	98 672	57 691,583	1 065 271,259	18,465	17,999	61	86	46 662	2 379,117	12 338,978	5,186	4,720
12	37	98 618	54 914,369	1 007 579,676	18,348	17,882	62	87	42 231	2 050,644	9 959,861	4,857	4,391
13	38	98 560	52 268,363	952 665,307	18,226	17,760	63	88	37 599	1 738,784	7 909,217	4,549	4,082
14	39	98 496	49 747,187	900 396,944	18,099	17,633	64	89	32 907	1 449,333	6 170,433	4,257	3,791
15	40	98 420	47 341,598	850 649,757	17,968	17,502	65	90	28 263	1 185,528	4 721,101	3,982	3,516
16	41	98 342	45 051,687	803 308,159	17,831	17,364	66	91	23 735	948,185	3 535,573	3,729	3,262
17	42	98 248	42 865,116	758 256,472	17,689	17,223	67	92	19 464	740,541	2 587,388	3,494	3,028
18	43	98 142	40 780,105	715 391,355	17,543	17,076	68	93	15 520	562,368	1 846,847	3,284	2,818
19	44	98 016	38 788,430	674 611,250	17,392	16,926	69	94	12 028	415,090	1 284,479	3,094	2,628
20	45	97 884	36 891,528	635 822,821	17,235	16,769	70	95	9 073	298,192	869,389	2,916	2,449
21	46	97 739	35 082,513	598 931,292	17,072	16,606	71	96	6 614	207,019	571,197	2,759	2,293
22	47	97 583	33 358,854	563 848,779	16,903	16,436	72	97	4 648	138,548	364,178	2,629	2,162
23	48	97 416	31 715,754	530 489,926	16,726	16,260	73	98	3 192	90,613	225,630	2,490	2,024
24	49	97 227	30 146,982	498 774,172	16,545	16,078	74	99	2 111	57,073	135,017	2,366	1,899
25	50	97 019	28 649,930	468 627,190	16,357	15,891	75	100	1 343	34,584	77,944	2,254	1,787
26	51	96 797	27 223,306	439 977,261	16,162	15,695							
27	52	96 554	25 861,719	412 753,955	15,960	15,494							
28	53	96 297	24 564,861	386 892,235	15,750	15,283							
29	54	96 014	23 326,325	362 327,375	15,533	15,067							
30	55	95 703	22 143,430	339 001,050	15,309	14,843							
31	56	95 354	21 012,242	316 857,620	15,080	14,613							
32	57	94 977	19 932,547	295 845,378	14,842	14,376							
33	58	94 563	18 900,518	275 912,831	14,598	14,132							
34	59	94 102	17 912,799	257 012,313	14,348	13,882							
35	60	93 600	16 968,812	239 099,514	14,091	13,624							
36	61	93 050	16 065,782	222 130,702	13,826	13,360							
37	62	92 449	15 201,835	206 064,920	13,555	13,089							
38	63	91 791	14 374,951	190 863,085	13,277	12,811							
39	64	91 078	13 584,064	176 488,134	12,992	12,526							
40	65	90 299	12 826,528	162 904,070	12,701	12,234							
41	66	89 464	12 102,851	150 077,542	12,400	11,934							
42	67	88 552	11 409,002	137 974,692	12,093	11,627							
43	68	87 599	10 748,809	126 565,690	11,775	11,308							
44	69	86 567	10 116,345	115 816,881	11,448	10,982							
45	70	85 419	9 506,858	105 700,536	11,118	10,652							
46	71	84 189	8 923,703	96 193,677	10,780	10,313							
47	72	82 854	8 364,070	87 269,975	10,434	9,968							
48	73	81 425	7 828,414	78 905,904	10,079	9,613							
49	74	79 853	7 311,615	71 077,491	9,721	9,255							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	8 228,317	120 071,336	14,592	14,126
1	0	99 661	94 915,621	1 915 332,018	20,179	19,713	51	50	93 896	7 798,156	111 843,020	14,342	13,876
2	1	99 349	90 112,633	1 820 416,397	20,202	19,735	52	51	93 387	7 386,597	104 044,864	14,086	13,619
3	2	99 314	85 791,054	1 730 303,764	20,169	19,702	53	52	92 821	6 992,194	96 658,267	13,824	13,357
4	3	99 289	81 685,345	1 644 512,709	20,132	19,666	54	53	92 198	6 614,559	89 666,073	13,556	13,089
5	4	99 268	77 778,935	1 562 827,364	20,093	19,627	55	54	91 509	6 252,494	83 051,514	13,283	12,817
6	5	99 250	74 061,626	1 485 048,429	20,052	19,585	56	55	90 738	5 904,585	76 799,020	13,007	12,540
7	6	99 234	70 523,739	1 410 986,802	20,007	19,541	57	56	89 883	5 570,406	70 894,435	12,727	12,261
8	7	99 217	67 154,035	1 340 463,063	19,961	19,495	58	57	88 946	5 249,830	65 324,029	12,443	11,977
9	8	99 205	63 948,307	1 273 309,029	19,912	19,445	59	58	87 927	4 942,584	60 074,199	12,154	11,688
10	9	99 190	60 893,872	1 209 360,722	19,860	19,394	60	59	86 799	4 646,844	55 131,615	11,864	11,398
11	10	99 177	57 986,763	1 148 466,850	19,806	19,339	61	60	85 572	4 362,968	50 484,771	11,571	11,105
12	11	99 165	55 218,602	1 090 480,087	19,748	19,282	62	61	84 231	4 090,115	46 121,803	11,276	10,810
13	12	99 148	52 580,445	1 035 261,485	19,689	19,223	63	62	82 776	3 828,060	42 031,688	10,980	10,513
14	13	99 133	50 068,796	982 681,040	19,627	19,160	64	63	81 204	3 576,511	38 203,629	10,682	10,215
15	14	99 113	47 674,909	932 612,244	19,562	19,096	65	64	79 515	3 335,360	34 627,117	10,382	9,915
16	15	99 088	45 393,430	884 937,335	19,495	19,028	66	65	77 714	3 104,594	31 291,758	10,079	9,613
17	16	99 054	43 216,948	839 543,905	19,426	18,960	67	66	75 796	2 883,788	28 187,164	9,774	9,308
18	17	99 015	41 142,764	796 326,957	19,355	18,889	68	67	73 774	2 673,190	25 303,376	9,466	8,999
19	18	98 964	39 163,381	755 184,193	19,283	18,817	69	68	71 648	2 472,541	22 630,187	9,153	8,686
20	19	98 908	37 277,355	716 020,812	19,208	18,742	70	69	69 422	2 281,634	20 157,646	8,835	8,368
21	20	98 851	35 481,761	678 743,457	19,129	18,663	71	70	67 076	2 099,543	17 876,012	8,514	8,048
22	21	98 795	33 772,957	643 261,696	19,047	18,580	72	71	64 582	1 925,228	15 776,469	8,195	7,728
23	22	98 737	32 145,777	609 488,740	18,960	18,494	73	72	62 016	1 760,695	13 851,241	7,867	7,401
24	23	98 678	30 597,027	577 342,963	18,869	18,403	74	73	59 328	1 604,165	12 090,546	7,537	7,071
25	24	98 617	29 121,914	546 745,935	18,774	18,308	75	74	56 516	1 455,363	10 486,381	7,205	6,739
26	25	98 557	27 718,352	517 624,022	18,674	18,208	76	75	53 588	1 314,251	9 031,018	6,872	6,405
27	26	98 495	26 381,668	489 905,670	18,570	18,104	77	76	50 543	1 180,556	7 716,766	6,537	6,070
28	27	98 433	25 109,621	463 524,002	18,460	17,994	78	77	47 434	1 055,171	6 536,210	6,194	5,728
29	28	98 367	23 897,851	438 414,381	18,345	17,879	79	78	44 228	937,003	5 481,040	5,850	5,383
30	29	98 295	22 743,216	414 516,530	18,226	17,760	80	79	40 896	825,157	4 544,036	5,507	5,040
31	30	98 219	21 643,425	391 773,314	18,101	17,635	81	80	37 425	719,163	3 718,879	5,171	4,705
32	31	98 135	20 595,135	370 129,890	17,972	17,505	82	81	33 859	619,666	2 999,716	4,841	4,374
33	32	98 043	19 596,120	349 534,754	17,837	17,371	83	82	30 236	527,005	2 380,050	4,516	4,050
34	33	97 941	18 643,622	329 938,634	17,697	17,231	84	83	26 539	440,532	1 853,046	4,206	3,740
35	34	97 838	17 737,139	311 295,012	17,550	17,084	85	84	22 828	360,887	1 412,514	3,914	3,448
36	35	97 727	16 873,315	293 557,873	17,398	16,931	86	85	19 194	288,986	1 051,627	3,639	3,173
37	36	97 595	16 048,135	276 684,559	17,241	16,775	87	86	15 740	225,708	762,641	3,379	2,912
38	37	97 451	15 261,411	260 636,424	17,078	16,612	88	87	12 540	171,257	536,933	3,135	2,669
39	38	97 303	14 512,577	245 375,013	16,908	16,441	89	88	9 640	125,379	365,677	2,917	2,450
40	39	97 137	13 797,894	230 862,436	16,732	16,265	90	89	7 136	88,389	240,298	2,719	2,252
41	40	96 954	13 116,049	217 064,542	16,550	16,083	91	90	5 077	59,888	151,909	2,537	2,070
42	41	96 752	12 465,456	203 948,493	16,361	15,895	92	91	3 461	38,883	92,021	2,367	1,900
43	42	96 544	11 846,380	191 483,037	16,164	15,697	93	92	2 240	23,970	53,139	2,217	1,750
44	43	96 312	11 255,186	179 636,657	15,960	15,494	94	93	1 374	13,997	29,169	2,084	1,617
45	44	96 059	10 691,055	168 381,471	15,750	15,283	95	94	793	7,694	15,171	1,972	1,505
46	45	95 788	10 153,209	157 690,416	15,531	15,065	96	95	433	4,004	7,477	1,868	1,401
47	46	95 488	9 639,397	147 537,207	15,306	14,839	97	96	221	1,949	3,474	1,782	1,316
48	47	95 152	9 148,127	137 897,810	15,074	14,607	98	97	106	0,892	1,524	1,708	1,242
49	48	94 779	8 678,346	128 749,682	14,836	14,369	99	98	49	0,388	0,632	1,627	1,161
							100	99	21	0,156	0,244	1,562	1,095

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	8 240,819	120 928,188	14,674	14,208
1							51	49	94 054	7 811,310	112 687,370	14,426	13,960
2	0	99 637	90 373,983	1 821 842,233	20,159	19,693	52	50	93 560	7 400,242	104 876,059	14,172	13,706
3	1	99 336	85 810,140	1 731 468,250	20,178	19,711	53	51	93 014	7 006,743	97 475,817	13,912	13,445
4	2	99 302	81 696,081	1 645 658,110	20,144	19,677	54	52	92 402	6 629,173	90 469,074	13,647	13,181
5	3	99 278	77 786,691	1 563 962,029	20,106	19,639	55	53	91 737	6 268,030	83 839,901	13,376	12,909
6	4	99 259	74 068,444	1 486 175,339	20,065	19,598	56	54	90 989	5 920,893	77 571,871	13,101	12,635
7	5	99 241	70 528,531	1 412 106,894	20,022	19,555	57	55	90 163	5 587,797	71 650,978	12,823	12,356
8	6	99 224	67 158,938	1 341 578,364	19,976	19,510	58	56	89 247	5 267,643	66 063,181	12,541	12,075
9	7	99 210	63 951,353	1 274 419,425	19,928	19,462	59	57	88 259	4 961,220	60 795,538	12,254	11,788
10	8	99 197	60 898,261	1 210 468,072	19,877	19,410	60	58	87 163	4 666,319	55 834,318	11,965	11,499
11	9	99 182	57 989,845	1 149 569,812	19,824	19,357	61	59	85 970	4 383,282	51 168,000	11,673	11,207
12	10	99 170	55 221,672	1 091 579,967	19,767	19,301	62	60	84 665	4 111,192	46 784,717	11,380	10,913
13	11	99 156	52 584,489	1 036 358,295	19,708	19,242	63	61	83 241	3 849,564	42 673,525	11,085	10,619
14	12	99 139	50 071,961	983 773,806	19,647	19,181	64	62	81 704	3 598,541	38 823,961	10,789	10,322
15	13	99 121	47 678,677	933 701,845	19,583	19,117	65	63	80 056	3 358,061	35 225,420	10,490	10,023
16	14	99 097	45 397,618	886 023,168	19,517	19,051	66	64	78 294	3 127,767	31 867,359	10,189	9,722
17	15	99 066	43 221,952	840 625,550	19,449	18,983	67	65	76 408	2 907,084	28 739,592	9,886	9,420
18	16	99 028	41 148,024	797 403,598	19,379	18,913	68	66	74 426	2 696,808	25 832,508	9,579	9,113
19	17	98 977	39 168,459	756 255,574	19,308	18,841	69	67	72 325	2 495,897	23 135,701	9,269	8,803
20	18	98 924	37 283,407	717 087,114	19,233	18,767	70	68	70 138	2 305,155	20 639,803	8,954	8,487
21	19	98 867	35 487,594	679 803,707	19,156	18,690	71	69	67 859	2 124,068	18 334,648	8,632	8,165
22	20	98 811	33 778,486	644 316,114	19,075	18,608	72	70	65 403	1 949,700	16 210,579	8,314	7,848
23	21	98 753	32 151,236	610 537,628	18,990	18,523	73	71	62 885	1 785,358	14 260,879	7,988	7,521
24	22	98 695	30 602,161	578 386,392	18,900	18,434	74	72	60 228	1 628,508	12 475,521	7,661	7,194
25	23	98 633	29 126,678	547 784,230	18,807	18,341	75	73	57 478	1 480,135	10 847,013	7,328	6,862
26	24	98 574	27 722,906	518 657,553	18,709	18,242	76	74	54 581	1 338,603	9 366,878	6,998	6,531
27	25	98 514	26 386,798	490 934,647	18,605	18,139	77	75	51 581	1 204,796	8 028,274	6,664	6,197
28	26	98 451	25 114,098	464 547,849	18,497	18,031	78	76	48 508	1 079,071	6 823,478	6,323	5,857
29	27	98 387	23 902,864	439 433,751	18,384	17,918	79	77	45 313	959,984	5 744,407	5,984	5,517
30	28	98 318	22 748,630	415 530,887	18,266	17,800	80	78	42 040	848,235	4 784,423	5,640	5,174
31	29	98 243	21 648,767	392 782,257	18,143	17,677	81	79	38 615	742,024	3 936,188	5,305	4,838
32	30	98 162	20 600,961	371 133,491	18,015	17,549	82	80	35 097	642,315	3 194,164	4,973	4,506
33	31	98 075	19 602,432	350 532,530	17,882	17,416	83	81	31 510	549,201	2 551,849	4,646	4,180
34	32	97 974	18 649,887	330 930,098	17,744	17,278	84	82	27 848	462,259	2 002,648	4,332	3,866
35	33	97 873	17 743,353	312 280,211	17,600	17,133	85	83	24 161	381,970	1 540,390	4,033	3,566
36	34	97 764	16 879,759	294 536,858	17,449	16,983	86	84	20 501	308,676	1 158,419	3,753	3,286
37	35	97 641	16 055,632	277 657,099	17,293	16,827	87	85	16 993	243,664	849,744	3,487	3,021
38	36	97 498	15 268,692	261 601,467	17,133	16,667	88	86	13 709	187,223	606,080	3,237	2,771
39	37	97 352	14 519,909	246 332,775	16,965	16,499	89	87	10 700	139,170	418,857	3,010	2,543
40	38	97 191	13 805,543	231 812,866	16,791	16,325	90	88	8 047	99,683	279,687	2,806	2,339
41	39	97 017	13 124,588	218 007,323	16,611	16,144	91	89	5 827	68,742	180,004	2,619	2,152
42	40	96 813	12 473,353	204 882,734	16,426	15,959	92	90	4 058	45,590	111,262	2,440	1,974
43	41	96 615	11 855,069	192 409,381	16,230	15,764	93	91	2 686	28,739	65,672	2,285	1,819
44	42	96 390	11 264,275	180 554,312	16,029	15,563	94	92	1 691	17,237	36,933	2,143	1,676
45	43	96 145	10 700,640	169 290,037	15,821	15,354	95	93	1 003	9,733	19,696	2,024	1,557
46	44	95 879	10 162,822	158 589,398	15,605	15,138	96	94	562	5,196	9,964	1,918	1,451
47	45	95 590	9 649,777	148 426,576	15,381	14,915	97	95	297	2,614	4,768	1,824	1,358
48	46	95 265	9 158,973	138 776,799	15,152	14,686	98	96	128	1,238	2,154	1,739	1,273
49	47	94 902	8 689,637	129 617,826	14,916	14,450	99	97	69	0,551	0,916	1,663	1,196
							100	98	30	0,229	0,365	1,593	1,127

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	8 251,541	121 716,306	14,751	14,284
1							51	48	94 197	7 823,179	113 464,766	14,504	14,037
2							52	49	93 718	7 412,726	105 641,587	14,251	13,785
3	0	99 624	86 059,011	1 732 787,239	20,135	19,668	53	50	93 186	7 019,687	98 228,861	13,993	13,527
4	1	99 324	81 714,255	1 646 728,228	20,152	19,686	54	51	92 594	6 642,967	91 209,174	13,730	13,264
5	2	99 291	77 796,913	1 565 013,973	20,117	19,650	55	52	91 939	6 281,878	84 566,207	13,462	12,996
6	3	99 269	74 075,830	1 487 217,060	20,077	19,611	56	53	91 215	5 935,605	78 284,329	13,189	12,723
7	4	99 250	70 535,024	1 413 141,230	20,035	19,568	57	54	90 412	5 603,230	72 348,725	12,912	12,446
8	5	99 231	67 163,502	1 342 606,206	19,990	19,524	58	55	89 526	5 284,089	66 745,495	12,631	12,165
9	6	99 217	63 956,023	1 275 442,705	19,942	19,476	59	56	88 558	4 978,054	61 461,406	12,346	11,880
10	7	99 202	60 901,161	1 211 486,682	19,893	19,426	60	57	87 492	4 683,913	56 483,352	12,059	11,593
11	8	99 189	57 994,025	1 150 585,521	19,840	19,373	61	58	86 330	4 401,653	51 799,439	11,768	11,302
12	9	99 175	55 224,607	1 092 591,496	19,785	19,318	62	59	85 059	4 130,334	47 397,786	11,476	11,009
13	10	99 161	52 587,412	1 037 366,889	19,727	19,260	63	60	83 670	3 869,402	43 267,452	11,182	10,716
14	11	99 147	50 075,812	984 779,477	19,666	19,199	64	61	82 163	3 618,756	39 398,050	10,887	10,421
15	12	99 127	47 681,690	934 703,665	19,603	19,137	65	62	80 549	3 378,745	35 779,294	10,590	10,123
16	13	99 105	45 401,206	887 021,974	19,537	19,071	66	63	78 827	3 149,055	32 400,549	10,289	9,823
17	14	99 075	43 225,940	841 620,768	19,470	19,004	67	64	76 979	2 928,783	29 251,494	9,988	9,521
18	15	99 039	41 152,788	798 394,828	19,401	18,934	68	65	75 027	2 718,594	26 322,711	9,682	9,216
19	16	98 989	39 173,467	757 242,040	19,330	18,864	69	66	72 964	2 517,949	23 604,118	9,374	8,908
20	17	98 937	37 288,242	718 068,572	19,257	18,791	70	67	70 800	2 326,931	21 086,169	9,062	8,595
21	18	98 883	35 493,355	680 780,331	19,181	18,714	71	68	68 559	2 145,966	18 759,238	8,742	8,275
22	19	98 827	33 784,039	645 286,976	19,100	18,634	72	69	66 167	1 972,475	16 613,272	8,423	7,956
23	20	98 769	32 156,500	611 502,937	19,016	18,550	73	70	63 684	1 808,053	14 640,797	8,098	7,631
24	21	98 712	30 607,358	579 346,438	18,928	18,462	74	71	61 072	1 651,320	12 832,745	7,771	7,305
25	22	98 650	29 131,565	548 739,079	18,837	18,370	75	72	58 350	1 502,596	11 181,424	7,441	6,975
26	23	98 590	27 727,441	519 607,514	18,740	18,273	76	73	55 510	1 361,388	9 678,829	7,110	6,643
27	24	98 530	26 391,133	491 880,073	18,638	18,172	77	74	52 537	1 227,120	8 317,441	6,778	6,312
28	25	98 470	25 118,981	465 488,940	18,531	18,065	78	75	49 504	1 101,227	7 090,321	6,439	5,972
29	26	98 405	23 907,126	440 369,959	18,420	17,954	79	76	46 339	981,728	5 989,093	6,101	5,634
30	27	98 339	22 753,402	416 462,833	18,303	17,837	80	77	43 071	869,039	5 007,365	5,762	5,296
31	28	98 266	21 653,920	393 709,431	18,182	17,715	81	78	39 695	762,777	4 138,327	5,425	4,959
32	29	98 187	20 606,046	372 055,511	18,056	17,589	82	79	36 213	662,733	3 375,549	5,093	4,627
33	30	98 102	19 607,977	351 449,465	17,924	17,457	83	80	32 661	569,274	2 712,817	4,765	4,299
34	31	98 006	18 655,894	331 841,488	17,787	17,321	84	81	29 020	481,728	2 143,543	4,450	3,983
35	32	97 905	17 749,315	313 185,594	17,645	17,179	85	82	25 353	400,809	1 661,815	4,146	3,680
36	33	97 799	16 885,673	295 436,279	17,496	17,030	86	83	21 699	326,708	1 261,005	3,860	3,393
37	34	97 678	16 061,764	278 550,606	17,342	16,876	87	84	18 150	260,266	934,297	3,590	3,123
38	35	97 543	15 275,824	262 488,842	17,183	16,717	88	85	14 800	202,118	674,031	3,335	2,868
39	36	97 399	14 526,836	247 213,017	17,018	16,551	89	86	11 698	152,144	471,913	3,102	2,635
40	37	97 240	13 812,518	232 686,181	16,846	16,380	90	87	8 933	110,648	319,769	2,890	2,424
41	38	97 071	13 131,865	218 873,663	16,667	16,201	91	88	6 572	77,526	209,121	2,697	2,231
42	39	96 876	12 481,474	205 741,798	16,484	16,017	92	89	4 658	52,330	131,595	2,515	2,048
43	40	96 676	11 862,579	193 260,324	16,292	15,825	93	90	3 149	33,696	79,264	2,352	1,886
44	41	96 461	11 272,537	181 397,745	16,092	15,626	94	91	2 028	20,666	45,569	2,205	1,739
45	42	96 223	10 709,280	170 125,208	15,886	15,419	95	92	1 235	11,985	24,903	2,078	1,611
46	43	95 965	10 171,933	159 415,928	15,672	15,206	96	93	711	6,573	12,917	1,965	1,499
47	44	95 681	9 658,913	149 243,995	15,451	14,985	97	94	385	3,392	6,345	1,871	1,404
48	45	95 368	9 168,836	139 585,082	15,224	14,757	98	95	198	1,660	2,953	1,778	1,312
49	46	95 015	8 699,940	130 416,246	14,990	14,524	99	96	96	0,764	1,292	1,691	1,225
							100	97	43	0,325	0,528	1,626	1,160

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	8 261,324	122 440,285	14,821	14,355
1							51	47	94 320	7 833,358	114 178,961	14,576	14,110
2							52	48	93 860	7 423,989	106 345,604	14,325	13,858
3							53	49	93 343	7 031,528	98 921,615	14,068	13,602
4	0	99 612	81 951,247	1 647 947,748	20,109	19,642	54	50	92 765	6 655,238	91 890,087	13,807	13,341
5	1	99 313	77 814,220	1 565 996,501	20,125	19,658	55	51	92 131	6 294,949	85 234,848	13,540	13,074
6	2	99 282	74 085,565	1 488 182,281	20,087	19,621	56	52	91 416	5 948,718	78 939,899	13,270	12,804
7	3	99 260	70 542,057	1 414 096,716	20,046	19,580	57	53	90 637	5 617,152	72 991,181	12,994	12,528
8	4	99 240	67 169,685	1 343 554,659	20,002	19,536	58	54	89 773	5 298,683	67 374,028	12,715	12,249
9	5	99 224	63 960,368	1 276 384,974	19,956	19,489	59	55	88 835	4 993,596	62 075,345	12,431	11,965
10	6	99 209	60 905,608	1 212 424,606	19,907	19,440	60	56	87 789	4 699,806	57 081,750	12,146	11,679
11	7	99 194	57 996,787	1 151 518,997	19,855	19,388	61	57	86 656	4 418,249	52 381,944	11,856	11,389
12	8	99 183	55 228,587	1 093 522,211	19,800	19,334	62	58	85 416	4 147,644	47 963,695	11,564	11,098
13	9	99 167	52 590,208	1 038 293,623	19,743	19,277	63	59	84 060	3 887,418	43 816,050	11,271	10,805
14	10	99 152	50 078,596	985 703,416	19,683	19,217	64	60	82 586	3 637,405	39 928,632	10,977	10,511
15	11	99 134	47 685,358	935 624,820	19,621	19,154	65	61	81 001	3 397,725	36 291,228	10,681	10,215
16	12	99 111	45 404,076	887 939,462	19,556	19,090	66	62	79 312	3 168,452	32 893,502	10,382	9,915
17	13	99 082	43 229,357	842 535,386	19,490	19,023	67	63	77 503	2 948,717	29 725,050	10,081	9,614
18	14	99 048	41 156,585	799 306,029	19,421	18,955	68	64	75 587	2 738,885	26 776,334	9,776	9,310
19	15	99 001	39 178,003	758 149,444	19,351	18,885	69	65	73 553	2 538,290	24 037,448	9,470	9,004
20	16	98 949	37 293,009	718 971,442	19,279	18,813	70	66	71 426	2 347,489	21 499,158	9,158	8,692
21	17	98 896	35 497,957	681 678,432	19,203	18,737	71	67	69 206	2 166,237	19 151,669	8,841	8,375
22	18	98 843	33 789,523	646 180,475	19,124	18,657	72	68	66 849	1 992,810	16 985,432	8,523	8,057
23	19	98 786	32 161,786	612 390,952	19,041	18,575	73	69	64 428	1 829,173	14 992,622	8,196	7,730
24	20	98 728	30 612,369	580 229,166	18,954	18,488	74	70	61 848	1 672,311	13 163,449	7,871	7,405
25	21	98 667	29 136,513	549 616,797	18,864	18,397	75	71	59 167	1 523,644	11 491,138	7,542	7,075
26	22	98 606	27 732,094	520 480,284	18,768	18,302	76	72	56 352	1 382,046	9 967,494	7,212	6,746
27	23	98 546	26 395,450	492 748,190	18,668	18,202	77	73	53 431	1 248,007	8 585,448	6,879	6,413
28	24	98 486	25 123,108	466 352,740	18,563	18,096	78	74	50 422	1 121,632	7 337,441	6,542	6,075
29	25	98 424	23 911,774	441 229,632	18,452	17,986	79	75	47 290	1 001,886	6 215,809	6,204	5,738
30	26	98 356	22 757,458	417 317,857	18,338	17,871	80	76	44 046	888,723	5 213,923	5,867	5,400
31	27	98 287	21 658,463	394 560,399	18,217	17,751	81	77	40 668	781,485	4 325,200	5,535	5,068
32	28	98 210	20 610,951	372 901,936	18,092	17,626	82	78	37 226	681,268	3 543,715	5,202	4,735
33	29	98 127	19 612,817	352 290,985	17,962	17,496	83	79	33 700	587,370	2 862,447	4,873	4,407
34	30	98 034	18 661,171	332 678,168	17,827	17,361	84	80	30 081	499,335	2 275,077	4,556	4,090
35	31	97 937	17 755,032	314 016,997	17,686	17,220	85	81	26 421	417,691	1 775,742	4,251	3,785
36	32	97 832	16 891,347	296 261,965	17,539	17,073	86	82	22 769	342,822	1 358,051	3,961	3,495
37	33	97 712	16 067,392	279 370,618	17,387	16,921	87	83	19 211	275,471	1 015,229	3,685	3,219
38	34	97 581	15 281,659	263 303,226	17,230	16,764	88	84	15 808	215,889	739,758	3,427	2,960
39	35	97 444	14 533,622	248 021,568	17,065	16,599	89	85	12 628	164,248	523,870	3,190	2,723
40	36	97 286	13 819,108	233 487,945	16,896	16,430	90	86	9 765	120,964	359,621	2,973	2,507
41	37	97 120	13 138,499	219 668,838	16,719	16,253	91	87	7 295	86,054	238,658	2,773	2,307
42	38	96 930	12 488,394	206 530,339	16,538	16,071	92	88	5 253	59,017	152,604	2,586	2,119
43	39	96 739	11 870,303	194 041,944	16,347	15,880	93	89	3 615	38,678	93,587	2,420	1,953
44	40	96 522	11 279,678	182 171,642	16,150	15,684	94	90	2 378	24,231	54,909	2,266	1,800
45	41	96 294	10 717,135	170 891,963	15,946	15,479	95	91	1 481	14,370	30,678	2,135	1,669
46	42	96 042	10 180,147	160 174,828	15,734	15,268	96	92	876	8,094	16,309	2,015	1,549
47	43	95 767	9 667,572	149 994,681	15,515	15,049	97	93	487	4,291	8,215	1,915	1,448
48	44	95 458	9 177,516	140 327,109	15,290	14,824	98	94	257	2,155	3,924	1,821	1,355
49	45	95 117	8 709,308	131 149,593	15,059	14,592	99	95	128	1,025	1,769	1,727	1,260
							100	96	59	0,451	0,745	1,652	1,186

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	8 270,219	123 104,590	14,885	14,419
1							51	46	94 431	7 842,645	114 834,371	14,642	14,176
2							52	47	93 982	7 433,648	106 991,726	14,393	13,926
3							53	48	93 485	7 042,212	99 558,078	14,137	13,671
4							54	49	92 922	6 666,465	92 515,866	13,878	13,411
5	0	99 601	78 039,902	1 567 123,610	20,081	19,615	55	50	92 301	6 306,578	85 849,401	13,613	13,146
6	1	99 304	74 102,046	1 489 083,708	20,095	19,629	56	51	91 607	5 961,097	79 542,823	13,344	12,877
7	2	99 273	70 551,328	1 414 981,662	20,056	19,590	57	52	90 837	5 629,562	73 581,726	13,071	12,604
8	3	99 250	67 176,382	1 344 430,335	20,013	19,547	58	53	89 996	5 311,849	67 952,164	12,793	12,326
9	4	99 233	63 966,256	1 277 253,952	19,968	19,501	59	54	89 080	5 007,387	62 640,315	12,510	12,043
10	5	99 216	60 909,747	1 213 287,696	19,919	19,453	60	55	88 063	4 714,479	57 632,928	12,225	11,758
11	6	99 201	58 001,022	1 152 377,949	19,868	19,402	61	56	86 950	4 433,241	52 918,449	11,937	11,470
12	7	99 187	55 231,218	1 094 376,927	19,814	19,348	62	57	85 738	4 163,283	48 485,208	11,646	11,180
13	8	99 174	52 593,998	1 039 145,709	19,758	19,291	63	58	84 412	3 903,710	44 321,925	11,354	10,887
14	9	99 157	50 081,258	986 551,711	19,699	19,233	64	59	82 971	3 654,341	40 418,215	11,060	10,594
15	10	99 140	47 688,009	936 470,454	19,637	19,171	65	60	81 419	3 415,235	36 763,874	10,765	10,298
16	11	99 119	45 407,568	888 782,445	19,573	19,107	66	61	79 758	3 186,251	33 348,640	10,466	10,000
17	12	99 089	43 232,089	843 374,877	19,508	19,042	67	62	77 980	2 966,880	30 162,389	10,166	9,700
18	13	99 056	41 159,838	800 142,788	19,440	18,973	68	63	76 101	2 757,527	27 195,509	9,862	9,396
19	14	99 010	39 181,617	758 982,950	19,371	18,904	69	64	74 102	2 557,236	24 437,982	9,556	9,090
20	15	98 961	37 297,327	719 801,332	19,299	18,833	70	65	72 003	2 366,453	21 880,746	9,246	8,780
21	16	98 909	35 502,496	682 504,005	19,224	18,758	71	66	69 818	2 185,376	19 514,293	8,929	8,463
22	17	98 856	33 793,905	647 001,509	19,146	18,679	72	67	67 481	2 011,634	17 328,917	8,614	8,148
23	18	98 802	32 167,007	613 207,604	19,063	18,597	73	68	65 092	1 848,030	15 317,282	8,288	7,822
24	19	98 744	30 617,402	581 040,597	18,977	18,511	74	69	62 570	1 691,845	13 469,252	7,961	7,495
25	20	98 683	29 141,283	550 423,195	18,888	18,422	75	70	59 919	1 543,012	11 777,407	7,633	7,166
26	21	98 623	27 736,803	521 281,913	18,794	18,327	76	71	57 141	1 401,406	10 234,395	7,303	6,837
27	22	98 563	26 399,879	493 545,109	18,695	18,229	77	72	54 242	1 266,945	8 832,989	6,972	6,505
28	23	98 502	25 127,218	467 145,230	18,591	18,125	78	73	51 280	1 140,724	7 566,044	6,633	6,166
29	24	98 440	23 915,703	442 018,012	18,482	18,016	79	74	48 167	1 020,450	6 425,321	6,297	5,830
30	25	98 376	22 761,884	418 102,309	18,369	17,902	80	75	44 951	906,971	5 404,871	5,959	5,493
31	26	98 304	21 662,324	395 340,425	18,250	17,784	81	76	41 589	799,186	4 497,899	5,628	5,162
32	27	98 231	20 615,275	373 678,101	18,126	17,660	82	77	38 138	697,977	3 698,714	5,299	4,833
33	28	98 150	19 617,486	353 062,826	17,997	17,531	83	78	34 642	603,798	3 000,737	4,970	4,503
34	29	98 058	18 665,777	333 445,341	17,864	17,398	84	79	31 037	515,208	2 396,939	4,652	4,186
35	30	97 965	17 760,054	314 779,563	17,724	17,258	85	80	27 386	432,957	1 881,731	4,346	3,880
36	31	97 863	16 896,788	297 019,509	17,578	17,112	86	81	23 728	357,261	1 448,774	4,055	3,589
37	32	97 745	16 072,791	280 122,721	17,428	16,962	87	82	20 158	289,057	1 091,513	3,776	3,310
38	33	97 615	15 287,013	264 049,931	17,273	16,806	88	83	16 732	228,501	802,456	3,512	3,045
39	34	97 482	14 539,173	248 762,918	17,110	16,643	89	84	13 489	175,439	573,955	3,272	2,805
40	35	97 332	13 825,563	234 223,745	16,941	16,475	90	85	10 542	130,587	398,516	3,052	2,585
41	36	97 166	13 144,767	220 398,181	16,767	16,301	91	86	7 975	94,077	267,929	2,848	2,382
42	37	96 979	12 494,703	207 253,414	16,587	16,121	92	87	5 831	65,509	173,852	2,654	2,187
43	38	96 793	11 876,884	194 758,711	16,398	15,932	93	88	4 077	43,620	108,343	2,484	2,017
44	39	96 585	11 287,022	182 881,827	16,203	15,736	94	89	2 729	27,813	64,723	2,327	1,861
45	40	96 355	10 723,925	171 594,805	16,001	15,535	95	90	1 736	16,848	36,910	2,191	1,724
46	41	96 113	10 187,613	160 870,880	15,791	15,324	96	91	1 050	9,704	20,062	2,067	1,601
47	42	95 844	9 675,379	150 683,267	15,574	15,107	97	92	600	5,284	10,358	1,960	1,494
48	43	95 543	9 185,744	141 007,888	15,351	14,884	98	93	325	2,726	5,074	1,862	1,395
49	44	95 207	8 717,553	131 822,144	15,121	14,655	99	94	167	1,330	2,348	1,766	1,300
							100	95	79	0,604	1,019	1,685	1,219

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	8 278,049	123 713,296	14,945	14,478
1							51	45	94 533	7 851,090	115 435,246	14,703	14,237
2							52	46	94 094	7 442,461	107 584,156	14,455	13,989
3							53	47	93 607	7 051,375	100 141,695	14,202	13,735
4							54	48	93 063	6 676,594	93 090,321	13,943	13,476
5							55	49	92 456	6 317,216	86 413,726	13,679	13,213
6	0	99 592	74 316,961	1 490 125,129	20,051	19,585	56	50	91 776	5 972,108	80 096,510	13,412	12,945
7	1	99 295	70 567,023	1 415 808,168	20,063	19,597	57	51	91 026	5 641,276	74 124,401	13,140	12,673
8	2	99 263	67 185,211	1 345 241,145	20,023	19,556	58	52	90 195	5 323,584	68 483,125	12,864	12,398
9	3	99 243	63 972,635	1 278 055,935	19,978	19,512	59	53	89 301	5 019,829	63 159,540	12,582	12,116
10	4	99 225	60 915,354	1 214 083,300	19,931	19,464	60	54	88 306	4 727,500	58 139,711	12,298	11,832
11	5	99 208	58 004,963	1 153 167,946	19,881	19,414	61	55	87 221	4 447,082	53 412,211	12,011	11,544
12	6	99 195	55 235,251	1 095 162,983	19,827	19,361	62	56	86 029	4 177,409	48 965,130	11,721	11,255
13	7	99 179	52 596,503	1 039 927,732	19,772	19,305	63	57	84 730	3 918,429	44 787,721	11,430	10,964
14	8	99 165	50 084,867	987 331,229	19,713	19,247	64	58	83 318	3 669,656	40 869,291	11,137	10,671
15	9	99 145	47 690,544	937 246,362	19,653	19,186	65	59	81 798	3 431,136	37 199,635	10,842	10,375
16	10	99 125	45 410,092	889 555,818	19,589	19,123	66	60	80 169	3 202,670	33 768,499	10,544	10,077
17	11	99 096	43 235,414	844 145,726	19,524	19,058	67	61	78 418	2 983,546	30 565,829	10,245	9,778
18	12	99 062	41 162,440	800 910,312	19,457	18,991	68	62	76 570	2 774,512	27 582,282	9,941	9,475
19	13	99 018	39 184,715	759 747,872	19,389	18,922	69	63	74 607	2 574,641	24 807,770	9,635	9,169
20	14	98 970	37 300,768	720 563,158	19,318	18,851	70	64	72 540	2 384,117	22 233,129	9,326	8,859
21	15	98 920	35 506,607	683 262,389	19,243	18,777	71	65	70 382	2 203,031	19 849,012	9,010	8,543
22	16	98 869	33 798,226	647 755,783	19,165	18,699	72	66	68 077	2 029,407	17 645,982	8,695	8,229
23	17	98 815	32 171,178	613 957,557	19,084	18,618	73	67	65 707	1 865,487	15 616,574	8,371	7,905
24	18	98 760	30 622,372	581 786,379	18,999	18,532	74	68	63 215	1 709,287	13 751,087	8,045	7,579
25	19	98 699	29 146,073	551 164,007	18,910	18,444	75	69	60 619	1 561,036	12 041,800	7,714	7,248
26	20	98 639	27 741,344	522 017,933	18,817	18,351	76	70	57 868	1 419,220	10 480,765	7,385	6,918
27	21	98 580	26 404,363	494 276,589	18,720	18,253	77	71	55 002	1 284,692	9 061,545	7,053	6,587
28	22	98 518	25 131,434	467 872,226	18,617	18,151	78	72	52 058	1 158,034	7 776,852	6,716	6,249
29	23	98 456	23 919,615	442 740,792	18,510	18,043	79	73	48 986	1 037,819	6 618,819	6,378	5,911
30	24	98 392	22 765,623	418 821,177	18,397	17,931	80	74	45 784	923,777	5 581,000	6,042	5,575
31	25	98 324	21 666,536	396 055,553	18,280	17,813	81	75	42 443	815,595	4 657,223	5,710	5,244
32	26	98 248	20 618,950	374 389,017	18,158	17,691	82	76	39 002	713,786	3 841,628	5,382	4,916
33	27	98 171	19 621,601	353 770,067	18,030	17,563	83	77	35 492	618,606	3 127,841	5,056	4,590
34	28	98 081	18 670,221	334 148,466	17,897	17,431	84	78	31 905	529,618	2 509,235	4,738	4,271
35	29	97 989	17 764,438	315 478,245	17,759	17,293	85	79	28 257	446,720	1 979,617	4,431	3,965
36	30	97 891	16 901,567	297 713,807	17,615	17,148	86	80	24 595	370,319	1 532,897	4,139	3,673
37	31	97 777	16 077,968	280 812,240	17,466	16,999	87	81	21 007	301,231	1 162,579	3,859	3,393
38	32	97 648	15 292,150	264 734,272	17,312	16,845	88	82	17 557	239,771	861,347	3,592	3,126
39	33	97 516	14 544,267	249 442,123	17,151	16,684	89	83	14 277	185,688	621,576	3,347	2,881
40	34	97 369	13 830,844	234 897,855	16,984	16,517	90	84	11 261	139,484	435,888	3,125	2,659
41	35	97 211	13 150,908	221 067,012	16,810	16,344	91	85	8 609	101,561	296,404	2,918	2,452
42	36	97 025	12 500,664	207 916,104	16,632	16,166	92	86	6 374	71,616	194,843	2,721	2,254
43	37	96 842	11 882,884	195 415,440	16,445	15,979	93	87	4 525	48,418	123,226	2,545	2,079
44	38	96 638	11 293,280	183 532,556	16,251	15,785	94	88	3 078	31,367	74,808	2,385	1,919
45	39	96 417	10 730,907	172 239,276	16,051	15,584	95	89	1 993	19,339	43,441	2,246	1,780
46	40	96 173	10 194,068	161 508,369	15,843	15,377	96	90	1 231	11,378	24,102	2,118	1,652
47	41	95 914	9 682,475	151 314,301	15,628	15,161	97	91	720	6,335	12,724	2,009	1,542
48	42	95 621	9 193,162	141 631,826	15,406	14,940	98	92	400	3,357	6,389	1,903	1,437
49	43	95 293	8 725,369	132 438,664	15,179	14,712	99	93	211	1,682	3,032	1,803	1,336
							100	94	103	0,784	1,350	1,722	1,255

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	8 285,471	124 270,902	14,999	14,532
1							51	44	94 623	7 858,523	115 985,432	14,759	14,293
2							52	45	94 195	7 450,475	108 126,909	14,513	14,046
3							53	46	93 718	7 059,735	100 676,433	14,261	13,794
4							54	47	93 184	6 685,281	93 616,699	14,003	13,537
5							55	48	92 597	6 326,815	86 931,418	13,740	13,274
6							56	49	91 931	5 982,183	80 604,603	13,474	13,008
7	0	99 583	70 771,685	1 416 770,261	20,019	19,552	57	50	91 195	5 651,698	74 622,420	13,204	12,737
8	1	99 285	67 200,157	1 345 998,575	20,030	19,563	58	51	90 383	5 334,662	68 970,722	12,929	12,462
9	2	99 256	63 981,042	1 278 798,419	19,987	19,521	59	52	89 499	5 030,920	63 636,060	12,649	12,183
10	3	99 235	60 921,428	1 214 817,377	19,941	19,474	60	53	88 525	4 739,246	58 605,141	12,366	11,900
11	4	99 217	58 010,303	1 153 895,949	19,891	19,425	61	54	87 462	4 459,364	53 865,894	12,079	11,613
12	5	99 201	55 239,004	1 095 885,646	19,839	19,373	62	55	86 297	4 190,452	49 406,530	11,790	11,324
13	6	99 186	52 600,344	1 040 646,642	19,784	19,318	63	56	85 018	3 931,725	45 216,079	11,500	11,034
14	7	99 169	50 087,253	988 046,298	19,727	19,260	64	57	83 632	3 683,492	41 284,354	11,208	10,742
15	8	99 152	47 693,981	937 959,045	19,666	19,200	65	58	82 141	3 445,516	37 600,862	10,913	10,447
16	9	99 130	45 412,506	890 265,064	19,604	19,138	66	59	80 542	3 217,582	34 155,346	10,615	10,149
17	10	99 102	43 237,818	844 852,558	19,540	19,073	67	60	78 822	2 998,921	30 937,764	10,316	9,850
18	11	99 070	41 165,605	801 614,740	19,473	19,007	68	61	77 000	2 790,098	27 938,842	10,014	9,547
19	12	99 024	39 187,191	760 449,135	19,406	18,939	69	62	75 066	2 590,500	25 148,744	9,708	9,242
20	13	98 978	37 303,717	721 261,944	19,335	18,868	70	63	73 034	2 400,344	22 558,244	9,398	8,932
21	14	98 929	35 509,882	683 958,227	19,261	18,795	71	64	70 907	2 219,474	20 157,901	9,082	8,616
22	15	98 880	33 802,139	648 448,345	19,184	18,717	72	65	68 627	2 045,802	17 938,626	8,768	8,302
23	16	98 827	32 175,292	614 646,206	19,103	18,637	73	66	66 287	1 881,969	15 892,625	8,445	7,978
24	17	98 773	30 626,343	582 470,914	19,019	18,552	74	67	63 813	1 725,433	14 010,656	8,120	7,654
25	18	98 715	29 150,805	551 844,571	18,931	18,464	75	68	61 244	1 577,129	12 285,222	7,790	7,323
26	19	98 655	27 745,905	522 693,766	18,839	18,372	76	69	58 544	1 435,798	10 708,094	7,458	6,992
27	20	98 596	26 408,685	494 947,861	18,742	18,275	77	70	55 701	1 301,023	9 272,296	7,127	6,661
28	21	98 535	25 135,702	468 539,176	18,640	18,174	78	71	52 787	1 174,255	7 971,273	6,788	6,322
29	22	98 473	23 923,629	443 403,474	18,534	18,068	79	72	49 730	1 053,568	6 797,018	6,451	5,985
30	23	98 408	22 769,347	419 479,845	18,423	17,957	80	73	46 563	939,500	5 743,450	6,113	5,647
31	24	98 340	21 670,096	396 710,497	18,307	17,840	81	74	43 230	830,708	4 803,950	5,783	5,317
32	25	98 267	20 622,960	375 040,401	18,186	17,719	82	75	39 803	728,443	3 973,242	5,454	4,988
33	26	98 188	19 625,099	354 417,442	18,059	17,593	83	76	36 296	632,618	3 244,799	5,129	4,663
34	27	98 102	18 674,138	334 792,342	17,928	17,462	84	77	32 688	542,607	2 612,181	4,814	4,348
35	28	98 012	17 768,667	316 118,205	17,791	17,324	85	78	29 047	459,214	2 069,575	4,507	4,040
36	29	97 915	16 905,739	298 349,538	17,648	17,181	86	79	25 377	382,090	1 610,361	4,215	3,748
37	30	97 804	16 082,516	281 443,799	17,500	17,034	87	80	21 775	312,242	1 228,270	3,934	3,467
38	31	97 679	15 297,075	265 361,283	17,347	16,881	88	81	18 297	249,869	916,029	3,666	3,200
39	32	97 548	14 549,154	250 064,208	17,188	16,721	89	82	14 981	194,847	666,159	3,419	2,952
40	33	97 403	13 835,689	235 515,054	17,022	16,556	90	83	11 918	147,633	471,313	3,192	2,726
41	34	97 248	13 155,931	221 679,364	16,850	16,384	91	84	9 196	108,481	323,680	2,984	2,517
42	35	97 070	12 506,504	208 523,434	16,673	16,207	92	85	6 881	77,314	215,199	2,783	2,317
43	36	96 888	11 888,553	196 016,930	16,488	16,021	93	86	4 947	52,932	137,885	2,605	2,139
44	37	96 687	11 298,985	184 128,377	16,296	15,830	94	87	3 417	34,817	84,953	2,440	1,974
45	38	96 471	10 736,856	172 829,392	16,097	15,630	95	88	2 247	21,811	50,136	2,299	1,832
46	39	96 236	10 200,705	162 092,535	15,890	15,424	96	89	1 413	13,060	28,325	2,169	1,702
47	40	95 975	9 688,610	151 891,831	15,677	15,211	97	90	844	7,428	15,265	2,055	1,589
48	41	95 691	9 199,905	142 203,221	15,457	14,991	98	91	480	4,024	7,837	1,947	1,481
49	42	95 370	8 732,414	133 003,316	15,231	14,765	99	92	259	2,071	3,813	1,841	1,374
							100	93	130	0,992	1,742	1,755	1,289

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	8 292,161	124 781,305	15,048	14,582
1							51	43	94 707	7 865,568	116 489,144	14,810	14,344
2							52	44	94 284	7 457,529	108 623,576	14,566	14,099
3							53	45	93 819	7 067,337	101 166,047	14,315	13,848
4							54	46	93 295	6 693,207	94 098,710	14,059	13,592
5							55	47	92 717	6 335,046	87 405,503	13,797	13,331
6							56	48	92 070	5 991,272	81 070,457	13,531	13,065
7							57	49	91 348	5 661,231	75 079,185	13,262	12,796
8	0	99 573	67 395,055	1 346 887,325	19,985	19,519	58	50	90 550	5 344,517	69 417,953	12,989	12,522
9	1	99 278	63 995,275	1 279 492,271	19,994	19,527	59	51	89 685	5 041,388	64 073,437	12,709	12,243
10	2	99 248	60 929,434	1 215 496,995	19,949	19,483	60	52	88 721	4 749,717	59 032,049	12,429	11,962
11	3	99 227	58 016,087	1 154 567,561	19,901	19,434	61	53	87 679	4 470,444	54 282,332	12,142	11,676
12	4	99 210	55 244,089	1 096 551,474	19,849	19,383	62	54	86 536	4 202,025	49 811,887	11,854	11,388
13	5	99 193	52 603,918	1 041 307,384	19,795	19,329	63	55	85 283	3 944,000	45 609,862	11,564	11,098
14	6	99 177	50 090,910	988 703,467	19,738	19,272	64	56	83 916	3 695,991	41 665,863	11,273	10,807
15	7	99 157	47 696,252	938 612,556	19,679	19,213	65	57	82 450	3 458,507	37 969,872	10,979	10,512
16	8	99 137	45 415,779	890 916,304	19,617	19,150	66	58	80 880	3 231,067	34 511,364	10,681	10,215
17	9	99 107	43 240,116	845 500,525	19,554	19,087	67	59	79 189	3 012,884	31 280,297	10,382	9,916
18	10	99 075	41 167,894	802 260,409	19,488	19,021	68	60	77 397	2 804,476	28 267,413	10,079	9,613
19	11	99 032	39 190,205	761 092,515	19,420	18,954	69	61	75 488	2 605,052	25 462,937	9,774	9,308
20	12	98 984	37 306,074	721 902,310	19,351	18,884	70	62	73 484	2 415,129	22 857,884	9,464	8,998
21	13	98 937	35 512,689	684 596,235	19,278	18,811	71	63	71 390	2 234,580	20 442,756	9,148	8,682
22	14	98 889	33 805,257	649 083,546	19,201	18,734	72	64	69 139	2 061,072	18 208,175	8,834	8,368
23	15	98 839	32 179,017	615 278,289	19,120	18,654	73	65	66 823	1 897,172	16 147,103	8,511	8,045
24	16	98 786	30 630,259	583 099,271	19,037	18,570	74	66	64 376	1 740,678	14 249,931	8,186	7,720
25	17	98 728	29 154,585	552 469,013	18,950	18,483	75	67	61 823	1 592,027	12 509,253	7,857	7,391
26	18	98 671	27 750,409	523 314,428	18,858	18,391	76	68	59 147	1 450,600	10 917,226	7,526	7,060
27	19	98 612	26 413,027	495 564,018	18,762	18,296	77	69	56 351	1 316,220	9 466,627	7,192	6,726
28	20	98 551	25 139,817	469 150,992	18,662	18,195	78	70	53 458	1 189,182	8 150,407	6,854	6,387
29	21	98 490	23 927,692	444 011,174	18,556	18,090	79	71	50 426	1 068,326	6 961,225	6,516	6,050
30	22	98 424	22 773,168	420 083,482	18,446	17,980	80	72	47 270	953,757	5 892,899	6,179	5,712
31	23	98 356	21 673,641	397 310,314	18,331	17,865	81	73	43 965	844,847	4 939,142	5,846	5,380
32	24	98 283	20 626,348	375 636,673	18,211	17,745	82	74	40 541	741,940	4 094,295	5,518	5,052
33	25	98 207	19 628,915	355 010,325	18,086	17,620	83	75	37 041	645,608	3 352,355	5,193	4,726
34	26	98 119	18 677,467	335 381,410	17,956	17,490	84	76	33 428	554,897	2 706,747	4,878	4,412
35	27	98 033	17 772,394	316 703,944	17,820	17,354	85	77	29 760	470,477	2 151,850	4,574	4,107
36	28	97 938	16 909,763	298 931,549	17,678	17,212	86	78	26 087	392,777	1 681,374	4,281	3,814
37	29	97 828	16 086,485	282 021,786	17,532	17,065	87	79	22 467	322,167	1 288,597	4,000	3,533
38	30	97 707	15 301,402	265 935,300	17,380	16,913	88	80	18 965	259,002	966,430	3,731	3,265
39	31	97 580	14 553,841	250 633,898	17,221	16,755	89	81	15 612	203,053	707,428	3,484	3,018
40	32	97 436	13 840,339	236 080,057	17,057	16,591	90	82	12 506	154,915	504,375	3,256	2,789
41	33	97 283	13 160,540	222 239,719	16,887	16,420	91	83	9 733	114,818	349,460	3,044	2,577
42	34	97 107	12 511,281	209 079,179	16,711	16,245	92	84	7 350	82,581	234,642	2,841	2,375
43	35	96 933	11 894,107	196 567,899	16,526	16,060	93	85	5 340	57,143	152,060	2,661	2,195
44	36	96 733	11 304,376	184 673,792	16,336	15,870	94	86	3 735	38,063	94,917	2,494	2,027
45	37	96 519	10 742,281	173 369,416	16,139	15,673	95	87	2 494	24,210	56,854	2,348	1,882
46	38	96 289	10 206,360	162 627,135	15,934	15,467	96	88	1 593	14,729	32,644	2,216	1,750
47	39	96 038	9 694,918	152 420,775	15,722	15,255	97	89	968	8,526	17,915	2,101	1,635
48	40	95 751	9 205,733	142 725,858	15,504	15,038	98	90	563	4,719	9,390	1,990	1,523
49	41	95 440	8 738,819	133 520,125	15,279	14,813	99	91	311	2,484	4,671	1,881	1,414
							100	92	161	1,222	2,187	1,790	1,324

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	8 298,243	125 248,245	15,093	14,627
1							51	42	94 784	7 871,919	116 950,002	14,857	14,390
2							52	43	94 369	7 464,215	109 078,082	14,613	14,147
3							53	44	93 907	7 074,028	101 613,868	14,364	13,898
4							54	45	93 395	6 700,414	94 539,840	14,110	13,643
5							55	46	92 827	6 342,557	87 839,425	13,849	13,383
6							56	47	92 190	5 999,067	81 496,868	13,585	13,119
7							57	48	91 487	5 669,833	75 497,801	13,316	12,849
8							58	49	90 703	5 353,532	69 827,968	13,043	12,577
9	0	99 566	64 180,878	1 280 313,289	19,949	19,482	59	50	89 850	5 050,701	64 474,435	12,765	12,299
10	1	99 270	60 942,989	1 216 132,411	19,955	19,489	60	51	88 905	4 759,600	59 423,734	12,485	12,019
11	2	99 240	58 023,712	1 155 189,422	19,909	19,443	61	52	87 873	4 480,321	54 664,134	12,201	11,735
12	3	99 220	55 249,598	1 097 165,710	19,858	19,392	62	53	86 751	4 212,466	50 838,813	11,913	11,447
13	4	99 202	52 608,761	1 041 916,113	19,805	19,339	63	54	85 519	3 954,893	45 971,347	11,624	11,158
14	5	99 183	50 094,314	989 307,352	19,749	19,282	64	55	84 178	3 707,530	42 016,455	11,333	10,866
15	6	99 164	47 699,735	939 213,038	19,690	19,224	65	56	82 730	3 470,242	38 308,925	11,039	10,573
16	7	99 142	45 417,942	891 513,303	19,629	19,163	66	57	81 185	3 243,250	34 838,682	10,742	10,276
17	8	99 114	43 243,232	846 095,360	19,566	19,100	67	58	79 521	3 025,511	31 595,433	10,443	9,977
18	9	99 081	41 170,082	802 852,128	19,501	19,034	68	59	77 757	2 817,534	28 569,921	10,140	9,674
19	10	99 037	39 192,384	761 682,046	19,434	18,968	69	60	75 877	2 618,477	25 752,387	9,835	9,368
20	11	98 992	37 308,944	722 489,662	19,365	18,899	70	61	73 897	2 428,696	23 133,910	9,525	9,059
21	12	98 943	35 514,934	685 180,718	19,293	18,826	71	62	71 830	2 248,345	20 705,214	9,209	8,743
22	13	98 897	33 807,930	649 665,785	19,216	18,750	72	63	69 610	2 075,100	18 456,870	8,894	8,428
23	14	98 848	32 181,986	615 857,855	19,137	18,670	73	64	67 322	1 911,333	16 381,770	8,571	8,104
24	15	98 797	30 633,805	583 675,869	19,053	18,587	74	65	64 896	1 754,740	14 470,437	8,246	7,780
25	16	98 740	29 158,313	553 042,064	18,967	18,500	75	66	62 369	1 606,093	12 715,697	7,917	7,451
26	17	98 684	27 754,008	523 883,751	18,876	18,410	76	67	59 706	1 464,303	11 109,605	7,587	7,121
27	18	98 628	26 417,315	496 129,744	18,780	18,314	77	68	56 932	1 329,789	9 645,302	7,253	6,787
28	19	98 568	25 143,950	469 712,429	18,681	18,215	78	69	54 083	1 203,073	8 315,513	6,912	6,445
29	20	98 506	23 931,609	444 568,479	18,577	18,110	79	70	51 067	1 081,906	7 112,440	6,574	6,108
30	21	98 441	22 777,036	420 636,869	18,468	18,001	80	71	47 932	967,117	6 030,534	6,236	5,769
31	22	98 372	21 677,278	397 859,834	18,354	17,887	81	72	44 633	857,668	5 063,417	5,904	5,437
32	23	98 299	20 629,722	376 182,556	18,235	17,769	82	73	41 231	754,569	4 205,750	5,574	5,107
33	24	98 223	19 632,140	355 552,834	18,111	17,644	83	74	37 727	657,570	3 451,181	5,248	4,782
34	25	98 138	18 681,098	335 920,694	17,982	17,515	84	75	34 115	566,291	2 793,611	4,933	4,467
35	26	98 050	17 775,563	317 239,595	17,847	17,381	85	76	30 434	481,133	2 227,320	4,629	4,163
36	27	97 959	16 913,311	299 464,032	17,706	17,239	86	77	26 727	402,410	1 746,187	4,339	3,873
37	28	97 852	16 090,315	282 550,721	17,560	17,094	87	78	23 096	331,177	1 343,777	4,058	3,591
38	29	97 731	15 305,179	266 460,407	17,410	16,943	88	79	19 568	267,235	1 012,600	3,789	3,323
39	30	97 607	14 557,958	251 155,228	17,252	16,786	89	80	16 183	210,475	745,364	3,541	3,075
40	31	97 467	13 844,797	236 597,270	17,089	16,623	90	81	13 033	161,439	534,890	3,313	2,847
41	32	97 315	13 164,962	222 752,474	16,920	16,454	91	82	10 213	120,481	373,451	3,100	2,633
42	33	97 141	12 515,664	209 587,512	16,746	16,280	92	83	7 780	87,406	252,969	2,894	2,428
43	34	96 970	11 898,650	197 071,848	16,563	16,096	93	84	5 704	61,036	165,563	2,713	2,246
44	35	96 778	11 309,657	185 173,198	16,373	15,907	94	85	4 032	41,091	104,527	2,544	2,077
45	36	96 566	10 747,406	173 863,542	16,177	15,711	95	86	2 727	26,467	63,436	2,397	1,930
46	37	96 338	10 211,516	163 116,136	15,974	15,507	96	87	1 769	16,349	36,969	2,261	1,795
47	38	96 091	9 700,293	152 904,620	15,763	15,296	97	88	1 092	9,615	20,620	2,144	1,678
48	39	95 814	9 211,727	143 204,327	15,546	15,079	98	89	646	5,416	11,005	2,032	1,565
49	40	95 500	8 744,356	133 992,601	15,323	14,857	99	90	365	2,912	5,588	1,919	1,453
							100	91	193	1,465	2,676	1,827	1,361

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	40	95 220	8 303,500	125 674,953	15,135	14,669
							51	41	94 853	7 877,693	117 371,453	14,899	14,433
							52	42	94 445	7 470,242	109 493,759	14,657	14,191
							53	43	93 992	7 080,370	102 023,517	14,409	13,943
							54	44	93 483	6 706,758	94 943,148	14,156	13,690
							55	45	92 927	6 349,387	88 236,390	13,897	13,430
							56	46	92 299	6 006,180	81 887,003	13,634	13,167
							57	47	91 606	5 677,210	75 880,823	13,366	12,899
							58	48	90 840	5 361,667	70 203,613	13,094	12,627
							59	49	90 002	5 059,221	64 841,946	12,817	12,350
10	0	99 558	61 119,739	1 216 890,923	19,910	19,444	60	50	89 070	4 768,393	59 782,725	12,537	12,071
11	1	99 262	58 036,620	1 155 771,184	19,915	19,448	61	51	88 056	4 489,644	55 014,333	12,254	11,787
12	2	99 233	55 256,859	1 097 734,564	19,866	19,400	62	52	86 942	4 221,773	50 524,689	11,968	11,501
13	3	99 212	52 614,006	1 042 477,705	19,814	19,347	63	53	85 731	3 964,719	46 302,917	11,679	11,212
14	4	99 192	50 098,926	989 863,699	19,758	19,292	64	54	84 411	3 717,770	42 338,197	11,388	10,922
15	5	99 171	47 702,976	939 764,773	19,700	19,234	65	55	82 989	3 481,077	38 620,427	11,094	10,628
16	6	99 149	45 421,259	892 061,797	19,640	19,173	66	56	81 460	3 254,254	35 139,351	10,798	10,332
17	7	99 119	43 245,292	846 640,538	19,578	19,111	67	57	79 821	3 036,919	31 885,096	10,499	10,033
18	8	99 088	41 173,050	803 395,246	19,513	19,046	68	58	78 083	2 829,342	28 848,177	10,196	9,730
19	9	99 042	39 194,467	762 222,197	19,447	18,981	69	59	76 230	2 630,669	26 018,835	9,891	9,424
20	10	98 997	37 311,018	723 027,730	19,378	18,912	70	60	74 277	2 441,212	23 388,166	9,581	9,114
21	11	98 951	35 517,665	685 716,712	19,306	18,840	71	61	72 233	2 260,975	20 946,955	9,265	8,798
22	12	98 903	33 810,066	650 199,047	19,231	18,765	72	62	70 038	2 087,882	18 685,980	8,950	8,483
23	13	98 856	32 184,530	616 388,980	19,152	18,685	73	63	67 780	1 924,342	16 598,098	8,625	8,159
24	14	98 806	30 636,632	584 204,450	19,069	18,602	74	64	65 381	1 767,837	14 673,756	8,300	7,834
25	15	98 752	29 161,689	553 567,819	18,983	18,516	75	65	62 873	1 619,067	12 905,919	7,971	7,505
26	16	98 697	27 757,556	524 406,130	18,892	18,426	76	66	60 233	1 477,240	11 286,852	7,640	7,174
27	17	98 641	26 420,740	496 648,574	18,798	18,331	77	67	57 470	1 342,351	9 809,612	7,308	6,841
28	18	98 584	25 148,032	470 227,834	18,698	18,232	78	68	54 640	1 215,475	8 467,261	6,966	6,500
29	19	98 522	23 935,543	445 079,801	18,595	18,129	79	69	51 664	1 094,544	7 251,785	6,625	6,159
30	20	98 457	22 780,765	421 144,258	18,487	18,020	80	70	48 541	979,410	6 157,242	6,287	5,820
31	21	98 389	21 680,959	398 363,494	18,374	17,907	81	71	45 258	869,682	5 177,831	5,954	5,487
32	22	98 316	20 633,184	376 682,534	18,256	17,790	82	72	41 856	766,019	4 308,150	5,624	5,158
33	23	98 239	19 635,352	356 049,351	18,133	17,667	83	73	38 369	668,763	3 542,131	5,297	4,830
34	24	98 154	18 684,168	336 413,999	18,005	17,539	84	74	34 747	576,784	2 873,368	4,982	4,515
35	25	98 069	17 779,019	317 729,831	17,871	17,405	85	75	31 059	491,012	2 296,584	4,677	4,211
36	26	97 976	16 916,326	299 950,812	17,731	17,265	86	76	27 332	411,525	1 805,572	4,388	3,921
37	27	97 872	16 093,690	283 034,486	17,587	17,120	87	77	23 662	339,300	1 394,047	4,109	3,642
38	28	97 754	15 308,822	266 940,796	17,437	16,971	88	78	20 116	274,709	1 054,748	3,840	3,373
39	29	97 632	14 561,551	251 631,973	17,281	16,814	89	79	16 697	217,165	780,038	3,592	3,126
40	30	97 495	13 848,713	237 070,422	17,119	16,652	90	80	13 509	167,340	562,873	3,364	2,897
41	31	97 347	13 169,203	223 221,710	16,950	16,484	91	81	10 643	125,556	395,533	3,150	2,684
42	32	97 174	12 519,869	210 052,507	16,778	16,311	92	82	8 163	91,717	269,978	2,944	2,477
43	33	97 004	11 902,818	197 532,638	16,595	16,129	93	83	6 037	64,602	178,261	2,759	2,293
44	34	96 815	11 313,976	185 629,819	16,407	15,941	94	84	4 307	43,891	113,659	2,590	2,123
45	35	96 611	10 752,426	174 315,843	16,212	15,745	95	85	2 944	28,572	69,767	2,442	1,975
46	36	96 384	10 216,388	163 563,417	16,010	15,544	96	86	1 934	17,873	41,195	2,305	1,838
47	37	96 139	9 705,193	153 347,029	15,801	15,334	97	87	1 212	10,673	23,322	2,185	1,719
48	38	95 867	9 216,834	143 641,836	15,585	15,118	98	88	729	6,108	12,649	2,071	1,604
49	39	95 562	8 750,049	134 425,002	15,363	14,896	99	89	419	3,343	6,541	1,957	1,490
							100	90	226	1,717	3,198	1,862	1,396

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	39	95 282	8 308,907	126 065,360	15,172	14,706
							51	40	94 914	7 882,684	117 756,454	14,939	14,472
							52	41	94 514	7 475,721	109 873,770	14,697	14,231
							53	42	94 067	7 086,087	102 398,048	14,451	13,984
							54	43	93 567	6 712,771	95 311,962	14,199	13,732
							55	44	93 015	6 355,398	88 599,191	13,941	13,474
							56	45	92 399	6 012,647	82 243,793	13,678	13,212
							57	46	91 715	5 683,941	76 231,145	13,412	12,945
							58	47	90 959	5 368,642	70 547,204	13,141	12,674
							59	48	90 139	5 066,908	65 178,562	12,864	12,397
							60	49	89 220	4 776,436	60 111,654	12,585	12,119
11	0	99 550	58 204,941	1 156 472,043	19,869	19,403	61	50	88 219	4 497,937	55 335,217	12,302	11,836
12	1	99 255	55 269,151	1 098 267,102	19,871	19,405	62	51	87 123	4 230,557	50 837,280	12,017	11,550
13	2	99 225	52 620,921	1 042 997,951	19,821	19,355	63	52	85 920	3 973,479	46 606,723	11,729	11,263
14	3	99 202	50 103,921	990 377,030	19,766	19,300	64	53	84 620	3 727,007	42 633,244	11,439	10,973
15	4	99 180	47 707,368	940 273,109	19,709	19,243	65	54	83 218	3 490,691	38 906,237	11,146	10,679
16	5	99 156	45 424,345	892 565,741	19,650	19,183	66	55	81 714	3 264,414	35 415,546	10,849	10,383
17	6	99 126	43 248,450	847 141,396	19,588	19,121	67	56	80 092	3 047,223	32 151,131	10,551	10,085
18	7	99 093	41 175,011	803 892,946	19,524	19,057	68	57	78 378	2 840,010	29 103,908	10,248	9,781
19	8	99 050	39 197,292	762 717,936	19,458	18,992	69	58	76 550	2 641,694	26 263,897	9,942	9,476
20	9	99 003	37 313,001	723 520,644	19,391	18,924	70	59	74 623	2 452,578	23 622,203	9,632	9,165
21	10	98 956	35 519,640	686 207,643	19,319	18,853	71	60	72 605	2 272,626	21 169,626	9,315	8,849
22	11	98 911	33 812,667	650 688,003	19,244	18,778	72	61	70 432	2 099,611	18 896,999	9,000	8,534
23	12	98 862	32 186,564	616 875,336	19,166	18,699	73	62	68 197	1 936,195	16 797,389	8,675	8,209
24	13	98 814	30 639,053	584 688,772	19,083	18,617	74	63	65 826	1 779,870	14 861,194	8,350	7,883
25	14	98 761	29 164,379	554 049,719	18,997	18,531	75	64	63 342	1 631,152	13 081,324	8,020	7,553
26	15	98 708	27 760,770	524 885,340	18,907	18,441	76	65	60 720	1 489,174	11 450,172	7,689	7,223
27	16	98 653	26 424,118	497 124,570	18,813	18,347	77	66	57 978	1 354,211	9 960,998	7,356	6,889
28	17	98 596	25 151,293	470 700,452	18,715	18,248	78	67	55 156	1 226,957	8 606,788	7,015	6,548
29	18	98 538	23 939,429	445 549,158	18,612	18,145	79	68	52 197	1 105,828	7 379,830	6,674	6,207
30	19	98 473	22 784,510	421 609,729	18,504	18,038	80	69	49 108	990,851	6 274,003	6,332	5,866
31	20	98 405	21 684,509	398 825,220	18,392	17,926	81	70	45 833	880,737	5 283,152	5,999	5,532
32	21	98 333	20 636,688	377 140,711	18,275	17,809	82	71	42 443	776,749	4 402,415	5,668	5,201
33	22	98 256	19 638,647	356 504,023	18,153	17,687	83	72	38 952	678,911	3 625,666	5,340	4,874
34	23	98 170	18 687,224	336 865,377	18,027	17,560	84	73	35 338	586,601	2 946,755	5,023	4,557
35	24	98 085	17 781,940	318 178,152	17,893	17,427	85	74	31 634	500,110	2 360,154	4,719	4,253
36	25	97 995	16 919,616	300 396,212	17,754	17,288	86	75	27 893	419,974	1 860,043	4,429	3,963
37	26	97 890	16 096,559	283 476,597	17,611	17,145	87	76	24 198	346,985	1 440,069	4,150	3,684
38	27	97 775	15 312,034	267 380,037	17,462	16,996	88	77	20 609	281,447	1 093,084	3,884	3,417
39	28	97 655	14 565,017	252 068,003	17,306	16,840	89	78	17 164	223,239	811,637	3,636	3,169
40	29	97 519	13 852,131	237 502,986	17,146	16,679	90	79	13 939	172,659	588,398	3,408	2,941
41	30	97 374	13 172,928	223 650,855	16,978	16,512	91	80	11 032	130,145	415,739	3,194	2,728
42	31	97 205	12 523,902	210 477,927	16,806	16,340	92	81	8 507	95,580	285,594	2,988	2,522
43	32	97 037	11 906,818	197 954,025	16,625	16,159	93	82	6 335	67,788	190,015	2,803	2,337
44	33	96 849	11 317,940	186 047,207	16,438	15,972	94	83	4 559	46,455	122,226	2,631	2,165
45	34	96 648	10 756,533	174 729,267	16,244	15,778	95	84	3 145	30,519	75,771	2,483	2,016
46	35	96 429	10 221,161	163 972,734	16,042	15,576	96	85	2 087	19,295	45,252	2,345	1,879
47	36	96 185	9 709,823	153 751,574	15,835	15,368	97	86	1 325	11,668	25,957	2,225	1,758
48	37	95 915	9 221,490	144 041,750	15,620	15,154	98	87	809	6,780	14,289	2,107	1,641
49	38	95 615	8 754,900	134 820,261	15,399	14,933	99	88	472	3,770	7,508	1,992	1,525
							100	89	259	1,971	3,739	1,897	1,430

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	8 313,513	126 422,131	15,207	14,740
1							51	39	94 975	7 887,816	118 108,618	14,974	14,507
2							52	40	94 574	7 480,457	110 220,802	14,735	14,268
3							53	41	94 136	7 091,284	102 740,344	14,488	14,022
4							54	42	93 643	6 718,191	95 649,060	14,237	13,771
5							55	43	93 099	6 361,096	88 930,868	13,980	13,514
6							56	44	92 486	6 018,340	82 569,773	13,720	13,253
7							57	45	91 814	5 690,061	76 551,433	13,454	12,987
8							58	46	91 066	5 375,007	70 861,371	13,183	12,717
9							59	47	90 256	5 073,500	65 486,364	12,908	12,441
10							60	48	89 356	4 783,694	60 412,863	12,629	12,163
11							61	49	88 368	4 505,525	55 629,170	12,347	11,880
12	0	99 543	55 429,446	1 098 914,802	19,825	19,359	62	50	87 284	4 238,372	51 123,645	12,062	11,596
13	1	99 247	52 632,627	1 043 485,356	19,826	19,359	63	51	86 099	3 981,747	46 885,272	11,775	11,309
14	2	99 215	50 110,506	990 852,729	19,773	19,307	64	52	84 807	3 735,242	42 903,525	11,486	11,020
15	3	99 190	47 712,125	940 742,224	19,717	19,251	65	53	83 425	3 499,365	39 168,284	11,193	10,727
16	4	99 165	45 428,527	893 030,099	19,658	19,192	66	54	81 940	3 273,430	35 668,919	10,896	10,430
17	5	99 133	43 251,388	847 601,572	19,597	19,131	67	55	80 342	3 056,737	32 395,489	10,598	10,132
18	6	99 100	41 178,017	804 350,183	19,533	19,067	68	56	78 644	2 849,647	29 338,752	10,296	9,829
19	7	99 054	39 199,159	763 172,166	19,469	19,003	69	57	76 838	2 651,654	26 489,105	9,990	9,523
20	8	99 010	37 315,690	723 973,007	19,401	18,935	70	58	74 936	2 462,857	23 837,451	9,679	9,212
21	9	98 962	35 521,528	686 657,317	19,331	18,864	71	59	72 943	2 283,208	21 374,594	9,362	8,895
22	10	98 916	33 814,546	651 135,789	19,256	18,790	72	60	70 795	2 110,430	19 091,387	9,046	8,580
23	11	98 869	32 189,039	617 321,242	19,178	18,712	73	61	68 581	1 947,072	16 980,956	8,721	8,255
24	12	98 820	30 640,990	585 132,203	19,096	18,630	74	62	66 231	1 790,833	15 033,884	8,395	7,929
25	13	98 769	29 166,684	554 491,213	19,011	18,545	75	63	63 773	1 642,254	13 243,051	8,064	7,598
26	14	98 717	27 763,331	525 324,529	18,922	18,455	76	64	61 173	1 500,289	11 600,797	7,732	7,266
27	15	98 665	26 427,178	497 561,198	18,828	18,361	77	65	58 446	1 365,151	10 100,508	7,399	6,932
28	16	98 609	25 154,509	471 134,020	18,730	18,263	78	66	55 644	1 237,798	8 735,358	7,057	6,591
29	17	98 551	23 942,533	445 979,511	18,627	18,161	79	67	52 690	1 116,274	7 497,560	6,717	6,250
30	18	98 489	22 788,209	422 036,977	18,520	18,054	80	68	49 614	1 001,066	6 381,286	6,374	5,908
31	19	98 421	21 688,073	399 248,769	18,409	17,942	81	69	46 368	891,025	5 380,221	6,038	5,572
32	20	98 349	20 640,066	377 560,696	18,293	17,826	82	70	42 982	786,623	4 489,196	5,707	5,241
33	21	98 273	19 641,982	356 920,629	18,171	17,705	83	71	39 497	688,421	3 702,573	5,378	4,912
34	22	98 187	18 690,360	337 278,647	18,046	17,579	84	72	35 874	595,503	3 014,152	5,062	4,595
35	23	98 102	17 784,849	318 588,287	17,913	17,447	85	73	32 173	508,623	2 418,649	4,755	4,289
36	24	98 011	16 922,395	300 803,438	17,775	17,309	86	74	28 410	427,756	1 910,027	4,465	3,999
37	25	97 909	16 099,689	283 881,043	17,633	17,166	87	75	24 695	354,110	1 482,271	4,186	3,720
38	26	97 792	15 314,764	267 781,354	17,485	17,019	88	76	21 076	287,822	1 128,161	3,920	3,453
39	27	97 675	14 568,073	252 466,590	17,330	16,864	89	77	17 585	228,714	840,339	3,674	3,208
40	28	97 542	13 855,428	237 898,517	17,170	16,704	90	78	14 329	177,488	611,625	3,446	2,980
41	29	97 398	13 176,179	224 043,089	17,004	16,537	91	79	11 383	134,282	434,137	3,233	2,767
42	30	97 233	12 527,445	210 866,910	16,832	16,366	92	80	8 818	99,073	299,855	3,027	2,560
43	31	97 068	11 910,653	198 339,465	16,652	16,186	93	81	6 602	70,644	200,782	2,842	2,376
44	32	96 882	11 321,743	186 428,812	16,466	16,000	94	82	4 783	48,747	130,139	2,670	2,203
45	33	96 681	10 760,302	175 107,069	16,273	15,807	95	83	3 328	32,302	81,392	2,520	2,053
46	34	96 466	10 225,065	164 346,767	16,073	15,607	96	84	2 230	20,610	49,090	2,382	1,915
47	35	96 230	9 714,359	154 121,703	15,865	15,399	97	85	1 431	12,596	28,480	2,261	1,795
48	36	95 961	9 225,889	144 407,343	15,652	15,186	98	86	884	7,412	15,884	2,143	1,676
49	37	95 663	8 759,323	135 181,454	15,433	14,966	99	87	524	4,184	8,472	2,025	1,558
							100	88	292	2,223	4,287	1,928	1,462

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	37	95 383	8 317,713	126 748,066	15,238	14,772
1							51	38	95 028	7 892,189	118 430,353	15,006	14,540
2							52	39	94 636	7 485,328	110 538,164	14,767	14,301
3							53	40	94 196	7 095,777	103 052,836	14,523	14,057
4							54	41	93 712	6 723,119	95 957,059	14,273	13,806
5							55	42	93 174	6 366,233	89 233,940	14,017	13,550
6							56	43	92 569	6 023,735	82 867,708	13,757	13,290
7							57	44	91 901	5 695,448	76 843,972	13,492	13,026
8							58	45	91 165	5 380,795	71 148,524	13,223	12,756
9							59	46	90 363	5 079,516	65 767,729	12,948	12,481
10							60	47	89 472	4 789,918	60 688,213	12,670	12,204
11							61	48	88 502	4 512,371	55 898,295	12,388	11,921
12							62	49	87 431	4 245,522	51 385,925	12,104	11,637
13	0	99 535	52 785,275	1 044 084,040	19,780	19,313	63	50	86 258	3 989,102	47 140,402	11,817	11,351
14	1	99 237	50 121,653	991 298,765	19,778	19,311	64	51	84 984	3 743,014	43 151,300	11,528	11,062
15	2	99 203	47 718,395	941 177,112	19,724	19,257	65	52	83 609	3 507,096	39 408,286	11,237	10,770
16	3	99 175	45 433,057	893 458,717	19,665	19,199	66	53	82 144	3 281,564	35 901,191	10,940	10,474
17	4	99 142	43 255,370	848 025,660	19,605	19,139	67	54	80 564	3 065,180	32 619,627	10,642	10,176
18	5	99 107	41 180,815	804 770,290	19,542	19,076	68	55	78 889	2 858,544	29 554,447	10,339	9,873
19	6	99 062	39 202,021	763 589,475	19,478	19,012	69	56	77 099	2 660,651	26 695,904	10,034	9,567
20	7	99 014	37 317,468	724 387,453	19,411	18,945	70	57	75 218	2 472,143	24 035,252	9,722	9,256
21	8	98 969	35 524,088	687 069,986	19,341	18,875	71	58	73 249	2 292,777	21 563,109	9,405	8,938
22	9	98 922	33 816,344	651 545,897	19,267	18,801	72	59	71 124	2 120,257	19 270,332	9,089	8,622
23	10	98 875	32 190,829	617 729,554	19,190	18,723	73	60	68 934	1 957,106	17 150,076	8,763	8,297
24	11	98 828	30 643,346	585 538,725	19,108	18,642	74	61	66 603	1 800,893	15 192,970	8,436	7,970
25	12	98 775	29 168,528	554 895,378	19,024	18,557	75	62	64 166	1 652,370	13 392,077	8,105	7,638
26	13	98 725	27 765,526	525 726,851	18,935	18,468	76	63	61 590	1 510,500	11 739,708	7,772	7,306
27	14	98 674	26 429,616	497 961,325	18,841	18,375	77	64	58 882	1 375,340	10 229,207	7,438	6,971
28	15	98 620	25 157,421	471 531,709	18,743	18,277	78	65	56 093	1 247,797	8 853,867	7,096	6,629
29	16	98 563	23 945,595	446 374,287	18,641	18,175	79	66	53 155	1 126,136	7 606,070	6,754	6,288
30	17	98 502	22 791,164	422 428,693	18,535	18,068	80	67	50 083	1 010,522	6 479,934	6,412	5,946
31	18	98 437	21 691,594	399 637,529	18,424	17,957	81	68	46 847	900,210	5 469,412	6,076	5,609
32	19	98 365	20 643,459	377 945,935	18,308	17,842	82	69	43 484	795,811	4 569,201	5,742	5,275
33	20	98 289	19 645,197	357 302,475	18,188	17,721	83	70	39 999	697,172	3 773,390	5,412	4,946
34	21	98 204	18 693,534	337 657,278	18,063	17,596	84	71	36 377	603,844	3 076,218	5,094	4,628
35	22	98 118	17 787,834	318 963,744	17,932	17,465	85	72	32 661	516,341	2 472,374	4,788	4,322
36	23	98 027	16 925,164	301 175,910	17,795	17,328	86	73	28 894	435,037	1 956,033	4,496	4,030
37	24	97 925	16 102,334	284 250,747	17,653	17,186	87	74	25 152	360,671	1 520,996	4,217	3,751
38	25	97 811	15 317,742	268 148,412	17,506	17,039	88	75	21 508	293,732	1 160,325	3,950	3,484
39	26	97 693	14 570,670	252 830,671	17,352	16,886	89	76	17 983	233,895	866,593	3,705	3,239
40	27	97 563	13 858,335	238 260,001	17,193	16,726	90	77	14 680	181,841	632,698	3,479	3,013
41	28	97 421	13 179,316	224 401,666	17,027	16,560	91	78	11 701	138,037	450,857	3,266	2,800
42	29	97 257	12 530,537	211 222,350	16,857	16,390	92	79	9 098	102,222	312,820	3,060	2,594
43	30	97 095	11 914,022	198 691,813	16,677	16,211	93	80	6 843	73,226	210,598	2,876	2,410
44	31	96 913	11 325,390	186 777,791	16,492	16,026	94	81	4 985	50,800	137,372	2,704	2,238
45	32	96 714	10 763,917	175 452,401	16,300	15,834	95	82	3 492	33,895	86,572	2,554	2,088
46	33	96 500	10 228,647	164 688,484	16,101	15,634	96	83	2 360	21,814	52,677	2,415	1,948
47	34	96 267	9 718,070	154 459,837	15,894	15,428	97	84	1 528	13,454	30,863	2,294	1,828
48	35	96 006	9 230,199	144 741,767	15,681	15,215	98	85	954	8,002	17,409	2,176	1,709
49	36	95 709	8 763,502	135 511,568	15,463	14,997	99	86	573	4,574	9,407	2,056	1,590
							100	87	325	2,468	4,832	1,958	1,492

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	8 321,681	127 045,883	15,267	14,800
1							51	37	95 076	7 896,176	118 724,201	15,036	14,569
2							52	38	94 688	7 489,478	110 828,025	14,798	14,331
3							53	39	94 257	7 100,397	103 338,547	14,554	14,088
4							54	40	93 771	6 727,378	96 238,150	14,305	13,839
5							55	41	93 242	6 370,902	89 510,772	14,050	13,584
6							56	42	92 644	6 028,599	83 139,870	13,791	13,325
7							57	43	91 983	5 700,554	77 111,271	13,527	13,061
8							58	44	91 251	5 385,890	71 410,716	13,259	12,792
9							59	45	90 460	5 084,985	66 024,827	12,984	12,518
10							60	46	89 578	4 795,597	60 939,841	12,707	12,241
11							61	47	88 617	4 518,242	56 144,245	12,426	11,960
12							62	48	87 564	4 251,973	51 626,003	12,142	11,675
13							63	49	86 404	3 995,832	47 374,030	11,856	11,389
14	0	99 525	50 267,019	991 852,255	19,732	19,265	64	50	85 141	3 749,928	43 378,199	11,568	11,101
15	1	99 225	47 729,011	941 585,236	19,728	19,261	65	51	83 783	3 514,393	39 628,270	11,276	10,810
16	2	99 188	45 439,027	893 856,225	19,672	19,205	66	52	82 325	3 288,814	36 113,877	10,981	10,514
17	3	99 152	43 259,683	848 417,198	19,612	19,146	67	53	80 764	3 072,796	32 825,063	10,682	10,216
18	4	99 116	41 184,606	805 157,515	19,550	19,084	68	54	79 107	2 866,438	29 752,267	10,380	9,913
19	5	99 068	39 204,685	763 972,908	19,487	19,020	69	55	77 340	2 668,958	26 885,829	10,074	9,607
20	6	99 022	37 320,193	724 768,223	19,420	18,954	70	56	75 474	2 480,531	24 216,871	9,763	9,296
21	7	98 973	35 525,780	687 448,031	19,351	18,884	71	57	73 525	2 301,421	21 736,340	9,445	8,978
22	8	98 929	33 818,781	651 922,250	19,277	18,811	72	58	71 422	2 129,143	19 434,918	9,128	8,662
23	9	98 880	32 192,540	618 103,469	19,200	18,734	73	59	69 255	1 966,218	17 305,776	8,802	8,335
24	10	98 833	30 645,050	585 910,929	19,119	18,653	74	60	66 947	1 810,173	15 339,558	8,474	8,008
25	11	98 783	29 170,771	555 265,879	19,035	18,569	75	61	64 526	1 661,652	13 529,384	8,142	7,676
26	12	98 731	27 767,281	526 095,108	18,947	18,480	76	62	61 969	1 519,804	11 867,732	7,809	7,342
27	13	98 682	26 431,705	498 327,828	18,853	18,387	77	63	59 283	1 384,701	10 347,928	7,473	7,007
28	14	98 629	25 159,742	471 896,122	18,756	18,290	78	64	56 512	1 257,111	8 963,227	7,130	6,664
29	15	98 575	23 948,367	446 736,380	18,654	18,188	79	65	53 585	1 135,234	7 706,116	6,788	6,322
30	16	98 515	22 794,078	422 788,013	18,548	18,082	80	66	50 525	1 019,450	6 570,882	6,446	5,979
31	17	98 450	21 694,407	399 993,935	18,438	17,971	81	67	47 289	908,714	5 551,432	6,109	5,643
32	18	98 381	20 646,811	378 299,528	18,322	17,856	82	68	43 933	804,016	4 642,718	5,774	5,308
33	19	98 305	19 648,427	357 652,717	18,203	17,736	83	69	40 466	705,316	3 838,702	5,443	4,976
34	20	98 220	18 696,594	338 004,291	18,078	17,612	84	70	36 839	611,520	3 133,387	5,124	4,658
35	21	98 135	17 790,854	319 307,696	17,948	17,481	85	71	33 118	523,574	2 521,867	4,817	4,350
36	22	98 044	16 928,004	301 516,842	17,812	17,345	86	72	29 332	441,639	1 998,293	4,525	4,058
37	23	97 941	16 104,968	284 588,838	17,671	17,204	87	73	25 581	366,810	1 556,654	4,244	3,777
38	24	97 827	15 320,258	268 483,870	17,525	17,058	88	74	21 907	299,174	1 189,844	3,977	3,511
39	25	97 712	14 573,503	253 163,611	17,372	16,905	89	75	18 352	238,697	890,670	3,731	3,265
40	26	97 580	13 860,806	238 590,108	17,213	16,747	90	76	15 013	185,960	651,973	3,506	3,040
41	27	97 442	13 182,081	224 729,302	17,048	16,582	91	77	11 988	141,423	466,013	3,295	2,829
42	28	97 280	12 533,520	211 547,222	16,879	16,412	92	78	9 353	105,081	324,590	3,089	2,623
43	29	97 119	11 916,963	199 013,702	16,700	16,234	93	79	7 061	75,553	219,509	2,905	2,439
44	30	96 940	11 328,594	187 096,739	16,515	16,049	94	80	5 167	52,656	143,956	2,734	2,267
45	31	96 745	10 767,384	175 768,146	16,324	15,858	95	81	3 639	35,323	91,299	2,585	2,118
46	32	96 532	10 232,084	165 000,761	16,126	15,659	96	82	2 476	22,890	55,977	2,445	1,979
47	33	96 301	9 721,474	154 768,677	15,920	15,454	97	83	1 618	14,240	33,087	2,323	1,857
48	34	96 042	9 233,725	145 047,203	15,708	15,242	98	84	1 019	8,547	18,846	2,205	1,739
49	35	95 754	8 767,596	135 813,478	15,490	15,024	99	85	618	4,938	10,299	2,086	1,619
							100	86	355	2,698	5,361	1,987	1,521

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	8 325,569	127 318,197	15,292	14,826
1							51	36	95 121	7 899,944	118 992,629	15,062	14,596
2							52	37	94 736	7 493,261	111 092,685	14,826	14,359
3							53	38	94 310	7 104,333	103 599,424	14,583	14,116
4							54	39	93 832	6 731,758	96 495,090	14,334	13,868
5							55	40	93 301	6 374,938	89 763,332	14,081	13,614
6							56	41	92 712	6 033,021	83 388,394	13,822	13,356
7							57	42	92 057	5 705,158	77 355,373	13,559	13,092
8							58	43	91 333	5 390,718	71 650,215	13,291	12,825
9							59	44	90 546	5 089,800	66 259,497	13,018	12,552
10							60	45	89 674	4 800,761	61 169,697	12,742	12,275
11							61	46	88 722	4 523,598	56 368,937	12,461	11,995
12							62	47	87 678	4 257,505	51 845,339	12,177	11,711
13							63	48	86 535	4 001,903	47 587,834	11,891	11,425
14							64	49	85 285	3 756,254	43 585,931	11,604	11,137
15	0	99 513	47 867,437	942 097,046	19,681	19,215	65	50	83 938	3 520,885	39 829,677	11,312	10,846
16	1	99 210	45 449,136	894 229,609	19,675	19,209	66	51	82 497	3 295,657	36 308,791	11,017	10,551
17	2	99 165	43 265,368	848 780,473	19,618	19,152	67	52	80 942	3 079,584	33 013,134	10,720	10,254
18	3	99 126	41 188,713	805 515,105	19,557	19,090	68	53	79 304	2 873,561	29 933,549	10,417	9,950
19	4	99 077	39 208,294	764 326,392	19,494	19,028	69	54	77 553	2 676,330	27 059,988	10,111	9,644
20	5	99 028	37 322,728	725 118,098	19,428	18,962	70	55	75 709	2 488,276	24 383,659	9,799	9,333
21	6	98 981	35 528,374	687 795,369	19,359	18,893	71	56	73 775	2 309,230	21 895,383	9,482	9,015
22	7	98 933	33 820,392	652 266,995	19,286	18,820	72	57	71 692	2 137,171	19 586,153	9,165	8,698
23	8	98 887	32 194,860	618 446,603	19,209	18,743	73	58	69 545	1 974,458	17 448,983	8,837	8,371
24	9	98 839	30 646,679	586 251,743	19,129	18,663	74	59	67 258	1 818,602	15 474,524	8,509	8,043
25	10	98 788	29 172,393	555 605,064	19,046	18,579	75	60	64 859	1 670,215	13 655,922	8,176	7,710
26	11	98 739	27 769,416	526 432,671	18,957	18,491	76	61	62 317	1 528,342	11 985,707	7,842	7,376
27	12	98 688	26 433,376	498 663,255	18,865	18,399	77	62	59 648	1 393,230	10 457,365	7,506	7,039
28	13	98 637	25 161,731	472 229,879	18,768	18,301	78	63	56 896	1 265,667	9 064,135	7,162	6,695
29	14	98 584	23 950,577	447 068,148	18,666	18,200	79	64	53 985	1 143,707	7 798,468	6,819	6,352
30	15	98 526	22 796,717	423 117,571	18,560	18,094	80	65	50 934	1 027,686	6 654,761	6,475	6,009
31	16	98 463	21 697,181	400 320,855	18,450	17,984	81	66	47 707	916,743	5 627,075	6,138	5,672
32	17	98 394	20 649,488	378 623,674	18,336	17,869	82	67	44 348	811,611	4 710,333	5,804	5,337
33	18	98 321	19 651,617	357 974,186	18,216	17,750	83	68	40 884	712,587	3 898,722	5,471	5,005
34	19	98 236	18 699,668	338 322,569	18,092	17,626	84	69	37 270	618,663	3 186,135	5,150	4,684
35	20	98 151	17 793,767	319 622,901	17,963	17,496	85	70	33 539	530,229	2 567,472	4,842	4,376
36	21	98 061	16 930,879	301 829,134	17,827	17,361	86	71	29 743	447,825	2 037,243	4,549	4,083
37	22	97 957	16 107,671	284 898,255	17,687	17,221	87	72	25 969	372,376	1 589,418	4,268	3,802
38	23	97 843	15 322,765	268 790,584	17,542	17,076	88	73	22 280	304,266	1 217,041	4,000	3,534
39	24	97 728	14 575,897	253 467,820	17,390	16,923	89	74	18 693	243,120	912,775	3,754	3,288
40	25	97 599	13 863,501	238 891,922	17,232	16,765	90	75	15 321	189,778	669,655	3,529	3,062
41	26	97 459	13 184,431	225 028,421	17,068	16,601	91	76	12 259	144,626	479,877	3,318	2,852
42	27	97 300	12 536,149	211 843,991	16,899	16,432	92	77	9 582	107,659	335,251	3,114	2,648
43	28	97 142	11 919,800	199 307,842	16,721	16,254	93	78	7 258	77,666	227,592	2,930	2,464
44	29	96 964	11 331,390	187 388,042	16,537	16,071	94	79	5 331	54,330	149,926	2,760	2,293
45	30	96 772	10 770,430	176 056,652	16,346	15,880	95	80	3 772	36,614	95,596	2,611	2,145
46	31	96 563	10 235,380	165 286,222	16,149	15,682	96	81	2 581	23,854	58,982	2,473	2,006
47	32	96 333	9 724,741	155 050,842	15,944	15,478	97	82	1 697	14,943	35,128	2,351	1,884
48	33	96 076	9 236,960	145 326,102	15,733	15,267	98	83	1 079	9,047	20,185	2,231	1,765
49	34	95 790	8 770,945	136 089,142	15,516	15,050	99	84	661	5,275	11,138	2,112	1,645
							100	85	383	2,913	5,864	2,013	1,547

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	8 328,749	127 566,764	15,316	14,850
1							51	35	95 166	7 903,634	119 238,015	15,086	14,620
2							52	36	94 781	7 496,836	111 334,381	14,851	14,384
3							53	37	94 357	7 107,922	103 837,545	14,609	14,142
4							54	38	93 884	6 735,490	96 729,622	14,361	13,895
5							55	39	93 362	6 379,089	89 994,132	14,108	13,641
6							56	40	92 771	6 036,843	83 615,043	13,851	13,384
7							57	41	92 125	5 709,342	77 578,200	13,588	13,122
8							58	42	91 406	5 395,071	71 868,858	13,321	12,855
9							59	43	90 627	5 094,362	66 473,787	13,048	12,582
10							60	44	89 759	4 805,306	61 379,424	12,773	12,307
11							61	45	88 818	4 528,469	56 574,118	12,493	12,027
12							62	46	87 782	4 262,553	52 045,649	12,210	11,744
13							63	47	86 648	4 007,110	47 783,096	11,925	11,458
14							64	48	85 414	3 761,961	43 775,987	11,636	11,170
15							65	49	84 079	3 526,825	40 014,025	11,346	10,879
16	0	99 497	45 580,950	894 702,975	19,629	19,162	66	50	82 649	3 301,745	36 487,200	11,051	10,584
17	1	99 187	43 274,993	849 122,025	19,622	19,155	67	51	81 111	3 085,992	33 185,455	10,754	10,287
18	2	99 139	41 194,126	805 847,031	19,562	19,096	68	52	79 479	2 879,909	30 099,462	10,452	9,985
19	3	99 087	39 212,204	764 652,905	19,500	19,034	69	53	77 746	2 682,980	27 219,553	10,145	9,679
20	4	99 037	37 326,164	725 440,702	19,435	18,969	70	54	75 918	2 495,148	24 536,574	9,834	9,367
21	5	98 987	35 530,788	688 114,537	19,367	18,900	71	55	74 005	2 316,440	22 041,426	9,515	9,049
22	6	98 941	33 822,862	652 583,749	19,294	18,828	72	56	71 935	2 144,422	19 724,986	9,198	8,732
23	7	98 892	32 196,394	618 760,888	19,218	18,752	73	57	69 807	1 981,903	17 580,564	8,871	8,404
24	8	98 846	30 648,888	586 564,494	19,138	18,672	74	58	67 540	1 826,224	15 598,661	8,541	8,075
25	9	98 793	29 173,944	555 915,606	19,055	18,589	75	59	65 161	1 677,992	13 772,437	8,208	7,741
26	10	98 744	27 770,960	526 741,663	18,967	18,501	76	60	62 638	1 536,218	12 094,446	7,873	7,406
27	11	98 695	26 435,409	498 970,703	18,875	18,409	77	61	59 983	1 401,057	10 558,228	7,536	7,070
28	12	98 643	25 163,321	472 535,294	18,779	18,312	78	62	57 247	1 273,463	9 157,171	7,191	6,724
29	13	98 592	23 952,470	447 371,972	18,677	18,211	79	63	54 352	1 151,491	7 883,708	6,847	6,380
30	14	98 535	22 798,820	423 419,503	18,572	18,106	80	64	51 314	1 035,357	6 732,216	6,502	6,036
31	15	98 474	21 699,693	400 620,683	18,462	17,996	81	65	48 092	924,148	5 696,860	6,164	5,698
32	16	98 406	20 652,128	378 920,989	18,348	17,881	82	66	44 739	818,781	4 772,712	5,829	5,363
33	17	98 333	19 654,165	358 268,861	18,229	17,762	83	67	41 270	719,318	3 953,930	5,497	5,030
34	18	98 252	18 702,704	338 614,696	18,105	17,639	84	68	37 654	625,041	3 234,612	5,175	4,709
35	19	98 167	17 796,692	319 911,992	17,976	17,510	85	69	33 931	536,423	2 609,571	4,865	4,398
36	20	98 077	16 933,650	302 115,300	17,841	17,375	86	70	30 121	453,518	2 073,148	4,571	4,105
37	21	97 974	16 110,406	285 181,650	17,702	17,235	87	71	26 333	377,593	1 619,630	4,289	3,823
38	22	97 860	15 325,336	269 071,244	17,557	17,091	88	72	22 618	308,884	1 242,038	4,021	3,555
39	23	97 744	14 578,282	253 745,908	17,406	16,939	89	73	19 011	247,258	933,154	3,774	3,308
40	24	97 615	13 865,779	239 167,626	17,249	16,782	90	74	15 605	193,295	685,896	3,548	3,082
41	25	97 478	13 186,994	225 301,847	17,085	16,619	91	75	12 511	147,596	492,601	3,338	2,871
42	26	97 318	12 538,384	212 114,853	16,917	16,451	92	76	9 799	110,097	345,006	3,134	2,667
43	27	97 163	11 922,300	199 576,469	16,740	16,273	93	77	7 436	79,571	234,909	2,952	2,486
44	28	96 987	11 334,087	187 654,169	16,557	16,090	94	78	5 480	55,850	155,337	2,781	2,315
45	29	96 796	10 773,089	176 320,081	16,367	15,900	95	79	3 892	37,778	99,488	2,634	2,167
46	30	96 591	10 238,275	165 546,993	16,169	15,703	96	80	2 675	24,726	61,710	2,496	2,029
47	31	96 364	9 727,873	155 308,718	15,965	15,499	97	81	1 769	15,572	36,984	2,375	1,909
48	32	96 108	9 240,063	145 580,845	15,755	15,289	98	82	1 132	9,493	21,412	2,256	1,789
49	33	95 824	8 774,017	136 340,781	15,539	15,073	99	83	699	5,583	11,919	2,135	1,669
							100	84	409	3,111	6,337	2,037	1,570

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	8 331,667	127 793,595	15,338	14,872
1							51	34	95 202	7 906,653	119 461,928	15,109	14,643
2							52	35	94 825	7 500,338	111 555,275	14,873	14,407
3							53	36	94 402	7 111,314	104 054,937	14,632	14,166
4							54	37	93 931	6 738,893	96 943,624	14,386	13,919
5							55	38	93 414	6 382,625	90 204,730	14,133	13,666
6							56	39	92 831	6 040,774	83 822,105	13,876	13,410
7							57	40	92 183	5 712,959	77 781,331	13,615	13,148
8							58	41	91 473	5 399,028	72 068,372	13,348	12,882
9							59	42	90 700	5 098,476	66 669,344	13,076	12,610
10							60	43	89 840	4 809,614	61 570,868	12,802	12,335
11							61	44	88 902	4 532,757	56 761,254	12,522	12,056
12							62	45	87 877	4 267,143	52 228,497	12,240	11,773
13							63	46	86 750	4 011,860	47 961,355	11,955	11,488
14							64	47	85 525	3 766,856	43 949,494	11,667	11,201
15							65	48	84 207	3 532,184	40 182,638	11,376	10,910
16							66	49	82 788	3 307,315	36 650,455	11,082	10,615
17	0	99 475	43 400,502	849 559,918	19,575	19,108	67	50	81 260	3 091,693	33 343,139	10,785	10,318
18	1	99 161	41 203,290	806 159,416	19,565	19,099	68	51	79 644	2 885,902	30 251,446	10,482	10,016
19	2	99 100	39 217,357	764 956,126	19,506	19,039	69	52	77 918	2 688,907	27 365,544	10,177	9,711
20	3	99 047	37 329,886	725 738,769	19,441	18,975	70	53	76 107	2 501,348	24 676,637	9,865	9,399
21	4	98 997	35 534,059	688 408,883	19,373	18,907	71	54	74 209	2 322,838	22 175,290	9,547	9,080
22	5	98 947	33 825,160	652 874,824	19,301	18,835	72	55	72 160	2 151,117	19 852,452	9,229	8,763
23	6	98 899	32 198,745	619 049,664	19,226	18,759	73	56	70 044	1 988,628	17 701,335	8,901	8,435
24	7	98 850	30 650,348	586 850,919	19,147	18,680	74	57	67 795	1 833,109	15 712,707	8,572	8,105
25	8	98 800	29 176,046	556 200,572	19,064	18,597	75	58	65 434	1 685,024	13 879,598	8,237	7,771
26	9	98 750	27 772,436	527 024,525	18,977	18,510	76	59	62 930	1 543,371	12 194,574	7,901	7,435
27	10	98 701	26 436,878	499 252,089	18,885	18,418	77	60	60 293	1 408,277	10 651,203	7,563	7,097
28	11	98 651	25 165,257	472 815,211	18,788	18,322	78	61	57 568	1 280,617	9 242,926	7,218	6,751
29	12	98 598	23 953,984	447 649,954	18,688	18,222	79	62	54 687	1 158,584	7 962,310	6,872	6,406
30	13	98 543	22 800,622	423 695,970	18,583	18,116	80	63	51 663	1 042,403	6 803,725	6,527	6,061
31	14	98 483	21 701,695	400 895,348	18,473	18,007	81	64	48 451	931,046	5 761,322	6,188	5,722
32	15	98 418	20 654,519	379 193,653	18,359	17,892	82	65	45 101	825,396	4 830,276	5,852	5,386
33	16	98 346	19 656,678	358 539,134	18,240	17,774	83	66	41 634	725,674	4 004,880	5,519	5,052
34	17	98 265	18 705,129	338 882,456	18,117	17,651	84	67	38 010	630,946	3 279,206	5,197	4,731
35	18	98 183	17 799,581	320 177,327	17,988	17,522	85	68	34 281	541,953	2 648,261	4,887	4,420
36	19	98 093	16 936,434	302 377,746	17,854	17,387	86	69	30 473	458,815	2 106,308	4,591	4,124
37	20	97 990	16 113,044	285 441,311	17,715	17,249	87	70	26 667	382,392	1 647,493	4,308	3,842
38	21	97 876	15 327,938	269 328,268	17,571	17,105	88	71	22 935	313,210	1 265,100	4,039	3,573
39	22	97 760	14 580,728	254 000,329	17,420	16,954	89	72	19 299	251,010	951,890	3,792	3,326
40	23	97 631	13 868,047	239 419,601	17,264	16,798	90	73	15 870	196,585	700,880	3,565	3,099
41	24	97 494	13 189,161	225 551,554	17,101	16,635	91	74	12 743	150,330	504,295	3,355	2,888
42	25	97 337	12 540,822	212 362,393	16,934	16,467	92	75	10 000	112,358	353,964	3,150	2,684
43	26	97 180	11 924,426	199 821,571	16,757	16,291	93	76	7 605	81,373	241,607	2,969	2,503
44	27	97 008	11 336,465	187 897,145	16,575	16,108	94	77	5 615	57,219	160,233	2,800	2,334
45	28	96 819	10 775,653	176 560,680	16,385	15,919	95	78	4 001	38,834	103,014	2,653	2,186
46	29	96 614	10 240,802	165 785,027	16,189	15,722	96	79	2 760	25,512	64,180	2,516	2,049
47	30	96 391	9 730,625	155 544,225	15,985	15,519	97	80	1 834	16,141	38,668	2,396	1,929
48	31	96 139	9 243,040	145 813,600	15,776	15,309	98	81	1 180	9,893	22,527	2,277	1,811
49	32	95 856	8 776,966	136 570,561	15,560	15,094	99	82	734	5,858	12,634	2,157	1,690
							100	83	433	3,293	6,776	2,058	1,591

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	8 334,466	128 000,658	15,358	14,892
1							51	33	95 236	7 909,423	119 666,191	15,130	14,663
2							52	34	94 862	7 503,203	111 756,768	14,895	14,428
3							53	35	94 446	7 114,636	104 253,565	14,653	14,187
4							54	36	93 976	6 742,108	97 138,930	14,408	13,941
5							55	37	93 461	6 385,850	90 396,822	14,156	13,689
6							56	38	92 883	6 044,123	84 010,972	13,900	13,433
7							57	39	92 243	5 716,679	77 966,849	13,638	13,172
8							58	40	91 531	5 402,449	72 250,170	13,374	12,907
9							59	41	90 767	5 102,216	66 847,722	13,102	12,635
10							60	42	89 912	4 813,497	61 745,506	12,828	12,361
11							61	43	88 981	4 536,820	56 932,008	12,549	12,082
12							62	44	87 960	4 271,183	52 395,188	12,267	11,801
13							63	45	86 844	4 016,180	48 124,006	11,983	11,516
14							64	46	85 627	3 771,322	44 107,825	11,696	11,229
15							65	47	84 316	3 536,779	40 336,503	11,405	10,938
16							66	48	82 914	3 312,340	36 799,724	11,110	10,643
17							67	49	81 398	3 096,909	33 487,383	10,813	10,347
18	0	99 448	41 322,790	806 564,579	19,519	19,052	68	50	79 791	2 891,233	30 390,475	10,511	10,045
19	1	99 122	39 226,081	765 241,788	19,508	19,042	69	51	78 080	2 694,502	27 499,242	10,206	9,739
20	2	99 060	37 334,792	726 015,707	19,446	18,980	70	52	76 275	2 506,874	24 804,740	9,895	9,428
21	3	99 006	35 537,602	688 680,915	19,379	18,913	71	53	74 394	2 328,609	22 297,866	9,576	9,109
22	4	98 957	33 828,274	653 143,312	19,308	18,841	72	54	72 359	2 157,058	19 969,256	9,258	8,791
23	5	98 906	32 200,933	619 315,039	19,233	18,766	73	55	70 263	1 994,836	17 812,198	8,929	8,463
24	6	98 858	30 652,586	587 114,106	19,154	18,687	74	56	68 025	1 839,329	15 817,362	8,600	8,133
25	7	98 805	29 177,436	556 461,521	19,072	18,605	75	57	65 681	1 691,377	13 978,032	8,264	7,798
26	8	98 757	27 774,438	527 284,085	18,985	18,518	76	58	63 194	1 549,839	12 286,655	7,928	7,461
27	9	98 706	26 438,284	499 509,647	18,893	18,427	77	59	60 573	1 414,834	10 736,816	7,589	7,122
28	10	98 657	25 166,656	473 071,363	18,798	18,331	78	60	57 865	1 287,216	9 321,982	7,242	6,776
29	11	98 605	23 955,826	447 904,707	18,697	18,231	79	61	54 994	1 165,093	8 034,766	6,896	6,430
30	12	98 549	22 802,063	423 948,881	18,593	18,126	80	62	51 981	1 048,824	6 869,674	6,550	6,083
31	13	98 491	21 703,410	401 146,818	18,483	18,017	81	63	48 781	937,383	5 820,850	6,210	5,743
32	14	98 427	20 656,425	379 443,408	18,369	17,903	82	64	45 437	831,557	4 883,466	5,873	5,406
33	15	98 357	19 658,954	358 786,983	18,251	17,784	83	65	41 971	731,536	4 051,910	5,539	5,073
34	16	98 277	18 707,521	339 128,029	18,128	17,661	84	66	38 345	636,520	3 320,374	5,216	4,750
35	17	98 195	17 801,889	320 420,508	17,999	17,533	85	67	34 605	547,072	2 683,854	4,906	4,439
36	18	98 109	16 939,184	302 618,619	17,865	17,399	86	68	30 787	463,545	2 136,781	4,610	4,143
37	19	98 006	16 115,693	285 679,435	17,727	17,260	87	69	26 979	386,859	1 673,236	4,325	3,859
38	20	97 892	15 330,448	269 563,743	17,584	17,117	88	70	23 226	317,192	1 286,377	4,056	3,589
39	21	97 777	14 583,204	254 233,295	17,433	16,967	89	71	19 570	254,526	969,185	3,808	3,341
40	22	97 647	13 870,374	239 650,090	17,278	16,811	90	72	16 111	199,568	714,659	3,581	3,115
41	23	97 510	13 191,318	225 779,716	17,116	16,649	91	73	12 960	152,889	515,091	3,369	2,903
42	24	97 353	12 542,882	212 588,398	16,949	16,483	92	74	10 186	114,440	362,202	3,165	2,699
43	25	97 199	11 926,745	200 045,515	16,773	16,306	93	75	7 761	83,044	247,762	2,983	2,517
44	26	97 025	11 338,486	188 118,771	16,591	16,125	94	76	5 742	58,516	164,718	2,815	2,349
45	27	96 840	10 777,914	176 780,285	16,402	15,936	95	77	4 099	39,787	106,202	2,669	2,203
46	28	96 637	10 243,240	166 002,371	16,206	15,740	96	78	2 837	26,225	66,416	2,533	2,066
47	29	96 415	9 733,027	155 759,131	16,003	15,537	97	79	1 892	16,654	40,191	2,413	1,947
48	30	96 167	9 245,654	146 026,105	15,794	15,328	98	80	1 223	10,254	23,536	2,295	1,829
49	31	95 887	8 779,793	136 780,450	15,579	15,113	99	81	765	6,105	13,282	2,176	1,709
							100	82	454	3,455	7,177	2,077	1,611

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	8 337,151	128 189,742	15,376	14,909
1							51	32	95 268	7 912,081	119 852,591	15,148	14,682
2							52	33	94 895	7 505,832	111 940,511	14,914	14,447
3							53	34	94 482	7 117,353	104 434,679	14,673	14,207
4							54	35	94 020	6 745,258	97 317,326	14,428	13,961
5							55	36	93 506	6 388,896	90 572,068	14,176	13,710
6							56	37	92 929	6 047,176	84 183,172	13,921	13,455
7							57	38	92 294	5 719,848	78 135,995	13,661	13,194
8							58	39	91 591	5 405,966	72 416,147	13,396	12,929
9							59	40	90 824	5 105,448	67 010,181	13,125	12,659
10							60	41	89 978	4 817,028	61 904,733	12,851	12,385
11							61	42	89 053	4 540,484	57 087,705	12,573	12,107
12							62	43	88 039	4 275,012	52 547,221	12,292	11,825
13							63	44	86 926	4 019,983	48 272,210	12,008	11,542
14							64	45	85 719	3 775,383	44 252,227	11,721	11,255
15							65	46	84 416	3 540,972	40 476,844	11,431	10,965
16							66	47	83 022	3 316,650	36 935,871	11,136	10,670
17							67	48	81 521	3 101,614	33 619,221	10,839	10,373
18							68	49	79 926	2 896,110	30 517,607	10,537	10,071
19	0	99 410	39 339,847	765 616,736	19,462	18,995	69	50	78 224	2 699,480	27 621,497	10,232	9,766
20	1	99 082	37 343,098	726 276,889	19,449	18,982	70	51	76 434	2 512,090	24 922,017	9,921	9,454
21	2	99 019	35 542,273	688 933,791	19,384	18,917	71	52	74 558	2 333,754	22 409,927	9,603	9,136
22	3	98 966	33 831,647	653 391,518	19,313	18,847	72	53	72 539	2 162,418	20 076,173	9,284	8,818
23	4	98 915	32 203,897	619 559,872	19,239	18,772	73	54	70 457	2 000,346	17 913,755	8,955	8,489
24	5	98 864	30 654,668	587 355,975	19,160	18,694	74	55	68 237	1 845,072	15 913,409	8,625	8,158
25	6	98 812	29 179,566	556 701,306	19,078	18,612	75	56	65 904	1 697,116	14 068,337	8,290	7,823
26	7	98 762	27 775,761	527 521,740	18,992	18,526	76	57	63 432	1 555,683	12 371,221	7,952	7,486
27	8	98 713	26 440,189	499 745,979	18,901	18,435	77	58	60 827	1 420,763	10 815,538	7,612	7,146
28	9	98 662	25 167,994	473 305,790	18,806	18,339	78	59	58 135	1 293,209	9 394,775	7,265	6,798
29	10	98 611	23 957,158	448 137,796	18,706	18,239	79	60	55 277	1 171,097	8 101,566	6,918	6,452
30	11	98 557	22 803,817	424 180,638	18,601	18,135	80	61	52 273	1 054,716	6 930,469	6,571	6,105
31	12	98 497	21 704,782	401 376,822	18,493	18,026	81	62	49 081	943,157	5 875,753	6,230	5,763
32	13	98 434	20 658,058	379 672,039	18,379	17,912	82	63	45 747	837,216	4 932,596	5,892	5,425
33	14	98 367	19 660,768	359 013,982	18,260	17,794	83	64	42 284	736,996	4 095,380	5,557	5,090
34	15	98 288	18 709,687	339 353,214	18,138	17,671	84	65	38 655	641,662	3 358,383	5,234	4,767
35	16	98 208	17 804,166	320 643,527	18,009	17,543	85	66	34 910	551,906	2 716,721	4,922	4,456
36	17	98 121	16 941,380	302 839,362	17,876	17,409	86	67	31 078	467,924	2 164,816	4,626	4,160
37	18	98 022	16 118,309	285 897,982	17,737	17,271	87	68	27 257	390,847	1 696,892	4,342	3,875
38	19	97 908	15 332,968	269 779,673	17,595	17,128	88	69	23 498	320,897	1 306,044	4,070	3,604
39	20	97 793	14 585,592	254 446,705	17,445	16,979	89	70	19 818	257,762	985,147	3,822	3,356
40	21	97 664	13 872,730	239 861,113	17,290	16,824	90	71	16 337	202,363	727,386	3,594	3,128
41	22	97 526	13 193,532	225 988,383	17,129	16,662	91	72	13 157	155,209	525,022	3,383	2,916
42	23	97 369	12 544,934	212 794,851	16,963	16,496	92	73	10 359	116,388	369,813	3,177	2,711
43	24	97 215	11 928,704	200 249,917	16,787	16,321	93	74	7 905	84,583	253,425	2,996	2,530
44	25	97 044	11 340,691	188 321,213	16,606	16,139	94	75	5 860	59,717	168,842	2,827	2,361
45	26	96 857	10 779,835	176 980,522	16,418	15,951	95	76	4 192	40,688	109,125	2,682	2,216
46	27	96 658	10 245,389	166 200,687	16,222	15,756	96	77	2 907	26,869	68,438	2,547	2,081
47	28	96 438	9 735,344	155 955,298	16,019	15,553	97	78	1 945	17,120	41,569	2,428	1,962
48	29	96 190	9 247,936	146 219,955	15,811	15,345	98	79	1 262	10,580	24,449	2,311	1,844
49	30	95 914	8 782,276	136 972,018	15,596	15,130	99	80	793	6,328	13,869	2,192	1,725
							100	81	474	3,601	7,541	2,094	1,628

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	8 339,509	128 362,264	15,392	14,926
1							51	31	95 298	7 914,629	120 022,755	15,165	14,698
2							52	32	94 927	7 508,354	112 108,126	14,931	14,465
3							53	33	94 516	7 119,847	104 599,772	14,691	14,225
4							54	34	94 056	6 747,834	97 479,925	14,446	13,980
5							55	35	93 549	6 391,881	90 732,091	14,195	13,728
6							56	36	92 974	6 050,061	84 340,210	13,940	13,474
7							57	37	92 341	5 722,738	78 290,149	13,681	13,214
8							58	38	91 642	5 408,963	72 567,411	13,416	12,950
9							59	39	90 884	5 108,772	67 158,448	13,146	12,679
10							60	40	90 035	4 820,080	62 049,676	12,873	12,407
11							61	41	89 118	4 543,814	57 229,596	12,595	12,129
12							62	42	88 110	4 278,464	52 685,782	12,314	11,848
13							63	43	87 004	4 023,587	48 407,318	12,031	11,564
14							64	44	85 800	3 778,957	44 383,731	11,745	11,279
15							65	45	84 507	3 544,785	40 604,774	11,455	10,988
16							66	46	83 120	3 320,582	37 059,989	11,161	10,694
17							67	47	81 627	3 105,650	33 739,407	10,864	10,397
18							68	48	80 047	2 900,511	30 633,757	10,562	10,095
19							69	49	78 356	2 704,034	27 733,246	10,256	9,790
20	0	99 370	37 451,402	726 623,952	19,402	18,935	70	50	76 575	2 516,731	25 029,213	9,945	9,479
21	1	99 041	35 550,180	689 172,550	19,386	18,920	71	51	74 713	2 338,610	22 512,482	9,626	9,160
22	2	98 979	33 836,093	653 622,370	19,317	18,851	72	52	72 699	2 167,195	20 173,872	9,309	8,842
23	3	98 925	32 207,108	619 786,277	19,244	18,777	73	53	70 632	2 005,316	18 006,676	8,979	8,513
24	4	98 873	30 657,491	587 579,169	19,166	18,700	74	54	68 426	1 850,167	16 001,360	8,649	8,182
25	5	98 819	29 181,549	556 921,679	19,085	18,618	75	55	66 109	1 702,415	14 151,193	8,312	7,846
26	6	98 769	27 777,789	527 740,130	18,999	18,532	76	56	63 647	1 560,961	12 448,778	7,975	7,509
27	7	98 718	26 441,449	499 962,341	18,908	18,442	77	57	61 057	1 426,120	10 887,817	7,635	7,168
28	8	98 669	25 169,808	473 520,892	18,813	18,347	78	58	58 378	1 298,629	9 461,696	7,286	6,820
29	9	98 616	23 958,431	448 351,085	18,714	18,247	79	59	55 535	1 176,549	8 163,067	6,938	6,472
30	10	98 562	22 805,085	424 392,653	18,610	18,143	80	60	52 543	1 060,151	6 986,518	6,590	6,124
31	11	98 505	21 706,452	401 587,569	18,501	18,034	81	61	49 357	948,455	5 926,367	6,248	5,782
32	12	98 441	20 659,363	379 881,117	18,388	17,921	82	62	46 029	842,373	4 977,911	5,909	5,443
33	13	98 374	19 662,322	359 221,754	18,270	17,803	83	63	42 572	742,012	4 135,538	5,573	5,107
34	14	98 298	18 711,413	339 559,432	18,147	17,681	84	64	38 944	646,452	3 393,526	5,249	4,783
35	15	98 219	17 806,227	320 848,019	18,019	17,552	85	65	35 192	556,364	2 747,074	4,938	4,471
36	16	98 134	16 943,546	303 041,792	17,885	17,419	86	66	31 353	472,058	2 190,710	4,641	4,174
37	17	98 035	16 120,399	286 098,246	17,748	17,281	87	67	27 514	394,539	1 718,652	4,356	3,890
38	18	97 924	15 335,457	269 977,847	17,605	17,138	88	68	23 740	324,205	1 324,112	4,084	3,618
39	19	97 809	14 587,990	254 642,390	17,456	16,989	89	69	20 050	260,773	999,907	3,834	3,368
40	20	97 680	13 875,001	240 054,400	17,301	16,835	90	70	16 545	204,936	739,134	3,607	3,140
41	21	97 543	13 195,773	226 179,400	17,140	16,674	91	71	13 341	157,383	534,199	3,394	2,928
42	22	97 385	12 547,039	212 983,627	16,975	16,508	92	72	10 516	118,154	376,815	3,189	2,723
43	23	97 231	11 930,655	200 436,588	16,800	16,334	93	73	8 039	86,023	258,662	3,007	2,540
44	24	97 060	11 342,554	188 505,932	16,619	16,153	94	74	5 969	60,824	172,639	2,838	2,372
45	25	96 876	10 781,931	177 163,378	16,432	15,965	95	75	4 278	41,523	111,815	2,693	2,226
46	26	96 675	10 247,215	166 381,447	16,237	15,770	96	76	2 973	27,477	70,292	2,558	2,092
47	27	96 458	9 737,386	156 134,232	16,035	15,568	97	77	1 992	17,540	42,815	2,441	1,975
48	28	96 213	9 250,138	146 396,846	15,826	15,360	98	78	1 297	10,876	25,275	2,324	1,857
49	29	95 938	8 784,444	137 146,708	15,612	15,146	99	79	818	6,529	14,399	2,205	1,739
							100	80	491	3,732	7,870	2,108	1,642

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	8 341,568	128 519,528	15,407	14,941
1							51	30	95 325	7 916,868	120 177,960	15,180	14,714
2							52	31	94 957	7 510,772	112 261,092	14,947	14,480
3							53	32	94 547	7 122,239	104 750,320	14,707	14,241
4							54	33	94 089	6 750,198	97 628,081	14,463	13,997
5							55	34	93 585	6 394,322	90 877,883	14,212	13,746
6							56	35	93 017	6 052,888	84 483,561	13,958	13,491
7							57	36	92 385	5 725,468	78 430,673	13,699	13,232
8							58	37	91 688	5 411,696	72 705,205	13,435	12,968
9							59	38	90 934	5 111,605	67 293,509	13,165	12,698
10							60	39	90 094	4 823,218	62 181,905	12,892	12,426
11							61	40	89 175	4 546,693	57 358,687	12,615	12,149
12							62	41	88 174	4 281,602	52 811,994	12,335	11,868
13							63	42	87 074	4 026,836	48 530,392	12,052	11,585
14							64	43	85 877	3 782,345	44 503,556	11,766	11,300
15							65	44	84 587	3 548,141	40 721,211	11,477	11,010
16							66	45	83 210	3 324,158	37 173,070	11,183	10,716
17							67	46	81 724	3 109,332	33 848,912	10,886	10,420
18							68	47	80 151	2 904,284	30 739,580	10,584	10,118
19							69	48	78 475	2 708,142	27 835,296	10,278	9,812
20							70	49	76 704	2 520,976	25 127,154	9,967	9,501
21	0	99 329	35 653,284	689 493,879	19,339	18,872	71	50	74 851	2 342,930	22 606,177	9,649	9,182
22	1	99 001	33 843,620	653 840,595	19,319	18,853	72	51	72 850	2 171,705	20 263,247	9,331	8,864
23	2	98 938	32 211,341	619 996,974	19,248	18,781	73	52	70 788	2 009,747	18 091,542	9,002	8,535
24	3	98 883	30 660,547	587 785,634	19,171	18,704	74	53	68 596	1 854,765	16 081,796	8,671	8,204
25	4	98 828	29 184,236	557 125,086	19,090	18,624	75	54	66 292	1 707,117	14 227,031	8,334	7,868
26	5	98 775	27 779,676	527 940,851	19,005	18,538	76	55	63 846	1 565,835	12 519,914	7,996	7,529
27	6	98 725	26 443,379	500 161,174	18,914	18,448	77	56	61 264	1 430,959	10 954,080	7,655	7,189
28	7	98 674	25 171,006	473 717,795	18,820	18,354	78	57	58 598	1 303,526	9 523,120	7,306	6,839
29	8	98 623	23 960,158	448 546,789	18,721	18,254	79	58	55 767	1 181,480	8 219,595	6,957	6,491
30	9	98 568	22 806,297	424 586,631	18,617	18,151	80	59	52 787	1 065,087	7 038,114	6,608	6,142
31	10	98 510	21 707,658	401 780,334	18,509	18,042	81	60	49 612	953,343	5 973,027	6,265	5,799
32	11	98 448	20 660,952	380 072,676	18,396	17,929	82	61	46 287	847,105	5 019,684	5,926	5,459
33	12	98 381	19 663,564	359 411,723	18,278	17,812	83	62	42 834	746,583	4 172,579	5,589	5,123
34	13	98 305	18 712,892	339 748,159	18,156	17,689	84	63	39 209	650,851	3 425,996	5,264	4,797
35	14	98 228	17 807,870	321 035,267	18,028	17,561	85	64	35 455	560,517	2 775,144	4,951	4,485
36	15	98 145	16 945,508	303 227,397	17,894	17,428	86	65	31 606	475,872	2 214,627	4,654	4,187
37	16	98 047	16 122,460	286 281,889	17,757	17,290	87	66	27 757	398,025	1 738,756	4,368	3,902
38	17	97 937	15 337,446	270 159,429	17,614	17,148	88	67	23 964	327,268	1 340,731	4,097	3,630
39	18	97 825	14 590,358	254 821,983	17,465	16,999	89	68	20 256	263,461	1 013,463	3,847	3,380
40	19	97 696	13 877,282	240 231,625	17,311	16,845	90	69	16 738	207,330	750,002	3,617	3,151
41	20	97 559	13 197,933	226 354,344	17,151	16,684	91	70	13 510	159,384	542,672	3,405	2,938
42	21	97 401	12 549,170	213 156,411	16,986	16,519	92	71	10 664	119,809	383,288	3,199	2,733
43	22	97 247	11 932,657	200 607,241	16,812	16,345	93	72	8 161	87,328	263,479	3,017	2,551
44	23	97 076	11 344,409	188 674,583	16,632	16,165	94	73	6 070	61,859	176,151	2,848	2,381
45	24	96 892	10 783,703	177 330,174	16,444	15,978	95	74	4 358	42,293	114,293	2,702	2,236
46	25	96 694	10 249,208	166 546,471	16,250	15,783	96	75	3 034	28,041	72,000	2,568	2,101
47	26	96 475	9 739,122	156 297,263	16,048	15,582	97	76	2 038	17,937	43,959	2,451	1,984
48	27	96 233	9 252,078	146 558,141	15,841	15,374	98	77	1 329	11,143	26,021	2,335	1,869
49	28	95 961	8 786,535	137 306,063	15,627	15,160	99	78	841	6,712	14,879	2,217	1,750
							100	79	506	3,851	8,167	2,121	1,654

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	28	95 679	8 343,553	128 662,940	15,421	14,954
1							51	29	95 349	7 918,822	120 319,387	15,194	14,728
2							52	30	94 984	7 512,897	112 400,565	14,961	14,495
3							53	31	94 578	7 124,533	104 887,668	14,722	14,256
4							54	32	94 121	6 752,466	97 763,135	14,478	14,012
5							55	33	93 618	6 396,563	91 010,668	14,228	13,762
6							56	34	93 053	6 055,199	84 614,106	13,974	13,507
7							57	35	92 428	5 728,143	78 558,906	13,715	13,248
8							58	36	91 732	5 414,278	72 830,764	13,452	12,985
9							59	37	90 980	5 114,187	67 416,486	13,182	12,716
10							60	38	90 144	4 825,892	62 302,299	12,910	12,444
11							61	39	89 233	4 549,653	57 476,407	12,633	12,167
12							62	40	88 230	4 284,314	52 926,754	12,354	11,887
13							63	41	87 138	4 029,789	48 642,440	12,071	11,604
14							64	42	85 946	3 785,399	44 612,650	11,785	11,319
15							65	43	84 663	3 551,322	40 827,251	11,496	11,030
16							66	44	83 289	3 327,305	37 275,929	11,203	10,737
17							67	45	81 812	3 112,680	33 948,624	10,907	10,440
18							68	46	80 246	2 907,728	30 835,944	10,605	10,138
19							69	47	78 577	2 711,666	27 928,216	10,299	9,833
20							70	48	76 821	2 524,807	25 216,551	9,988	9,521
21							71	49	74 978	2 346,882	22 691,744	9,669	9,202
22	0	99 289	33 941,775	654 138,174	19,272	18,806	72	50	72 985	2 175,717	20 344,862	9,351	8,884
23	1	98 960	32 218,507	620 196,399	19,250	18,783	73	51	70 935	2 013,929	18 169,145	9,022	8,555
24	2	98 896	30 664,577	587 977,892	19,174	18,708	74	52	68 747	1 858,862	16 155,216	8,691	8,225
25	3	98 838	29 187,146	557 313,315	19,094	18,628	75	53	66 457	1 711,359	14 296,354	8,354	7,887
26	4	98 785	27 782,234	528 126,170	19,009	18,543	76	54	64 022	1 570,159	12 584,995	8,015	7,549
27	5	98 732	26 445,176	500 343,936	18,920	18,454	77	55	61 455	1 435,427	11 014,836	7,674	7,207
28	6	98 681	25 172,844	473 898,760	18,826	18,359	78	56	58 797	1 307,949	9 579,409	7,324	6,858
29	7	98 628	23 961,299	448 725,916	18,727	18,261	79	57	55 978	1 185,935	8 271,461	6,975	6,508
30	8	98 575	22 807,941	424 764,616	18,624	18,157	80	58	53 008	1 069,551	7 085,526	6,625	6,158
31	9	98 515	21 708,812	401 956,676	18,516	18,049	81	59	49 843	957,782	6 015,974	6,281	5,815
32	10	98 454	20 662,101	380 247,864	18,403	17,937	82	60	46 526	851,471	5 058,193	5,941	5,474
33	11	98 388	19 665,077	359 585,763	18,286	17,819	83	61	43 075	750,777	4 206,722	5,603	5,137
34	12	98 312	18 714,075	339 920,686	18,164	17,698	84	62	39 450	654,860	3 455,945	5,277	4,811
35	13	98 236	17 809,277	321 206,612	18,036	17,570	85	63	35 696	564,332	2 801,085	4,964	4,497
36	14	98 154	16 947,071	303 397,334	17,903	17,436	86	64	31 842	479,424	2 236,753	4,666	4,199
37	15	98 059	16 124,327	286 450,263	17,765	17,299	87	65	27 982	401,241	1 757,329	4,380	3,913
38	16	97 949	15 339,407	270 325,936	17,623	17,157	88	66	24 176	330,159	1 356,088	4,107	3,641
39	17	97 837	14 592,250	254 986,529	17,474	17,008	89	67	20 448	265,950	1 025,929	3,858	3,391
40	18	97 712	13 879,535	240 394,279	17,320	16,854	90	68	16 910	209,467	759,980	3,628	3,162
41	19	97 575	13 200,103	226 514,744	17,160	16,694	91	69	13 668	161,246	550,513	3,414	2,948
42	20	97 417	12 551,225	213 314,642	16,996	16,529	92	70	10 799	121,332	389,267	3,208	2,742
43	21	97 264	11 934,684	200 763,417	16,822	16,355	93	71	8 276	88,551	267,935	3,026	2,559
44	22	97 092	11 346,313	188 828,733	16,642	16,176	94	72	6 162	62,798	179,384	2,857	2,390
45	23	96 908	10 785,467	177 482,420	16,456	15,989	95	73	4 432	43,012	116,586	2,711	2,244
46	24	96 710	10 250,892	166 696,954	16,262	15,795	96	74	3 090	28,561	73,574	2,576	2,110
47	25	96 494	9 741,016	156 446,062	16,061	15,594	97	75	2 079	18,305	45,013	2,459	1,993
48	26	96 251	9 253,728	146 705,046	15,854	15,387	98	76	1 359	11,395	26,707	2,344	1,877
49	27	95 981	8 788,378	137 451,318	15,640	15,174	99	77	861	6,876	15,312	2,227	1,760
							100	78	521	3,959	8,435	2,131	1,664

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	8 345,304	128 793,618	15,433	14,967
1							51	28	95 371	7 920,707	120 448,315	15,207	14,740
2							52	29	95 008	7 514,751	112 527,608	14,974	14,508
3							53	30	94 605	7 126,548	105 012,856	14,735	14,269
4							54	31	94 151	6 754,641	97 886,308	14,492	14,025
5							55	32	93 649	6 398,712	91 131,667	14,242	13,776
6							56	33	93 085	6 057,321	84 732,955	13,989	13,522
7							57	34	92 463	5 730,331	78 675,634	13,730	13,263
8							58	35	91 775	5 416,807	72 945,303	13,466	13,000
9							59	36	91 023	5 116,627	67 528,497	13,198	12,731
10							60	37	90 189	4 828,330	62 411,870	12,926	12,460
11							61	38	89 282	4 552,175	57 583,540	12,650	12,183
12							62	39	88 288	4 287,104	53 031,364	12,370	11,904
13							63	40	87 193	4 032,342	48 744,261	12,088	11,622
14							64	41	86 009	3 788,176	44 711,918	11,803	11,337
15							65	42	84 732	3 554,190	40 923,742	11,514	11,048
16							66	43	83 363	3 330,288	37 369,552	11,221	10,755
17							67	44	81 890	3 115,627	34 039,264	10,925	10,459
18							68	45	80 333	2 910,859	30 923,638	10,624	10,157
19							69	46	78 671	2 714,880	28 012,779	10,318	9,852
20							70	47	76 921	2 528,092	25 297,898	10,007	9,540
21							71	48	75 092	2 350,448	22 769,807	9,687	9,221
22							72	49	73 108	2 179,387	20 419,358	9,369	8,903
23	0	99 247	32 311,949	620 472,058	19,203	18,736	73	50	71 066	2 017,649	18 239,971	9,040	8,574
24	1	98 918	30 671,399	588 160,110	19,176	18,710	74	51	68 890	1 862,730	16 222,322	8,709	8,242
25	2	98 851	29 190,981	557 488,711	19,098	18,632	75	52	66 603	1 715,139	14 359,592	8,372	7,906
26	3	98 794	27 785,004	528 297,730	19,014	18,547	76	53	64 181	1 574,061	12 644,453	8,033	7,567
27	4	98 741	26 447,611	500 512,726	18,925	18,458	77	54	61 625	1 439,391	11 070,392	7,691	7,225
28	5	98 688	25 174,555	474 065,115	18,831	18,365	78	55	58 981	1 312,032	9 631,001	7,341	6,874
29	6	98 635	23 963,049	448 890,560	18,733	18,266	79	56	56 168	1 189,959	8 318,969	6,991	6,525
30	7	98 579	22 809,027	424 927,511	18,630	18,163	80	57	53 208	1 073,584	7 129,010	6,640	6,174
31	8	98 523	21 710,377	402 118,484	18,522	18,056	81	58	50 051	961,796	6 055,426	6,296	5,830
32	9	98 459	20 663,199	380 408,108	18,410	17,944	82	59	46 742	855,435	5 093,630	5,954	5,488
33	10	98 394	19 666,170	359 744,909	18,293	17,826	83	60	43 297	754,646	4 238,195	5,616	5,150
34	11	98 319	18 715,514	340 078,739	18,171	17,705	84	61	39 672	658,539	3 483,549	5,290	4,823
35	12	98 242	17 810,403	321 363,225	18,044	17,577	85	62	35 916	567,808	2 825,010	4,975	4,509
36	13	98 162	16 948,411	303 552,822	17,910	17,444	86	63	32 059	482,687	2 257,202	4,676	4,210
37	14	98 068	16 125,815	286 604,411	17,773	17,307	87	64	28 191	404,235	1 774,515	4,390	3,923
38	15	97 961	15 341,183	270 478,596	17,631	17,164	88	65	24 371	332,826	1 370,280	4,117	3,651
39	16	97 850	14 594,116	255 137,413	17,482	17,016	89	66	20 628	268,299	1 037,453	3,867	3,400
40	17	97 724	13 881,334	240 543,298	17,329	16,862	90	67	17 070	211,446	769,154	3,638	3,171
41	18	97 591	13 202,246	226 661,963	17,168	16,702	91	68	13 809	162,908	557,708	3,423	2,957
42	19	97 433	12 553,288	213 459,718	17,004	16,538	92	69	10 925	122,749	394,800	3,216	2,750
43	20	97 280	11 936,638	200 906,430	16,831	16,365	93	70	8 381	89,677	272,051	3,034	2,567
44	21	97 109	11 348,240	188 969,792	16,652	16,186	94	71	6 249	63,677	182,374	2,864	2,398
45	22	96 924	10 787,277	177 621,552	16,466	15,999	95	72	4 499	43,665	118,697	2,718	2,252
46	23	96 725	10 252,569	166 834,276	16,272	15,806	96	73	3 142	29,047	75,032	2,583	2,117
47	24	96 510	9 742,616	156 581,707	16,072	15,605	97	74	2 118	18,645	45,985	2,466	2,000
48	25	96 269	9 255,527	146 839,091	15,865	15,399	98	75	1 387	11,629	27,340	2,351	1,885
49	26	95 998	8 789,945	137 583,564	15,652	15,186	99	76	881	7,032	15,711	2,234	1,768
							100	77	533	4,056	8,678	2,140	1,673

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	8 346,791	128 912,547	15,445	14,978
1							51	27	95 391	7 922,369	120 565,756	15,218	14,752
2							52	28	95 030	7 516,540	112 643,387	14,986	14,520
3							53	29	94 628	7 128,307	105 126,846	14,748	14,281
4							54	30	94 178	6 756,552	97 998,539	14,504	14,038
5							55	31	93 679	6 400,773	91 241,987	14,255	13,788
6							56	32	93 117	6 059,356	84 841,214	14,002	13,535
7							57	33	92 496	5 732,338	78 781,858	13,743	13,277
8							58	34	91 810	5 418,876	73 049,520	13,481	13,014
9							59	35	91 066	5 119,017	67 630,644	13,212	12,745
10							60	36	90 232	4 830,633	62 511,627	12,941	12,474
11							61	37	89 328	4 554,475	57 680,993	12,665	12,198
12							62	38	88 337	4 289,481	53 126,518	12,385	11,919
13							63	39	87 250	4 034,968	48 837,038	12,103	11,637
14							64	40	86 064	3 790,576	44 802,070	11,819	11,353
15							65	41	84 794	3 556,797	41 011,494	11,530	11,064
16							66	42	83 431	3 332,977	37 454,697	11,238	10,771
17							67	43	81 963	3 118,420	34 121,720	10,942	10,476
18							68	44	80 409	2 913,615	31 003,300	10,641	10,174
19							69	45	78 755	2 717,804	28 089,686	10,335	9,869
20							70	46	77 012	2 531,089	25 371,882	10,024	9,558
21							71	47	75 189	2 353,506	22 840,793	9,705	9,239
22							72	48	73 219	2 182,698	20 487,286	9,386	8,920
23							73	49	71 186	2 021,053	18 304,588	9,057	8,591
24	0	99 205	30 760,354	588 415,538	19,129	18,663	74	50	69 018	1 866,171	16 283,535	8,726	8,259
25	1	98 873	29 197,475	557 655,184	19,099	18,633	75	51	66 742	1 718,708	14 417,364	8,388	7,922
26	2	98 807	27 788,655	528 457,709	19,017	18,551	76	52	64 323	1 577,538	12 698,656	8,050	7,583
27	3	98 751	26 450,248	500 669,053	18,929	18,462	77	53	61 778	1 442,968	11 121,117	7,707	7,241
28	4	98 697	25 176,872	474 218,806	18,835	18,369	78	54	59 144	1 315,656	9 678,150	7,356	6,890
29	5	98 642	23 964,677	449 041,933	18,738	18,271	79	55	56 343	1 193,674	8 362,494	7,006	6,539
30	6	98 586	22 810,692	425 077,256	18,635	18,169	80	56	53 389	1 077,227	7 168,820	6,655	6,188
31	7	98 527	21 711,411	402 266,564	18,528	18,061	81	57	50 240	965,422	6 091,593	6,310	5,843
32	8	98 466	20 664,688	380 555,153	18,416	17,949	82	58	46 938	859,020	5 126,171	5,967	5,501
33	9	98 399	19 667,215	359 890,464	18,299	17,833	83	59	43 498	758,159	4 267,150	5,628	5,162
34	10	98 325	18 716,554	340 223,249	18,178	17,711	84	60	39 876	661,933	3 508,991	5,301	4,835
35	11	98 250	17 811,773	321 506,695	18,050	17,584	85	61	36 118	570,998	2 847,058	4,986	4,520
36	12	98 168	16 949,482	303 694,922	17,918	17,451	86	62	32 256	485,660	2 276,060	4,687	4,220
37	13	98 075	16 127,089	286 745,440	17,780	17,314	87	63	28 382	406,987	1 790,401	4,399	3,933
38	14	97 970	15 342,598	270 618,351	17,638	17,172	88	64	24 553	335,311	1 383,414	4,126	3,659
39	15	97 861	14 595,805	255 275,752	17,490	17,023	89	65	20 795	270,467	1 048,103	3,875	3,409
40	16	97 737	13 883,109	240 679,947	17,336	16,870	90	66	17 221	213,314	777,636	3,646	3,179
41	17	97 603	13 203,957	226 796,838	17,176	16,710	91	67	13 940	164,447	564,323	3,432	2,965
42	18	97 449	12 555,326	213 592,880	17,012	16,546	92	68	11 038	124,014	399,876	3,224	2,758
43	19	97 296	11 938,600	201 037,554	16,839	16,373	93	69	8 479	90,725	275,861	3,041	2,574
44	20	97 124	11 350,098	189 098,954	16,661	16,194	94	70	6 328	64,487	185,137	2,871	2,405
45	21	96 940	10 789,109	177 748,857	16,475	16,008	95	71	4 562	44,277	120,650	2,725	2,259
46	22	96 742	10 254,289	166 959,748	16,282	15,816	96	72	3 190	29,488	76,373	2,590	2,124
47	23	96 526	9 744,210	156 705,459	16,082	15,616	97	73	2 154	18,962	46,885	2,473	2,006
48	24	96 285	9 257,048	146 961,249	15,876	15,409	98	74	1 413	11,845	27,923	2,357	1,891
49	25	96 017	8 791,654	137 704,201	15,663	15,197	99	75	899	7,177	16,079	2,240	1,774
							100	76	545	4,148	8,902	2,146	1,680

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	8 348,414	129 021,011	15,455	14,988
1							51	26	95 408	7 923,781	120 672,597	15,229	14,763
2							52	27	95 050	7 518,117	112 748,816	14,997	14,531
3							53	28	94 650	7 130,004	105 230,699	14,759	14,292
4							54	29	94 201	6 758,220	98 100,694	14,516	14,049
5							55	30	93 706	6 402,584	91 342,475	14,267	13,800
6							56	31	93 147	6 061,308	84 939,891	14,013	13,547
7							57	32	92 527	5 734,264	78 878,583	13,756	13,289
8							58	33	91 842	5 420,774	73 144,319	13,493	13,027
9							59	34	91 101	5 120,972	67 723,545	13,225	12,758
10							60	35	90 274	4 832,890	62 602,572	12,953	12,487
11							61	36	89 370	4 556,648	57 769,682	12,678	12,212
12							62	37	88 381	4 291,648	53 213,034	12,399	11,933
13							63	38	87 298	4 037,205	48 921,387	12,118	11,651
14							64	39	86 120	3 793,044	44 884,182	11,833	11,367
15							65	40	84 847	3 559,050	41 091,138	11,546	11,079
16							66	41	83 492	3 335,422	37 532,088	11,253	10,786
17							67	42	82 029	3 120,938	34 196,666	10,957	10,491
18							68	43	80 481	2 916,227	31 075,728	10,656	10,190
19							69	44	78 830	2 720,377	28 159,501	10,351	9,885
20							70	45	77 095	2 533,814	25 439,124	10,040	9,573
21							71	46	75 278	2 356,297	22 905,310	9,721	9,254
22							72	47	73 314	2 185,538	20 549,013	9,402	8,936
23							73	48	71 294	2 024,123	18 363,475	9,072	8,606
24							74	49	69 134	1 869,319	16 339,352	8,741	8,274
25	0	99 160	29 282,156	557 891,937	19,052	18,586	75	50	66 865	1 721,883	14 470,032	8,404	7,937
26	1	98 829	27 794,837	528 609,782	19,018	18,552	76	51	64 457	1 580,821	12 748,149	8,064	7,598
27	2	98 764	26 453,724	500 814,944	18,932	18,465	77	52	61 914	1 446,156	11 167,328	7,722	7,256
28	3	98 706	25 179,383	474 361,221	18,839	18,373	78	53	59 291	1 318,925	9 721,172	7,371	6,904
29	4	98 651	23 966,883	449 181,838	18,742	18,275	79	54	56 499	1 196,971	8 402,247	7,020	6,553
30	5	98 593	22 812,242	425 214,954	18,640	18,173	80	55	53 556	1 080,590	7 205,277	6,668	6,202
31	6	98 534	21 712,996	402 402,712	18,533	18,066	81	56	50 411	968,698	6 124,687	6,323	5,856
32	7	98 471	20 665,673	380 689,716	18,421	17,955	82	57	47 115	862,259	5 155,989	5,980	5,513
33	8	98 406	19 668,633	360 024,043	18,304	17,838	83	58	43 681	761,337	4 293,729	5,640	5,173
34	9	98 330	18 717,549	340 355,410	18,184	17,717	84	59	40 062	665,015	3 532,392	5,312	4,845
35	10	98 255	17 812,763	321 637,861	18,057	17,590	85	60	36 304	573,940	2 867,378	4,996	4,530
36	11	98 176	16 950,786	303 825,098	17,924	17,458	86	61	32 437	488,388	2 293,437	4,696	4,230
37	12	98 082	16 128,108	286 874,312	17,787	17,321	87	62	28 557	409,494	1 805,049	4,408	3,942
38	13	97 978	15 343,811	270 746,204	17,645	17,179	88	63	24 720	337,593	1 395,556	4,134	3,667
39	14	97 870	14 597,152	255 402,393	17,497	17,030	89	64	20 950	272,486	1 057,963	3,883	3,416
40	15	97 748	13 884,717	240 805,241	17,343	16,877	90	65	17 360	215,037	785,477	3,653	3,186
41	16	97 616	13 205,646	226 920,524	17,184	16,717	91	66	14 063	165,900	570,440	3,438	2,972
42	17	97 462	12 556,954	213 714,878	17,020	16,553	92	67	11 142	125,186	404,540	3,232	2,765
43	18	97 311	11 940,538	201 157,924	16,847	16,380	93	68	8 566	91,660	279,354	3,048	2,581
44	19	97 140	11 351,964	189 217,386	16,668	16,202	94	69	6 402	65,240	187,695	2,877	2,411
45	20	96 956	10 790,875	177 865,423	16,483	16,017	95	70	4 620	44,840	122,455	2,731	2,265
46	21	96 758	10 256,030	167 074,548	16,290	15,824	96	71	3 235	29,901	77,615	2,596	2,129
47	22	96 542	9 745,845	156 818,517	16,091	15,624	97	72	2 187	19,250	47,714	2,479	2,012
48	23	96 301	9 258,562	147 072,672	15,885	15,419	98	73	1 437	12,046	28,464	2,363	1,896
49	24	96 032	8 793,099	137 814,110	15,673	15,207	99	74	915	7,310	16,418	2,246	1,780
							100	75	557	4,233	9,108	2,152	1,685

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 931 721,148	19,317	18,850	50	50	94 198	7 293,546	103 196,513	14,149	13,682
1	1	99 373	94 416,337	1 831 721,148	19,400	18,934	51	51	93 723	6 894,730	95 902,967	13,910	13,443
2	2	99 327	89 665,106	1 737 304,812	19,375	18,909	52	52	93 193	6 513,820	89 008,236	13,665	13,198
3	3	99 301	85 169,974	1 647 639,705	19,345	18,879	53	53	92 616	6 150,584	82 494,416	13,412	12,946
4	4	99 279	80 903,932	1 562 469,731	19,313	18,846	54	54	91 970	5 802,988	76 343,832	13,156	12,689
5	5	99 259	76 852,498	1 481 565,799	19,278	18,811	55	55	91 257	5 470,804	70 540,844	12,894	12,427
6	6	99 243	73 007,403	1 404 713,302	19,241	18,774	56	56	90 456	5 152,269	65 070,040	12,629	12,163
7	7	99 227	69 354,394	1 331 705,898	19,201	18,735	57	57	89 579	4 847,812	59 917,772	12,360	11,893
8	8	99 212	65 885,369	1 262 351,504	19,160	18,693	58	58	88 612	4 556,256	55 069,959	12,087	11,620
9	9	99 198	62 589,647	1 196 466,135	19,116	18,649	59	59	87 560	4 277,620	50 513,703	11,809	11,342
10	10	99 184	59 459,664	1 133 876,489	19,070	18,603	60	60	86 397	4 010,258	46 236,083	11,529	11,063
11	11	99 172	56 486,395	1 074 416,824	19,021	18,554	61	61	85 133	3 754,470	42 225,825	11,247	10,780
12	12	99 157	53 660,948	1 017 930,429	18,970	18,503	62	62	83 760	3 509,690	38 471,355	10,961	10,495
13	13	99 142	50 976,538	964 269,481	18,916	18,449	63	63	82 269	3 275,255	34 961,666	10,674	10,208
14	14	99 125	48 425,437	913 292,943	18,860	18,393	64	64	80 655	3 050,803	31 686,411	10,386	9,919
15	15	99 104	45 999,988	864 867,506	18,801	18,335	65	65	78 926	2 836,487	28 635,608	10,095	9,629
16	16	99 077	43 693,600	818 867,518	18,741	18,274	66	66	77 091	2 632,360	25 799,121	9,801	9,334
17	17	99 041	41 499,311	775 173,917	18,679	18,212	67	67	75 132	2 437,503	23 166,761	9,504	9,038
18	18	99 002	39 413,650	733 674,607	18,615	18,148	68	68	73 083	2 252,764	20 729,259	9,202	8,735
19	19	98 948	37 427,117	694 260,957	18,550	18,083	69	69	70 917	2 076,948	18 476,494	8,896	8,429
20	20	98 892	35 540,014	656 833,840	18,482	18,015	70	70	68 620	1 909,439	16 399,546	8,589	8,122
21	21	98 835	33 747,776	621 293,826	18,410	17,943	71	71	66 234	1 751,096	14 490,107	8,275	7,808
22	22	98 778	32 045,984	587 546,051	18,334	17,868	72	72	63 690	1 599,848	12 739,011	7,963	7,496
23	23	98 720	30 429,620	555 500,066	18,255	17,788	73	73	61 089	1 457,969	11 139,163	7,640	7,173
24	24	98 662	28 894,878	525 070,446	18,172	17,705	74	74	58 335	1 322,792	9 681,193	7,319	6,852
25	25	98 601	27 436,482	496 175,568	18,085	17,618	75	75	55 488	1 195,467	8 358,401	6,992	6,525
26	26	98 538	26 051,337	468 739,086	17,993	17,526	76	76	52 510	1 074,875	7 162,934	6,664	6,197
27	27	98 477	24 736,547	442 687,749	17,896	17,429	77	77	49 424	961,243	6 088,058	6,334	5,867
28	28	98 412	23 481,160	417 951,201	17,795	17,328	78	78	46 298	855,542	5 126,815	5,992	5,526
29	29	98 343	22 299,962	394 464,041	17,689	17,222	79	79	43 025	755,387	4 271,274	5,654	5,188
30	30	98 271	21 171,934	372 164,079	17,578	17,111	80	80	39 636	661,183	3 515,886	5,318	4,851
31	31	98 191	20 099,543	350 992,146	17,463	16,996	81	81	36 105	572,242	2 854,703	4,989	4,522
32	32	98 103	19 079,852	330 892,603	17,343	16,876	82	82	32 491	489,273	2 282,461	4,665	4,198
33	33	98 010	18 110,966	311 812,751	17,217	16,750	83	83	28 815	412,272	1 793,188	4,350	3,883
34	34	97 907	17 189,482	293 701,785	17,086	16,619	84	84	25 074	340,850	1 380,917	4,051	3,585
35	35	97 801	16 314,341	276 512,303	16,949	16,482	85	85	21 372	276,031	1 040,067	3,768	3,301
36	36	97 682	15 481,626	260 197,963	16,807	16,340	86	86	17 779	218,177	764,036	3,502	3,035
37	37	97 549	14 689,385	244 716,337	16,659	16,193	87	87	14 398	167,873	545,859	3,252	2,785
38	38	97 402	13 935,698	230 026,951	16,506	16,040	88	88	11 298	125,153	377,986	3,020	2,553
39	39	97 249	13 219,786	216 091,253	16,346	15,879	89	89	8 548	89,966	252,833	2,810	2,344
40	40	97 074	12 537,701	202 871,467	16,181	15,714	90	90	6 217	62,167	162,867	2,620	2,153
41	41	96 892	11 890,030	190 333,766	16,008	15,541	91	91	4 330	41,138	100,700	2,448	1,981
42	42	96 681	11 272,284	178 443,736	15,830	15,364	92	92	2 887	26,058	59,562	2,286	1,819
43	43	96 466	10 686,229	167 171,452	15,644	15,177	93	93	1 819	15,603	33,504	2,147	1,681
44	44	96 226	10 127,916	156 485,224	15,451	14,984	94	94	1 086	8,849	17,901	2,023	1,556
45	45	95 968	9 596,953	146 357,308	15,250	14,784	95	95	611	4,730	9,053	1,914	1,447
46	46	95 685	9 091,319	136 760,355	15,043	14,576	96	96	323	2,376	4,323	1,819	1,352
47	47	95 375	8 609,807	127 669,037	14,828	14,362	97	97	160	1,115	1,946	1,745	1,278
48	48	95 029	8 150,662	119 059,230	14,607	14,141	98	98	75	0,499	0,831	1,667	1,200
49	49	94 635	7 712,055	110 908,568	14,381	13,914	99	99	33	0,209	0,333	1,591	1,124
							100	100	13	0,081	0,124	1,530	1,063

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	1 930 236,919	19,358	18,892	50	51	94 025	7 280,097	102 346,449	14,058	13,592
1	2	99 351	94 395,337	1 830 526,106	19,392	18,925	51	52	93 528	6 880,414	95 066,352	13,817	13,350
2	3	99 314	89 653,324	1 736 130,769	19,365	18,898	52	53	92 988	6 499,461	88 185,938	13,568	13,101
3	4	99 291	85 161,483	1 646 477,445	19,334	18,867	53	54	92 387	6 135,339	81 686,477	13,314	12,847
4	5	99 270	80 896,484	1 561 315,962	19,300	18,833	54	55	91 717	5 787,005	75 551,138	13,055	12,589
5	6	99 252	76 847,276	1 480 419,478	19,264	18,798	55	56	90 973	5 453,777	69 764,134	12,792	12,325
6	7	99 236	73 002,073	1 403 572,202	19,226	18,760	56	57	90 150	5 134,846	64 310,357	12,524	12,058
7	8	99 222	69 351,090	1 330 570,129	19,186	18,719	57	58	89 242	4 829,603	59 175,511	12,253	11,786
8	9	99 205	65 880,621	1 261 219,039	19,144	18,677	58	59	88 242	4 537,240	54 345,908	11,978	11,511
9	10	99 192	62 586,320	1 195 338,418	19,099	18,632	59	60	87 154	4 257,795	49 808,668	11,698	11,231
10	11	99 179	59 456,359	1 132 752,098	19,052	18,585	60	61	85 954	3 989,698	45 550,873	11,417	10,950
11	12	99 164	56 482,051	1 073 295,739	19,002	18,536	61	62	84 657	3 733,497	41 561,174	11,132	10,665
12	13	99 151	53 657,557	1 016 813,688	18,950	18,483	62	63	83 248	3 488,204	37 827,678	10,844	10,378
13	14	99 134	50 972,509	963 156,131	18,896	18,429	63	64	81 713	3 253,113	34 339,474	10,556	10,089
14	15	99 116	48 420,970	912 183,622	18,839	18,372	64	65	80 057	3 028,200	31 086,361	10,266	9,799
15	16	99 092	45 994,663	863 762,653	18,780	18,313	65	66	78 293	2 813,756	28 058,160	9,972	9,505
16	17	99 064	43 688,015	817 767,990	18,718	18,252	66	67	76 416	2 609,306	25 244,404	9,675	9,208
17	18	99 029	41 493,930	774 079,975	18,655	18,188	67	68	74 429	2 414,693	22 635,098	9,374	8,907
18	19	98 986	39 407,252	732 586,045	18,590	18,123	68	69	72 338	2 229,777	20 220,405	9,068	8,602
19	20	98 932	37 420,965	693 178,793	18,524	18,057	69	70	70 098	2 052,967	17 990,628	8,763	8,296
20	21	98 875	35 534,197	655 757,828	18,454	17,987	70	71	67 759	1 885,472	15 937,661	8,453	7,986
21	22	98 818	33 742,046	620 223,631	18,381	17,915	71	72	65 319	1 726,906	14 052,189	8,137	7,670
22	23	98 761	32 040,608	586 481,586	18,304	17,838	72	73	62 738	1 575,934	12 325,283	7,821	7,354
23	24	98 704	30 424,643	554 440,978	18,223	17,757	73	74	60 066	1 433,569	10 749,349	7,498	7,032
24	25	98 646	28 890,131	524 016,335	18,138	17,671	74	75	57 274	1 298,728	9 315,780	7,173	6,706
25	26	98 582	27 431,148	495 126,204	18,050	17,583	75	76	54 371	1 171,414	8 017,052	6,844	6,377
26	27	98 521	26 046,694	467 695,055	17,956	17,489	76	77	51 346	1 051,068	6 845,638	6,513	6,046
27	28	98 457	24 731,359	441 648,362	17,858	17,391	77	78	48 241	938,232	5 794,570	6,176	5,709
28	29	98 389	23 481,571	416 917,003	17,755	17,288	78	79	45 039	832,264	4 856,338	5,835	5,368
29	30	98 319	22 294,459	393 435,432	17,647	17,180	79	80	41 699	732,115	4 024,073	5,497	5,030
30	31	98 243	21 165,947	371 140,973	17,535	17,068	80	81	38 238	637,869	3 291,958	5,161	4,694
31	32	98 159	20 093,071	349 975,027	17,418	16,951	81	82	34 646	549,115	2 654,089	4,833	4,367
32	33	98 070	19 073,443	329 881,956	17,295	16,829	82	83	30 964	466,276	2 104,974	4,514	4,048
33	34	97 976	18 104,623	310 808,513	17,167	16,701	83	84	27 224	389,516	1 638,699	4,207	3,740
34	35	97 870	17 182,919	292 703,890	17,035	16,568	84	85	23 474	319,108	1 249,183	3,915	3,448
35	36	97 755	16 306,723	275 520,971	16,896	16,429	85	86	19 797	255,689	930,075	3,638	3,171
36	37	97 635	15 474,244	259 214,248	16,751	16,285	86	87	16 263	199,572	674,386	3,379	2,912
37	38	97 499	14 681,968	243 740,005	16,601	16,135	87	88	12 971	151,238	474,815	3,140	2,673
38	39	97 348	13 927,976	229 058,036	16,446	15,979	88	89	10 018	110,972	323,577	2,916	2,449
39	40	97 186	13 211,185	215 130,060	16,284	15,817	89	90	7 447	78,378	212,605	2,713	2,246
40	41	97 012	12 529,763	201 918,876	16,115	15,648	90	91	5 302	53,021	134,227	2,532	2,065
41	42	96 821	11 881,315	189 389,113	15,940	15,473	91	92	3 611	34,312	81,206	2,367	1,900
42	43	96 603	11 263,189	177 507,797	15,760	15,293	92	93	2 344	21,161	46,894	2,216	1,749
43	44	96 380	10 676,657	166 244,609	15,571	15,104	93	94	1 438	12,335	25,733	2,086	1,619
44	45	96 135	10 118,336	155 567,952	15,375	14,908	94	95	837	6,818	13,398	1,965	1,498
45	46	95 865	9 586,630	145 449,615	15,172	14,705	95	96	456	3,527	6,580	1,865	1,399
46	47	95 572	9 080,553	135 862,986	14,962	14,495	96	97	233	1,713	3,053	1,783	1,316
47	48	95 251	8 598,620	126 782,433	14,745	14,278	97	98	113	0,787	1,340	1,704	1,237
48	49	94 884	8 138,296	118 183,813	14,522	14,055	98	99	51	0,339	0,554	1,630	1,164
49	50	94 476	7 699,068	110 045,517	14,293	13,827	99	100	22	0,137	0,214	1,559	1,093

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	1 928 939,966	19,350	18,883	50	52	93 830	7 264,980	101 427,149	13,961	13,494
1	3	99 338	94 382,933	1 829 251,330	19,381	18,914	51	53	93 322	6 865,246	94 162,169	13,716	13,249
2	4	99 304	89 644,385	1 734 868,397	19,353	18,886	52	54	92 757	6 483,352	87 296,923	13,465	12,998
3	5	99 282	85 153,644	1 645 224,011	19,321	18,854	53	55	92 132	6 118,441	80 813,571	13,208	12,741
4	6	99 263	80 890,988	1 560 070,368	19,286	18,819	54	56	91 431	5 768,993	74 695,130	12,948	12,481
5	7	99 245	76 841,665	1 479 179,380	19,250	18,783	55	57	90 665	5 435,334	68 926,137	12,681	12,214
6	8	99 231	72 998,596	1 402 337,715	19,210	18,744	56	58	89 811	5 115,558	63 490,803	12,411	11,945
7	9	99 215	69 346,092	1 329 339,119	19,170	18,703	57	59	88 870	4 809,446	58 375,245	12,138	11,671
8	10	99 200	65 877,119	1 259 993,026	19,126	18,660	58	60	87 833	4 516,213	53 565,799	11,861	11,394
9	11	99 187	62 582,841	1 194 115,907	19,081	18,614	59	61	86 708	4 235,967	49 049,587	11,579	11,113
10	12	99 171	59 451,786	1 131 533,067	19,033	18,566	60	62	85 474	3 967,411	44 813,620	11,295	10,829
11	13	99 158	56 478,482	1 072 081,280	18,982	18,515	61	63	84 139	3 710,641	40 846,209	11,008	10,541
12	14	99 143	53 653,316	1 015 602,799	18,929	18,462	62	64	82 685	3 464,623	37 135,568	10,719	10,252
13	15	99 125	50 967,807	961 949,483	18,874	18,407	63	65	81 108	3 229,012	33 670,945	10,428	9,961
14	16	99 104	48 415,364	910 981,676	18,816	18,349	64	66	79 415	3 003,933	30 441,934	10,134	9,667
15	17	99 079	45 988,783	862 566,312	18,756	18,289	65	67	77 607	2 789,114	27 438,000	9,838	9,371
16	18	99 051	43 682,316	816 577,530	18,694	18,227	66	68	75 701	2 584,889	24 648,887	9,536	9,069
17	19	99 012	41 487,195	772 895,179	18,630	18,163	67	69	73 670	2 390,053	22 063,998	9,232	8,765
18	20	98 970	39 400,775	731 407,985	18,563	18,096	68	70	71 502	2 204,032	19 673,945	8,926	8,460
19	21	98 915	37 414,840	692 007,210	18,496	18,029	69	71	69 218	2 027,199	17 469,913	8,618	8,151
20	22	98 859	35 528,163	654 592,370	18,425	17,958	70	72	66 823	1 859,426	15 442,715	8,305	7,838
21	23	98 801	33 736,384	619 064,207	18,350	17,883	71	73	64 342	1 701,092	13 583,289	7,985	7,518
22	24	98 745	32 035,367	585 327,822	18,271	17,805	72	74	61 688	1 549,559	11 882,197	7,668	7,201
23	25	98 688	30 419,645	553 292,455	18,189	17,722	73	75	58 974	1 407,489	10 332,638	7,341	6,874
24	26	98 627	28 884,515	522 872,810	18,102	17,635	74	76	56 121	1 272,598	8 925,149	7,013	6,547
25	27	98 564	27 426,259	493 988,295	18,012	17,545	75	77	53 167	1 145,469	7 652,551	6,681	6,214
26	28	98 500	26 041,231	466 562,036	17,916	17,449	76	78	50 117	1 025,907	6 507,083	6,343	5,876
27	29	98 433	24 725,473	440 520,806	17,816	17,350	77	79	46 928	912,706	5 481,175	6,005	5,539
28	30	98 365	23 475,776	415 795,333	17,712	17,245	78	80	43 651	806,624	4 568,470	5,664	5,197
29	31	98 291	22 288,154	392 319,556	17,602	17,135	79	81	40 229	706,300	3 761,846	5,326	4,859
30	32	98 211	21 159,131	370 031,402	17,488	17,021	80	82	36 693	612,089	3 055,547	4,992	4,525
31	33	98 126	20 086,321	348 872,271	17,369	16,902	81	83	33 018	523,305	2 443,457	4,669	4,202
32	34	98 036	19 066,763	328 785,950	17,244	16,777	82	84	29 255	440,539	1 920,152	4,359	3,892
33	35	97 938	18 097,710	309 719,187	17,114	16,647	83	85	25 488	364,669	1 479,613	4,057	3,591
34	36	97 824	17 174,896	291 621,476	16,980	16,513	84	86	21 744	295,592	1 114,943	3,772	3,305
35	37	97 709	16 298,947	274 446,581	16,838	16,372	85	87	18 108	233,884	819,352	3,503	3,036
36	38	97 586	15 466,430	258 147,634	16,691	16,224	86	88	14 651	179,795	585,468	3,256	2,790
37	39	97 445	14 673,833	242 681,204	16,538	16,072	87	89	11 502	134,102	405,673	3,025	2,558
38	40	97 285	13 918,914	228 007,371	16,381	15,914	88	90	8 727	96,678	271,571	2,809	2,342
39	41	97 124	13 202,820	214 088,457	16,215	15,749	89	91	6 351	66,847	174,893	2,616	2,150
40	42	96 941	12 520,580	200 885,637	16,044	15,578	90	92	4 422	44,223	108,045	2,443	1,976
41	43	96 743	11 871,729	188 365,057	15,867	15,400	91	93	2 933	27,863	63,822	2,291	1,824
42	44	96 516	11 253,100	176 493,328	15,684	15,217	92	94	1 853	16,728	35,959	2,150	1,683
43	45	96 289	10 666,559	165 240,228	15,491	15,025	93	95	1 108	9,504	19,230	2,023	1,557
44	46	96 032	10 107,452	154 573,669	15,293	14,826	94	96	624	5,085	9,726	1,913	1,446
45	47	95 752	9 575,277	144 466,217	15,087	14,621	95	97	328	2,542	4,641	1,826	1,359
46	48	95 447	9 068,754	134 890,940	14,874	14,407	96	98	164	1,208	2,099	1,738	1,271
47	49	95 106	8 585,575	125 822,186	14,655	14,188	97	99	77	0,536	0,891	1,664	1,197
48	50	94 725	8 124,591	117 236,611	14,430	13,963	98	100	34	0,223	0,356	1,596	1,129
49	51	94 302	7 684,871	109 112,021	14,198	13,731							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	1 927 557,579	19,338	18,872	50	53	93 623	7 248,965	100 435,221	13,855	13,388
1	4	99 328	94 373,523	1 827 882,042	19,369	18,902	51	54	93 091	6 848,230	93 186,256	13,607	13,141
2	5	99 295	89 636,133	1 733 508,519	19,339	18,873	52	55	92 502	6 465,495	86 338,026	13,354	12,887
3	6	99 275	85 147,858	1 643 872,385	19,306	18,839	53	56	91 846	6 099,398	79 872,531	13,095	12,628
4	7	99 256	80 885,081	1 558 724,527	19,271	18,804	54	57	91 122	5 749,485	73 773,134	12,831	12,364
5	8	99 240	76 838,005	1 477 839,446	19,233	18,766	55	58	90 325	5 414,918	68 023,649	12,562	12,095
6	9	99 224	72 993,335	1 401 001,441	19,194	18,727	56	59	89 436	5 094,208	62 608,731	12,290	11,823
7	10	99 210	69 342,407	1 328 008,106	19,151	18,685	57	60	88 458	4 787,157	57 514,523	12,014	11,548
8	11	99 194	65 873,457	1 258 665,699	19,107	18,641	58	61	87 382	4 493,059	52 727,366	11,735	11,268
9	12	99 179	62 578,028	1 192 792,242	19,061	18,594	59	62	86 223	4 212,304	48 234,308	11,451	10,984
10	13	99 165	59 448,029	1 130 214,214	19,012	18,545	60	63	84 951	3 943,123	44 022,004	11,164	10,697
11	14	99 150	56 474,018	1 070 766,185	18,960	18,494	61	64	83 570	3 685,556	40 078,881	10,875	10,408
12	15	99 134	53 648,366	1 014 292,168	18,906	18,440	62	65	82 072	3 438,954	36 393,325	10,583	10,116
13	16	99 114	50 961,906	960 643,802	18,850	18,383	63	66	80 458	3 203,135	32 954,371	10,288	9,821
14	17	99 092	48 409,174	909 681,895	18,792	18,325	64	67	78 720	2 977,626	29 751,236	9,992	9,525
15	18	99 067	45 982,820	861 272,721	18,730	18,264	65	68	76 881	2 763,013	26 773,610	9,690	9,223
16	19	99 035	43 675,260	815 289,901	18,667	18,200	66	69	74 928	2 558,513	24 010,597	9,385	8,918
17	20	98 996	41 480,376	771 614,641	18,602	18,135	67	70	72 819	2 362,457	21 452,084	9,080	8,614
18	21	98 954	39 394,325	730 134,265	18,534	18,067	68	71	70 605	2 176,367	19 089,627	8,771	8,305
19	22	98 899	37 408,487	690 739,940	18,465	17,998	69	72	68 262	1 999,194	16 913,260	8,460	7,993
20	23	98 842	35 522,202	653 331,453	18,392	17,925	70	73	65 824	1 831,631	14 914,066	8,143	7,676
21	24	98 785	33 730,867	617 809,251	18,316	17,849	71	74	63 266	1 672,622	13 082,435	7,822	7,355
22	25	98 729	32 030,105	584 078,384	18,235	17,768	72	75	60 566	1 521,369	11 409,813	7,500	7,033
23	26	98 668	30 413,731	552 048,279	18,151	17,684	73	76	57 787	1 379,171	9 888,443	7,170	6,703
24	27	98 609	28 879,366	521 634,548	18,063	17,596	74	77	54 878	1 244,411	8 509,233	6,838	6,371
25	28	98 544	27 420,506	492 755,182	17,970	17,504	75	78	51 894	1 118,048	7 264,862	6,498	6,031
26	29	98 477	26 035,033	465 334,675	17,873	17,407	76	79	48 754	997,995	6 146,814	6,159	5,692
27	30	98 409	24 719,372	439 299,642	17,771	17,305	77	80	45 482	884,587	5 148,819	5,821	5,354
28	31	98 337	23 469,138	414 580,271	17,665	17,198	78	81	42 112	778,181	4 264,233	5,480	5,013
29	32	98 260	22 280,977	391 111,133	17,554	17,087	79	82	38 603	677,754	3 486,052	5,144	4,677
30	33	98 178	21 152,024	368 830,156	17,437	16,970	80	83	34 968	583,320	2 808,297	4,814	4,348
31	34	98 092	20 079,287	347 678,132	17,315	16,848	81	84	31 195	494,421	2 224,978	4,500	4,033
32	35	97 998	19 059,484	327 598,845	17,188	16,721	82	85	27 389	412,438	1 730,557	4,196	3,729
33	36	97 893	18 089,260	308 539,362	17,056	16,590	83	86	23 610	337,796	1 318,119	3,902	3,435
34	37	97 777	17 166,706	290 450,102	16,919	16,453	84	87	19 890	270,384	980,323	3,626	3,159
35	38	97 659	16 290,717	273 283,396	16,775	16,309	85	88	16 314	210,707	709,939	3,369	2,903
36	39	97 532	15 457,860	256 992,679	16,625	16,159	86	89	12 991	159,424	499,232	3,131	2,665
37	40	97 382	14 664,285	241 534,819	16,471	16,004	87	90	10 020	116,829	339,808	2,909	2,442
38	41	97 223	13 910,101	226 870,534	16,310	15,843	88	91	7 443	82,455	222,979	2,704	2,237
39	42	97 053	13 193,143	212 960,432	16,142	15,675	89	92	5 297	55,755	140,524	2,520	2,054
40	43	96 863	12 510,477	199 767,289	15,968	15,501	90	93	3 591	35,912	84,769	2,360	1,894
41	44	96 657	11 861,096	187 256,812	15,787	15,321	91	94	2 318	22,027	48,857	2,218	1,751
42	45	96 425	11 242,456	175 395,716	15,601	15,134	92	95	1 428	12,890	26,830	2,081	1,615
43	46	96 185	10 655,085	164 153,260	15,406	14,939	93	96	826	7,088	13,940	1,967	1,500
44	47	95 918	10 095,483	153 498,175	15,205	14,738	94	97	450	3,665	6,852	1,870	1,403
45	48	95 627	9 562,835	143 402,692	14,996	14,529	95	98	232	1,793	3,188	1,778	1,311
46	49	95 303	9 054,996	133 839,857	14,781	14,314	96	99	112	0,822	1,395	1,696	1,229
47	50	94 946	8 571,116	124 784,861	14,559	14,092	97	100	50	0,352	0,572	1,627	1,160
48	51	94 550	8 109,610	116 213,745	14,330	13,864							
49	52	94 106	7 668,914	108 104,135	14,096	13,630							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	1 926 074,366	19,325	18,859	50	54	93 391	7 230,998	99 366,470	13,742	13,275
1	5	99 319	94 364,836	1 826 408,768	19,355	18,888	51	55	92 834	6 829,368	92 135,472	13,491	13,024
2	6	99 288	89 630,043	1 732 043,931	19,324	18,858	52	56	92 214	6 445,372	85 306,103	13,235	12,768
3	7	99 268	85 141,641	1 642 413,888	19,290	18,824	53	57	91 535	6 078,772	78 860,732	12,973	12,506
4	8	99 251	80 881,229	1 557 272,247	19,254	18,787	54	58	90 780	5 727,888	72 781,960	12,707	12,240
5	9	99 233	76 832,468	1 476 391,018	19,216	18,749	55	59	89 948	5 392,318	67 054,071	12,435	11,968
6	10	99 219	72 989,455	1 399 558,551	19,175	18,708	56	60	89 022	5 070,599	61 661,753	12,161	11,694
7	11	99 204	69 338,552	1 326 569,095	19,132	18,665	57	61	88 005	4 762,614	56 591,155	11,882	11,416
8	12	99 187	65 868,391	1 257 230,544	19,087	18,620	58	62	86 894	4 467,960	51 828,541	11,600	11,133
9	13	99 173	62 574,073	1 191 362,153	19,039	18,572	59	63	85 695	4 186,516	47 360,581	11,313	10,846
10	14	99 157	59 443,330	1 128 788,080	18,989	18,523	60	64	84 376	3 916,467	43 174,065	11,024	10,557
11	15	99 141	56 468,808	1 069 344,749	18,937	18,470	61	65	82 951	3 658,251	39 257,598	10,731	10,264
12	16	99 122	53 642,155	1 012 875,941	18,882	18,415	62	66	81 415	3 411,395	35 599,347	10,435	9,969
13	17	99 101	50 955,391	959 233,786	18,825	18,358	63	67	79 753	3 175,083	32 187,952	10,138	9,671
14	18	99 079	48 402,898	908 278,395	18,765	18,298	64	68	77 983	2 949,761	29 012,869	9,836	9,369
15	19	99 050	45 975,356	859 875,497	18,703	18,236	65	69	76 097	2 734,820	26 063,108	9,520	9,063
16	20	99 019	43 668,081	813 900,141	18,638	18,172	66	70	74 063	2 528,971	23 328,288	9,234	8,758
17	21	98 980	41 473,586	770 232,060	18,572	18,105	67	71	71 905	2 332,804	20 799,317	8,916	8,449
18	22	98 937	39 387,636	728 758,474	18,502	18,035	68	72	69 630	2 146,302	18 466,513	8,604	8,137
19	23	98 882	37 402,211	689 370,837	18,431	17,964	69	73	67 242	1 969,310	16 320,211	8,287	7,820
20	24	98 826	35 516,392	651 968,627	18,357	17,890	70	74	64 723	1 800,977	14 350,901	7,968	7,502
21	25	98 769	33 725,326	616 452,234	18,279	17,812	71	75	62 115	1 642,194	12 549,924	7,642	7,175
22	26	98 710	32 023,878	582 726,909	18,197	17,730	72	76	59 347	1 490,759	10 907,731	7,317	6,850
23	27	98 651	30 408,310	550 703,031	18,110	17,643	73	77	56 507	1 348,624	9 416,971	6,983	6,516
24	28	98 589	28 873,309	520 294,721	18,020	17,553	74	78	53 564	1 214,622	8 068,348	6,643	6,176
25	29	98 520	27 413,981	491 421,412	17,926	17,459	75	79	50 482	1 087,629	6 853,726	6,302	5,835
26	30	98 452	26 028,609	464 007,431	17,827	17,360	76	80	47 252	967,248	5 766,097	5,961	5,495
27	31	98 381	24 712,381	437 978,823	17,723	17,256	77	81	43 879	853,395	4 798,849	5,623	5,156
28	32	98 305	23 461,580	413 266,441	17,615	17,148	78	82	40 410	746,730	3 945,454	5,284	4,817
29	33	98 227	22 273,493	389 804,861	17,501	17,034	79	83	36 788	645,898	3 198,724	4,952	4,486
30	34	98 144	21 144,616	367 531,368	17,382	16,915	80	84	33 038	551,123	2 552,825	4,632	4,165
31	35	98 055	20 071,620	346 386,752	17,258	16,791	81	85	29 205	462,883	2 001,703	4,324	3,858
32	36	97 953	19 050,584	326 315,132	17,129	16,662	82	86	25 370	382,044	1 538,820	4,028	3,561
33	37	97 846	18 080,634	307 264,548	16,994	16,527	83	87	21 596	308,989	1 156,776	3,744	3,277
34	38	97 728	17 158,038	289 183,914	16,854	16,387	84	88	17 919	243,590	847,787	3,480	3,014
35	39	97 605	16 281,690	272 025,876	16,707	16,241	85	89	14 466	186,833	604,197	3,234	2,767
36	40	97 468	15 447,802	255 744,186	16,555	16,089	86	90	11 318	138,889	417,363	3,005	2,538
37	41	97 320	14 655,001	240 296,384	16,397	15,930	87	91	8 546	99,641	278,474	2,795	2,328
38	42	97 152	13 899,906	225 641,383	16,233	15,767	88	92	6 208	68,774	178,833	2,600	2,134
39	43	96 975	13 182,498	211 741,477	16,062	15,596	89	93	4 302	45,276	110,060	2,431	1,964
40	44	96 776	12 499,272	198 558,978	15,886	15,419	90	94	2 839	28,390	64,783	2,282	1,815
41	45	96 565	11 849,877	186 059,706	15,701	15,235	91	95	1 786	16,973	36,394	2,144	1,677
42	46	96 321	11 230,363	174 209,830	15,512	15,046	92	96	1 065	9,613	19,421	2,020	1,554
43	47	96 071	10 642,467	162 979,466	15,314	14,847	93	97	596	5,108	9,808	1,920	1,453
44	48	95 793	10 082,365	152 336,999	15,109	14,642	94	98	317	2,584	4,700	1,819	1,352
45	49	95 482	9 548,327	142 254,634	14,898	14,432	95	99	158	1,221	2,116	1,733	1,266
46	50	95 142	9 039,746	132 706,306	14,680	14,214	96	100	73	0,540	0,895	1,656	1,190
47	51	94 771	8 555,312	123 666,560	14,455	13,988							
48	52	94 354	8 092,770	115 111,248	14,224	13,757							
49	53	93 898	7 652,008	107 018,478	13,986	13,519							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	1 924 480,547	19,311	18,844	50	55	93 133	7 211,082	98 217,791	13,620	13,154
1	6	99 312	94 358,425	1 824 824,123	19,339	18,872	51	56	92 545	6 808,113	91 006,709	13,367	12,901
2	7	99 281	89 623,499	1 730 465,698	19,308	18,841	52	57	91 902	6 423,576	84 198,596	13,108	12,641
3	8	99 263	85 137,586	1 640 842,199	19,273	18,806	53	58	91 191	6 055,939	77 775,020	12,843	12,376
4	9	99 244	80 875,400	1 555 704,613	19,236	18,769	54	59	90 401	5 703,982	71 719,082	12,574	12,107
5	10	99 228	76 828,384	1 474 829,213	19,196	18,730	55	60	89 531	5 367,328	66 015,099	12,299	11,833
6	11	99 213	72 985,398	1 398 000,829	19,155	18,688	56	61	88 566	5 044,603	60 647,772	12,022	11,556
7	12	99 196	69 333,219	1 325 015,432	19,111	18,644	57	62	87 513	4 736,009	55 603,169	11,741	11,274
8	13	99 181	65 864,228	1 255 682,212	19,065	18,598	58	63	86 362	4 440,607	50 867,160	11,455	10,988
9	14	99 165	62 569,127	1 189 817,984	19,016	18,549	59	64	85 116	4 158,215	46 426,553	11,165	10,698
10	15	99 148	59 437,847	1 127 248,857	18,965	18,498	60	65	83 751	3 887,450	42 268,338	10,873	10,406
11	16	99 129	56 462,270	1 067 811,011	18,912	18,445	61	66	82 286	3 628,934	38 380,888	10,576	10,110
12	17	99 110	53 635,297	1 011 348,740	18,856	18,389	62	67	80 702	3 381,519	34 751,953	10,277	9,810
13	18	99 088	50 948,785	957 713,443	18,798	18,331	63	68	79 007	3 145,371	31 370,434	9,974	9,507
14	19	99 063	48 395,041	906 764,658	18,737	18,270	64	69	77 188	2 919,662	28 225,063	9,667	9,200
15	20	99 034	45 967,800	858 369,617	18,673	18,206	65	70	75 218	2 703,243	25 305,401	9,361	8,894
16	21	99 003	43 660,433	812 401,817	18,607	18,140	66	71	73 134	2 497,228	22 602,159	9,051	8,584
17	22	98 963	41 466,544	768 740,884	18,539	18,072	67	72	70 912	2 300,577	20 104,930	8,739	8,272
18	23	98 920	39 381,028	727 274,340	18,468	18,001	68	73	68 589	2 114,219	17 804,353	8,421	7,954
19	24	98 866	37 396,093	687 893,312	18,395	17,928	69	74	66 116	1 936,352	15 690,134	8,103	7,636
20	25	98 810	35 510,558	650 497,219	18,318	17,852	70	75	63 545	1 768,213	13 753,782	7,778	7,312
21	26	98 750	33 718,769	614 986,660	18,239	17,772	71	76	60 865	1 609,153	11 985,569	7,448	6,982
22	27	98 692	32 018,170	581 267,892	18,154	17,688	72	77	58 033	1 457,741	10 376,416	7,118	6,651
23	28	98 630	30 401,932	549 249,722	18,066	17,599	73	78	55 155	1 316,340	8 918,675	6,775	6,309
24	29	98 565	28 866,437	518 847,790	17,974	17,507	74	79	52 107	1 181,575	7 602,336	6,434	5,967
25	30	98 496	27 407,216	489 981,352	17,878	17,411	75	80	48 927	1 054,121	6 420,761	6,091	5,624
26	31	98 424	26 021,248	462 574,136	17,777	17,310	76	81	45 586	933,142	5 366,640	5,751	5,284
27	32	98 349	24 704,424	436 552,888	17,671	17,204	77	82	42 105	818,904	4 433,499	5,414	4,947
28	33	98 272	23 453,699	411 848,464	17,560	17,093	78	83	38 511	711,632	3 614,594	5,079	4,613
29	34	98 192	22 265,692	388 394,765	17,444	16,977	79	84	34 758	610,247	2 902,962	4,757	4,290
30	35	98 106	21 136,543	366 129,073	17,322	16,855	80	85	30 931	515,968	2 292,714	4,444	3,977
31	36	98 009	20 062,248	344 992,530	17,196	16,729	81	86	27 053	428,771	1 776,747	4,144	3,677
32	37	97 906	19 041,500	324 930,282	17,064	16,598	82	87	23 207	349,464	1 347,975	3,857	3,390
33	38	97 797	18 071,504	305 888,782	16,927	16,460	83	88	19 456	278,370	998,511	3,587	3,120
34	39	97 674	17 148,530	287 817,278	16,784	16,317	84	89	15 889	215,991	720,142	3,334	2,867
35	40	97 542	16 271,097	270 668,748	16,635	16,168	85	90	12 602	162,768	504,151	3,097	2,631
36	41	97 406	15 438,022	254 397,651	16,479	16,012	86	91	9 653	118,456	341,383	2,882	2,415
37	42	97 249	14 644,260	238 959,629	16,318	15,851	87	92	7 128	83,108	222,927	2,682	2,216
38	43	97 074	13 888,691	224 315,369	16,151	15,684	88	93	5 041	55,848	139,819	2,504	2,037
39	44	96 888	13 170,691	210 426,678	15,977	15,510	89	94	3 401	35,793	83,971	2,346	1,879
40	45	96 685	12 487,449	197 255,987	15,796	15,330	90	95	2 188	21,876	48,179	2,202	1,736
41	46	96 461	11 837,130	184 768,538	15,609	15,142	91	96	1 332	12,657	26,303	2,078	1,611
42	47	96 207	11 217,064	172 931,408	15,417	14,950	92	97	767	6,928	13,646	1,970	1,503
43	48	95 946	10 628,639	161 714,343	15,215	14,748	93	98	420	3,603	6,718	1,865	1,398
44	49	95 648	10 067,069	151 085,705	15,008	14,541	94	99	216	1,760	3,115	1,770	1,303
45	50	95 321	9 532,247	141 018,635	14,794	14,327	95	100	104	0,802	1,355	1,690	1,224
46	51	94 967	9 023,078	131 486,388	14,572	14,105							
47	52	94 574	8 537,547	122 463,310	14,344	13,877							
48	53	94 146	8 074,930	113 925,763	14,109	13,642							
49	54	93 666	7 633,042	105 850,833	13,867	13,401							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	1 922 768,561	19,295	18,828	50	56	92 844	7 188,638	96 986,126	13,492	13,025
1	7	99 305	94 351,535	1 823 118,907	19,323	18,856	51	57	92 232	6 785,090	89 797,488	13,235	12,768
2	8	99 276	89 619,230	1 728 767,372	19,290	18,823	52	58	91 557	6 399,447	83 012,397	12,972	12,505
3	9	99 256	85 131,450	1 639 148,142	19,254	18,788	53	59	90 811	6 030,664	76 612,950	12,704	12,237
4	10	99 239	80 871,101	1 554 016,692	19,216	18,749	54	60	89 982	5 677,548	70 582,286	12,432	11,965
5	11	99 222	76 824,113	1 473 145,591	19,176	18,709	55	61	89 072	5 339,810	64 904,739	12,155	11,688
6	12	99 205	72 979,785	1 396 321,478	19,133	18,666	56	62	88 071	5 016,423	59 564,928	11,874	11,407
7	13	99 190	69 328,838	1 323 341,693	19,088	18,621	57	63	86 977	4 707,016	54 548,506	11,589	11,122
8	14	99 173	65 859,022	1 254 012,856	19,041	18,574	58	64	85 779	4 410,588	49 841,490	11,300	10,834
9	15	99 156	62 563,355	1 188 153,833	18,991	18,524	59	65	84 485	4 127,407	45 430,902	11,007	10,540
10	16	99 137	59 430,965	1 125 590,478	18,939	18,473	60	66	83 080	3 856,298	41 303,495	10,711	10,244
11	17	99 117	56 455,052	1 066 159,513	18,885	18,418	61	67	81 566	3 597,153	37 447,198	10,410	9,943
12	18	99 097	53 628,344	1 009 704,460	18,828	18,361	62	68	79 946	3 349,875	33 850,044	10,105	9,638
13	19	99 072	50 940,515	956 076,117	18,768	18,302	63	69	78 201	3 113,276	30 500,169	9,797	9,330
14	20	99 046	48 387,087	905 135,602	18,706	18,239	64	70	76 296	2 885,951	27 386,894	9,490	9,023
15	21	99 018	45 960,275	856 748,515	18,641	18,174	65	71	74 274	2 669,312	24 500,943	9,179	8,712
16	22	98 986	43 653,022	810 788,240	18,573	18,106	66	72	72 123	2 462,730	21 831,631	8,865	8,398
17	23	98 947	41 459,587	767 134,720	18,503	18,036	67	73	69 852	2 266,189	19 368,901	8,547	8,080
18	24	98 904	39 374,587	725 675,134	18,430	17,963	68	74	67 441	2 078,835	17 102,712	8,227	7,760
19	25	98 850	37 389,950	686 300,547	18,355	17,888	69	75	64 914	1 901,125	15 023,877	7,903	7,436
20	26	98 790	35 503,654	648 910,596	18,277	17,810	70	76	62 267	1 732,637	13 122,751	7,574	7,107
21	27	98 732	33 712,759	613 406,942	18,195	17,728	71	77	59 517	1 573,512	11 390,115	7,239	6,772
22	28	98 671	32 011,454	579 694,183	18,109	17,642	72	78	56 643	1 422,845	9 816,603	6,899	6,432
23	29	98 607	30 394,697	547 682,729	18,019	17,552	73	79	53 654	1 280,525	8 393,758	6,555	6,088
24	30	98 541	28 859,314	517 288,032	17,924	17,458	74	80	50 502	1 145,173	7 113,233	6,211	5,745
25	31	98 468	27 399,465	488 428,718	17,826	17,359	75	81	47 202	1 016,951	5 968,060	5,869	5,402
26	32	98 393	26 012,869	461 029,253	17,723	17,256	76	82	43 743	895,428	4 951,109	5,529	5,063
27	33	98 316	24 696,126	435 016,384	17,615	17,148	77	83	40 126	780,414	4 055,681	5,197	4,730
28	34	98 238	23 445,485	410 320,258	17,501	17,034	78	84	36 385	672,353	3 275,267	4,871	4,405
29	35	98 155	22 257,191	386 874,773	17,382	16,915	79	85	32 541	571,321	2 602,913	4,556	4,089
30	36	98 061	21 126,673	364 617,581	17,259	16,792	80	86	28 651	477,944	2 031,592	4,251	3,784
31	37	97 962	20 052,681	343 490,908	17,129	16,663	81	87	24 746	392,206	1 553,648	3,961	3,495
32	38	97 856	19 031,885	323 438,227	16,995	16,528	82	88	20 907	314,834	1 161,442	3,689	3,222
33	39	97 742	18 061,491	304 406,342	16,854	16,387	83	89	17 252	246,829	846,608	3,430	2,963
34	40	97 610	17 137,373	286 344,851	16,709	16,242	84	90	13 842	188,170	599,779	3,187	2,721
35	41	97 480	16 260,795	269 207,478	16,556	16,089	85	91	10 748	138,822	411,609	2,965	2,498
36	42	97 335	15 426,707	252 946,683	16,397	15,930	86	92	8 051	98,801	272,787	2,761	2,294
37	43	97 171	14 632,444	237 519,977	16,232	15,766	87	93	5 788	67,488	173,986	2,578	2,111
38	44	96 987	13 876,251	222 887,533	16,063	15,596	88	94	3 985	44,150	106,498	2,412	1,945
39	45	96 797	13 158,233	209 011,282	15,884	15,418	89	95	2 620	27,580	62,348	2,261	1,794
40	46	96 581	12 474,017	195 853,048	15,701	15,234	90	96	1 631	16,314	34,768	2,131	1,664
41	47	96 347	11 823,113	183 379,031	15,510	15,043	91	97	960	9,122	18,455	2,023	1,556
42	48	96 082	11 202,489	171 555,918	15,314	14,847	92	98	541	4,886	9,333	1,910	1,443
43	49	95 801	10 612,514	160 353,429	15,110	14,643	93	99	286	2,453	4,447	1,813	1,346
44	50	95 487	10 050,116	149 740,915	14,899	14,433	94	100	142	1,156	1,994	1,725	1,258
45	51	95 146	9 514,671	139 690,799	14,682	14,215							
46	52	94 770	9 004,341	130 176,128	14,457	13,990							
47	53	94 366	8 518,726	121 171,787	14,224	13,757							
48	54	93 912	8 054,916	112 653,060	13,986	13,519							
49	55	93 408	7 612,019	104 598,144	13,741	13,274							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	1 920 928,922	19,278	18,811	50	57	92 530	7 164,329	95 669,078	13,354	12,887
1	8	99 300	94 347,041	1 821 286,544	19,304	18,837	51	58	91 886	6 759,604	88 504,748	13,093	12,626
2	9	99 269	89 612,772	1 726 939,503	19,271	18,804	52	59	91 175	6 372,739	81 745,145	12,827	12,361
3	10	99 251	85 126,925	1 637 326,732	19,234	18,767	53	60	90 390	6 002,715	75 372,406	12,556	12,090
4	11	99 233	80 866,606	1 552 199,806	19,195	18,728	54	61	89 520	5 648,440	69 369,691	12,281	11,814
5	12	99 214	76 818,205	1 471 333,201	19,153	18,687	55	62	88 575	5 309,981	63 721,252	12,000	11,533
6	13	99 199	72 975,173	1 394 514,996	19,109	18,643	56	63	87 532	4 985,712	58 411,270	11,716	11,249
7	14	99 182	69 323,358	1 321 539,824	19,063	18,597	57	64	86 389	4 675,195	53 425,558	11,427	10,961
8	15	99 164	65 852,947	1 252 216,466	19,015	18,549	58	65	85 143	4 377,911	48 750,362	11,136	10,669
9	16	99 145	62 556,112	1 186 363,519	18,965	18,498	59	66	83 808	4 094,331	44 372,452	10,838	10,371
10	17	99 124	59 423,368	1 123 807,407	18,912	18,445	60	67	82 352	3 822,525	40 278,120	10,537	10,070
11	18	99 104	56 447,733	1 064 384,039	18,856	18,389	61	68	80 802	3 563,491	36 455,595	10,230	9,764
12	19	99 081	53 619,639	1 007 936,306	18,798	18,331	62	69	79 131	3 315,693	32 892,104	9,920	9,453
13	20	99 056	50 932,142	954 316,668	18,737	18,270	63	70	77 298	3 077,329	29 576,411	9,611	9,144
14	21	99 030	48 379,167	903 384,526	18,673	18,206	64	71	75 339	2 849,727	26 499,082	9,299	8,832
15	22	99 001	45 952,472	855 005,359	18,606	18,140	65	72	73 248	2 632,437	23 649,355	8,984	8,517
16	23	98 969	43 646,196	809 052,888	18,537	18,075	66	73	71 045	2 425,918	21 016,918	8,663	8,197
17	24	98 930	41 452,806	765 406,692	18,465	17,998	67	74	68 683	2 228,262	18 591,001	8,343	7,876
18	25	98 888	39 368,119	723 953,887	18,389	17,923	68	75	66 214	2 041,017	16 362,739	8,017	7,550
19	26	98 830	37 382,681	684 585,768	18,313	17,846	69	76	63 608	1 862,875	14 321,722	7,688	7,221
20	27	98 773	35 497,326	647 203,087	18,232	17,766	70	77	60 887	1 694,261	12 458,847	7,354	6,887
21	28	98 711	33 705,688	611 705,760	18,148	17,682	71	78	58 092	1 535,845	10 764,586	7,009	6,542
22	29	98 648	32 003,836	578 000,073	18,060	17,594	72	79	55 102	1 384,133	9 228,742	6,668	6,201
23	30	98 582	30 387,197	545 996,237	17,968	17,501	73	80	52 001	1 241,074	7 844,609	6,321	5,854
24	31	98 513	28 851,153	515 609,040	17,871	17,405	74	81	48 721	1 104,792	6 603,535	5,977	5,510
25	32	98 436	27 390,643	486 757,887	17,771	17,304	75	82	45 294	975,850	5 498,743	5,635	5,168
26	33	98 360	26 004,131	459 367,245	17,665	17,198	76	83	41 687	853,341	4 522,892	5,300	4,833
27	34	98 282	24 687,476	433 363,113	17,554	17,087	77	84	37 911	737,338	3 669,551	4,977	4,510
28	35	98 200	23 436,534	408 675,637	17,438	16,971	78	85	34 064	629,465	2 932,213	4,658	4,191
29	36	98 109	22 246,799	385 239,103	17,317	16,850	79	86	30 143	529,218	2 302,747	4,351	3,884
30	37	98 014	21 116,599	362 992,305	17,190	16,723	80	87	26 208	437,186	1 773,529	4,057	3,590
31	38	97 913	20 042,556	341 875,706	17,057	16,591	81	88	22 294	353,341	1 336,344	3,782	3,315
32	39	97 802	19 021,339	321 833,150	16,920	16,453	82	89	18 538	279,162	983,003	3,521	3,054
33	40	97 679	18 049,739	302 811,810	16,777	16,310	83	90	15 030	215,036	703,841	3,273	2,806
34	41	97 549	17 126,522	284 762,071	16,627	16,160	84	91	11 806	160,487	488,805	3,046	2,579
35	42	97 409	16 248,877	267 635,549	16,471	16,004	85	92	8 965	115,788	328,318	2,836	2,369
36	43	97 256	15 414,260	251 386,672	16,309	15,842	86	93	6 538	80,232	212,530	2,649	2,182
37	44	97 084	14 619,338	235 972,412	16,141	15,674	87	94	4 576	53,352	132,299	2,480	2,013
38	45	96 895	13 863,126	221 353,075	15,967	15,500	88	95	3 071	34,020	78,947	2,321	1,854
39	46	96 692	13 144,080	207 489,948	15,786	15,319	89	96	1 954	20,568	44,927	2,184	1,718
40	47	96 466	12 459,245	194 345,869	15,599	15,132	90	97	1 176	11,757	24,360	2,072	1,605
41	48	96 222	11 807,750	181 886,623	15,404	14,937	91	98	677	6,433	12,603	1,959	1,492
42	49	95 936	11 185,494	170 078,873	15,205	14,739	92	99	369	3,327	6,169	1,854	1,387
43	50	95 639	10 594,642	158 893,379	14,998	14,531	93	100	188	1,611	2,842	1,764	1,297
44	51	95 311	10 031,584	148 298,737	14,783	14,316							
45	52	94 948	9 494,914	138 267,153	14,562	14,095							
46	53	94 561	8 984,492	128 772,239	14,333	13,866							
47	54	94 132	8 497,612	119 787,747	14,097	13,630							
48	55	93 654	8 032,731	111 290,135	13,855	13,388							
49	56	93 117	7 588,327	103 257,405	13,607	13,141							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	1 918 954,915	19,259	18,793	50	58	92 182	7 137,418	94 263,628	13,207	12,740
1	9	99 293	94 340,242	1 819 317,284	19,285	18,818	51	59	91 502	6 731,392	87 126,210	12,943	12,476
2	10	99 264	89 608,009	1 724 977,042	19,250	18,783	52	60	90 752	6 343,204	80 394,818	12,674	12,207
3	11	99 245	85 122,193	1 635 369,033	19,212	18,745	53	61	89 926	5 971,940	74 051,613	12,400	11,933
4	12	99 226	80 860,387	1 550 246,841	19,172	18,705	54	62	89 020	5 616,887	68 079,673	12,121	11,654
5	13	99 208	76 813,350	1 469 386,454	19,129	18,663	55	63	88 032	5 277,474	62 462,787	11,836	11,369
6	14	99 191	72 969,405	1 392 573,104	19,084	18,618	56	64	86 940	4 952,008	57 185,313	11,548	11,081
7	15	99 173	69 316,963	1 319 603,699	19,037	18,570	57	65	85 749	4 640,558	52 233,305	11,256	10,789
8	16	99 152	65 845,323	1 250 286,737	18,988	18,521	58	66	84 461	4 342,828	47 592,747	10,959	10,492
9	17	99 132	62 548,115	1 184 441,414	18,936	18,470	59	67	83 074	4 058,474	43 249,919	10,657	10,190
10	18	99 111	59 415,663	1 121 893,299	18,882	18,415	60	68	81 582	3 786,754	39 191,445	10,350	9,883
11	19	99 088	56 438,570	1 062 477,635	18,825	18,359	61	69	79 978	3 527,129	35 404,691	10,038	9,571
12	20	99 064	53 610,382	1 006 039,065	18,766	18,299	62	70	78 217	3 277,409	31 873,562	9,720	9,260
13	21	99 039	50 923,805	952 428,240	18,703	18,236	63	71	76 327	3 038,703	28 600,153	9,412	8,945
14	22	99 013	48 370,952	901 504,435	18,637	18,171	64	72	74 298	2 810,359	25 561,450	9,095	8,629
15	23	98 985	45 944,762	853 133,483	18,569	18,102	65	73	72 153	2 593,087	22 751,090	8,774	8,307
16	24	98 953	43 639,057	807 188,721	18,497	18,030	66	74	69 856	2 385,317	20 158,003	8,451	7,984
17	25	98 914	41 445,996	763 549,664	18,423	17,956	67	75	67 433	2 187,725	17 772,685	8,124	7,657
18	26	98 869	39 360,465	722 103,668	18,346	17,879	68	76	64 882	1 999,952	15 584,961	7,793	7,326
19	27	98 813	37 376,018	682 743,203	18,267	17,800	69	77	62 199	1 821,614	13 585,009	7,458	6,991
20	28	98 752	35 489,881	645 367,185	18,185	17,718	70	78	59 430	1 653,703	11 763,395	7,113	6,647
21	29	98 688	33 697,666	609 877,304	18,099	17,632	71	79	56 512	1 494,058	10 109,692	6,767	6,300
22	30	98 624	31 995,938	576 179,638	18,008	17,541	72	80	53 405	1 341,490	8 615,633	6,422	5,956
23	31	98 554	30 378,604	544 183,700	17,913	17,447	73	81	50 167	1 197,312	7 274,144	6,075	5,609
24	32	98 481	28 841,863	513 805,096	17,815	17,348	74	82	46 752	1 060,142	6 076,831	5,732	5,265
25	33	98 403	27 381,442	484 963,234	17,711	17,245	75	83	43 165	929,983	5 016,690	5,394	4,928
26	34	98 325	25 995,024	457 581,792	17,603	17,136	76	84	39 386	806,240	4 086,707	5,069	4,602
27	35	98 244	24 678,051	431 586,768	17,489	17,022	77	85	35 493	690,305	3 280,466	4,752	4,285
28	36	98 154	23 425,591	406 908,717	17,370	16,903	78	86	31 554	583,078	2 590,161	4,442	3,975
29	37	98 062	22 236,190	383 483,126	17,246	16,779	79	87	27 572	484,087	2 007,084	4,146	3,679
30	38	97 964	21 105,936	361 246,936	17,116	16,649	80	88	23 611	393,863	1 522,996	3,867	3,400
31	39	97 858	20 031,450	340 141,000	16,980	16,514	81	89	19 768	313,306	1 129,134	3,604	3,137
32	40	97 739	19 008,963	320 109,549	16,840	16,373	82	90	16 150	243,204	815,828	3,354	2,888
33	41	97 617	18 038,311	301 100,586	16,692	16,225	83	91	12 818	183,401	572,624	3,122	2,655
34	42	97 477	17 113,970	283 062,275	16,540	16,073	84	92	9 847	133,857	389,223	2,908	2,441
35	43	97 330	16 235,766	265 948,305	16,380	15,914	85	93	7 280	94,026	255,366	2,716	2,249
36	44	97 169	15 400,453	249 712,539	16,215	15,748	86	94	5 169	63,426	161,340	2,544	2,077
37	45	96 992	14 605,510	234 312,086	16,043	15,576	87	95	3 526	41,110	97,913	2,382	1,915
38	46	96 791	13 848,214	219 706,576	15,865	15,399	88	96	2 290	25,370	56,803	2,239	1,772
39	47	96 578	13 128,514	205 858,362	15,680	15,213	89	97	1 408	14,823	31,433	2,121	1,654
40	48	96 341	12 443,056	192 729,847	15,489	15,022	90	98	829	8,292	16,611	2,003	1,536
41	49	96 076	11 789,837	180 286,791	15,292	14,825	91	99	461	4,381	8,319	1,899	1,432
42	50	95 775	11 166,657	168 496,954	15,089	14,622	92	100	242	2,185	3,938	1,802	1,335
43	51	95 463	10 575,106	157 330,297	14,877	14,411							
44	52	95 113	10 010,754	146 755,191	14,660	14,193							
45	53	94 739	9 473,983	136 744,437	14,434	13,967							
46	54	94 326	8 962,223	127 270,454	14,201	13,734							
47	55	93 872	8 474,207	118 308,231	13,961	13,494							
48	56	93 362	8 007,730	109 834,024	13,716	13,249							
49	57	92 802	7 562,666	101 826,294	13,464	12,998							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	1 916 836,453	19,239	18,773	50	59	91 797	7 107,629	92 767,571	13,052	12,585
1	10	99 288	94 335,227	1 817 206,002	19,263	18,796	51	60	91 078	6 700,196	85 659,942	12,785	12,318
2	11	99 258	89 603,027	1 722 870,775	19,228	18,761	52	61	90 287	6 310,684	78 959,746	12,512	12,045
3	12	99 237	85 115,647	1 633 267,748	19,189	18,722	53	62	89 424	5 938,580	72 649,062	12,233	11,767
4	13	99 219	80 855,276	1 548 152,101	19,147	18,680	54	63	88 475	5 582,501	66 710,483	11,950	11,483
5	14	99 200	76 807,279	1 467 296,825	19,104	18,637	55	64	87 437	5 241,797	61 127,982	11,662	11,195
6	15	99 182	72 962,673	1 390 489,546	19,058	18,591	56	65	86 296	4 915,320	55 886,185	11,370	10,903
7	16	99 162	69 308,938	1 317 526,873	19,009	18,543	57	66	85 062	4 603,370	50 970,865	11,073	10,606
8	17	99 139	65 836,905	1 248 217,935	18,959	18,492	58	67	83 721	4 304,794	46 367,495	10,771	10,304
9	18	99 119	62 540,006	1 182 381,030	18,906	18,439	59	68	82 297	4 020,495	42 062,701	10,462	9,995
10	19	99 095	59 406,019	1 119 841,024	18,851	18,384	60	69	80 749	3 748,114	38 042,206	10,150	9,683
11	20	99 071	56 429,293	1 060 435,006	18,792	18,325	61	70	79 054	3 486,404	34 294,092	9,837	9,370
12	21	99 048	53 602,050	1 004 005,712	18,731	18,264	62	71	77 235	3 236,272	30 807,688	9,519	9,053
13	22	99 023	50 915,158	950 403,662	18,666	18,200	63	72	75 273	2 996,725	27 571,416	9,201	8,734
14	23	98 997	48 362,836	899 488,504	18,599	18,132	64	73	73 187	2 768,350	24 574,691	8,877	8,410
15	24	98 968	45 937,247	851 125,667	18,528	18,061	65	74	70 945	2 549,689	21 806,341	8,553	8,086
16	25	98 937	43 631,888	805 188,420	18,454	17,987	66	75	68 585	2 341,923	19 256,651	8,223	7,756
17	26	98 895	41 437,939	761 556,532	18,378	17,911	67	76	66 076	2 143,708	16 914,728	7,890	7,424
18	27	98 851	39 353,450	720 118,593	18,299	17,832	68	77	63 445	1 955,655	14 771,020	7,553	7,086
19	28	98 792	37 368,179	680 765,144	18,218	17,751	69	78	60 710	1 778,008	12 815,365	7,208	6,741
20	29	98 729	35 481,435	643 396,965	18,133	17,667	70	79	57 813	1 608,710	11 037,357	6,861	6,394
21	30	98 664	33 689,351	607 915,531	18,045	17,578	71	80	54 770	1 448,029	9 428,647	6,511	6,045
22	31	98 596	31 986,890	574 226,180	17,952	17,485	72	81	51 522	1 294,187	7 980,619	6,167	5,700
23	32	98 523	30 368,822	542 239,290	17,855	17,388	73	82	48 140	1 148,922	6 686,432	5,820	5,353
24	33	98 448	28 832,175	511 870,468	17,753	17,287	74	83	44 554	1 010,312	5 537,509	5,481	5,014
25	34	98 369	27 371,852	483 038,294	17,647	17,180	75	84	40 783	878,652	4 527,197	5,152	4,686
26	35	98 288	25 985,099	455 666,441	17,536	17,069	76	85	36 874	754,812	3 648,545	4,834	4,367
27	36	98 198	24 666,528	429 681,342	17,420	16,953	77	86	32 877	639,434	2 893,733	4,525	4,059
28	37	98 108	23 414,420	405 014,815	17,298	16,831	78	87	28 863	533,354	2 254,299	4,227	3,760
29	38	98 013	22 224,962	381 600,395	17,170	16,703	79	88	24 840	436,117	1 720,946	3,946	3,479
30	39	97 910	21 094,241	359 375,432	17,037	16,570	80	89	20 936	349,237	1 284,829	3,679	3,212
31	40	97 795	20 018,417	338 281,191	16,898	16,432	81	90	17 222	272,950	935,592	3,428	2,961
32	41	97 677	18 996,928	318 262,774	16,753	16,287	82	91	13 774	207,425	662,642	3,195	2,728
33	42	97 545	18 025,090	299 265,846	16,603	16,136	83	92	10 692	152,969	455,218	2,976	2,509
34	43	97 398	17 100,161	281 240,755	16,447	15,980	84	93	7 996	108,699	302,248	2,781	2,314
35	44	97 243	16 221,224	264 140,594	16,284	15,817	85	94	5 755	74,331	193,549	2,604	2,137
36	45	97 077	15 385,887	247 919,370	16,113	15,647	86	95	3 983	48,873	119,217	2,439	1,973
37	46	96 887	14 589,799	232 533,484	15,938	15,471	87	96	2 629	30,658	70,345	2,295	1,828
38	47	96 676	13 831,815	217 943,684	15,757	15,290	88	97	1 650	18,284	39,687	2,171	1,704
39	48	96 452	13 111,456	204 111,869	15,567	15,101	89	98	993	10,454	21,403	2,047	1,581
40	49	96 195	12 424,179	191 000,413	15,373	14,906	90	99	565	5,646	10,949	1,939	1,472
41	50	95 914	11 769,982	178 576,234	15,172	14,705	91	100	303	2,877	5,303	1,843	1,376
42	51	95 598	11 146,067	166 806,253	14,965	14,499							
43	52	95 265	10 553,147	155 660,186	14,750	14,283							
44	53	94 903	9 988,686	145 107,039	14,527	14,060							
45	54	94 504	9 450,501	135 118,353	14,297	13,831							
46	55	94 066	8 937,539	125 667,852	14,061	13,594							
47	56	93 580	8 447,832	116 730,313	13,818	13,351							
48	57	93 046	7 980,651	108 282,481	13,568	13,101							
49	58	92 454	7 534,259	100 301,830	13,313	12,846							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	1 914 568,328	19,218	18,751	50	60	91 372	7 074,689	91 179,054	12,888	12,421
1	11	99 282	94 329,983	1 814 943,172	19,240	18,774	51	61	90 611	6 665,845	84 104,365	12,617	12,150
2	12	99 251	89 596,136	1 720 613,189	19,204	18,737	52	62	89 783	6 275,431	77 438,520	12,340	11,873
3	13	99 231	85 110,267	1 631 017,053	19,164	18,697	53	63	88 877	5 902,224	71 163,088	12,057	11,590
4	14	99 212	80 848,886	1 545 906,786	19,121	18,654	54	64	87 877	5 544,762	65 260,864	11,770	11,303
5	15	99 191	76 800,193	1 465 057,900	19,076	18,609	55	65	86 789	5 202,962	59 716,102	11,477	11,011
6	16	99 171	72 954,226	1 388 257,707	19,029	18,562	56	66	85 604	4 875,930	54 513,140	11,180	10,713
7	17	99 149	69 300,077	1 315 303,481	18,980	18,513	57	67	84 317	4 563,055	49 637,211	10,878	10,411
8	18	99 127	65 823,369	1 246 003,403	18,928	18,461	58	68	82 938	4 264,510	45 074,156	10,570	10,103
9	19	99 103	62 529,854	1 180 175,034	18,874	18,407	59	69	81 457	3 979,470	40 809,646	10,255	9,788
10	20	99 079	59 396,254	1 117 645,180	18,817	18,350	60	70	79 817	3 704,837	36 830,176	9,941	9,474
11	21	99 055	56 420,057	1 058 248,926	18,757	18,290	61	71	78 062	3 442,644	33 125,338	9,622	9,155
12	22	99 031	53 592,949	1 001 828,869	18,693	18,227	62	72	76 168	3 191,564	29 682,695	9,300	8,834
13	23	99 006	50 906,616	948 235,920	18,627	18,160	63	73	74 148	2 951,930	26 491,130	8,974	8,507
14	24	98 981	48 354,926	897 329,304	18,557	18,090	64	74	71 962	2 722,019	23 539,200	8,648	8,181
15	25	98 952	45 929,701	848 974,378	18,484	18,017	65	75	69 655	2 503,305	20 817,181	8,316	7,849
16	26	98 918	43 623,406	803 044,677	18,409	17,942	66	76	67 205	2 294,804	18 313,876	7,981	7,514
17	27	98 877	41 430,553	759 421,271	18,330	17,863	67	77	64 613	2 096,227	16 019,072	7,642	7,175
18	28	98 830	39 345,195	717 990,718	18,248	17,782	68	78	61 926	1 908,840	13 922,845	7,294	6,827
19	29	98 769	37 359,285	678 645,523	18,165	17,699	69	79	59 058	1 729,633	12 014,005	6,946	6,479
20	30	98 704	35 472,679	641 286,238	18,078	17,612	70	80	56 032	1 559,148	10 284,372	6,596	6,129
21	31	98 636	33 679,824	605 813,559	17,987	17,521	71	81	52 839	1 396,969	8 725,224	6,246	5,779
22	32	98 564	31 976,590	572 133,735	17,892	17,425	72	82	49 439	1 241,882	7 328,255	5,901	5,434
23	33	98 490	30 358,620	540 157,145	17,793	17,326	73	83	45 877	1 094,920	6 086,373	5,559	5,092
24	34	98 414	28 822,077	509 798,524	17,688	17,221	74	84	42 095	954,547	4 991,453	5,229	4,762
25	35	98 331	27 361,402	480 976,447	17,579	17,112	75	85	38 181	822,604	4 036,906	4,907	4,441
26	36	98 242	25 972,966	453 615,046	17,465	16,998	76	86	34 156	699,187	3 214,301	4,597	4,130
27	37	98 152	24 654,765	427 642,080	17,345	16,878	77	87	30 074	584,904	2 515,114	4,300	3,833
28	38	98 058	23 402,597	402 987,315	17,220	16,753	78	88	26 003	480,501	1 930,210	4,017	3,550
29	39	97 958	22 212,647	379 584,717	17,089	16,622	79	89	22 025	386,703	1 449,709	3,749	3,282
30	40	97 846	21 080,517	357 372,070	16,953	16,486	80	90	18 239	304,253	1 063,006	3,494	3,027
31	41	97 733	20 005,743	336 291,554	16,810	16,343	81	91	14 688	232,794	758,753	3,259	2,793
32	42	97 605	18 983,004	316 285,811	16,662	16,195	82	92	11 489	173,007	525,959	3,040	2,573
33	43	97 467	18 010,547	297 302,806	16,507	16,040	83	93	8 682	124,219	352,952	2,841	2,375
34	44	97 311	17 084,845	279 292,260	16,347	15,881	84	94	6 321	85,931	228,732	2,662	2,195
35	45	97 151	16 205,881	262 207,415	16,180	15,713	85	95	4 435	57,276	142,801	2,493	2,026
36	46	96 973	15 369,337	246 001,534	16,006	15,539	86	96	2 970	36,447	85,526	2,347	1,880
37	47	96 773	14 572,522	230 632,197	15,827	15,360	87	97	1 895	22,095	49,079	2,221	1,755
38	48	96 550	13 813,843	216 059,675	15,641	15,174	88	98	1 164	12,895	26,984	2,093	1,626
39	49	96 306	13 091,564	202 245,832	15,449	14,982	89	99	676	7,119	14,089	1,979	1,512
40	50	96 033	12 403,256	189 154,268	15,250	14,784	90	100	371	3,708	6,971	1,880	1,413
41	51	95 737	11 748,279	176 751,012	15,045	14,578							
42	52	95 400	11 122,922	165 002,733	14,834	14,368							
43	53	95 055	10 529,884	153 879,811	14,614	14,147							
44	54	94 668	9 963,928	143 349,928	14,387	13,920							
45	55	94 244	9 424,472	133 386,000	14,153	13,686							
46	56	93 774	8 909,722	123 961,528	13,913	13,446							
47	57	93 264	8 419,265	115 051,806	13,665	13,199							
48	58	92 697	7 950,673	106 632,541	13,412	12,945							
49	59	92 068	7 502,814	98 681,868	13,153	12,686							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	1 912 140,654	19,194	18,728	50	61	90 903	7 038,419	89 496,570	12,715	12,249
1	12	99 275	94 322,729	1 812 521,037	19,216	18,749	51	62	90 105	6 628,608	82 458,151	12,440	11,973
2	13	99 244	89 590,474	1 718 198,308	19,178	18,712	52	63	89 233	6 237,014	75 829,543	12,158	11,691
3	14	99 223	85 103,540	1 628 607,834	19,137	18,670	53	64	88 276	5 862,324	69 592,529	11,871	11,404
4	15	99 202	80 841,427	1 543 504,294	19,093	18,626	54	65	87 226	5 503,682	63 730,205	11,580	11,113
5	16	99 180	76 791,302	1 462 662,867	19,047	18,580	55	66	86 094	5 161,267	58 226,523	11,281	10,815
6	17	99 158	72 944,900	1 385 871,565	18,999	18,532	56	67	84 855	4 833,228	53 065,256	10,979	10,512
7	18	99 136	69 291,092	1 312 926,665	18,948	18,481	57	68	83 528	4 520,354	48 232,029	10,670	10,203
8	19	99 110	65 817,684	1 243 635,573	18,895	18,428	58	69	82 091	4 220,995	43 711,675	10,356	9,889
9	20	99 087	62 519,576	1 177 817,889	18,839	18,372	59	70	80 517	3 933,522	39 490,680	10,040	9,573
10	21	99 062	59 386,532	1 115 298,313	18,780	18,314	60	71	78 815	3 658,335	35 557,158	9,719	9,253
11	22	99 038	56 410,477	1 055 911,780	18,718	18,252	61	72	76 984	3 395,085	31 898,822	9,396	8,929
12	23	99 015	53 583,957	999 501,303	18,653	18,186	62	73	75 030	3 143,857	28 503,737	9,066	8,600
13	24	98 990	50 898,290	945 917,346	18,584	18,118	63	74	72 907	2 902,526	25 359,880	8,737	8,270
14	25	98 964	48 346,983	895 019,057	18,512	18,046	64	75	70 653	2 672,500	22 457,354	8,403	7,936
15	26	98 933	45 920,772	846 672,074	18,438	17,971	65	76	68 253	2 452,939	19 784,854	8,066	7,599
16	27	98 900	43 615,630	800 751,302	18,359	17,892	66	77	65 717	2 243,977	17 331,915	7,724	7,257
17	28	98 857	41 421,863	757 135,672	18,279	17,812	67	78	63 066	2 046,047	15 087,938	7,374	6,907
18	29	98 807	39 335,832	715 713,809	18,195	17,728	68	79	60 241	1 856,905	13 041,891	7,023	6,557
19	30	98 744	37 350,066	676 377,977	18,109	17,642	69	80	57 239	1 676,345	11 184,986	6,672	6,205
20	31	98 676	35 462,648	639 027,911	18,020	17,553	70	81	54 056	1 504,170	9 508,641	6,322	5,855
21	32	98 604	33 668,979	603 565,263	17,926	17,460	71	82	50 704	1 340,510	8 004,471	5,971	5,504
22	33	98 531	31 965,849	569 896,284	17,828	17,361	72	83	47 115	1 183,511	6 663,961	5,631	5,164
23	34	98 455	30 347,988	537 930,435	17,725	17,259	73	84	43 345	1 034,485	5 480,450	5,298	4,831
24	35	98 376	28 811,073	507 582,447	17,618	17,151	74	85	39 410	893,659	4 445,965	4,975	4,508
25	36	98 285	27 348,626	478 771,375	17,506	17,039	75	86	35 367	761,984	3 552,306	4,662	4,195
26	37	98 195	25 960,580	451 422,749	17,389	16,922	76	87	31 244	639,561	2 790,322	4,363	3,896
27	38	98 102	24 642,316	425 462,169	17,266	16,799	77	88	27 094	526,943	2 150,761	4,082	3,615
28	39	98 004	23 389,630	400 819,852	17,137	16,670	78	89	23 056	426,058	1 623,818	3,811	3,344
29	40	97 895	22 198,195	377 430,223	17,003	16,536	79	90	19 188	336,893	1 197,760	3,555	3,089
30	41	97 784	21 067,170	355 232,028	16,862	16,395	80	91	15 556	259,492	860,866	3,318	2,851
31	42	97 661	19 991,080	334 164,858	16,716	16,249	81	92	12 251	194,167	601,374	3,097	2,630
32	43	97 526	18 967,688	314 173,778	16,564	16,097	82	93	9 330	140,491	407,207	2,898	2,432
33	44	97 379	17 994,415	295 206,090	16,405	15,939	83	94	6 864	98,201	266,716	2,716	2,249
34	45	97 219	17 068,685	277 211,675	16,241	15,774	84	95	4 871	66,214	168,516	2,545	2,078
35	46	97 046	16 188,449	260 142,991	16,070	15,603	85	96	3 307	42,713	102,302	2,395	1,928
36	47	96 858	15 351,137	243 954,541	15,892	15,425	86	97	2 140	26,267	59,589	2,269	1,802
37	48	96 647	14 553,587	228 603,405	15,708	15,241	87	98	1 336	15,582	33,322	2,138	1,672
38	49	96 404	13 792,885	214 049,818	15,519	15,052	88	99	793	8,781	17,740	2,020	1,553
39	50	96 144	13 069,517	200 256,932	15,322	14,856	89	100	444	4,675	8,958	1,916	1,449
40	51	95 856	12 380,385	187 187,415	15,120	14,653							
41	52	95 538	11 723,884	174 807,030	14,910	14,444							
42	53	95 189	11 098,402	163 083,146	14,694	14,227							
43	54	94 819	10 503,784	151 984,744	14,470	14,003							
44	55	94 407	9 936,485	141 480,959	14,239	13,772							
45	56	93 950	9 395,139	131 544,475	14,001	13,535							
46	57	93 457	8 879,593	122 149,336	13,756	13,289							
47	58	92 913	8 387,640	113 269,743	13,504	13,038							
48	59	92 310	7 917,490	104 882,103	13,247	12,780							
49	60	91 641	7 468,043	96 964,612	12,984	12,517							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	1 909 545,392	19,170	18,703	50	62	90 396	6 999,101	87 718,860	12,533	12,066
1	13	99 268	94 316,768	1 809 933,436	19,190	18,723	51	63	89 554	6 588,029	80 719,759	12,252	11,786
2	14	99 237	89 583,393	1 715 616,669	19,151	18,684	52	64	88 630	6 194,850	74 131,731	11,967	11,500
3	15	99 214	85 095,690	1 626 033,276	19,108	18,641	53	65	87 622	5 818,891	67 936,881	11,675	11,208
4	16	99 191	80 832,068	1 540 937,586	19,063	18,597	54	66	86 527	5 459,577	62 117,989	11,378	10,911
5	17	99 167	76 781,485	1 460 105,518	19,016	18,550	55	67	85 340	5 116,066	56 658,412	11,075	10,608
6	18	99 145	72 935,442	1 383 324,033	18,966	18,500	56	68	84 060	4 787,999	51 542,347	10,765	10,298
7	19	99 120	69 279,845	1 310 388,591	18,914	18,448	57	69	82 676	4 474,228	46 754,348	10,450	9,983
8	20	99 094	65 806,866	1 241 108,746	18,860	18,393	58	70	81 143	4 172,258	42 280,120	10,134	9,667
9	21	99 070	62 509,343	1 175 301,880	18,802	18,335	59	71	79 506	3 884,150	38 107,861	9,811	9,344
10	22	99 046	59 376,449	1 112 792,538	18,741	18,275	60	72	77 726	3 607,797	34 223,712	9,486	9,019
11	23	99 022	56 401,013	1 053 416,089	18,677	18,210	61	73	75 833	3 344,336	30 615,915	9,155	8,688
12	24	98 999	53 575,193	997 015,076	18,610	18,143	62	74	73 774	3 091,241	27 271,579	8,822	8,355
13	25	98 974	50 889,929	943 439,883	18,539	18,072	63	75	71 581	2 849,723	24 180,338	8,485	8,018
14	26	98 945	48 337,584	892 549,955	18,465	17,998	64	76	69 232	2 618,729	21 330,614	8,145	7,679
15	27	98 915	45 912,587	844 212,371	18,387	17,921	65	77	66 742	2 398,609	18 711,885	7,801	7,334
16	28	98 879	43 606,482	798 299,784	18,307	17,840	66	78	64 144	2 190,259	16 313,276	7,448	6,981
17	29	98 833	41 412,005	754 693,302	18,224	17,757	67	79	61 350	1 990,379	14 123,017	7,096	6,629
18	30	98 782	39 326,125	713 281,298	18,138	17,671	68	80	58 385	1 799,697	12 132,638	6,741	6,275
19	31	98 716	37 339,504	673 955,173	18,049	17,583	69	81	55 220	1 617,235	10 332,941	6,389	5,922
20	32	98 645	35 451,229	636 615,668	17,958	17,491	70	82	51 871	1 443,379	8 715,706	6,038	5,572
21	33	98 571	33 657,669	601 164,440	17,861	17,394	71	83	48 320	1 277,503	7 272,327	5,693	5,226
22	34	98 496	31 954,654	567 506,771	17,760	17,293	72	84	44 515	1 118,186	5 994,824	5,361	4,894
23	35	98 418	30 336,401	535 552,117	17,654	17,187	73	85	40 580	968,498	4 876,638	5,035	4,568
24	36	98 330	28 797,620	505 215,716	17,544	17,077	74	86	36 506	827,802	3 908,141	4,721	4,254
25	37	98 238	27 335,584	476 418,096	17,428	16,962	75	87	32 351	697,003	3 080,339	4,419	3,953
26	38	98 145	25 947,472	449 082,511	17,307	16,841	76	88	28 148	576,184	2 383,336	4,136	3,670
27	39	98 048	24 628,662	423 135,039	17,181	16,714	77	89	24 024	467,238	1 807,152	3,868	3,401
28	40	97 940	23 374,411	398 506,378	17,049	16,582	78	90	20 087	371,179	1 339,914	3,610	3,143
29	41	97 833	22 184,141	375 131,966	16,910	16,443	79	91	16 365	287,330	968,734	3,371	2,905
30	42	97 713	21 051,729	352 947,826	16,766	16,299	80	92	12 975	216,435	681,404	3,148	2,682
31	43	97 582	19 974,950	331 896,097	16,616	16,149	81	93	9 948	157,674	464,969	2,949	2,482
32	44	97 439	18 950,699	311 921,147	16,460	15,993	82	94	7 375	111,064	307,295	2,767	2,300
33	45	97 287	17 977,395	292 970,449	16,297	15,830	83	95	5 289	75,668	196,231	2,593	2,127
34	46	97 115	17 050,325	274 993,054	16,128	15,662	84	96	3 632	49,379	120,563	2,442	1,975
35	47	96 931	16 169,279	257 942,729	15,953	15,486	85	97	2 383	30,783	71,184	2,312	1,846
36	48	96 732	15 331,190	241 773,450	15,770	15,303	86	98	1 510	18,525	40,401	2,181	1,714
37	49	96 500	14 531,508	226 442,260	15,583	15,116	87	99	910	10,611	21,877	2,062	1,595
38	50	96 242	13 769,657	211 910,752	15,390	14,923	88	100	521	5,767	11,265	1,953	1,487
39	51	95 967	13 045,418	198 141,095	15,189	14,722							
40	52	95 657	12 354,677	185 095,677	14,982	14,515							
41	53	95 328	11 698,039	172 740,999	14,767	14,300							
42	54	94 954	11 070,894	161 042,960	14,547	14,080							
43	55	94 558	10 474,854	149 972,066	14,317	13,851							
44	56	94 113	9 905,558	139 497,212	14,083	13,616							
45	57	93 633	9 363,369	129 591,654	13,840	13,373							
46	58	93 106	8 846,239	120 228,285	13,591	13,124							
47	59	92 526	8 352,634	111 382,046	13,335	12,868							
48	60	91 882	7 880,797	103 029,413	13,073	12,607							
49	61	91 171	7 429,755	95 148,616	12,806	12,340							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	1 906 776,180	19,143	18,676	50	63	89 842	6 956,253	85 844,418	12,341	11,874
1	14	99 261	94 309,313	1 807 170,519	19,162	18,695	51	64	88 948	6 543,492	78 888,165	12,056	11,589
2	15	99 227	89 575,129	1 712 861,206	19,122	18,655	52	65	87 973	6 148,954	72 344,673	11,765	11,299
3	16	99 203	85 085,838	1 623 286,077	19,078	18,611	53	66	86 920	5 772,260	66 195,719	11,468	11,001
4	17	99 178	80 821,735	1 538 200,240	19,032	18,565	54	67	85 769	5 411,763	60 423,459	11,165	10,698
5	18	99 154	76 771,530	1 457 378,505	18,983	18,517	55	68	84 541	5 068,190	55 011,695	10,854	10,388
6	19	99 129	72 923,603	1 380 606,975	18,932	18,465	56	69	83 203	4 739,142	49 943,505	10,539	10,072
7	20	99 104	69 268,458	1 307 683,372	18,878	18,412	57	70	81 721	4 422,567	45 204,363	10,221	9,754
8	21	99 078	65 796,094	1 238 414,914	18,822	18,355	58	71	80 125	4 119,889	40 781,796	9,899	9,432
9	22	99 054	62 498,729	1 172 618,820	18,762	18,295	59	72	78 408	3 830,492	36 661,907	9,571	9,104
10	23	99 029	59 366,487	1 110 120,091	18,699	18,233	60	73	76 565	3 553,868	32 831,415	9,238	8,771
11	24	99 005	56 391,788	1 050 753,604	18,633	18,166	61	74	74 564	3 288,365	29 277,547	8,903	8,437
12	25	98 982	53 566,392	994 361,816	18,563	18,096	62	75	72 432	3 035,005	25 989,182	8,563	8,096
13	26	98 954	50 880,035	940 795,424	18,490	18,024	63	76	70 140	2 792,387	22 954,177	8,220	7,753
14	27	98 927	48 328,968	889 915,389	18,414	17,947	64	77	67 698	2 560,727	20 161,790	7,873	7,407
15	28	98 895	45 902,957	841 586,421	18,334	17,867	65	78	65 144	2 341,190	17 601,062	7,518	7,051
16	29	98 856	43 596,104	795 683,465	18,251	17,784	66	79	62 399	2 130,668	15 259,872	7,162	6,695
17	30	98 809	41 401,786	752 087,361	18,166	17,699	67	80	59 460	1 929,059	13 129,204	6,806	6,339
18	31	98 754	39 315,004	710 685,575	18,077	17,610	68	81	56 326	1 736,237	11 200,146	6,451	5,984
19	32	98 684	37 327,481	671 370,571	17,986	17,519	69	82	52 989	1 551,874	9 463,909	6,098	5,632
20	33	98 611	35 439,320	634 043,090	17,891	17,424	70	83	49 433	1 375,537	7 912,035	5,752	5,285
21	34	98 536	33 645,881	598 603,770	17,791	17,324	71	84	45 653	1 206,990	6 536,498	5,416	4,949
22	35	98 459	31 942,454	564 957,888	17,687	17,220	72	85	41 675	1 046,859	5 329,508	5,091	4,624
23	36	98 372	30 322,236	533 015,435	17,578	17,112	73	86	37 590	897,125	4 282,649	4,774	4,307
24	37	98 283	28 783,887	502 693,199	17,464	16,998	74	87	33 393	757,208	3 385,524	4,471	4,004
25	38	98 189	27 321,782	473 909,311	17,345	16,879	75	88	29 145	627,934	2 628,316	4,186	3,719
26	39	98 091	25 933,094	446 587,529	17,221	16,754	76	89	24 958	510,900	2 000,382	3,915	3,449
27	40	97 984	24 612,637	420 654,435	17,091	16,624	77	90	20 929	407,055	1 489,482	3,659	3,192
28	41	97 878	23 359,612	396 041,798	16,954	16,487	78	91	17 132	316,573	1 082,427	3,419	2,952
29	42	97 761	22 167,881	372 682,186	16,812	16,345	79	92	13 650	239,654	765,855	3,196	2,729
30	43	97 634	21 034,743	350 514,305	16,664	16,197	80	93	10 536	175,757	526,200	2,994	2,527
31	44	97 495	19 957,058	329 479,562	16,509	16,043	81	94	7 865	124,648	350,443	2,811	2,345
32	45	97 347	18 932,774	309 522,503	16,349	15,882	82	95	5 683	85,580	225,795	2,638	2,172
33	46	97 183	17 958,057	290 589,729	16,182	15,715	83	96	3 944	56,429	140,216	2,485	2,018
34	47	97 000	17 030,134	272 631,672	16,009	15,542	84	97	2 618	35,587	83,787	2,354	1,888
35	48	96 805	16 148,269	255 601,538	15,828	15,362	85	98	1 681	21,710	48,200	2,220	1,753
36	49	96 586	15 307,931	239 453,269	15,642	15,176	86	99	1 028	12,615	26,490	2,100	1,633
37	50	96 338	14 507,036	224 145,338	15,451	14,984	87	100	598	6,969	13,875	1,991	1,524
38	51	96 064	13 744,267	209 638,302	15,253	14,786							
39	52	95 767	13 018,329	195 894,035	15,048	14,581							
40	53	95 446	12 327,442	182 875,705	14,835	14,368							
41	54	95 091	11 669,045	170 548,263	14,615	14,149							
42	55	94 692	11 040,402	158 879,218	14,391	13,924							
43	56	94 264	10 442,252	147 838,816	14,158	13,691							
44	57	93 795	9 872,062	137 396,564	13,918	13,451							
45	58	93 281	9 328,197	127 524,502	13,671	13,204							
46	59	92 717	8 809,318	118 196,305	13,417	12,950							
47	60	92 097	8 313,924	109 386,987	13,157	12,690							
48	61	91 411	7 840,394	101 073,063	12,891	12,425							
49	62	90 662	7 388,251	93 232,670	12,619	12,152							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	1 903 822,732	19,115	18,648	50	64	89 235	6 909,227	83 872,266	12,139	11,672
1	15	99 251	94 300,613	1 804 224,944	19,133	18,666	51	65	88 289	6 495,013	76 963,039	11,850	11,383
2	16	99 216	89 564,758	1 709 924,331	19,091	18,625	52	66	87 268	6 099,678	70 468,026	11,553	11,086
3	17	99 190	85 074,960	1 620 359,573	19,046	18,579	53	67	86 158	5 721,708	64 368,348	11,250	10,783
4	18	99 165	80 811,256	1 535 284,612	18,998	18,532	54	68	84 967	5 361,120	58 646,640	10,939	10,472
5	19	99 138	76 759,068	1 454 473,356	18,949	18,482	55	69	83 679	5 016,474	53 285,519	10,622	10,155
6	20	99 113	72 911,617	1 377 714,288	18,896	18,429	56	70	82 242	4 684,422	48 269,045	10,304	9,837
7	21	99 088	69 257,120	1 304 802,671	18,840	18,373	57	71	80 695	4 367,056	43 584,622	9,980	9,514
8	22	99 061	65 784,922	1 235 545,551	18,782	18,315	58	72	79 018	4 062,975	39 217,566	9,652	9,186
9	23	99 037	62 488,243	1 169 760,629	18,720	18,253	59	73	77 236	3 773,234	35 154,591	9,317	8,850
10	24	99 013	59 356,777	1 107 272,386	18,655	18,188	60	74	75 283	3 494,390	31 381,357	8,980	8,514
11	25	98 989	56 382,524	1 047 915,609	18,586	18,119	61	75	73 207	3 228,543	27 886,966	8,638	8,171
12	26	98 963	53 555,978	991 533,085	18,514	18,047	62	76	70 975	2 973,941	24 658,424	8,291	7,825
13	27	98 937	50 870,966	937 977,107	18,438	17,972	63	77	68 587	2 730,539	21 684,483	7,941	7,475
14	28	98 907	48 318,831	887 106,141	18,359	17,893	64	78	66 078	2 499,428	18 953,944	7,583	7,117
15	29	98 871	45 892,032	838 787,310	18,277	17,811	65	79	63 371	2 277,492	16 454,517	7,225	6,758
16	30	98 831	43 585,346	792 895,277	18,192	17,725	66	80	60 476	2 065,026	14 177,024	6,865	6,399
17	31	98 781	41 390,078	749 309,931	18,104	17,637	67	81	57 364	1 861,037	12 111,999	6,508	6,041
18	32	98 723	39 302,344	707 919,853	18,012	17,545	68	82	54 050	1 666,066	10 250,962	6,153	5,686
19	33	98 651	37 314,942	668 617,509	17,918	17,451	69	83	50 498	1 478,932	8 584,895	5,805	5,338
20	34	98 577	35 426,909	631 302,567	17,820	17,353	70	84	46 705	1 299,613	7 105,963	5,468	5,001
21	35	98 499	33 633,036	595 875,658	17,717	17,250	71	85	42 741	1 129,999	5 806,350	5,138	4,672
22	36	98 413	31 927,538	562 242,623	17,610	17,143	72	86	38 604	969,712	4 676,352	4,822	4,356
23	37	98 325	30 307,777	530 315,084	17,498	17,031	73	87	34 384	820,620	3 706,640	4,517	4,050
24	38	98 234	28 769,354	500 007,307	17,380	16,913	74	88	30 084	682,173	2 886,020	4,231	3,764
25	39	98 134	27 306,643	471 237,954	17,257	16,790	75	89	25 843	556,786	2 203,847	3,958	3,491
26	40	98 027	25 916,221	443 931,311	17,129	16,663	76	90	21 744	445,093	1 647,061	3,700	3,234
27	41	97 922	24 597,054	418 015,090	16,995	16,528	77	91	17 850	347,170	1 201,968	3,462	2,995
28	42	97 806	23 342,491	393 418,036	16,854	16,387	78	92	14 289	264,044	854,798	3,237	2,771
29	43	97 682	22 149,995	370 075,545	16,708	16,241	79	93	11 085	194,612	590,754	3,036	2,569
30	44	97 546	21 015,903	347 925,550	16,555	16,089	80	94	8 329	138,943	396,141	2,851	2,384
31	45	97 403	19 938,182	326 909,648	16,396	15,929	81	95	6 060	96,047	257,198	2,678	2,211
32	46	97 242	18 912,409	306 971,466	16,231	15,764	82	96	4 238	63,821	161,152	2,525	2,058
33	47	97 068	17 936,792	288 059,057	16,060	15,593	83	97	2 842	40,668	97,331	2,393	1,927
34	48	96 873	17 008,006	270 122,265	15,882	15,415	84	98	1 846	25,098	56,663	2,258	1,791
35	49	96 659	16 123,770	253 114,260	15,698	15,231	85	99	1 145	14,784	31,565	2,135	1,668
36	50	96 423	15 282,151	236 990,490	15,508	15,041	86	100	675	8,285	16,781	2,026	1,559
37	51	96 160	14 480,286	221 708,338	15,311	14,844							
38	52	95 865	13 715,727	207 228,052	15,109	14,642							
39	53	95 556	12 989,631	193 512,325	14,897	14,431							
40	54	95 209	12 296,888	180 522,693	14,680	14,214							
41	55	94 830	11 636,905	168 225,805	14,456	13,989							
42	56	94 397	11 006,040	156 588,900	14,228	13,761							
43	57	93 945	10 406,941	145 582,860	13,989	13,522							
44	58	93 443	9 834,980	135 175,919	13,744	13,278							
45	59	92 892	9 289,265	125 340,940	13,493	13,026							
46	60	92 287	8 768,492	116 051,675	13,235	12,768							
47	61	91 625	8 271,300	107 283,183	12,971	12,504							
48	62	90 900	7 796,596	99 011,883	12,699	12,233							
49	63	90 107	7 343,021	91 215,287	12,422	11,955							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	1 900 677,399	19,085	18,618	50	65	88 574	6 858,038	81 802,143	11,928	11,461
1	16	99 240	94 289,696	1 801 088,799	19,102	18,635	51	66	87 582	6 442,964	74 944,105	11,632	11,165
2	17	99 203	89 553,308	1 706 799,103	19,059	18,592	52	67	86 504	6 046,259	68 501,141	11,330	10,863
3	18	99 177	85 063,930	1 617 245,795	19,012	18,545	53	68	85 352	5 668,165	62 454,882	11,019	10,552
4	19	99 149	80 798,139	1 532 181,865	18,963	18,496	54	69	84 100	5 306,416	56 786,717	10,702	10,235
5	20	99 122	76 746,452	1 451 383,726	18,911	18,445	55	70	82 712	4 958,553	51 480,302	10,382	9,915
6	21	99 096	72 899,683	1 374 637,274	18,857	18,390	56	71	81 210	4 625,625	46 521,749	10,057	9,591
7	22	99 071	69 245,360	1 301 737,592	18,799	18,332	57	72	79 581	4 306,728	41 896,124	9,728	9,261
8	23	99 044	65 773,885	1 232 492,232	18,738	18,272	58	73	77 837	4 002,242	37 589,396	9,392	8,925
9	24	99 021	62 478,023	1 166 718,347	18,674	18,207	59	74	75 943	3 710,085	33 587,154	9,053	8,586
10	25	98 997	59 347,026	1 104 240,324	18,606	18,140	60	75	73 914	3 430,820	29 877,069	8,708	8,242
11	26	98 970	56 371,563	1 044 893,298	18,536	18,069	61	76	71 734	3 163,584	26 446,249	8,360	7,893
12	27	98 945	53 546,432	988 521,735	18,461	17,994	62	77	69 403	2 908,072	23 282,665	8,006	7,539
13	28	98 916	50 860,296	934 975,303	18,383	17,916	63	78	66 945	2 665,174	20 374,593	7,645	7,178
14	29	98 883	48 307,332	884 115,007	18,302	17,835	64	79	64 280	2 431,424	17 709,419	7,284	6,817
15	30	98 847	45 880,708	835 807,675	18,217	17,750	65	80	61 419	2 207,326	15 277,995	6,921	6,455
16	31	98 803	43 573,021	789 926,967	18,129	17,662	66	81	58 344	1 992,210	13 070,668	6,561	6,094
17	32	98 749	41 376,750	746 353,946	18,038	17,571	67	82	55 045	1 785,823	11 078,459	6,204	5,737
18	33	98 689	39 289,142	704 977,196	17,943	17,477	68	83	51 509	1 587,757	9 292,636	5,853	5,386
19	34	98 617	37 301,873	665 688,054	17,846	17,379	69	84	47 711	1 397,301	7 704,879	5,514	5,047
20	35	98 539	35 413,383	628 386,180	17,744	17,278	70	85	43 726	1 216,713	6 307,577	5,184	4,717
21	36	98 453	33 617,331	592 972,798	17,639	17,172	71	86	39 591	1 046,725	5 090,864	4,864	4,397
22	37	98 366	31 912,314	559 355,467	17,528	17,061	72	87	35 312	887,016	4 044,140	4,559	4,092
23	38	98 275	30 292,473	527 443,153	17,412	16,945	73	88	30 977	739,301	3 157,123	4,270	3,804
24	39	98 179	28 753,412	497 150,680	17,290	16,823	74	89	26 675	604,880	2 417,822	3,997	3,530
25	40	98 070	27 288,876	468 397,267	17,164	16,698	75	90	22 514	485,069	1 812,943	3,737	3,271
26	41	97 965	25 899,813	441 108,392	17,031	16,565	76	91	18 545	379,612	1 327,874	3,498	3,031
27	42	97 850	24 579,026	415 208,579	16,893	16,426	77	92	14 888	289,565	948,262	3,275	2,808
28	43	97 727	23 323,657	390 629,553	16,748	16,281	78	93	11 603	214,418	658,697	3,072	2,605
29	44	97 595	22 130,155	367 305,896	16,598	16,131	79	94	8 763	153,849	444,279	2,888	2,421
30	45	97 454	20 996,025	345 175,741	16,440	15,973	80	95	6 418	107,062	290,430	2,713	2,246
31	46	97 298	19 916,735	324 179,716	16,277	15,810	81	96	4 519	71,627	183,368	2,560	2,093
32	47	97 127	18 890,013	304 262,981	16,107	15,640	82	97	3 054	45,995	111,741	2,429	1,963
33	48	96 941	17 913,485	285 372,968	15,931	15,464	83	98	2 005	28,681	65,747	2,292	1,826
34	49	96 727	16 982,203	267 459,483	15,749	15,283	84	99	1 257	17,091	37,065	2,169	1,702
35	50	96 496	16 096,617	250 477,280	15,561	15,094	85	100	752	9,709	19,974	2,057	1,590
36	51	96 245	15 253,972	234 380,664	15,365	14,898							
37	52	95 960	14 450,218	219 126,691	15,164	14,697							
38	53	95 653	13 685,492	204 676,473	14,956	14,489							
39	54	95 319	12 957,436	190 990,981	14,740	14,273							
40	55	94 947	12 263,019	178 033,546	14,518	14,051							
41	56	94 534	11 600,687	165 770,527	14,290	13,823							
42	57	94 078	10 968,822	154 169,840	14,055	13,588							
43	58	93 592	10 367,849	143 201,018	13,812	13,345							
44	59	93 053	9 793,933	132 833,169	13,563	13,096							
45	60	92 461	9 246,214	123 039,236	13,307	12,840							
46	61	91 814	8 723,537	113 793,022	13,044	12,578							
47	62	91 113	8 225,095	105 069,484	12,774	12,307							
48	63	90 344	7 748,866	96 844,390	12,498	12,031							
49	64	89 498	7 293,381	89 095,524	12,216	11,749							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	1 897 331,915	19,054	18,587	50	66	87 864	6 803,080	79 633,831	11,706	11,239
1	17	99 227	94 277,642	1 797 754,844	19,069	18,602	51	67	86 815	6 386,538	72 830,751	11,404	10,937
2	18	99 190	89 541,698	1 703 477,203	19,024	18,558	52	68	85 694	5 989,678	66 444,213	11,093	10,626
3	19	99 161	85 050,123	1 613 935,505	18,976	18,509	53	69	84 481	5 610,327	60 454,535	10,776	10,309
4	20	99 133	80 784,858	1 528 885,382	18,925	18,459	54	70	83 129	5 245,146	54 844,208	10,456	9,989
5	21	99 105	76 733,890	1 448 100,524	18,872	18,405	55	71	81 674	4 896,314	49 599,062	10,130	9,663
6	22	99 080	72 887,305	1 371 366,635	18,815	18,348	56	72	80 088	4 561,724	44 702,748	9,800	9,333
7	23	99 054	69 233,742	1 298 479,330	18,755	18,288	57	73	78 391	4 242,351	40 141,024	9,462	8,995
8	24	99 028	65 763,127	1 229 245,588	18,692	18,225	58	74	76 534	3 935,260	35 898,672	9,122	8,656
9	25	99 004	62 467,759	1 163 482,461	18,625	18,159	59	75	74 561	3 642,591	31 963,412	8,775	8,308
10	26	98 977	59 335,488	1 101 014,702	18,556	18,089	60	76	72 426	3 361,792	28 320,821	8,424	7,958
11	27	98 952	56 361,515	1 041 679,213	18,482	18,015	61	77	70 146	3 093,515	24 959,029	8,068	7,601
12	28	98 925	53 535,201	985 317,698	18,405	17,938	62	78	67 741	2 838,457	21 865,515	7,703	7,237
13	29	98 892	50 848,192	931 782,497	18,325	17,858	63	79	65 124	2 592,661	19 027,058	7,339	6,872
14	30	98 859	48 295,411	880 934,305	18,241	17,774	64	80	62 300	2 356,516	16 434,396	6,974	6,507
15	31	98 819	45 867,733	832 638,894	18,153	17,686	65	81	59 253	2 129,493	14 077,880	6,611	6,144
16	32	98 771	43 558,990	786 771,161	18,062	17,595	66	82	55 986	1 911,694	11 948,387	6,250	5,783
17	33	98 716	41 362,851	743 212,171	17,968	17,501	67	83	52 458	1 701,885	10 036,694	5,897	5,431
18	34	98 655	39 275,382	701 849,319	17,870	17,403	68	84	48 666	1 500,120	8 334,809	5,556	5,089
19	35	98 579	37 287,632	662 573,937	17,769	17,302	69	85	44 667	1 308,170	6 834,689	5,225	4,758
20	36	98 493	35 396,847	625 286,305	17,665	17,198	70	86	40 503	1 127,049	5 526,519	4,904	4,437
21	37	98 406	33 601,300	589 889,458	17,556	17,089	71	87	36 215	957,462	4 399,470	4,595	4,128
22	38	98 316	31 896,200	556 288,158	17,441	16,974	72	88	31 813	799,118	3 442,008	4,307	3,840
23	39	98 221	30 275,688	524 391,958	17,321	16,854	73	89	27 467	655,535	2 642,890	4,032	3,565
24	40	98 115	28 734,704	494 116,270	17,196	16,729	74	90	23 239	526,967	1 987,355	3,771	3,305
25	41	98 008	27 271,598	465 381,566	17,065	16,598	75	91	19 202	413,707	1 460,388	3,530	3,063
26	42	97 893	25 880,830	438 109,968	16,928	16,461	76	92	15 468	316,624	1 046,681	3,306	2,839
27	43	97 771	24 559,194	412 229,138	16,785	16,318	77	93	12 090	235,142	730,057	3,105	2,638
28	44	97 640	23 302,766	387 669,943	16,636	16,169	78	94	9 173	169,506	494,915	2,920	2,453
29	45	97 502	22 109,223	364 367,177	16,480	16,014	79	95	6 752	118,547	325,408	2,745	2,278
30	46	97 349	20 973,440	342 257,954	16,319	15,852	80	96	4 786	79,841	206,861	2,591	2,124
31	47	97 183	19 893,150	321 284,514	16,151	15,684	81	97	3 257	51,620	127,020	2,461	1,994
32	48	97 001	18 865,468	301 391,364	15,976	15,509	82	98	2 154	32,438	75,400	2,324	1,858
33	49	96 794	17 886,308	282 525,896	15,796	15,329	83	99	1 365	19,531	42,962	2,200	1,733
34	50	96 564	16 953,603	264 639,588	15,610	15,143	84	100	826	11,224	23,430	2,087	1,621
35	51	96 318	16 066,936	247 685,984	15,416	14,949							
36	52	96 045	15 222,297	231 619,048	15,216	14,749							
37	53	95 749	14 418,364	216 396,751	15,008	14,542							
38	54	95 416	13 651,572	201 978,387	14,795	14,328							
39	55	95 057	12 921,747	188 326,815	14,574	14,108							
40	56	94 652	12 224,852	175 405,068	14,348	13,881							
41	57	94 215	11 561,458	163 180,216	14,114	13,647							
42	58	93 725	10 927,620	151 618,758	13,875	13,408							
43	59	93 201	10 324,578	140 691,139	13,627	13,160							
44	60	92 622	9 748,543	130 366,560	13,373	12,906							
45	61	91 987	9 198,811	120 618,017	13,112	12,646							
46	62	91 301	8 674,806	111 419,206	12,844	12,377							
47	63	90 555	8 174,741	102 744,400	12,569	12,102							
48	64	89 733	7 696,482	94 569,659	12,287	11,821							
49	65	88 835	7 239,346	86 873,177	12,000	11,533							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	1 893 778,720	19,021	18,554	50	67	87 094	6 743,500	77 366,752	11,473	11,006
1	18	99 214	94 265,418	1 794 214,380	19,034	18,567	51	68	86 002	6 326,773	70 623,251	11,163	10,696
2	19	99 174	89 527,163	1 699 948,961	18,988	18,521	52	69	84 820	5 928,560	64 296,478	10,845	10,378
3	20	99 145	85 036,143	1 610 421,798	18,938	18,471	53	70	83 506	5 545,549	58 367,919	10,525	10,058
4	21	99 117	80 771,635	1 525 385,655	18,885	18,418	54	71	82 085	5 179,310	52 822,370	10,199	9,732
5	22	99 089	76 720,861	1 444 614,020	18,829	18,363	55	72	80 546	4 828,674	47 643,060	9,867	9,400
6	23	99 063	72 875,076	1 367 893,160	18,770	18,304	56	73	78 891	4 493,536	42 814,386	9,528	9,061
7	24	99 038	69 222,418	1 295 018,084	18,708	18,241	57	74	77 079	4 171,351	38 320,850	9,187	8,720
8	25	99 012	65 752,324	1 225 795,666	18,643	18,176	58	75	75 142	3 863,670	34 149,499	8,839	8,372
9	26	98 985	62 455,615	1 160 043,341	18,574	18,107	59	76	73 061	3 569,302	30 285,829	8,485	8,018
10	27	98 960	59 324,912	1 097 587,727	18,501	18,035	60	77	70 822	3 287,332	26 716,527	8,127	7,660
11	28	98 932	56 349,693	1 038 262,814	18,425	17,959	61	78	68 466	3 019,461	23 429,195	7,759	7,293
12	29	98 901	53 522,460	981 913,121	18,346	17,879	62	79	65 898	2 761,230	20 409,734	7,392	6,925
13	30	98 868	50 835,644	928 390,661	18,263	17,796	63	80	63 117	2 512,786	17 648,504	7,023	6,557
14	31	98 831	48 281,754	877 555,016	18,176	17,709	64	81	60 103	2 273,422	15 135,719	6,658	6,191
15	32	98 787	45 852,964	829 273,262	18,085	17,619	65	82	56 859	2 043,429	12 862,297	6,294	5,828
16	33	98 738	43 544,358	783 420,299	17,991	17,525	66	83	53 354	1 821,840	10 818,868	5,938	5,472
17	34	98 681	41 348,365	739 875,940	17,894	17,427	67	84	49 562	1 607,948	8 997,028	5,595	5,129
18	35	98 617	39 260,387	698 527,575	17,792	17,325	68	85	45 562	1 404,430	7 389,080	5,261	4,794
19	36	98 533	37 270,221	659 267,188	17,689	17,222	69	86	41 376	1 211,766	5 984,650	4,939	4,472
20	37	98 446	35 379,968	621 996,967	17,580	17,114	70	87	37 049	1 030,936	4 772,884	4,630	4,163
21	38	98 356	33 584,334	586 617,000	17,467	17,000	71	88	32 626	862,582	3 741,948	4,338	3,871
22	39	98 262	31 878,526	553 032,666	17,348	16,881	72	89	28 208	708,574	2 879,366	4,064	3,597
23	40	98 157	30 255,989	521 154,139	17,225	16,758	73	90	23 929	571,098	2 170,792	3,801	3,334
24	41	98 053	28 716,511	490 898,150	17,095	16,628	74	91	19 820	449,442	1 599,694	3,559	3,092
25	42	97 937	27 251,610	462 181,639	16,960	16,493	75	92	16 016	345,061	1 150,252	3,333	2,867
26	43	97 814	25 859,948	434 930,029	16,819	16,352	76	93	12 561	257,116	805,191	3,132	2,665
27	44	97 684	24 537,197	409 070,082	16,671	16,205	77	94	9 558	185,890	548,075	2,948	2,482
28	45	97 547	23 280,725	384 532,885	16,517	16,050	78	95	7 068	130,612	362,185	2,773	2,306
29	46	97 397	22 085,441	361 252,159	16,357	15,890	79	96	5 035	88,406	231,573	2,619	2,153
30	47	97 234	20 948,603	339 166,718	16,190	15,724	80	97	3 449	57,540	143,167	2,488	2,021
31	48	97 056	19 867,302	318 218,115	16,017	15,550	81	98	2 297	36,406	85,627	2,352	1,885
32	49	96 854	18 836,847	298 350,813	15,839	15,372	82	99	1 467	22,090	49,221	2,228	1,761
33	50	96 631	17 856,187	279 513,966	15,654	15,187	83	100	897	12,827	27,131	2,115	1,648
34	51	96 386	16 922,343	261 657,780	15,462	14,995							
35	52	96 118	16 033,573	244 735,437	15,264	14,797							
36	53	95 834	15 188,741	228 701,864	15,057	14,591							
37	54	95 512	14 382,627	213 513,123	14,845	14,378							
38	55	95 154	13 613,971	199 130,496	14,627	14,160							
39	56	94 761	12 881,530	185 516,525	14,402	13,935							
40	57	94 331	12 183,512	172 634,995	14,170	13,703							
41	58	93 861	11 518,030	160 451,483	13,930	13,464							
42	59	93 334	10 882,013	148 933,453	13,686	13,219							
43	60	92 770	10 276,730	138 051,440	13,433	12,967							
44	61	92 147	9 698,564	127 774,711	13,175	12,708							
45	62	91 473	9 147,425	118 076,147	12,908	12,441							
46	63	90 742	8 621,700	108 928,722	12,634	12,167							
47	64	89 943	8 119,479	100 307,022	12,354	11,887							
48	65	89 068	7 639,460	92 187,544	12,067	11,600							
49	66	88 123	7 181,332	84 548,083	11,773	11,307							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	1 890 008,713	18,985	18,518	50	68	86 279	6 680,395	75 001,253	11,227	10,760
1	19	99 198	94 250,117	1 790 457,282	18,997	18,530	51	69	85 125	6 262,215	68 320,858	10,910	10,443
2	20	99 158	89 512,448	1 696 207,165	18,949	18,483	52	70	83 841	5 860,107	62 058,643	10,590	10,123
3	21	99 129	85 022,224	1 606 694,717	18,897	18,431	53	71	82 458	5 475,942	56 198,536	10,263	9,796
4	22	99 100	80 757,920	1 521 672,493	18,842	18,376	54	72	80 951	5 107,761	50 722,594	9,930	9,464
5	23	99 072	76 707,988	1 440 914,572	18,784	18,318	55	73	79 342	4 756,495	45 614,833	9,590	9,123
6	24	99 047	72 863,156	1 364 206,584	18,723	18,256	56	74	77 570	4 418,332	40 858,338	9,247	8,781
7	25	99 022	69 211,047	1 291 343,428	18,658	18,191	57	75	75 677	4 095,465	36 440,006	8,898	8,431
8	26	98 993	65 739,541	1 222 132,380	18,591	18,124	58	76	73 630	3 785,933	32 344,541	8,543	8,077
9	27	98 968	62 444,483	1 156 392,839	18,519	18,052	59	77	71 443	3 490,246	28 558,608	8,182	7,716
10	28	98 939	59 312,469	1 093 948,357	18,444	17,977	60	78	69 127	3 208,639	25 068,362	7,813	7,346
11	29	98 908	56 336,283	1 034 635,887	18,365	17,899	61	79	66 604	2 937,309	21 859,723	7,442	6,975
12	30	98 877	53 509,253	978 299,605	18,283	17,816	62	80	63 868	2 676,161	18 922,414	7,071	6,604
13	31	98 840	50 821,269	924 790,352	18,197	17,730	63	81	60 892	2 424,181	16 246,254	6,702	6,235
14	32	98 799	48 266,207	873 969,083	18,107	17,640	64	82	57 674	2 181,541	13 822,073	6,336	5,869
15	33	98 754	45 837,561	825 702,876	18,014	17,547	65	83	54 186	1 947,383	11 640,532	5,978	5,511
16	34	98 704	43 529,108	779 865,315	17,916	17,449	66	84	50 409	1 721,282	9 693,149	5,631	5,165
17	35	98 643	41 332,578	736 336,207	17,815	17,348	67	85	46 401	1 505,380	7 971,867	5,296	4,829
18	36	98 571	39 242,055	695 003,628	17,711	17,244	68	86	42 204	1 300,932	6 466,487	4,971	4,504
19	37	98 486	37 252,448	655 761,573	17,603	17,136	69	87	37 847	1 108,429	5 165,555	4,660	4,193
20	38	98 397	35 362,103	618 509,125	17,491	17,024	70	88	33 378	928,775	4 057,126	4,368	3,901
21	39	98 302	33 565,725	583 147,022	17,373	16,906	71	89	28 930	764,848	3 128,351	4,090	3,623
22	40	98 198	31 857,784	549 581,297	17,251	16,784	72	90	24 575	617,306	2 363,502	3,829	3,362
23	41	98 095	30 236,833	517 723,513	17,122	16,655	73	91	20 409	487,080	1 746,197	3,585	3,118
24	42	97 981	28 695,464	487 486,679	16,988	16,521	74	92	16 532	374,867	1 259,117	3,359	2,892
25	43	97 858	27 229,622	458 791,216	16,849	16,382	75	93	13 006	280,208	884,251	3,156	2,689
26	44	97 727	25 836,785	431 561,594	16,703	16,237	76	94	9 930	203,261	604,042	2,972	2,505
27	45	97 591	24 513,988	405 724,809	16,551	16,084	77	95	7 365	143,236	400,782	2,798	2,331
28	46	97 442	23 255,683	381 210,821	16,392	15,925	78	96	5 271	97,403	257,545	2,644	2,177
29	47	97 282	22 059,288	357 955,138	16,227	15,760	79	97	3 629	63,713	160,142	2,513	2,047
30	48	97 108	20 921,384	335 895,850	16,055	15,588	80	98	2 433	40,581	96,429	2,376	1,909
31	49	96 909	19 837,161	314 974,466	15,878	15,411	81	99	1 564	24,791	55,848	2,253	1,786
32	50	96 690	18 805,124	295 137,306	15,695	15,228	82	100	963	14,507	31,056	2,141	1,674
33	51	96 453	17 823,262	276 332,181	15,504	15,037							
34	52	96 185	16 887,203	258 508,920	15,308	14,841							
35	53	95 906	15 998,228	241 621,716	15,103	14,636							
36	54	95 596	15 151,095	225 623,488	14,892	14,425							
37	55	95 249	14 343,013	210 472,393	14,674	14,207							
38	56	94 857	13 571,600	196 129,380	14,451	13,985							
39	57	94 441	12 837,970	182 557,781	14,220	13,753							
40	58	93 977	12 137,748	169 719,811	13,983	13,516							
41	59	93 469	11 469,958	157 582,063	13,739	13,272							
42	60	92 901	10 831,580	146 112,105	13,489	13,023							
43	61	92 294	10 224,043	135 280,525	13,232	12,765							
44	62	91 632	9 644,386	125 056,482	12,967	12,500							
45	63	90 913	9 091,425	115 412,096	12,695	12,228							
46	64	90 129	8 563,415	106 320,671	12,416	11,949							
47	65	89 277	8 059,323	97 757,256	12,130	11,663							
48	66	88 355	7 578,240	89 697,933	11,836	11,369							
49	67	87 351	7 118,439	82 119,693	11,536	11,069							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	1 886 011,280	18,948	18,481	50	69	85 399	6 612,229	72 536,605	10,970	10,503
1	20	99 182	94 234,625	1 786 476,007	18,958	18,491	51	70	84 142	6 189,909	65 924,377	10,650	10,184
2	21	99 142	89 497,796	1 692 241,382	18,908	18,441	52	71	82 788	5 786,552	59 734,467	10,323	9,856
3	22	99 112	85 007,788	1 602 743,586	18,854	18,387	53	72	81 318	5 400,295	53 947,915	9,990	9,523
4	23	99 083	80 744,371	1 517 735,798	18,797	18,330	54	73	79 741	5 031,411	48 547,621	9,649	9,182
5	24	99 056	76 695,442	1 436 991,427	18,736	18,270	55	74	78 014	4 676,891	43 516,210	9,305	8,838
6	25	99 031	72 851,187	1 360 295,985	18,672	18,205	56	75	76 159	4 337,953	38 839,319	8,953	8,487
7	26	99 002	69 197,592	1 287 444,798	18,605	18,139	57	76	74 154	4 013,065	34 501,366	8,597	8,130
8	27	98 975	65 727,824	1 218 247,206	18,535	18,068	58	77	71 999	3 702,079	30 488,302	8,235	7,769
9	28	98 947	62 431,385	1 152 519,382	18,461	17,994	59	78	69 733	3 406,695	26 786,223	7,863	7,396
10	29	98 915	59 298,353	1 090 087,997	18,383	17,916	60	79	67 246	3 121,340	23 379,528	7,490	7,023
11	30	98 884	56 322,381	1 030 789,644	18,302	17,835	61	80	64 552	2 846,815	20 258,188	7,116	6,649
12	31	98 849	53 494,121	974 467,263	18,216	17,750	62	81	61 616	2 581,795	17 411,373	6,744	6,277
13	32	98 808	50 804,904	920 973,142	18,128	17,661	63	82	58 431	2 326,207	14 829,578	6,375	5,908
14	33	98 766	48 249,994	870 168,238	18,035	17,568	64	83	54 963	2 079,003	12 503,371	6,014	5,547
15	34	98 719	45 821,508	821 918,244	17,937	17,471	65	84	51 195	1 839,895	10 424,368	5,666	5,199
16	35	98 666	43 512,489	776 096,736	17,836	17,369	66	85	47 194	1 611,485	8 584,472	5,327	4,860
17	36	98 597	41 313,279	732 584,247	17,732	17,266	67	86	42 982	1 394,443	6 972,988	5,001	4,534
18	37	98 524	39 223,342	691 270,969	17,624	17,157	68	87	38 605	1 189,991	5 578,545	4,688	4,221
19	38	98 436	37 233,638	652 047,626	17,512	17,046	69	88	34 097	998,589	4 388,554	4,395	3,928
20	39	98 342	35 342,509	614 813,988	17,396	16,929	70	89	29 596	823,541	3 389,965	4,116	3,650
21	40	98 238	33 543,885	579 471,479	17,275	16,808	71	90	25 203	666,331	2 566,423	3,852	3,385
22	41	98 136	31 837,614	545 927,594	17,147	16,680	72	91	20 960	526,489	1 900,092	3,609	3,142
23	42	98 023	30 214,672	514 089,979	17,015	16,548	73	92	17 022	406,260	1 373,603	3,381	2,914
24	43	97 902	28 672,311	483 875,308	16,876	16,409	74	93	13 424	304,412	967,343	3,178	2,711
25	44	97 770	27 205,232	455 202,997	16,732	16,265	75	94	10 282	221,516	662,931	2,993	2,526
26	45	97 634	25 812,347	427 997,765	16,581	16,114	76	95	7 651	156,621	441,415	2,818	2,352
27	46	97 486	24 487,620	402 185,418	16,424	15,957	77	96	5 492	106,818	284,794	2,666	2,199
28	47	97 327	23 228,144	377 697,798	16,260	15,794	78	97	3 799	70,197	177,976	2,535	2,069
29	48	97 156	22 030,625	354 469,654	16,090	15,623	79	98	2 559	44,934	107,779	2,399	1,932
30	49	96 960	20 889,643	332 439,029	15,914	15,447	80	99	1 657	27,635	62,844	2,274	1,807
31	50	96 746	19 803,754	311 549,386	15,732	15,265	81	100	1 027	16,282	35,210	2,163	1,696
32	51	96 512	18 770,450	291 745,632	15,543	15,076							
33	52	96 253	17 786,251	272 975,183	15,348	14,881							
34	53	95 973	16 849,977	255 188,931	15,145	14,678							
35	54	95 668	15 958,576	238 338,954	14,935	14,468							
36	55	95 333	15 109,364	222 380,379	14,718	14,251							
37	56	94 952	14 298,372	207 271,015	14,496	14,029							
38	57	94 537	13 525,706	192 972,643	14,267	13,800							
39	58	94 086	12 789,747	179 446,937	14,031	13,564							
40	59	93 585	12 087,090	166 657,190	13,788	13,321							
41	60	93 036	11 416,801	154 570,100	13,539	13,072							
42	61	92 425	10 776,049	143 153,299	13,284	12,818							
43	62	91 778	10 166,929	132 377,250	13,020	12,554							
44	63	91 071	9 585,344	122 210,321	12,750	12,283							
45	64	90 299	9 029,965	112 624,977	12,472	12,006							
46	65	89 461	8 499,971	103 595,012	12,188	11,721							
47	66	88 561	7 994,738	95 095,041	11,895	11,428							
48	67	87 581	7 511,872	87 100,303	11,595	11,128							
49	68	86 534	7 051,826	79 588,431	11,286	10,819							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	1 881 778,539	18,909	18,442	50	70	84 413	6 535,882	69 973,715	10,706	10,239
1	21	99 166	94 219,201	1 782 259,627	18,916	18,449	51	71	83 086	6 112,215	63 437,833	10,379	9,912
2	22	99 125	89 482,600	1 688 040,426	18,864	18,398	52	72	81 645	5 706,614	57 325,618	10,045	9,579
3	23	99 095	84 993,525	1 598 557,826	18,808	18,341	53	73	80 103	5 319,572	51 619,005	9,704	9,237
4	24	99 067	80 731,164	1 513 564,301	18,748	18,281	54	74	78 407	4 947,205	46 299,433	9,359	8,892
5	25	99 040	76 682,844	1 432 833,136	18,685	18,218	55	75	76 595	4 591,808	41 352,228	9,006	8,539
6	26	99 011	72 837,024	1 356 150,293	18,619	18,152	56	76	74 627	4 250,673	36 760,420	8,648	8,181
7	27	98 985	69 185,258	1 283 313,269	18,549	18,082	57	77	72 512	3 924,180	32 509,747	8,284	7,818
8	28	98 954	65 714,038	1 214 128,011	18,476	18,009	58	78	70 276	3 613,457	28 585,567	7,911	7,444
9	29	98 923	62 416,527	1 148 413,974	18,399	17,932	59	79	67 836	3 314,008	24 972,110	7,535	7,069
10	30	98 891	59 283,721	1 085 997,446	18,319	17,852	60	80	65 174	3 025,176	21 658,102	7,159	6,692
11	31	98 856	56 306,454	1 026 713,726	18,234	17,768	61	81	62 276	2 746,432	18 632,926	6,784	6,318
12	32	98 817	53 476,896	970 407,272	18,146	17,679	62	82	59 126	2 477,451	15 886,494	6,412	5,946
13	33	98 775	50 787,838	916 930,376	18,054	17,587	63	83	55 684	2 216,870	13 409,043	6,049	5,582
14	34	98 731	48 233,096	866 142,538	17,957	17,491	64	84	51 929	1 964,251	11 192,173	5,698	5,231
15	35	98 681	45 804,013	817 909,442	17,857	17,390	65	85	47 930	1 722,532	9 227,922	5,357	4,890
16	36	98 620	43 492,171	772 105,429	17,753	17,286	66	86	43 716	1 492,728	7 505,390	5,028	4,561
17	37	98 550	41 293,578	728 613,258	17,645	17,178	67	87	39 316	1 275,527	6 012,662	4,714	4,247
18	38	98 474	39 203,537	687 319,680	17,532	17,065	68	88	34 780	1 072,069	4 737,134	4,419	3,952
19	39	98 382	37 213,007	648 116,143	17,416	16,950	69	89	30 233	885,445	3 665,066	4,139	3,672
20	40	98 278	35 319,513	610 903,136	17,296	16,830	70	90	25 784	717,464	2 779,621	3,874	3,407
21	41	98 175	33 522,648	575 583,622	17,170	16,703	71	91	21 496	568,302	2 062,156	3,629	3,162
22	42	98 064	31 814,279	542 060,975	17,038	16,571	72	92	17 482	439,130	1 493,854	3,402	2,935
23	43	97 944	30 190,293	510 246,695	16,901	16,434	73	93	13 823	329,905	1 054,724	3,197	2,730
24	44	97 815	28 646,629	480 056,403	16,758	16,291	74	94	10 613	240,650	724,819	3,012	2,545
25	45	97 677	27 179,500	451 409,774	16,608	16,142	75	95	7 922	170,688	484,169	2,837	2,370
26	46	97 529	25 784,582	424 230,273	16,453	15,986	76	96	5 706	116,800	313,481	2,684	2,217
27	47	97 371	24 458,622	398 445,691	16,291	15,824	77	97	3 958	76,982	196,682	2,555	2,088
28	48	97 201	23 197,962	373 987,070	16,122	15,655	78	98	2 679	49,507	119,699	2,418	1,951
29	49	97 008	21 997,202	350 789,108	15,947	15,480	79	99	1 743	30,599	70,192	2,294	1,827
30	50	96 797	20 854,464	328 791,906	15,766	15,299	80	100	1 088	18,149	39,593	2,182	1,715
31	51	96 568	19 767,237	307 937,442	15,578	15,111							
32	52	96 312	18 731,473	288 170,205	15,384	14,917							
33	53	96 041	17 747,043	269 438,732	15,182	14,715							
34	54	95 736	16 808,213	251 691,689	14,974	14,508							
35	55	95 405	15 914,621	234 883,476	14,759	14,292							
36	56	95 036	15 062,338	218 968,855	14,538	14,071							
37	57	94 631	14 250,021	203 906,516	14,309	13,842							
38	58	94 181	13 474,900	189 656,496	14,075	13,608							
39	59	93 693	12 736,368	176 181,596	13,833	13,366							
40	60	93 151	12 031,073	163 445,228	13,585	13,118							
41	61	92 559	11 358,270	151 414,156	13,331	12,864							
42	62	91 908	10 715,852	140 055,886	13,070	12,603							
43	63	91 217	10 104,688	129 340,034	12,800	12,333							
44	64	90 455	9 520,545	119 235,346	12,524	12,057							
45	65	89 630	8 963,064	109 714,801	12,241	11,774							
46	66	88 744	8 431,855	100 751,737	11,949	11,482							
47	67	87 786	7 924,722	92 319,882	11,650	11,183							
48	68	86 761	7 441,576	84 395,160	11,341	10,874							
49	69	85 651	6 979,869	76 953,584	11,025	10,558							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	1 877 299,039	18,867	18,400	50	71	83 353	6 453,845	67 316,890	10,431	9,964
1	22	99 149	94 203,203	1 777 796,416	18,872	18,405	51	72	81 938	6 027,778	60 863,045	10,097	9,630
2	23	99 108	89 467,587	1 683 593,213	18,818	18,351	52	73	80 424	5 621,312	54 835,267	9,755	9,288
3	24	99 079	84 979,624	1 594 125,627	18,759	18,292	53	74	78 762	5 230,543	49 213,955	9,409	8,942
4	25	99 051	80 717,903	1 509 146,003	18,697	18,230	54	75	76 980	4 857,204	43 983,412	9,055	8,588
5	26	99 020	76 667,935	1 428 428,100	18,631	18,165	55	76	75 054	4 499,421	39 126,208	8,696	8,229
6	27	98 994	72 824,041	1 351 760,165	18,562	18,095	56	77	72 974	4 156,526	34 626,787	8,331	7,864
7	28	98 964	69 170,747	1 278 936,124	18,490	18,023	57	78	70 776	3 830,241	30 470,261	7,955	7,488
8	29	98 931	65 698,398	1 209 765,377	18,414	17,947	58	79	68 364	3 515,144	26 640,020	7,579	7,112
9	30	98 899	62 401,125	1 144 066,979	18,334	17,867	59	80	65 746	3 211,908	23 124,876	7,200	6,733
10	31	98 863	59 266,956	1 081 665,854	18,251	17,784	60	81	62 876	2 918,504	19 912,968	6,823	6,356
11	32	98 824	56 288,323	1 022 398,898	18,164	17,697	61	82	59 759	2 635,434	16 994,464	6,448	5,982
12	33	98 784	53 458,932	966 110,575	18,072	17,605	62	83	56 347	2 361,005	14 359,029	6,082	5,615
13	34	98 740	50 770,051	912 651,643	17,976	17,509	63	84	52 611	2 094,508	11 998,024	5,728	5,262
14	35	98 694	48 214,680	861 881,592	17,876	17,409	64	85	48 617	1 838,955	9 903,516	5,385	4,919
15	36	98 635	45 782,626	813 666,911	17,772	17,306	65	86	44 398	1 595,592	8 064,561	5,054	4,587
16	37	98 573	43 471,432	767 884,285	17,664	17,197	66	87	39 988	1 365,431	6 468,969	4,738	4,271
17	38	98 501	41 272,728	724 412,854	17,552	17,085	67	88	35 420	1 149,129	5 103,538	4,441	3,974
18	39	98 420	39 181,814	683 140,126	17,435	16,968	68	89	30 839	950,599	3 954,409	4,160	3,693
19	40	98 318	37 188,794	643 958,312	17,316	16,849	69	90	26 339	771,394	3 003,810	3,894	3,427
20	41	98 216	35 297,152	606 769,517	17,190	16,724	70	91	21 991	611,913	2 232,416	3,648	3,181
21	42	98 103	33 498,077	571 472,366	17,060	16,593	71	92	17 929	474,005	1 620,503	3,419	2,952
22	43	97 985	31 788,610	537 974,288	16,923	16,457	72	93	14 196	356,597	1 146,498	3,215	2,748
23	44	97 856	30 163,251	506 185,679	16,782	16,315	73	94	10 928	260,803	789,900	3,029	2,562
24	45	97 722	28 619,534	476 022,427	16,633	16,166	74	95	8 177	185,431	529,097	2,853	2,387
25	46	97 572	27 150,264	447 402,893	16,479	16,012	75	96	5 908	127,290	343,666	2,700	2,233
26	47	97 414	25 754,048	420 252,629	16,318	15,851	76	97	4 112	84,176	216,376	2,571	2,104
27	48	97 244	24 426,841	394 498,581	16,150	15,683	77	98	2 792	54,292	132,200	2,435	1,968
28	49	97 053	23 162,768	370 071,740	15,977	15,510	78	99	1 824	33,713	77,907	2,311	1,844
29	50	96 845	21 960,157	346 908,972	15,797	15,330	79	100	1 145	20,096	44,194	2,199	1,732
30	51	96 619	20 816,010	324 948,815	15,611	15,144							
31	52	96 367	19 726,191	304 132,804	15,418	14,951							
32	53	96 099	18 690,181	284 406,614	15,217	14,750							
33	54	95 803	17 703,056	265 716,433	15,010	14,543							
34	55	95 472	16 761,918	248 013,378	14,796	14,329							
35	56	95 108	15 865,089	231 251,459	14,576	14,109							
36	57	94 715	15 011,404	215 386,370	14,348	13,881							
37	58	94 276	14 196,494	200 374,967	14,114	13,648							
38	59	93 788	13 418,661	186 178,473	13,875	13,408							
39	60	93 259	12 677,342	172 759,812	13,627	13,161							
40	61	92 674	11 969,392	160 082,470	13,374	12,908							
41	62	92 042	11 294,820	148 113,079	13,113	12,647							
42	63	91 346	10 650,250	136 818,259	12,846	12,380							
43	64	90 600	10 036,379	126 168,008	12,571	12,104							
44	65	89 785	9 450,009	116 131,630	12,289	11,822							
45	66	88 911	8 891,237	106 681,620	11,999	11,532							
46	67	87 967	8 358,010	97 790,384	11,700	11,233							
47	68	86 964	7 850,563	89 432,373	11,392	10,925							
48	69	85 876	7 365,642	81 581,810	11,076	10,609							
49	70	84 662	6 899,277	74 216,168	10,757	10,290							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	1 872 560,491	18,822	18,356	50	72	82 202	6 364,688	64 568,108	10,145	9,678
1	23	99 132	94 187,398	1 773 074,764	18,825	18,358	51	73	80 713	5 937,675	58 203,420	9,802	9,336
2	24	99 092	89 452,953	1 678 887,366	18,768	18,302	52	74	79 078	5 527,233	52 265,744	9,456	8,989
3	25	99 063	84 965,664	1 589 434,413	18,707	18,240	53	75	77 329	5 135,389	46 738,511	9,101	8,634
4	26	99 032	80 702,210	1 504 468,748	18,642	18,175	54	76	75 432	4 759,478	41 603,122	8,741	8,274
5	27	99 003	76 654,270	1 423 766,539	18,574	18,107	55	77	73 391	4 399,764	36 843,645	8,374	7,907
6	28	98 973	72 808,767	1 347 112,269	18,502	18,035	56	78	71 227	4 057,025	32 443,881	7,997	7,530
7	29	98 940	69 154,285	1 274 303,502	18,427	17,960	57	79	68 850	3 726,030	28 386,855	7,619	7,152
8	30	98 906	65 682,186	1 205 149,217	18,348	17,881	58	80	66 257	3 406,848	24 660,825	7,239	6,772
9	31	98 871	62 383,479	1 139 467,031	18,266	17,799	59	81	63 427	3 098,652	21 253,978	6,859	6,392
10	32	98 831	59 247,872	1 077 083,552	18,179	17,712	60	82	60 335	2 800,552	18 155,326	6,483	6,016
11	33	98 791	56 269,415	1 017 835,680	18,089	17,622	61	83	56 950	2 511,563	15 354,774	6,114	5,647
12	34	98 749	53 440,210	961 566,265	17,993	17,527	62	84	53 236	2 230,688	12 843,211	5,758	5,291
13	35	98 703	50 750,667	908 126,056	17,894	17,427	63	85	49 255	1 960,903	10 612,524	5,412	4,945
14	36	98 647	48 192,167	857 375,388	17,791	17,324	64	86	45 034	1 703,436	8 651,621	5,079	4,612
15	37	98 588	45 760,794	809 183,221	17,683	17,216	65	87	40 611	1 459,522	6 948,185	4,761	4,294
16	38	98 523	43 449,481	763 422,427	17,570	17,104	66	88	36 025	1 230,124	5 488,662	4,462	3,995
17	39	98 446	41 249,858	719 972,945	17,454	16,987	67	89	31 407	1 018,928	4 258,538	4,179	3,713
18	40	98 356	39 156,321	678 723,087	17,334	16,867	68	90	26 867	828,156	3 239,610	3,912	3,445
19	41	98 256	37 165,249	639 566,767	17,209	16,742	69	91	22 464	657,909	2 411,454	3,665	3,199
20	42	98 144	35 271,281	602 401,518	17,079	16,612	70	92	18 342	510,379	1 753,545	3,436	2,969
21	43	98 024	33 471,049	567 130,237	16,944	16,477	71	93	14 559	384,918	1 243,166	3,230	2,763
22	44	97 897	31 760,137	533 659,187	16,803	16,336	72	94	11 223	281,905	858,248	3,044	2,578
23	45	97 763	30 134,722	501 899,050	16,655	16,188	73	95	8 420	200,960	576,343	2,868	2,401
24	46	97 617	28 588,749	471 764,329	16,502	16,035	74	96	6 098	138,285	375,383	2,715	2,248
25	47	97 457	27 118,113	443 175,580	16,342	15,876	75	97	4 258	91,736	237,098	2,585	2,118
26	48	97 287	25 720,584	416 057,467	16,176	15,709	76	98	2 900	59,366	145,362	2,449	1,982
27	49	97 097	24 389,783	390 336,883	16,004	15,537	77	99	1 901	36,972	85,996	2,326	1,859
28	50	96 890	23 123,761	365 947,100	15,826	15,359	78	100	1 198	22,141	49,024	2,214	1,747
29	51	96 666	21 919,665	342 823,339	15,640	15,173							
30	52	96 418	20 772,786	320 903,675	15,448	14,981							
31	53	96 155	19 682,706	300 130,889	15,248	14,782							
32	54	95 861	18 643,856	280 448,183	15,042	14,576							
33	55	95 539	17 654,297	261 804,327	14,829	14,363							
34	56	95 175	16 709,749	244 150,031	14,611	14,144							
35	57	94 786	15 811,440	227 440,282	14,385	13,918							
36	58	94 359	14 955,016	211 628,842	14,151	13,684							
37	59	93 882	14 137,243	196 673,826	13,912	13,445							
38	60	93 354	13 356,473	182 536,582	13,667	13,200							
39	61	92 781	12 612,347	169 180,110	13,414	12,947							
40	62	92 156	11 902,528	156 567,762	13,154	12,687							
41	63	91 478	11 225,674	144 665,234	12,887	12,420							
42	64	90 728	10 578,253	133 439,560	12,615	12,148							
43	65	89 929	9 962,021	122 861,307	12,333	11,866							
44	66	89 066	9 374,280	112 899,286	12,044	11,577							
45	67	88 133	8 813,369	103 525,006	11,746	11,280							
46	68	87 144	8 279,797	94 711,637	11,439	10,972							
47	69	86 077	7 770,456	86 431,840	11,123	10,656							
48	70	84 884	7 280,597	78 661,384	10,804	10,337							
49	71	83 599	6 812,679	71 380,787	10,478	10,011							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	1 867 550,732	18,775	18,308	50	73	80 973	6 269,550	61 731,024	9,846	9,379
1	24	99 116	94 171,992	1 768 081,696	18,775	18,308	51	74	79 362	5 838,302	55 461,475	9,500	9,033
2	25	99 076	89 438,259	1 673 909,704	18,716	18,249	52	75	77 640	5 426,681	49 623,173	9,144	8,678
3	26	99 043	84 949,146	1 584 471,445	18,652	18,185	53	76	75 774	5 032,065	44 196,491	8,783	8,316
4	27	99 014	80 687,826	1 499 522,299	18,584	18,117	54	77	73 761	4 654,061	39 164,427	8,415	7,948
5	28	98 982	76 638,192	1 418 834,473	18,513	18,047	55	78	71 635	4 294,441	34 510,366	8,036	7,569
6	29	98 949	72 791,439	1 342 196,281	18,439	17,972	56	79	69 289	3 946,644	30 215,925	7,656	7,189
7	30	98 916	69 137,220	1 269 404,842	18,361	17,894	57	80	66 729	3 611,237	26 269,281	7,274	6,808
8	31	98 878	65 663,612	1 200 267,623	18,279	17,812	58	81	63 921	3 286,717	22 658,044	6,894	6,427
9	32	98 839	62 363,391	1 134 604,010	18,193	17,727	59	82	60 864	2 973,419	19 371,327	6,515	6,048
10	33	98 798	59 227,970	1 072 240,619	18,104	17,637	60	83	57 499	2 668,919	16 397,909	6,144	5,677
11	34	98 756	56 249,708	1 013 012,649	18,009	17,542	61	84	53 806	2 372,935	13 728,989	5,786	5,319
12	35	98 711	53 419,807	956 762,941	17,910	17,443	62	85	49 841	2 088,396	11 356,054	5,438	4,971
13	36	98 657	50 726,970	903 343,135	17,808	17,341	63	86	45 625	1 816,397	9 267,658	5,102	4,635
14	37	98 600	48 169,186	852 616,165	17,700	17,234	64	87	41 194	1 558,169	7 451,261	4,782	4,315
15	38	98 538	45 737,688	804 446,978	17,588	17,121	65	88	36 587	1 314,891	5 893,091	4,482	4,015
16	39	98 469	43 425,406	758 709,290	17,472	17,005	66	89	31 943	1 090,746	4 578,200	4,197	3,731
17	40	98 382	41 223,019	715 283,885	17,352	16,885	67	90	27 361	887,684	3 487,454	3,929	3,462
18	41	98 293	39 131,530	674 060,866	17,226	16,759	68	91	22 914	706,320	2 599,770	3,681	3,214
19	42	98 184	37 138,009	634 929,336	17,096	16,630	69	92	18 737	548,743	1 893,450	3,451	2,984
20	43	98 065	35 242,822	597 791,327	16,962	16,495	70	93	14 894	414,456	1 344,707	3,245	2,778
21	44	97 936	33 441,070	562 548,505	16,822	16,355	71	94	11 510	304,293	930,251	3,057	2,590
22	45	97 804	31 730,097	529 107,435	16,675	16,208	72	95	8 648	217,220	625,958	2,882	2,415
23	46	97 658	30 102,307	497 377,338	16,523	16,056	73	96	6 279	149,865	408,738	2,727	2,261
24	47	97 501	28 554,894	467 275,031	16,364	15,897	74	97	4 395	99,660	258,872	2,598	2,131
25	48	97 330	27 082,877	438 720,137	16,199	15,732	75	98	3 003	64,698	159,212	2,461	1,994
26	49	97 140	25 681,563	411 637,261	16,029	15,562	76	99	1 975	40,427	94,515	2,338	1,871
27	50	96 933	24 348,709	385 955,697	15,851	15,384	77	100	1 248	24,281	54,088	2,228	1,761
28	51	96 711	23 081,123	361 606,989	15,667	15,200							
29	52	96 466	21 874,148	338 525,866	15,476	15,009							
30	53	96 205	20 726,994	316 651,718	15,277	14,810							
31	54	95 916	19 633,921	295 924,724	15,072	14,605							
32	55	95 597	18 592,505	276 290,803	14,860	14,394							
33	56	95 241	17 599,350	257 698,298	14,642	14,176							
34	57	94 853	16 653,243	240 098,948	14,418	13,951							
35	58	94 430	15 752,047	223 445,705	14,185	13,718							
36	59	93 965	14 892,601	207 693,657	13,946	13,479							
37	60	93 447	14 071,725	192 801,057	13,701	13,235							
38	61	92 875	13 287,997	178 729,332	13,450	12,984							
39	62	92 262	12 541,892	165 441,335	13,191	12,724							
40	63	91 592	11 829,662	152 899,443	12,925	12,458							
41	64	90 860	11 149,787	141 069,781	12,652	12,185							
42	65	90 056	10 499,880	129 919,994	12,373	11,907							
43	66	89 208	9 882,189	119 420,114	12,084	11,618							
44	67	88 286	9 292,182	109 537,925	11,788	11,321							
45	68	87 308	8 730,894	100 245,743	11,482	11,015							
46	69	86 255	8 195,310	91 514,848	11,167	10,700							
47	70	85 083	7 680,736	83 319,538	10,848	10,381							
48	71	83 819	7 189,212	75 638,802	10,521	10,054							
49	72	82 444	6 718,566	68 449,590	10,188	9,721							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	1 862 256,164	18,725	18,258	50	74	79 618	6 164,622	58 808,358	9,540	9,073
1	25	99 100	94 156,523	1 762 803,397	18,722	18,255	51	75	77 918	5 732,091	52 643,736	9,184	8,717
2	26	99 057	89 420,871	1 668 646,874	18,661	18,194	52	76	76 078	5 317,497	46 911,645	8,822	8,355
3	27	99 026	84 934,005	1 579 226,003	18,594	18,127	53	77	74 095	4 920,610	41 594,148	8,453	7,986
4	28	98 993	80 670,902	1 494 291,999	18,523	18,057	54	78	71 995	4 542,650	36 673,538	8,073	7,606
5	29	98 958	76 619,953	1 413 621,097	18,450	17,983	55	79	69 686	4 177,600	32 130,888	7,691	7,224
6	30	98 925	72 773,477	1 337 001,144	18,372	17,905	56	80	67 155	3 825,054	27 953,288	7,308	6,841
7	31	98 888	69 117,669	1 264 227,667	18,291	17,824	57	81	64 376	3 483,899	24 128,234	6,926	6,459
8	32	98 847	65 642,468	1 195 109,999	18,206	17,740	58	82	61 338	3 153,883	20 644,335	6,546	6,079
9	33	98 806	62 342,443	1 129 467,530	18,117	17,650	59	83	58 003	2 833,661	17 490,451	6,172	5,706
10	34	98 763	59 207,227	1 067 125,088	18,024	17,557	60	84	54 325	2 521,606	14 656,790	5,812	5,346
11	35	98 718	56 228,232	1 007 917,861	17,925	17,459	61	85	50 374	2 221,570	12 135,184	5,462	4,996
12	36	98 665	53 394,863	951 689,629	17,824	17,357	62	86	46 168	1 934,495	9 913,614	5,125	4,658
13	37	98 610	50 702,780	898 294,766	17,717	17,250	63	87	41 734	1 661,497	7 979,119	4,802	4,336
14	38	98 551	48 144,864	847 591,985	17,605	17,138	64	88	37 111	1 403,763	6 317,622	4,500	4,034
15	39	98 484	45 712,344	799 447,121	17,489	17,022	65	89	32 442	1 165,909	4 913,859	4,215	3,748
16	40	98 404	43 397,151	753 734,777	17,368	16,902	66	90	27 829	950,251	3 747,950	3,944	3,477
17	41	98 320	41 196,920	710 337,626	17,242	16,776	67	91	23 336	757,090	2 797,699	3,695	3,229
18	42	98 221	39 102,849	669 140,706	17,112	16,646	68	92	19 112	589,122	2 040,609	3,464	2,997
19	43	98 104	37 108,044	630 037,857	16,978	16,512	69	93	15 215	445,609	1 451,487	3,257	2,791
20	44	97 977	35 211,255	592 929,813	16,839	16,372	70	94	11 775	327,644	1 005,877	3,070	2,603
21	45	97 844	33 409,439	557 718,558	16,693	16,227	71	95	8 869	234,471	678,233	2,893	2,426
22	46	97 699	31 695,966	524 309,119	16,542	16,075	72	96	6 449	161,991	443,762	2,739	2,273
23	47	97 542	30 066,660	492 613,153	16,384	15,917	73	97	4 525	108,006	281,771	2,609	2,142
24	48	97 375	28 517,791	462 546,493	16,220	15,753	74	98	3 100	70,286	173,765	2,472	2,005
25	49	97 182	27 041,789	434 028,702	16,050	15,584	75	99	2 045	44,058	103,479	2,349	1,882
26	50	96 976	25 638,314	406 986,913	15,874	15,407	76	100	1 297	26,550	59,421	2,238	1,771
27	51	96 755	24 303,812	381 348,599	15,691	15,224							
28	52	96 510	23 033,195	357 044,787	15,501	15,035							
29	53	96 253	21 825,929	334 011,592	15,303	14,837							
30	54	95 967	20 675,620	312 185,664	15,099	14,632							
31	55	95 652	19 579,844	291 510,043	14,888	14,421							
32	56	95 300	18 534,638	271 930,200	14,671	14,205							
33	57	94 919	17 539,836	253 395,561	14,447	13,980							
34	58	94 497	16 590,689	235 855,726	14,216	13,749							
35	59	94 036	15 686,305	219 265,036	13,978	13,511							
36	60	93 530	14 823,581	203 578,731	13,733	13,267							
37	61	92 968	13 999,582	188 755,150	13,483	13,016							
38	62	92 356	13 213,767	174 755,568	13,225	12,758							
39	63	91 698	12 465,112	161 541,801	12,960	12,493							
40	64	90 973	11 749,691	149 076,689	12,688	12,221							
41	65	90 187	11 067,180	137 326,997	12,408	11,942							
42	66	89 334	10 415,738	126 259,817	12,122	11,655							
43	67	88 427	9 795,643	115 844,080	11,826	11,359							
44	68	87 460	9 205,227	106 048,437	11,520	11,054							
45	69	86 417	8 641,805	96 843,210	11,206	10,740							
46	70	85 259	8 100,684	88 201,406	10,888	10,421							
47	71	84 015	7 584,329	80 100,721	10,561	10,095							
48	72	82 661	7 089,897	72 516,392	10,228	9,761							
49	73	81 212	6 618,137	65 426,495	9,886	9,419							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	1 856 662,298	18,672	18,205	50	75	78 170	6 052,475	55 807,054	9,221	8,754
1	26	99 080	94 138,217	1 757 225,868	18,666	18,200	51	76	76 351	5 616,762	49 754,580	8,858	8,391
2	27	99 039	89 404,933	1 663 087,651	18,602	18,135	52	77	74 393	5 199,720	44 137,818	8,488	8,022
3	28	99 005	84 916,190	1 573 682,718	18,532	18,065	53	78	72 322	4 802,819	38 938,098	8,107	7,641
4	29	98 970	80 651,703	1 488 766,528	18,459	17,992	54	79	70 036	4 419,056	34 135,279	7,725	7,258
5	30	98 934	76 601,046	1 408 114,826	18,382	17,916	55	80	67 539	4 048,894	29 716,224	7,339	6,873
6	31	98 897	72 752,897	1 331 513,780	18,302	17,835	56	81	64 787	3 690,177	25 667,329	6,956	6,489
7	32	98 856	69 095,413	1 258 760,883	18,218	17,751	57	82	61 774	3 343,097	21 977,152	6,574	6,107
8	33	98 813	65 620,418	1 189 665,470	18,130	17,663	58	83	58 455	3 005,644	18 634,056	6,200	5,733
9	34	98 771	62 320,609	1 124 045,052	18,036	17,570	59	84	54 802	2 677,255	15 628,412	5,837	5,371
10	35	98 726	59 184,622	1 061 724,443	17,939	17,472	60	85	50 860	2 360,758	12 951,157	5,486	5,019
11	36	98 672	56 201,977	1 002 539,821	17,838	17,371	61	86	46 662	2 057,854	10 590,399	5,146	4,680
12	37	98 618	53 369,401	946 337,844	17,732	17,265	62	87	42 231	1 769,524	8 532,545	4,822	4,355
13	38	98 560	50 677,179	892 968,443	17,621	17,154	63	88	37 599	1 496,852	6 763,021	4,518	4,051
14	39	98 496	48 118,187	842 291,264	17,505	17,038	64	89	32 907	1 244,711	5 266,169	4,231	3,764
15	40	98 420	45 682,602	794 173,077	17,385	16,918	65	90	28 263	1 015,733	4 021,458	3,959	3,492
16	41	98 342	43 369,675	748 490,475	17,258	16,792	66	91	23 735	810,453	3 005,726	3,709	3,242
17	42	98 248	41 166,725	705 120,800	17,128	16,662	67	92	19 464	631,468	2 195,273	3,476	3,010
18	43	98 142	39 071,298	663 954,075	16,993	16,527	68	93	15 520	478,399	1 563,805	3,269	2,802
19	44	98 016	37 074,807	624 882,777	16,855	16,388	69	94	12 028	352,273	1 085,407	3,081	2,614
20	45	97 884	35 177,951	587 807,970	16,710	16,243	70	95	9 073	252,464	733,134	2,904	2,437
21	46	97 739	33 373,502	552 630,019	16,559	16,092	71	96	6 614	174,856	480,670	2,749	2,282
22	47	97 583	31 658,432	519 256,517	16,402	15,935	72	97	4 648	116,745	305,814	2,620	2,153
23	48	97 416	30 027,592	487 598,086	16,238	15,772	73	98	3 192	76,172	189,069	2,482	2,015
24	49	97 227	28 474,526	457 570,493	16,069	15,603	74	99	2 111	47,863	112,897	2,359	1,892
25	50	97 019	26 996,249	429 095,967	15,895	15,428	75	100	1 343	28,935	65,033	2,248	1,781
26	51	96 797	25 591,039	402 099,718	15,713	15,246							
27	52	96 554	24 253,345	376 508,679	15,524	15,057							
28	53	96 297	22 982,420	352 255,334	15,327	14,860							
29	54	96 014	21 771,831	329 272,914	15,124	14,657							
30	55	95 703	20 618,674	307 501,083	14,914	14,447							
31	56	95 354	19 518,904	286 882,409	14,698	14,231							
32	57	94 977	18 471,962	267 363,505	14,474	14,007							
33	58	94 563	17 473,951	248 891,543	14,244	13,777							
34	59	94 102	16 521,447	231 417,592	14,007	13,540							
35	60	93 600	15 613,607	214 896,145	13,763	13,297							
36	61	93 050	14 747,584	199 282,538	13,513	13,046							
37	62	92 449	13 921,378	184 534,954	13,256	12,789							
38	63	91 791	13 132,874	170 613,577	12,991	12,525							
39	64	91 078	12 380,846	157 480,703	12,720	12,253							
40	65	90 299	11 662,640	145 099,857	12,441	11,975							
41	66	89 464	10 978,491	133 437,217	12,154	11,688							
42	67	88 552	10 324,519	122 458,726	11,861	11,394							
43	68	87 599	9 703,976	112 134,207	11,555	11,089							
44	69	86 567	9 111,297	102 430,231	11,242	10,775							
45	70	85 419	8 542,024	93 318,934	10,925	10,458							
46	71	84 189	7 999,006	84 776,910	10,598	10,132							
47	72	82 854	7 479,556	76 777,904	10,265	9,798							
48	73	81 425	6 983,918	69 298,348	9,923	9,456							
49	74	79 853	6 507,376	62 314,430	9,576	9,109							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	7 305,849	103 981,238	14,233	13,766
1	0	99 661	94 690,168	1 833 094,881	19,359	18,892	51	50	93 896	6 907,467	96 675,388	13,996	13,529
2	1	99 349	89 685,053	1 738 404,712	19,383	18,917	52	51	93 387	6 527,374	89 767,921	13,753	13,286
3	2	99 314	85 181,168	1 648 719,659	19,355	18,889	53	52	92 821	6 164,172	83 240,547	13,504	13,037
4	3	99 289	80 911,999	1 563 538,492	19,324	18,857	54	53	92 198	5 817,407	77 076,375	13,249	12,782
5	4	99 268	76 859,573	1 482 626,493	19,290	18,823	55	54	91 509	5 485,914	71 258,968	12,989	12,523
6	5	99 250	73 012,364	1 405 766,920	19,254	18,787	56	55	90 738	5 168,354	65 773,054	12,726	12,259
7	6	99 234	69 359,458	1 332 754,556	19,215	18,748	57	56	89 883	4 864,261	60 604,700	12,459	11,992
8	7	99 217	65 888,507	1 263 395,098	19,175	18,708	58	57	88 946	4 573,435	55 740,438	12,188	11,721
9	8	99 205	62 594,158	1 197 506,591	19,131	18,664	59	58	87 927	4 295,548	51 167,003	11,912	11,445
10	9	99 190	59 462,825	1 134 912,433	19,086	18,619	60	59	86 799	4 028,930	46 871,456	11,634	11,167
11	10	99 177	56 489,536	1 075 449,608	19,038	18,571	61	60	85 572	3 773,818	42 842,525	11,353	10,886
12	11	99 165	53 665,075	1 018 960,073	18,987	18,521	62	61	84 231	3 529,406	39 068,708	11,069	10,603
13	12	99 148	50 979,760	965 294,998	18,935	18,468	63	62	82 776	3 295,429	35 539,302	10,784	10,318
14	13	99 133	48 429,265	914 315,238	18,879	18,413	64	63	81 204	3 071,568	32 243,873	10,498	10,031
15	14	99 113	46 004,232	865 885,973	18,822	18,355	65	64	79 515	2 857,658	29 172,306	10,208	9,742
16	15	99 088	43 698,659	819 881,741	18,762	18,295	66	65	77 714	2 653,625	26 314,647	9,916	9,450
17	16	99 054	41 504,616	776 183,081	18,701	18,234	67	66	75 796	2 459,038	23 661,022	9,622	9,155
18	17	99 015	39 418,760	734 678,465	18,638	18,171	68	67	73 774	2 274,045	21 201,984	9,323	8,857
19	18	98 964	37 433,193	695 259,704	18,573	18,107	69	68	71 648	2 098,360	18 927,939	9,020	8,554
20	19	98 908	35 545,857	657 826,511	18,506	18,040	70	69	69 422	1 931,744	16 829,579	8,712	8,245
21	20	98 851	33 753,301	622 280,655	18,436	17,969	71	70	67 076	1 773,355	14 897,835	8,401	7,934
22	21	98 795	32 051,426	588 527,354	18,362	17,895	72	71	64 582	1 622,259	13 124,481	8,090	7,623
23	22	98 737	30 434,726	556 475,928	18,284	17,817	73	72	62 016	1 480,094	11 502,222	7,771	7,304
24	23	98 678	28 899,605	526 041,201	18,202	17,736	74	73	59 328	1 345,307	10 022,128	7,450	6,983
25	24	98 617	27 440,990	497 141,597	18,117	17,650	75	74	56 516	1 217,618	8 676,821	7,126	6,659
26	25	98 557	26 056,403	469 700,607	18,026	17,560	76	75	53 588	1 096,946	7 459,203	6,800	6,333
27	26	98 495	24 740,957	443 644,204	17,932	17,465	77	76	50 543	983,016	6 362,257	6,472	6,005
28	27	98 433	23 492,088	418 903,246	17,832	17,365	78	77	47 434	876,524	5 379,241	6,137	5,670
29	28	98 367	22 305,270	395 411,159	17,727	17,260	79	78	44 228	776,514	4 502,717	5,799	5,332
30	29	98 295	21 177,160	373 105,889	17,618	17,152	80	79	40 896	682,201	3 726,202	5,462	4,995
31	30	98 219	20 105,228	351 928,729	17,504	17,038	81	80	37 425	593,158	3 044,002	5,132	4,665
32	31	98 135	19 085,998	331 823,501	17,386	16,919	82	81	33 859	509,880	2 450,844	4,807	4,340
33	32	98 043	18 117,051	312 737,503	17,262	16,795	83	82	30 236	432,605	1 940,964	4,487	4,020
34	33	97 941	17 195,504	294 620,451	17,134	16,667	84	83	26 539	360,762	1 508,359	4,181	3,714
35	34	97 838	16 320,572	277 424,947	16,998	16,532	85	84	22 828	294,838	1 147,597	3,892	3,426
36	35	97 727	15 488,858	261 104,376	16,858	16,391	86	85	19 194	235,535	852,759	3,621	3,154
37	36	97 595	14 696,393	245 615,517	16,713	16,246	87	86	15 740	183,524	617,224	3,363	2,896
38	37	97 451	13 942,738	230 919,124	16,562	16,095	88	87	12 540	138,919	433,700	3,122	2,655
39	38	97 303	13 227,115	216 976,386	16,404	15,937	89	88	9 640	101,462	294,782	2,905	2,439
40	39	97 137	12 545,864	203 749,271	16,240	15,774	90	89	7 136	71,358	193,320	2,709	2,242
41	40	96 954	11 897,563	191 203,406	16,071	15,604	91	90	5 077	48,234	121,961	2,529	2,062
42	41	96 752	11 280,552	179 305,844	15,895	15,428	92	91	3 461	31,242	73,727	2,360	1,893
43	42	96 544	10 694,858	168 025,292	15,711	15,244	93	92	2 240	19,214	42,485	2,211	1,744
44	43	96 312	10 136,995	157 330,434	15,520	15,054	94	93	1 374	11,193	23,271	2,079	1,612
45	44	96 059	9 606,038	147 193,439	15,323	14,856	95	94	793	6,138	12,078	1,968	1,501
46	45	95 788	9 101,108	137 587,400	15,118	14,651	96	95	433	3,187	5,940	1,864	1,397
47	46	95 488	8 620,015	128 486,292	14,906	14,439	97	96	221	1,548	2,753	1,779	1,312
48	47	95 152	8 161,266	119 866,277	14,687	14,220	98	97	106	0,707	1,206	1,706	1,239
49	48	94 779	7 723,773	111 705,011	14,462	13,996	99	98	49	0,307	0,499	1,625	1,158
							100	99	21	0,123	0,192	1,560	1,093

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	7 316,950	104 704,399	14,310	13,843
1							51	49	94 054	6 919,119	97 387,449	14,075	13,608
2	0	99 637	89 945,163	1 739 676,074	19,342	18,875	52	50	93 560	6 539,432	90 468,329	13,834	13,367
3	1	99 336	85 200,117	1 649 730,911	19,363	18,896	53	51	93 014	6 176,999	83 928,897	13,587	13,121
4	2	99 302	80 922,632	1 564 530,794	19,334	18,867	54	52	92 402	5 830,259	77 751,898	13,336	12,869
5	3	99 278	76 867,237	1 483 608,162	19,301	18,834	55	53	91 737	5 499,545	71 921,639	13,078	12,611
6	4	99 259	73 019,086	1 406 740,925	19,265	18,799	56	54	90 989	5 182,629	66 422,094	12,816	12,349
7	5	99 241	69 364,171	1 333 721,840	19,228	18,761	57	55	90 163	4 879,448	61 239,465	12,550	12,084
8	6	99 224	65 893,318	1 264 357,669	19,188	18,721	58	56	89 247	4 588,953	56 360,017	12,282	11,815
9	7	99 210	62 597,139	1 198 464,350	19,146	18,679	59	57	88 259	4 311,744	51 771,064	12,007	11,540
10	8	99 197	59 467,110	1 135 867,211	19,101	18,634	60	58	87 163	4 045,816	47 459,320	11,730	11,264
11	9	99 182	56 492,538	1 076 400,101	19,054	18,587	61	59	85 970	3 791,389	43 413,505	11,451	10,984
12	10	99 170	53 668,059	1 019 907,563	19,004	18,537	62	60	84 665	3 547,593	39 622,116	11,169	10,702
13	11	99 156	50 983,681	966 239,504	18,952	18,485	63	61	83 241	3 313,941	36 074,523	10,886	10,419
14	12	99 139	48 432,326	915 255,823	18,898	18,431	64	62	81 704	3 090,487	32 760,581	10,600	10,134
15	13	99 121	46 007,869	866 823,498	18,841	18,374	65	63	80 056	2 877,108	29 670,094	10,312	9,846
16	14	99 097	43 702,691	820 815,629	18,782	18,315	66	64	78 294	2 673,432	26 792,986	10,022	9,555
17	15	99 066	41 509,422	777 112,938	18,721	18,255	67	65	76 408	2 478,903	24 119,554	9,730	9,263
18	16	99 028	39 423,800	735 603,516	18,659	18,192	68	66	74 426	2 294,136	21 640,650	9,433	8,966
19	17	98 977	37 438,047	696 179,715	18,596	18,129	69	67	72 325	2 118,181	19 346,514	9,134	8,667
20	18	98 924	35 551,627	658 741,668	18,529	18,062	70	68	70 138	1 951,658	17 228,332	8,828	8,361
21	19	98 867	33 758,849	623 190,041	18,460	17,993	71	69	67 859	1 794,070	15 276,674	8,515	8,048
22	20	98 811	32 056,674	589 431,192	18,387	17,920	72	70	65 403	1 642,880	13 482,604	8,207	7,740
23	21	98 753	30 439,895	557 374,518	18,311	17,844	73	71	62 885	1 500,827	11 839,724	7,889	7,422
24	22	98 695	28 904,454	526 934,623	18,230	17,763	74	72	60 228	1 365,722	10 338,897	7,570	7,103
25	23	98 633	27 445,479	498 030,169	18,146	17,679	75	73	57 478	1 238,343	8 973,175	7,246	6,779
26	24	98 574	26 060,684	470 584,690	18,057	17,590	76	74	54 581	1 117,271	7 734,832	6,923	6,456
27	25	98 514	24 745,768	444 524,006	17,964	17,497	77	75	51 581	1 003,200	6 617,561	6,596	6,130
28	26	98 451	23 496,276	419 778,238	17,866	17,399	78	76	48 508	896,378	5 614,361	6,263	5,797
29	27	98 387	22 309,950	396 281,962	17,763	17,296	79	77	45 313	795,559	4 717,983	5,930	5,464
30	28	98 318	21 182,201	373 972,013	17,655	17,188	80	78	42 040	701,281	3 922,424	5,593	5,126
31	29	98 243	20 110,191	352 789,812	17,543	17,076	81	79	38 615	612,013	3 221,143	5,263	4,796
32	30	98 162	19 091,397	332 679,621	17,426	16,959	82	80	35 097	528,516	2 609,130	4,937	4,470
33	31	98 075	18 122,887	313 588,224	17,303	16,837	83	81	31 510	450,825	2 080,614	4,615	4,148
34	32	97 974	17 201,282	295 465,337	17,177	16,710	84	82	27 848	378,555	1 629,789	4,305	3,838
35	33	97 873	16 326,290	278 264,055	17,044	16,577	85	83	24 161	312,062	1 251,234	4,010	3,543
36	34	97 764	15 494,774	261 937,766	16,905	16,438	86	84	20 501	251,583	939,171	3,733	3,266
37	35	97 641	14 703,259	246 442,991	16,761	16,294	87	85	16 993	198,124	687,589	3,470	3,004
38	36	97 498	13 949,390	231 739,733	16,613	16,146	88	86	13 709	151,870	489,464	3,223	2,756
39	37	97 352	13 233,797	217 790,343	16,457	15,990	89	87	10 700	112,622	337,594	2,998	2,531
40	38	97 191	12 552,820	204 556,545	16,296	15,829	90	88	8 047	80,477	224,972	2,795	2,329
41	39	97 017	11 905,309	192 003,726	16,128	15,661	91	89	5 827	55,365	144,495	2,610	2,143
42	40	96 813	11 287,698	180 098,417	15,955	15,488	92	90	4 058	36,631	89,130	2,433	1,966
43	41	96 615	10 702,702	168 810,718	15,773	15,306	93	91	2 686	23,036	52,499	2,279	1,812
44	42	96 390	10 145,181	158 108,016	15,585	15,118	94	92	1 691	13,784	29,462	2,137	1,671
45	43	96 145	9 614,650	147 962,835	15,389	14,923	95	93	1 003	7,765	15,679	2,019	1,552
46	44	95 879	9 109,725	138 348,185	15,187	14,720	96	94	562	4,135	7,914	1,914	1,447
47	45	95 590	8 629,297	129 238,460	14,977	14,510	97	95	297	2,075	3,779	1,821	1,354
48	46	95 265	8 170,942	120 609,163	14,761	14,294	98	96	148	0,981	1,703	1,737	1,270
49	47	94 902	7 733,822	112 438,221	14,539	14,072	99	97	69	0,435	0,723	1,660	1,193
							100	98	30	0,181	0,287	1,591	1,124

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	7 326,470	105 369,297	14,382	13,915
1							51	48	94 197	6 929,632	98 042,827	14,148	13,682
2							52	49	93 718	6 550,464	91 113,195	13,909	13,443
3	0	99 624	85 447,219	1 650 906,875	19,321	18,854	53	50	93 186	6 188,410	84 562,731	13,665	13,198
4	1	99 324	80 940,634	1 565 459,655	19,341	18,874	54	51	92 594	5 842,391	78 374,321	13,415	12,948
5	2	99 291	76 877,338	1 484 519,021	19,310	18,843	55	52	91 939	5 511,695	72 531,930	13,160	12,693
6	3	99 269	73 026,366	1 407 641,683	19,276	18,809	56	53	91 215	5 195,506	67 020,235	12,900	12,433
7	4	99 250	69 370,557	1 334 615,316	19,239	18,772	57	54	90 412	4 892,925	61 824,729	12,636	12,169
8	5	99 231	65 897,796	1 265 244,759	19,200	18,733	58	55	89 526	4 603,280	56 931,805	12,368	11,901
9	6	99 217	62 601,710	1 199 346,964	19,158	18,692	59	56	88 558	4 326,374	52 328,524	12,095	11,628
10	7	99 202	59 469,943	1 136 745,254	19,115	18,648	60	57	87 492	4 061,070	48 002,150	11,820	11,353
11	8	99 189	56 496,610	1 077 275,311	19,068	18,601	61	58	86 330	3 807,279	43 941,080	11,541	11,075
12	9	99 175	53 706,911	1 020 778,701	19,019	18,552	62	59	85 059	3 564,111	40 133,802	11,261	10,794
13	10	99 161	50 986,515	967 107,790	18,968	18,501	63	60	83 670	3 331,019	36 569,691	10,979	10,512
14	11	99 147	48 436,050	916 121,274	18,914	18,447	64	61	82 163	3 107,848	33 238,672	10,695	10,228
15	12	99 127	46 010,776	867 685,224	18,858	18,392	65	62	80 549	2 894,830	30 130,823	10,408	9,942
16	13	99 105	43 706,145	821 674,447	18,800	18,333	66	63	78 827	2 691,628	27 235,993	10,119	9,652
17	14	99 075	41 513,252	777 968,302	18,740	18,273	67	64	76 979	2 497,406	24 544,365	9,828	9,361
18	15	99 039	39 428,365	736 455,050	18,678	18,212	68	65	75 027	2 312,669	22 046,959	9,533	9,066
19	16	98 989	37 442,834	697 026,685	18,616	18,149	69	66	72 964	2 136,896	19 734,290	9,235	8,768
20	17	98 937	35 556,237	659 583,852	18,550	18,084	70	67	70 800	1 970,094	17 597,394	8,932	8,465
21	18	98 883	33 764,330	624 027,614	18,482	18,015	71	68	68 559	1 812,565	15 627,299	8,622	8,155
22	19	98 827	32 061,943	590 263,284	18,410	17,943	72	69	66 167	1 662,071	13 814,734	8,312	7,845
23	20	98 769	30 444,878	558 201,341	18,335	17,868	73	70	63 684	1 519,904	12 152,664	7,996	7,529
24	21	98 712	28 909,363	527 756,462	18,256	17,789	74	71	61 072	1 384,853	10 632,759	7,678	7,211
25	22	98 650	27 450,085	498 847,099	18,173	17,706	75	72	58 350	1 257,134	9 247,906	7,356	6,890
26	23	98 590	26 064,947	471 397,015	18,085	17,619	76	73	55 510	1 136,288	7 990,772	7,032	6,566
27	24	98 530	24 749,834	445 332,068	17,993	17,527	77	74	52 537	1 021,789	6 854,483	6,708	6,242
28	25	98 470	23 500,845	420 582,234	17,896	17,430	78	75	49 504	914,783	5 832,694	6,376	5,909
29	26	98 405	22 313,927	397 081,390	17,795	17,328	79	76	46 339	813,579	4 917,911	6,045	5,578
30	27	98 339	21 186,644	374 767,463	17,689	17,222	80	77	43 071	718,480	4 104,332	5,713	5,246
31	28	98 266	20 114,978	353 580,818	17,578	17,111	81	78	39 695	629,130	3 385,853	5,382	4,915
32	29	98 187	19 096,109	333 465,840	17,463	16,996	82	79	36 213	545,316	2 756,722	5,055	4,588
33	30	98 102	18 128,013	314 369,731	17,342	16,875	83	80	32 661	467,303	2 211,406	4,732	4,265
34	31	98 006	17 206,823	296 241,718	17,217	16,750	84	81	29 020	394,499	1 744,103	4,421	3,954
35	32	97 905	16 331,776	279 034,895	17,085	16,619	85	82	25 353	327,453	1 349,604	4,122	3,655
36	33	97 799	15 500,203	262 703,119	16,948	16,482	86	83	21 699	266,280	1 022,151	3,839	3,372
37	34	97 678	14 708,875	247 202,917	16,806	16,340	87	84	18 150	211,623	755,870	3,572	3,105
38	35	97 543	13 955,907	232 494,042	16,659	16,192	88	85	14 800	163,952	544,247	3,320	2,853
39	36	97 399	13 240,111	218 538,135	16,506	16,039	89	86	11 698	123,122	380,295	3,089	2,622
40	37	97 240	12 559,161	205 298,025	16,346	15,880	90	87	8 933	89,329	257,173	2,879	2,412
41	38	97 071	11 911,909	192 738,863	16,180	15,714	91	88	6 572	62,440	167,844	2,688	2,221
42	39	96 876	11 295,047	180 826,954	16,009	15,543	92	89	4 658	42,047	105,404	2,507	2,040
43	40	96 676	10 709,483	169 531,907	15,830	15,363	93	90	3 149	27,010	63,357	2,346	1,879
44	41	96 461	10 152,622	158 822,424	15,643	15,177	94	91	2 028	16,526	36,347	2,199	1,733
45	42	96 223	9 622,414	148 669,802	15,450	14,984	95	92	1 235	9,562	19,821	2,073	1,606
46	43	95 965	9 117,892	139 047,387	15,250	14,783	96	93	711	5,231	10,259	1,961	1,494
47	44	95 681	8 637,467	129 929,496	15,043	14,576	97	94	385	2,693	5,028	1,867	1,400
48	45	95 368	8 179,741	121 292,029	14,828	14,362	98	95	198	1,315	2,335	1,775	1,308
49	46	95 015	7 742,991	113 112,288	14,608	14,142	99	96	96	0,604	1,020	1,689	1,222
							100	97	43	0,256	0,416	1,624	1,157

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	7 335,156	105 979,881	14,448	13,981
1							51	47	94 320	6 938,648	98 644,725	14,217	13,750
2							52	48	93 860	6 560,417	91 706,077	13,979	13,512
3							53	49	93 343	6 198,849	85 145,660	13,736	13,269
4	0	99 612	81 175,383	1 566 546,881	19,298	18,832	54	50	92 765	5 853,183	78 946,811	13,488	13,021
5	1	99 313	76 894,441	1 485 371,498	19,317	18,850	55	51	92 131	5 523,164	73 093,628	13,234	12,767
6	2	99 282	73 035,964	1 408 477,057	19,285	18,818	56	52	91 416	5 206,985	67 570,464	12,977	12,510
7	3	99 260	69 377,474	1 335 441,093	19,249	18,782	57	53	90 637	4 905,082	62 363,479	12,714	12,247
8	4	99 240	65 903,862	1 266 063,620	19,211	18,744	58	54	89 773	4 615,994	57 648,397	12,448	11,981
9	5	99 224	62 605,964	1 200 159,757	19,170	18,703	59	55	88 835	4 339,881	52 842,403	12,176	11,709
10	6	99 209	59 474,285	1 137 553,794	19,127	18,660	60	56	87 789	4 074,850	48 502,522	11,903	11,436
11	7	99 194	56 499,301	1 078 079,508	19,081	18,614	61	57	86 656	3 821,634	44 427,672	11,625	11,159
12	8	99 183	53 674,779	1 021 580,207	19,033	18,566	62	58	85 416	3 579,048	40 606,038	11,345	10,879
13	9	99 167	50 989,225	967 905,428	18,983	18,516	63	59	84 060	3 346,528	37 026,990	11,064	10,598
14	10	99 152	48 438,743	916 916,202	18,929	18,463	64	60	82 586	3 123,864	33 680,461	10,782	10,315
15	11	99 134	46 014,315	868 477,459	18,874	18,407	65	61	81 001	2 911,092	30 556,598	10,497	10,030
16	12	99 111	43 708,908	822 463,144	18,817	18,350	66	62	79 312	2 708,208	27 645,506	10,208	9,741
17	13	99 082	41 516,533	778 754,236	18,758	18,291	67	63	77 503	2 514,404	24 937,298	9,918	9,451
18	14	99 048	39 432,003	737 237,703	18,696	18,230	68	64	75 587	2 329,931	22 422,894	9,624	9,157
19	15	99 001	37 447,169	697 805,700	18,634	18,168	69	65	73 553	2 154,159	20 092,963	9,328	8,861
20	16	98 949	35 560,783	660 358,531	18,570	18,103	70	66	71 426	1 987,500	17 938,804	9,026	8,559
21	17	98 896	33 768,708	624 797,748	18,502	18,035	71	67	69 206	1 829,687	15 951,304	8,718	8,251
22	18	98 843	32 067,149	591 029,040	18,431	17,964	72	68	66 849	1 679,205	14 121,617	8,410	7,943
23	19	98 786	30 449,883	558 961,891	18,357	17,890	73	69	64 428	1 537,659	12 442,411	8,092	7,625
24	20	98 728	28 914,095	528 512,008	18,279	17,812	74	70	61 848	1 402,456	10 904,753	7,775	7,309
25	21	98 667	27 454,746	499 597,912	18,197	17,730	75	71	59 167	1 274,744	9 502,296	7,454	6,987
26	22	98 606	26 069,321	472 143,166	18,111	17,644	76	72	56 352	1 153,531	8 227,552	7,132	6,666
27	23	98 546	24 753,882	446 073,845	18,020	17,554	77	73	53 431	1 039,180	7 074,020	6,807	6,341
28	24	98 486	23 504,706	421 319,963	17,925	17,458	78	74	50 422	931,733	6 034,840	6,477	6,010
29	25	98 424	22 318,266	397 815,257	17,825	17,358	79	75	47 290	830,284	5 103,107	6,146	5,679
30	26	98 356	21 190,421	375 496,991	17,720	17,253	80	76	44 046	734,754	4 272,822	5,815	5,349
31	27	98 287	20 119,198	354 306,570	17,610	17,144	81	77	40 668	644,560	3 538,069	5,489	5,022
32	28	98 210	19 100,655	334 187,372	17,496	17,029	82	78	37 226	560,568	2 893,509	5,162	4,695
33	29	98 127	18 132,488	315 086,717	17,377	16,910	83	79	33 700	482,158	2 332,941	4,839	4,372
34	30	98 034	17 211,690	296 954,229	17,253	16,786	84	80	30 081	408,918	1 850,783	4,526	4,059
35	31	97 937	16 337,036	279 742,539	17,123	16,656	85	81	26 421	341,245	1 441,865	4,225	3,759
36	32	97 832	15 505,411	263 405,503	16,988	16,521	86	82	22 769	279,413	1 100,620	3,939	3,472
37	33	97 712	14 714,028	247 900,092	16,848	16,381	87	83	19 211	223,986	821,207	3,666	3,200
38	34	97 581	13 961,237	233 186,064	16,702	16,236	88	84	15 808	175,123	597,220	3,410	2,943
39	35	97 444	13 246,296	219 224,827	16,550	16,083	89	85	12 628	132,917	422,097	3,176	2,709
40	36	97 286	12 565,153	205 978,531	16,393	15,926	90	86	9 765	97,657	289,180	2,961	2,494
41	37	97 120	11 917,927	193 413,378	16,229	15,762	91	87	7 295	69,308	191,524	2,763	2,297
42	38	96 930	11 301,309	181 495,451	16,060	15,593	92	88	5 253	47,420	122,215	2,577	2,111
43	39	96 739	10 716,455	170 194,141	15,882	15,415	93	89	3 615	31,003	74,795	2,412	1,946
44	40	96 522	10 159,054	159 477,686	15,698	15,231	94	90	2 378	19,377	43,792	2,260	1,793
45	41	96 294	9 629,472	149 318,632	15,506	15,040	95	91	1 481	11,464	24,415	2,130	1,663
46	42	96 042	9 125,254	139 689,160	15,308	14,841	96	92	876	6,442	12,951	2,011	1,544
47	43	95 767	8 645,210	130 563,905	15,102	14,636	97	93	487	3,407	6,510	1,911	1,444
48	44	95 458	8 187,485	121 918,695	14,891	14,424	98	94	257	1,707	3,103	1,818	1,351
49	45	95 117	7 751,329	113 731,210	14,672	14,206	99	95	128	0,810	1,396	1,724	1,257
							100	96	59	0,355	0,586	1,650	1,183

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	7 343,055	106 539,974	14,509	14,042
1							51	46	94 431	6 946,875	99 196,919	14,279	13,813
2							52	47	93 982	6 568,952	92 250,044	14,043	13,577
3							53	48	93 485	6 208,268	85 681,092	13,801	13,334
4							54	49	92 922	5 863,057	79 472,825	13,555	13,088
5	0	99 601	77 117,455	1 486 376,334	19,274	18,807	55	50	92 301	5 533,367	73 609,768	13,303	12,836
6	1	99 304	73 052,211	1 409 258,880	19,291	18,824	56	51	91 607	5 217,819	68 076,401	13,047	12,580
7	2	99 273	69 386,591	1 336 206,668	19,257	18,791	57	52	90 837	4 915,919	62 858,581	12,787	12,320
8	3	99 250	65 910,434	1 266 820,077	19,220	18,754	58	53	89 996	4 627,464	57 942,662	12,521	12,055
9	4	99 233	62 611,727	1 200 909,643	19,180	18,713	59	54	89 080	4 351,867	53 315,199	12,251	11,784
10	5	99 216	59 478,326	1 138 297,916	19,138	18,671	60	55	88 063	4 087,572	48 963,331	11,979	11,512
11	6	99 201	56 503,427	1 078 819,589	19,093	18,626	61	56	86 950	3 834,601	44 875,760	11,703	11,236
12	7	99 187	53 677,336	1 022 316,163	19,046	18,579	62	57	85 738	3 592,543	41 041,159	11,424	10,957
13	8	99 174	50 992,900	968 638,827	18,996	18,529	63	58	84 412	3 360,554	37 448,616	11,144	10,677
14	9	99 157	48 441,318	917 645,926	18,943	18,477	64	59	82 971	3 138,409	34 088,062	10,862	10,395
15	10	99 140	46 016,873	869 204,608	18,889	18,422	65	60	81 419	2 926,093	30 949,653	10,577	10,110
16	11	99 119	43 712,269	823 187,735	18,832	18,365	66	61	79 758	2 723,421	28 023,560	10,290	9,823
17	12	99 089	41 519,157	779 475,466	18,774	18,307	67	62	77 980	2 529,892	25 300,139	10,000	9,534
18	13	99 056	39 435,120	737 956,309	18,713	18,246	68	63	76 101	2 345,789	22 770,247	9,707	9,240
19	14	99 010	37 450,624	698 521,189	18,652	18,185	69	64	74 102	2 170,238	20 424,458	9,411	8,944
20	15	98 961	35 564,901	661 070,565	18,588	18,121	70	65	72 003	2 003,556	18 254,220	9,111	8,644
21	16	98 909	33 773,026	625 505,664	18,521	18,054	71	66	69 818	1 845,853	16 250,664	8,804	8,337
22	17	98 856	32 071,307	591 732,638	18,451	17,984	72	67	67 481	1 695,068	14 404,811	8,498	8,031
23	18	98 802	30 454,827	559 661,332	18,377	17,910	73	68	65 092	1 553,511	12 709,743	8,181	7,715
24	19	98 744	28 918,849	529 206,505	18,300	17,833	74	69	62 570	1 418,839	11 156,233	7,863	7,396
25	20	98 683	27 459,241	500 287,656	18,219	17,752	75	70	59 919	1 290,948	9 737,394	7,543	7,076
26	21	98 623	26 073,748	472 828,415	18,134	17,667	76	71	57 141	1 169,690	8 446,446	7,221	6,754
27	22	98 563	24 758,036	446 754,667	18,045	17,578	77	72	54 242	1 054,950	7 276,756	6,898	6,431
28	23	98 502	23 508,551	421 996,631	17,951	17,484	78	73	51 280	947,592	6 221,806	6,566	6,099
29	24	98 440	22 321,933	398 488,080	17,852	17,385	79	74	48 167	845,669	5 274,214	6,237	5,770
30	25	98 376	21 194,542	376 166,147	17,748	17,281	80	75	44 951	749,841	4 428,545	5,906	5,439
31	26	98 304	20 122,785	354 971,605	17,640	17,173	81	76	41 589	659,159	3 678,705	5,581	5,114
32	27	98 231	19 104,662	334 848,821	17,527	17,060	82	77	38 138	574,316	3 019,545	5,258	4,791
33	28	98 150	18 136,804	315 744,159	17,409	16,942	83	78	34 642	495,643	2 445,229	4,933	4,467
34	29	98 058	17 215,938	297 607,355	17,287	16,820	84	79	31 037	421,917	1 949,586	4,621	4,154
35	30	97 965	16 341,657	280 391,417	17,158	16,691	85	80	27 386	353,718	1 527,670	4,319	3,852
36	31	97 863	15 510,406	264 049,759	17,024	16,557	86	81	23 728	291,182	1 173,952	4,032	3,565
37	32	97 745	14 718,972	248 539,354	16,886	16,419	87	82	20 158	235,033	882,770	3,756	3,289
38	33	97 615	13 966,128	233 820,381	16,742	16,275	88	83	16 732	185,354	647,737	3,495	3,028
39	34	97 482	13 251,355	219 854,253	16,591	16,124	89	84	13 489	141,973	462,383	3,257	2,790
40	35	97 332	12 571,023	206 602,898	16,435	15,968	90	85	10 542	105,426	320,410	3,039	2,572
41	36	97 166	11 923,613	194 031,875	16,273	15,806	91	86	7 975	75,770	214,984	2,837	2,371
42	37	96 979	11 307,019	182 108,262	16,106	15,639	92	87	5 831	52,636	139,214	2,645	2,178
43	38	96 793	10 722,397	170 801,243	15,929	15,463	93	88	4 077	34,965	86,578	2,476	2,009
44	39	96 585	10 165,668	160 078,846	15,747	15,280	94	89	2 729	22,242	51,613	2,321	1,854
45	40	96 355	9 635,573	149 913,178	15,558	15,092	95	90	1 736	13,441	29,372	2,185	1,718
46	41	96 113	9 131,948	140 277,605	15,361	14,894	96	91	1 050	7,723	15,930	2,063	1,596
47	42	95 844	8 652,191	131 145,658	15,158	14,691	97	92	600	4,195	8,207	1,956	1,489
48	43	95 543	8 194,825	122 493,466	14,948	14,481	98	93	325	2,159	4,012	1,858	1,391
49	44	95 207	7 758,668	114 298,641	14,732	14,265	99	94	167	1,051	1,853	1,763	1,296
							100	95	79	0,476	0,802	1,683	1,216

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	7 350,007	107 053,043	14,565	14,098
1							51	45	94 533	6 954,355	99 703,037	14,337	13,870
2							52	46	94 094	6 576,740	92 748,681	14,103	13,636
3							53	47	93 607	6 216,345	86 171,941	13,862	13,395
4							54	48	93 063	5 871,966	79 955,596	13,616	13,150
5							55	49	92 456	5 542,701	74 083,631	13,366	12,899
6	0	99 592	73 264,082	1 410 187,355	19,248	18,781	56	50	91 776	5 227,458	68 540,930	13,112	12,645
7	1	99 295	69 402,027	1 336 923,273	19,263	18,797	57	51	91 026	4 926,148	63 313,471	12,853	12,386
8	2	99 263	65 919,096	1 267 521,246	19,228	18,762	58	52	90 195	4 637,687	58 387,323	12,590	12,123
9	3	99 243	62 617,970	1 201 602,151	19,189	18,723	59	53	89 301	4 362,681	53 749,636	12,320	11,854
10	4	99 225	59 483,802	1 138 984,180	19,148	18,681	60	54	88 306	4 098,861	49 386,955	12,049	11,582
11	5	99 208	56 507,266	1 079 500,378	19,104	18,637	61	55	87 221	3 846,573	45 288,094	11,774	11,307
12	6	99 195	53 681,256	1 022 993,112	19,057	18,590	62	56	86 029	3 604,733	41 441,521	11,496	11,030
13	7	99 179	50 995,329	969 311,857	19,008	18,541	63	57	84 730	3 373,225	37 836,789	11,217	10,750
14	8	99 165	48 444,809	918 316,527	18,956	18,489	64	58	83 318	3 151,562	34 463,564	10,935	10,469
15	9	99 145	46 019,319	869 871,718	18,902	18,436	65	59	81 798	2 939,717	31 312,002	10,651	10,185
16	10	99 125	43 714,700	823 852,399	18,846	18,379	66	60	80 169	2 737,456	28 372,285	10,364	9,898
17	11	99 096	41 522,350	780 137,699	18,788	18,322	67	61	78 418	2 544,104	25 634,829	10,076	9,609
18	12	99 062	39 437,612	738 615,349	18,729	18,262	68	62	76 570	2 360,238	23 090,725	9,783	9,316
19	13	99 018	37 453,584	699 177,737	18,668	18,201	69	63	74 607	2 185,009	20 730,487	9,488	9,021
20	14	98 970	35 568,182	661 724,153	18,604	18,138	70	64	72 540	2 018,511	18 545,478	9,188	8,721
21	15	98 920	33 776,936	626 155,971	18,538	18,071	71	65	70 382	1 860,764	16 526,967	8,882	8,415
22	16	98 869	32 075,407	592 379,034	18,468	18,002	72	66	68 077	1 710,044	14 666,203	8,577	8,110
23	17	98 815	30 458,776	560 303,627	18,395	17,929	73	67	65 707	1 568,186	12 956,159	8,262	7,795
24	18	98 760	28 923,544	529 844,851	18,319	17,852	74	68	63 215	1 433,466	11 387,974	7,944	7,478
25	19	98 699	27 463,755	500 921,307	18,239	17,773	75	69	60 619	1 306,028	9 954,508	7,622	7,155
26	20	98 639	26 078,017	473 457,552	18,155	17,689	76	70	57 868	1 184,558	8 648,480	7,301	6,834
27	21	98 580	24 762,241	447 379,536	18,067	17,600	77	71	55 002	1 069,727	7 463,922	6,977	6,511
28	22	98 518	23 512,496	422 617,295	17,974	17,507	78	72	52 058	961,972	6 394,194	6,647	6,180
29	23	98 456	22 325,584	399 104,799	17,877	17,410	79	73	48 986	860,063	5 432,222	6,316	5,849
30	24	98 392	21 198,024	376 779,215	17,774	17,307	80	74	45 784	763,735	4 572,160	5,987	5,520
31	25	98 324	20 126,697	355 581,191	17,667	17,200	81	75	42 443	672,694	3 808,425	5,661	5,195
32	26	98 248	19 108,068	335 454,494	17,556	17,089	82	76	39 002	587,325	3 135,731	5,339	4,872
33	27	98 171	18 140,609	316 346,426	17,439	16,972	83	77	35 492	507,799	2 548,407	5,019	4,552
34	28	98 081	17 220,036	298 205,817	17,317	16,851	84	78	31 905	433,717	2 040,608	4,705	4,238
35	29	97 989	16 345,691	280 985,780	17,190	16,723	85	79	28 257	364,961	1 606,891	4,403	3,936
36	30	97 891	15 514,793	264 640,089	17,057	16,590	86	80	24 595	301,824	1 241,929	4,115	3,648
37	31	97 777	14 723,713	249 125,296	16,920	16,453	87	81	21 007	244,932	940,105	3,838	3,371
38	32	97 648	13 970,821	234 401,583	16,778	16,311	88	82	17 557	194,495	695,173	3,574	3,107
39	33	97 516	13 255,998	220 430,762	16,629	16,162	89	83	14 277	150,267	500,677	3,332	2,865
40	34	97 369	12 575,824	207 174,764	16,474	16,007	90	84	11 261	112,609	350,410	3,112	2,645
41	35	97 211	11 929,183	194 598,940	16,313	15,846	91	85	8 609	81,798	237,801	2,907	2,440
42	36	97 025	11 312,413	182 669,756	16,148	15,681	92	86	6 374	57,543	156,003	2,711	2,244
43	37	96 842	10 727,814	171 357,343	15,973	15,506	93	87	4 525	38,811	98,460	2,537	2,070
44	38	96 638	10 171,304	160 629,530	15,792	15,326	94	88	3 078	25,084	59,649	2,378	1,911
45	39	96 417	9 641,846	150 458,225	15,605	15,138	95	89	1 993	15,429	34,565	2,240	1,774
46	40	96 173	9 137,733	140 816,379	15,410	14,944	96	90	1 231	9,056	19,136	2,113	1,646
47	41	95 914	8 658,538	131 678,646	15,208	14,741	97	91	720	5,030	10,081	2,004	1,537
48	42	95 621	8 201,442	123 020,109	15,000	14,533	98	92	400	2,659	5,051	1,900	1,433
49	43	95 293	7 765,623	114 818,667	14,786	14,319	99	93	211	1,329	2,392	1,799	1,333
							100	94	103	0,618	1,063	1,719	1,252

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	7 356,596	107 522,935	14,616	14,149
1							51	44	94 623	6 960,939	100 166,339	14,390	13,923
2							52	45	94 195	6 583,822	93 205,400	14,157	13,690
3							53	46	93 718	6 223,715	86 621,577	13,918	13,451
4							54	47	93 184	5 879,605	80 397,862	13,674	13,207
5							55	48	92 597	5 551,123	74 518,257	13,424	12,957
6							56	49	91 931	5 236,277	68 967,134	13,171	12,704
7	0	99 583	69 603,311	1 337 781,075	19,220	18,753	57	50	91 195	4 935,248	63 730,858	12,913	12,447
8	1	99 285	65 933,760	1 268 177,764	19,234	18,767	58	51	90 383	4 647,337	58 795,609	12,651	12,185
9	2	99 256	62 626,200	1 202 244,004	19,197	18,730	59	52	89 499	4 372,319	54 148,272	12,384	11,918
10	3	99 235	59 489,733	1 139 617,804	19,157	18,690	60	53	88 525	4 109,046	49 775,953	12,114	11,647
11	4	99 217	56 512,468	1 080 128,071	19,113	18,646	61	54	87 462	3 857,197	45 666,907	11,839	11,373
12	5	99 201	53 684,903	1 023 615,603	19,067	18,600	62	55	86 297	3 615,987	41 809,711	11,562	11,096
13	6	99 186	50 999,053	969 930,700	19,019	18,552	63	56	85 018	3 384,670	38 193,724	11,284	10,818
14	7	99 169	48 447,117	918 931,647	18,968	18,501	64	57	83 632	3 163,445	34 809,054	11,004	10,537
15	8	99 152	46 022,636	870 484,530	18,914	18,447	65	58	82 141	2 952,038	31 645,609	10,720	10,253
16	9	99 130	43 717,023	824 461,894	18,859	18,392	66	59	80 542	2 750,201	28 693,571	10,433	9,966
17	10	99 102	41 524,659	780 744,871	18,802	18,335	67	60	78 822	2 557,214	25 943,370	10,145	9,678
18	11	99 070	39 440,645	739 220,212	18,743	18,276	68	61	77 000	2 373,497	23 386,155	9,853	9,386
19	12	99 024	37 455,951	699 779,567	18,683	18,216	69	62	75 066	2 198,467	21 012,658	9,558	9,091
20	13	98 978	35 570,994	662 323,616	18,620	18,153	70	63	73 034	2 032,250	18 814,191	9,258	8,791
21	14	98 929	33 780,053	626 752,622	18,554	18,087	71	64	70 907	1 874,653	16 781,941	8,952	8,485
22	15	98 880	32 079,121	592 972,570	18,485	18,018	72	65	68 627	1 723,858	14 907,288	8,648	8,181
23	16	98 827	30 462,670	560 893,448	18,412	17,946	73	66	66 287	1 582,041	13 183,430	8,333	7,866
24	17	98 773	28 927,294	530 430,778	18,337	17,870	74	67	63 813	1 447,007	11 601,389	8,018	7,551
25	18	98 715	27 468,214	501 503,484	18,258	17,791	75	68	61 244	1 319,492	10 154,382	7,696	7,229
26	19	98 655	26 082,304	474 035,270	18,175	17,708	76	69	58 544	1 198,395	8 834,890	7,372	6,905
27	20	98 596	24 766,295	447 952,967	18,087	17,620	77	70	55 701	1 083,325	7 636,495	7,049	6,582
28	21	98 535	23 516,483	423 186,672	17,995	17,529	78	71	52 787	975,447	6 553,170	6,718	6,251
29	22	98 473	22 329,331	399 670,184	17,899	17,432	79	72	49 730	873,114	5 577,723	6,388	5,922
30	23	98 408	21 201,492	377 340,853	17,798	17,331	80	73	46 563	776,734	4 704,609	6,057	5,590
31	24	98 340	20 130,004	356 139,361	17,692	17,225	81	74	43 230	685,159	3 927,875	5,733	5,266
32	25	98 267	19 111,783	336 009,357	17,581	17,114	82	75	39 803	599,384	3 242,716	5,410	4,943
33	26	98 188	18 143,843	316 897,573	17,466	16,999	83	76	36 296	519,301	2 643,332	5,090	4,623
34	27	98 102	17 223,649	298 753,730	17,346	16,879	84	77	32 688	444,354	2 124,032	4,780	4,313
35	28	98 012	16 349,582	281 530,081	17,219	16,753	85	78	29 047	375,169	1 679,677	4,477	4,010
36	29	97 915	15 518,622	265 180,499	17,088	16,621	86	79	25 377	311,419	1 304,509	4,189	3,722
37	30	97 804	14 727,878	249 661,877	16,952	16,485	87	80	21 775	253,885	993,090	3,912	3,445
38	31	97 679	13 975,321	234 933,999	16,811	16,344	88	81	18 297	202,687	739,205	3,647	3,180
39	32	97 548	13 260,452	220 958,678	16,663	16,196	89	82	14 981	157,679	536,518	3,403	2,936
40	33	97 403	12 580,230	207 698,225	16,510	16,043	90	83	11 918	119,188	378,839	3,179	2,712
41	34	97 248	11 933,739	195 117,995	16,350	15,883	91	84	9 196	87,371	259,652	2,972	2,505
42	35	97 070	11 317,698	183 184,256	16,186	15,719	92	85	6 881	62,121	172,280	2,773	2,307
43	36	96 888	10 732,932	171 866,558	16,013	15,546	93	86	4 947	42,429	110,159	2,596	2,130
44	37	96 687	10 176,443	161 133,626	15,834	15,367	94	87	3 417	27,843	67,730	2,433	1,966
45	38	96 471	9 647,192	150 957,184	15,648	15,181	95	88	2 247	17,400	39,887	2,292	1,826
46	39	96 236	9 143,682	141 309,992	15,454	14,988	96	89	1 413	10,394	22,487	2,163	1,697
47	40	95 975	8 664,023	132 166,310	15,255	14,788	97	90	844	5,897	12,093	2,051	1,584
48	41	95 691	8 207,458	123 502,287	15,048	14,581	98	91	480	3,188	6,195	1,943	1,477
49	42	95 370	7 771,894	115 294,829	14,835	14,368	99	92	259	1,637	3,008	1,837	1,371
							100	93	130	0,782	1,371	1,752	1,286

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	7 362,536	107 952,955	14,662	14,196
1							51	43	94 707	6 967,180	100 590,419	14,438	13,971
2							52	44	94 284	6 590,056	93 623,239	14,207	13,740
3							53	45	93 819	6 230,417	87 033,184	13,969	13,502
4							54	46	93 295	5 886,576	80 802,767	13,727	13,260
5							55	47	92 717	5 558,345	74 916,191	13,478	13,011
6							56	48	92 070	5 244,233	69 357,846	13,226	12,759
7							57	49	91 348	4 943,574	64 113,613	12,969	12,502
8	0	99 573	66 124,985	1 268 970,234	19,190	18,724	58	50	90 550	4 655,922	59 170,040	12,709	12,242
9	1	99 278	62 640,132	1 202 845,249	19,202	18,736	59	51	89 685	4 381,417	54 514,117	12,442	11,975
10	2	99 248	59 497,551	1 140 205,117	19,164	18,697	60	52	88 721	4 118,124	50 132,700	12,174	11,707
11	3	99 227	56 518,103	1 080 707,566	19,121	18,655	61	53	87 679	3 866,781	46 014,576	11,900	11,433
12	4	99 210	53 689,845	1 024 189,463	19,076	18,609	62	54	86 536	3 625,974	42 147,796	11,624	11,157
13	5	99 193	51 002,518	970 499,617	19,028	18,562	63	55	85 283	3 395,237	38 521,822	11,346	10,879
14	6	99 177	48 450,654	919 497,099	18,978	18,511	64	56	83 916	3 174,178	35 126,584	11,066	10,600
15	7	99 157	46 024,828	871 046,445	18,926	18,459	65	57	82 450	2 963,169	31 952,406	10,783	10,316
16	8	99 137	43 720,174	825 021,616	18,871	18,404	66	58	80 880	2 761,728	28 989,237	10,497	10,030
17	9	99 107	41 526,866	781 301,442	18,814	18,348	67	59	79 189	2 569,121	26 227,510	10,209	9,742
18	10	99 075	39 442,838	739 774,576	18,756	18,289	68	60	77 397	2 385,728	23 658,389	9,917	9,450
19	11	99 032	37 458,832	700 331,739	18,696	18,229	69	61	75 488	2 210,817	21 272,661	9,622	9,155
20	12	98 984	35 573,242	662 872,907	18,634	18,167	70	62	73 484	2 044,767	19 061,843	9,322	8,855
21	13	98 937	33 782,723	627 299,665	18,569	18,102	71	63	71 390	1 887,412	17 017,076	9,016	8,549
22	14	98 889	32 082,081	593 516,942	18,500	18,033	72	64	69 139	1 736,725	15 129,664	8,712	8,245
23	15	98 839	30 466,197	561 434,861	18,428	17,961	73	65	66 823	1 594,821	13 392,938	8,398	7,931
24	16	98 786	28 930,993	530 968,664	18,353	17,886	74	66	64 376	1 459,791	11 798,117	8,082	7,615
25	17	98 728	27 471,775	502 037,671	18,275	17,808	75	67	61 823	1 331,956	10 338,326	7,762	7,295
26	18	98 671	26 086,538	474 565,896	18,192	17,725	76	68	59 147	1 210,750	9 006,369	7,439	6,972
27	19	98 612	24 770,366	448 479,358	18,105	17,639	77	69	56 351	1 095,980	7 795,620	7,113	6,646
28	20	98 551	23 520,338	423 708,992	18,015	17,548	78	70	53 458	987,846	6 699,640	6,782	6,315
29	21	98 490	22 333,123	400 188,653	17,919	17,452	79	71	50 426	885,344	5 711,794	6,451	5,985
30	22	98 424	21 205,050	377 855,531	17,819	17,352	80	72	47 270	788,521	4 826,449	6,121	5,654
31	23	98 356	20 133,297	356 650,481	17,714	17,248	81	73	43 965	696,821	4 037,928	5,795	5,328
32	24	98 283	19 114,923	336 517,184	17,605	17,138	82	74	40 541	610,490	3 341,108	5,473	5,006
33	25	98 207	18 147,371	317 402,261	17,490	17,023	83	75	37 041	529,963	2 730,618	5,152	4,686
34	26	98 119	17 226,720	299 254,889	17,372	16,905	84	76	33 428	454,419	2 200,654	4,843	4,376
35	27	98 033	16 353,012	282 028,170	17,246	16,779	85	77	29 760	384,370	1 746,235	4,543	4,076
36	28	97 938	15 522,317	265 675,158	17,116	16,649	86	78	26 087	320,129	1 361,865	4,254	3,787
37	29	97 828	14 731,513	250 152,841	16,981	16,514	87	79	22 467	261,955	1 041,736	3,977	3,510
38	30	97 707	13 979,274	235 421,328	16,841	16,374	88	80	18 965	210,095	779,781	3,712	3,245
39	31	97 580	13 264,724	221 442,054	16,694	16,227	89	81	15 612	164,320	569,686	3,467	3,000
40	32	97 436	12 584,457	208 177,330	16,542	16,076	90	82	12 506	125,066	405,366	3,241	2,774
41	33	97 283	11 937,920	195 592,873	16,384	15,917	91	83	9 733	92,475	280,300	3,031	2,564
42	34	97 107	11 322,020	183 654,952	16,221	15,754	92	84	7 350	66,354	187,825	2,831	2,364
43	35	96 933	10 737,946	172 332,932	16,049	15,582	93	85	5 340	45,805	121,471	2,652	2,185
44	36	96 733	10 181,298	161 594,986	15,872	15,405	94	86	3 735	30,438	75,666	2,486	2,019
45	37	96 519	9 652,065	151 413,688	15,687	15,220	95	87	2 494	19,314	45,228	2,342	1,875
46	38	96 289	9 148,752	141 761,623	15,495	15,028	96	88	1 593	11,723	25,914	2,211	1,744
47	39	96 038	8 669,664	132 612,871	15,296	14,829	97	89	968	6,769	14,191	2,096	1,630
48	40	95 751	8 212,658	123 943,208	15,092	14,625	98	90	563	3,738	7,422	1,986	1,519
49	41	95 440	7 777,595	115 730,550	14,880	14,413	99	91	311	1,963	3,684	1,877	1,410
							100	92	161	0,963	1,721	1,787	1,320

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	7 367,937	108 346,278	14,705	14,238
1							51	42	94 784	6 972,806	100 978,341	14,482	14,015
2							52	43	94 369	6 595,963	94 005,535	14,252	13,785
3							53	44	93 907	6 236,315	87 409,572	14,016	13,549
4							54	45	93 395	5 892,915	81 173,257	13,775	13,308
5							55	46	92 827	5 564,935	75 280,342	13,528	13,061
6							56	47	92 190	5 251,056	69 715,407	13,276	12,810
7							57	48	91 487	4 951,085	64 464,351	13,020	12,553
8							58	49	90 703	4 663,776	59 513,266	12,761	12,294
9	0	99 566	62 821,804	1 203 577,386	19,159	18,692	59	50	89 850	4 389,511	54 849,490	12,496	12,029
10	1	99 270	59 510,787	1 140 755,582	19,169	18,702	60	51	88 905	4 126,693	50 459,979	12,228	11,761
11	2	99 240	56 525,530	1 081 244,794	19,128	18,662	61	52	87 873	3 875,324	46 333,286	11,956	11,489
12	3	99 220	53 695,199	1 024 719,264	19,084	18,617	62	53	86 751	3 634,984	42 457,962	11,680	11,214
13	4	99 202	51 007,214	971 024,065	19,037	18,570	63	54	85 519	3 404,615	38 822,978	11,403	10,936
14	5	99 183	48 453,947	920 016,851	18,987	18,521	64	55	84 178	3 184,089	35 418,364	11,124	10,657
15	6	99 164	46 028,189	871 562,905	18,935	18,469	65	56	82 730	2 973,223	32 234,275	10,842	10,375
16	7	99 142	43 722,257	825 534,716	18,881	18,415	66	57	81 185	2 772,141	29 261,053	10,555	10,089
17	8	99 114	41 529,859	781 812,459	18,825	18,359	67	58	79 521	2 579,888	26 488,912	10,267	9,801
18	9	99 081	39 444,934	740 282,600	18,767	18,301	68	59	77 757	2 396,836	23 909,024	9,975	9,508
19	10	99 037	37 460,915	700 837,666	18,709	18,242	69	60	75 877	2 222,210	21 512,188	9,681	9,214
20	11	98 992	35 575,978	663 376,751	18,647	18,180	70	61	73 897	2 056,254	19 289,977	9,381	8,914
21	12	98 943	33 784,858	627 800,774	18,582	18,116	71	62	71 830	1 899,038	17 233,723	9,075	8,608
22	13	98 897	32 084,617	594 015,916	18,514	18,047	72	63	69 610	1 748,546	15 334,685	8,770	8,303
23	14	98 848	30 469,008	561 931,299	18,443	17,976	73	64	67 322	1 606,725	13 586,140	8,456	7,989
24	15	98 797	28 934,343	531 462,291	18,368	17,901	74	65	64 896	1 471,584	11 979,414	8,140	7,674
25	16	98 740	27 475,288	502 527,949	18,290	17,823	75	66	62 369	1 343,724	10 507,830	7,820	7,353
26	17	98 684	26 089,921	475 052,661	18,208	17,741	76	67	59 706	1 222,187	9 164,106	7,498	7,031
27	18	98 628	24 774,387	448 962,740	18,122	17,655	77	68	56 932	1 107,278	7 941,919	7,172	6,706
28	19	98 568	23 524,205	424 188,353	18,032	17,565	78	69	54 083	999,386	6 834,641	6,839	6,372
29	20	98 506	22 336,779	400 664,148	17,937	17,471	79	70	51 067	896,598	5 835,255	6,508	6,041
30	21	98 441	21 208,651	378 327,369	17,838	17,372	80	71	47 932	799,566	4 938,657	6,177	5,710
31	22	98 372	20 136,676	357 118,718	17,735	17,268	81	72	44 633	707,395	4 139,091	5,851	5,384
32	23	98 299	19 118,050	336 982,042	17,626	17,160	82	73	41 231	620,881	3 431,696	5,527	5,060
33	24	98 223	18 150,353	317 863,992	17,513	17,046	83	74	37 727	539,783	2 810,815	5,207	4,741
34	25	98 138	17 230,069	299 713,639	17,395	16,928	84	75	34 115	463,750	2 271,031	4,897	4,430
35	26	98 050	16 355,927	282 483,570	17,271	16,804	85	76	30 434	393,076	1 807,281	4,598	4,131
36	27	97 959	15 525,573	266 127,643	17,141	16,674	86	77	26 727	327,980	1 414,205	4,312	3,845
37	28	97 852	14 735,020	250 602,070	17,007	16,540	87	78	23 096	269,282	1 086,225	4,034	3,567
38	29	97 731	13 982,725	235 867,050	16,868	16,402	88	79	19 568	216,774	816,944	3,769	3,302
39	30	97 607	13 268,476	221 884,325	16,723	16,256	89	80	16 183	170,326	600,170	3,524	3,057
40	31	97 467	12 588,511	208 615,849	16,572	16,105	90	81	13 033	130,334	429,844	3,298	2,831
41	32	97 315	11 941,932	196 027,338	16,415	15,948	91	82	10 213	97,036	299,511	3,087	2,620
42	33	97 141	11 325,987	184 085,406	16,253	15,787	92	83	7 780	70,230	202,474	2,883	2,416
43	34	96 970	10 742,047	172 759,419	16,083	15,616	93	84	5 704	48,926	132,244	2,703	2,236
44	35	96 778	10 186,054	162 017,372	15,906	15,439	94	85	4 032	32,860	83,319	2,536	2,069
45	36	96 566	9 656,670	151 831,318	15,723	15,256	95	86	2 727	21,115	50,458	2,390	1,923
46	37	96 338	9 153,373	142 174,648	15,532	15,066	96	87	1 769	13,012	29,344	2,255	1,788
47	38	96 091	8 674,471	133 021,275	15,335	14,868	97	88	1 092	7,634	16,332	2,139	1,672
48	39	95 814	8 218,005	124 346,804	15,131	14,664	98	89	646	4,290	8,697	2,027	1,560
49	40	95 500	7 782,522	116 128,800	14,922	14,455	99	90	365	2,301	4,407	1,915	1,448
							100	91	193	1,155	2,106	1,824	1,357

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	40	95 220	7 372,605	108 705,630	14,745	14,278
1							51	41	94 853	6 977,920	101 333,025	14,522	14,055
2							52	42	94 445	6 601,290	94 355,105	14,293	13,827
3							53	43	93 992	6 241,906	87 753,815	14,059	13,592
4							54	44	93 483	5 898,494	81 511,909	13,819	13,352
5							55	45	92 927	5 570,927	75 613,415	13,573	13,106
6							56	46	92 299	5 257,281	70 042,487	13,323	12,856
7							57	47	91 606	4 957,527	64 785,206	13,068	12,601
8							58	48	90 840	4 670,863	59 827,680	12,809	12,342
9							59	49	90 002	4 396,916	55 156,817	12,544	12,078
10	0	99 558	59 683,384	1 141 432,037	19,125	18,658	60	50	89 070	4 134,316	50 759,901	12,278	11,811
11	1	99 262	56 538,105	1 081 748,653	19,133	18,666	61	51	88 056	3 883,388	46 625,585	12,006	11,540
12	2	99 233	53 702,255	1 025 210,547	19,091	18,624	62	52	86 942	3 643,014	42 742,198	11,733	11,266
13	3	99 212	51 012,300	971 508,292	19,045	18,578	63	53	85 731	3 413,074	39 099,183	11,456	10,989
14	4	99 192	48 458,407	920 495,992	18,996	18,529	64	54	84 411	3 192,883	35 686,109	11,177	10,710
15	5	99 171	46 031,316	872 037,585	18,944	18,478	65	55	82 989	2 982,505	32 493,227	10,895	10,428
16	6	99 149	43 725,449	826 006,268	18,891	18,424	66	56	81 460	2 781,547	29 510,721	10,609	10,143
17	7	99 119	41 531,837	782 280,819	18,836	18,369	67	57	79 821	2 589,615	26 729,175	10,322	9,855
18	8	99 088	39 447,777	740 748,982	18,778	18,311	68	58	78 083	2 406,882	24 139,559	10,029	9,563
19	9	99 042	37 462,906	701 301,205	18,720	18,253	69	59	76 230	2 232,557	21 732,678	9,734	9,268
20	10	98 997	35 577,956	663 838,299	18,659	18,192	70	60	74 277	2 066,850	19 500,121	9,435	8,968
21	11	98 951	33 787,456	628 260,344	18,594	18,128	71	61	72 233	1 909,706	17 433,270	9,129	8,662
22	12	98 903	32 086,645	594 472,888	18,527	18,060	72	62	70 038	1 759,316	15 523,564	8,824	8,357
23	13	98 856	30 471,416	562 386,243	18,456	17,989	73	63	67 780	1 617,661	13 764,248	8,509	8,042
24	14	98 806	28 937,012	531 914,827	18,382	17,915	74	64	65 381	1 482,568	12 146,587	8,193	7,726
25	15	98 752	27 478,469	502 977,815	18,304	17,838	75	65	62 873	1 354,579	10 664,019	7,873	7,406
26	16	98 697	26 093,257	475 499,345	18,223	17,756	76	66	60 233	1 232,985	9 309,439	7,550	7,084
27	17	98 641	24 777,600	449 406,089	18,138	17,671	77	67	57 470	1 117,738	8 076,454	7,226	6,759
28	18	98 584	23 528,024	424 628,489	18,048	17,581	78	68	54 640	1 009,688	6 958,716	6,892	6,425
29	19	98 522	22 340,451	401 100,465	17,954	17,487	79	69	51 664	907,072	5 949,028	6,558	6,092
30	20	98 457	21 212,123	378 760,014	17,856	17,389	80	70	48 541	809,730	5 041,956	6,227	5,760
31	21	98 389	20 140,095	357 547,891	17,753	17,286	81	71	45 258	717,304	4 232,226	5,900	5,433
32	22	98 316	19 121,258	337 407,796	17,646	17,179	82	72	41 856	630,303	3 514,923	5,577	5,110
33	23	98 239	18 153,322	318 286,537	17,533	17,066	83	73	38 369	548,971	2 884,620	5,255	4,788
34	24	98 154	17 232,900	300 133,216	17,416	16,949	84	74	34 747	472,343	2 335,649	4,945	4,478
35	25	98 069	16 359,108	282 900,315	17,293	16,826	85	75	31 059	401,147	1 863,306	4,645	4,178
36	26	97 976	15 528,341	266 541,208	17,165	16,698	86	76	27 332	335,409	1 462,159	4,359	3,893
37	27	97 872	14 738,111	251 012,867	17,032	16,565	87	77	23 662	275,886	1 126,750	4,084	3,617
38	28	97 754	13 986,053	236 274,756	16,894	16,427	88	78	20 116	222,837	850,864	3,818	3,352
39	29	97 632	13 271,751	222 288,702	16,749	16,282	89	79	16 697	175,740	628,027	3,574	3,107
40	30	97 495	12 592,072	209 016,952	16,599	16,132	90	80	13 509	135,097	452,287	3,348	2,881
41	31	97 347	11 945,778	196 424,880	16,443	15,976	91	81	10 643	101,123	317,190	3,137	2,670
42	32	97 174	11 329,793	184 479,101	16,283	15,816	92	82	8 163	73,694	216,067	2,932	2,465
43	33	97 004	10 745,810	173 149,308	16,113	15,646	93	83	6 037	51,784	142,373	2,749	2,283
44	34	96 815	10 189,945	162 403,498	15,938	15,471	94	84	4 307	35,099	90,589	2,581	2,114
45	35	96 611	9 661,181	152 213,554	15,755	15,288	95	85	2 944	22,794	55,490	2,434	1,968
46	36	96 384	9 157,740	142 552,372	15,566	15,100	96	86	1 934	14,225	32,696	2,298	1,832
47	37	96 139	8 678,853	133 394,632	15,370	14,903	97	87	1 212	8,474	18,470	2,180	1,713
48	38	95 867	8 222,561	124 715,779	15,168	14,701	98	88	729	4,839	9,996	2,066	1,599
49	39	95 562	7 787,589	116 493,218	14,959	14,492	99	89	419	2,641	5,158	1,953	1,486
							100	90	226	1,354	2,516	1,859	1,392

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	39	95 282	7 377,405	109 034,366	14,780	14,313
1							51	40	94 914	6 982,341	101 656,961	14,559	14,092
2							52	41	94 514	6 606,132	94 674,620	14,331	13,865
3							53	42	94 067	6 246,947	88 068,489	14,098	13,631
4							54	43	93 567	5 903,782	81 821,542	13,859	13,392
5							55	44	93 015	5 576,202	75 917,760	13,615	13,148
6							56	45	92 399	5 262,942	70 341,558	13,365	12,899
7							57	46	91 715	4 963,404	65 078,616	13,112	12,645
8							58	47	90 959	4 676,940	60 115,212	12,854	12,387
9							59	48	90 139	4 403,596	55 438,272	12,589	12,123
10							60	49	89 220	4 141,290	51 034,676	12,323	11,857
11	0	99 550	56 702,080	1 082 373,742	19,089	18,622	61	50	88 219	3 890,561	46 893,386	12,053	11,586
12	1	99 255	53 714,202	1 025 671,662	19,095	18,628	62	51	87 123	3 650,595	43 002,824	11,780	11,313
13	2	99 225	51 019,004	971 957,460	19,051	18,584	63	52	85 920	3 420,615	39 352,229	11,504	11,038
14	3	99 202	48 463,239	920 938,456	19,003	18,536	64	53	84 620	3 200,816	35 931,615	11,226	10,759
15	4	99 180	46 035,554	872 475,217	18,952	18,485	65	54	83 218	2 990,743	32 730,799	10,944	10,477
16	5	99 156	43 728,420	826 439,663	18,899	18,433	66	55	81 714	2 790,231	29 740,056	10,659	10,192
17	6	99 126	41 534,870	782 711,242	18,845	18,378	67	56	80 092	2 598,402	26 949,825	10,372	9,905
18	7	99 093	39 449,656	741 176,373	18,788	18,321	68	57	78 378	2 415,957	24 351,423	10,079	9,613
19	8	99 050	37 465,606	701 726,716	18,730	18,263	69	58	76 550	2 241,914	21 935,466	9,784	9,317
20	9	99 003	35 579,847	664 261,111	18,670	18,203	70	59	74 623	2 076,474	19 693,552	9,484	9,017
21	10	98 956	33 789,335	628 681,264	18,606	18,139	71	60	72 605	1 919,547	17 617,079	9,178	8,711
22	11	98 911	32 089,112	594 891,929	18,539	18,072	72	61	70 432	1 769,199	15 697,532	8,873	8,406
23	12	98 862	30 473,342	562 802,817	18,469	18,002	73	62	68 197	1 627,625	13 928,332	8,557	8,091
24	13	98 814	28 939,299	532 329,475	18,395	17,928	74	63	65 826	1 492,659	12 300,707	8,241	7,774
25	14	98 761	27 481,004	503 390,175	18,318	17,851	75	64	63 342	1 364,690	10 808,048	7,920	7,453
26	15	98 708	26 096,278	475 909,171	18,237	17,770	76	65	60 720	1 242,946	9 443,358	7,598	7,131
27	16	98 653	24 780,768	449 812,893	18,152	17,685	77	66	57 978	1 127,613	8 200,413	7,272	6,806
28	17	98 596	23 531,075	425 032,125	18,063	17,596	78	67	55 156	1 019,226	7 072,799	6,939	6,473
29	18	98 538	22 344,078	401 501,050	17,969	17,502	79	68	52 197	916,423	6 053,573	6,606	6,139
30	19	98 473	21 215,610	379 156,973	17,872	17,405	80	69	49 108	819,189	5 137,150	6,271	5,804
31	20	98 405	20 143,393	357 941,363	17,770	17,303	81	70	45 833	726,422	4 317,962	5,944	5,477
32	21	98 333	19 124,506	337 797,970	17,663	17,196	82	71	42 443	639,132	3 591,540	5,619	5,153
33	22	98 256	18 156,368	318 673,465	17,552	17,085	83	72	38 952	557,301	2 952,408	5,298	4,831
34	23	98 170	17 235,719	300 517,097	17,436	16,969	84	73	35 338	480,383	2 395,106	4,986	4,519
35	24	98 085	16 361,795	283 281,377	17,314	16,847	85	74	31 634	408,580	1 914,724	4,686	4,219
36	25	97 995	15 531,360	266 919,582	17,186	16,719	86	75	27 893	342,296	1 506,144	4,400	3,933
37	26	97 890	14 740,739	251 388,222	17,054	16,587	87	76	24 198	282,135	1 163,848	4,125	3,658
38	27	97 775	13 988,987	236 647,483	16,917	16,450	88	77	20 609	228,302	881,713	3,862	3,395
39	28	97 655	13 274,910	222 658,495	16,773	16,306	89	78	17 164	180,655	653,411	3,617	3,150
40	29	97 519	12 595,180	209 383,585	16,624	16,157	90	79	13 939	139,392	472,756	3,392	2,925
41	30	97 374	11 949,158	196 788,405	16,469	16,002	91	80	11 032	104,819	333,364	3,180	2,714
42	31	97 205	11 333,442	184 839,248	16,309	15,842	92	81	8 507	76,798	228,545	2,976	2,509
43	32	97 037	10 749,421	173 505,806	16,141	15,674	93	82	6 335	54,338	151,747	2,793	2,326
44	33	96 849	10 193,515	162 756,385	15,967	15,500	94	83	4 559	37,149	97,409	2,622	2,155
45	34	96 648	9 664,871	152 562,870	15,785	15,319	95	84	3 145	24,347	60,260	2,475	2,008
46	35	96 429	9 162,018	142 897,999	15,597	15,130	96	85	2 087	15,357	35,912	2,339	1,872
47	36	96 185	8 682,993	133 735,980	15,402	14,935	97	86	1 325	9,264	20,555	2,219	1,752
48	37	95 915	8 226,715	125 052,987	15,201	14,734	98	87	809	5,371	11,291	2,102	1,636
49	38	95 615	7 791,906	116 826,272	14,993	14,526	99	88	472	2,979	5,921	1,988	1,521
							100	89	259	1,554	2,942	1,893	1,426

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	7 381,495	109 334,725	14,812	14,345
1							51	39	94 975	6 986,887	101 953,230	14,592	14,125
2							52	40	94 574	6 610,317	94 966,343	14,366	13,900
3							53	41	94 136	6 251,529	88 356,026	14,134	13,667
4							54	42	93 643	5 908,549	82 104,498	13,896	13,429
5							55	43	93 099	5 581,201	76 195,948	13,652	13,185
6							56	44	92 486	5 267,925	70 614,747	13,405	12,938
7							57	45	91 814	4 968,749	65 346,822	13,152	12,685
8							58	46	91 066	4 682,485	60 378,073	12,894	12,428
9							59	47	90 256	4 409,326	55 695,589	12,631	12,165
10							60	48	89 356	4 147,583	51 286,263	12,365	11,899
11							61	49	88 368	3 897,124	47 138,681	12,096	11,629
12	0	99 543	53 869,987	1 026 249,380	19,050	18,584	62	50	87 284	3 657,339	43 241,556	11,823	11,356
13	1	99 247	51 030,353	972 379,392	19,055	18,588	63	51	86 099	3 427,732	39 584,218	11,548	11,081
14	2	99 215	48 469,608	921 349,039	19,009	18,542	64	52	84 807	3 207,888	36 156,485	11,271	10,804
15	3	99 190	46 040,144	872 879,431	18,959	18,492	65	53	83 425	2 998,174	32 948,598	10,990	10,523
16	4	99 165	43 732,446	826 839,286	18,907	18,440	66	54	81 940	2 797,937	29 950,424	10,704	10,238
17	5	99 133	41 537,692	783 106,840	18,853	18,386	67	55	80 342	2 606,514	27 152,486	10,417	9,950
18	6	99 100	39 452,537	741 569,148	18,796	18,330	68	56	78 644	2 424,154	24 545,972	10,126	9,659
19	7	99 054	37 467,390	702 116,612	18,739	18,273	69	57	76 838	2 250,367	22 121,818	9,830	9,364
20	8	99 010	35 582,411	664 649,221	18,679	18,212	70	58	74 936	2 085,176	19 871,451	9,530	9,063
21	9	98 962	33 791,131	629 066,810	18,616	18,150	71	59	72 943	1 928,485	17 786,275	9,223	8,756
22	10	98 916	32 090,896	595 275,680	18,550	18,083	72	60	70 795	1 778,316	15 857,790	8,917	8,451
23	11	98 869	30 475,686	563 184,783	18,480	18,013	73	61	68 581	1 636,768	14 079,474	8,602	8,135
24	12	98 820	28 941,128	532 709,097	18,407	17,940	74	62	66 231	1 501,853	12 442,705	8,285	7,818
25	13	98 769	27 483,176	503 767,969	18,330	17,863	75	63	63 773	1 373,979	10 940,852	7,963	7,496
26	14	98 717	26 098,685	476 284,792	18,249	17,783	76	64	61 173	1 252,223	9 566,874	7,640	7,173
27	15	98 665	24 783,637	450 186,107	18,165	17,698	77	65	58 446	1 136,723	8 314,651	7,315	6,848
28	16	98 609	23 534,084	425 402,470	18,076	17,609	78	66	55 644	1 028,231	7 177,928	6,981	6,514
29	17	98 551	22 346,975	401 868,386	17,983	17,516	79	67	52 690	925,080	6 149,697	6,648	6,181
30	18	98 489	21 219,054	379 521,411	17,886	17,419	80	68	49 614	827,634	5 224,617	6,313	5,846
31	19	98 421	20 146,704	358 302,357	17,785	17,318	81	69	46 368	734,907	4 396,983	5,983	5,516
32	20	98 349	19 127,637	338 155,653	17,679	17,212	82	70	42 982	647,257	3 662,076	5,658	5,191
33	21	98 273	18 159,451	319 028,016	17,568	17,101	83	71	39 497	565,108	3 014,820	5,335	4,868
34	22	98 187	17 238,611	300 868,565	17,453	16,986	84	72	35 874	487,672	2 449,712	5,023	4,556
35	23	98 102	16 364,472	283 629,954	17,332	16,865	85	73	32 173	415,535	1 962,039	4,722	4,255
36	24	98 011	15 533,912	267 265,482	17,205	16,738	86	74	28 410	348,638	1 546,505	4,436	3,969
37	25	97 909	14 743,605	251 731,570	17,074	16,607	87	75	24 695	287,928	1 197,867	4,160	3,694
38	26	97 792	13 991,481	236 987,964	16,938	16,471	88	76	21 076	233,473	909,939	3,897	3,431
39	27	97 675	13 277,695	222 996,483	16,795	16,328	89	77	17 585	185,086	676,466	3,655	3,188
40	28	97 542	12 598,178	209 718,788	16,647	16,180	90	78	14 329	143,290	491,380	3,429	2,962
41	29	97 398	11 952,107	197 120,610	16,493	16,026	91	79	11 383	108,151	348,089	3,219	2,752
42	30	97 233	11 336,648	185 168,503	16,334	15,867	92	80	8 818	79,605	239,938	3,014	2,547
43	31	97 068	10 752,884	173 831,855	16,166	15,699	93	81	6 602	56,627	160,334	2,831	2,365
44	32	96 882	10 196,940	163 078,971	15,993	15,526	94	82	4 783	38,982	103,707	2,660	2,194
45	33	96 681	9 668,257	152 882,032	15,813	15,346	95	83	3 328	25,770	64,725	2,512	2,045
46	34	96 466	9 165,518	143 213,774	15,625	15,158	96	84	2 230	16,403	38,955	2,375	1,908
47	35	96 230	8 687,050	134 048,256	15,431	14,964	97	85	1 431	10,001	22,552	2,255	1,788
48	36	95 961	8 230,639	125 361,207	15,231	14,764	98	86	884	5,871	12,551	2,138	1,671
49	37	95 663	7 795,843	117 130,567	15,025	14,558	99	87	524	3,307	6,680	2,020	1,553
							100	88	292	1,753	3,373	1,924	1,458

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	37	95 383	7 385,224	109 609,075	14,842	14,375
							51	38	95 028	6 990,760	102 223,851	14,623	14,156
							52	39	94 636	6 614,621	95 233,090	14,397	13,931
							53	40	94 196	6 255,489	88 618,470	14,167	13,700
							54	41	93 712	5 912,883	82 362,981	13,929	13,463
							55	42	93 174	5 585,708	76 450,098	13,687	13,220
							56	43	92 569	5 272,648	70 864,390	13,440	12,973
							57	44	91 901	4 973,453	65 591,742	13,188	12,722
							58	45	91 165	4 687,527	60 618,289	12,932	12,465
							59	46	90 363	4 414,553	55 930,762	12,670	12,203
							60	47	89 472	4 152,979	51 516,209	12,405	11,938
							61	48	88 502	3 903,046	47 363,230	12,135	11,668
							62	49	87 431	3 663,508	43 460,184	11,863	11,396
	0	99 535	51 178,355	972 913,422	19,010	18,543	63	50	86 258	3 434,064	39 796,676	11,589	11,122
	1	99 237	48 480,391	921 735,067	19,013	18,546	64	51	84 984	3 214,563	36 362,612	11,312	10,845
	2	99 203	46 046,195	873 254,676	18,965	18,498	65	52	83 609	3 004,798	33 148,049	11,032	10,565
	3	99 175	43 736,806	827 208,481	18,913	18,447	66	53	82 144	2 804,889	30 143,251	10,747	10,280
	4	99 142	41 541,516	783 471,675	18,860	18,393	67	54	80 564	2 613,713	27 338,362	10,460	9,993
	5	99 107	39 455,218	741 930,159	18,804	18,338	68	55	78 889	2 431,723	24 724,649	10,168	9,701
	6	99 062	37 470,126	702 474,941	18,748	18,281	69	56	77 099	2 258,002	22 292,926	9,873	9,406
	7	99 014	35 584,106	665 004,815	18,688	18,221	70	57	75 218	2 093,038	20 034,924	9,572	9,105
	8	98 969	33 793,566	629 420,709	18,625	18,159	71	58	73 249	1 936,567	17 941,885	9,265	8,798
	9	98 922	32 092,602	595 627,143	18,560	18,093	72	59	71 124	1 786,596	16 005,318	8,959	8,492
	10	98 875	30 477,380	563 534,541	18,490	18,023	73	60	68 934	1 645,203	14 218,722	8,643	8,176
	11	98 828	28 943,354	533 057,161	18,417	17,950	74	61	66 603	1 510,290	12 573,519	8,325	7,858
	12	98 775	27 484,913	504 113,807	18,341	17,875	75	62	64 166	1 382,442	11 063,229	8,003	7,536
	13	98 725	26 100,748	476 628,893	18,261	17,794	76	63	61 590	1 260,746	9 680,787	7,679	7,212
	14	98 674	24 785,924	450 528,145	18,177	17,710	77	64	58 882	1 145,207	8 420,041	7,352	6,886
	15	98 620	23 536,808	425 742,221	18,088	17,622	78	65	56 093	1 036,538	7 274,834	7,018	6,552
	16	98 563	22 349,832	402 205,413	17,996	17,529	79	66	53 155	933,253	6 238,296	6,684	6,218
	17	98 502	21 221,806	379 855,580	17,899	17,433	80	67	50 083	835,452	5 305,043	6,350	5,883
	18	98 437	20 149,975	358 633,775	17,798	17,331	81	68	46 847	742,483	4 469,592	6,020	5,553
	19	98 365	19 130,781	338 483,800	17,693	17,226	82	69	43 484	654,817	3 727,108	5,692	5,225
	20	98 289	18 162,424	319 353,019	17,583	17,116	83	70	39 999	572,291	3 072,291	5,368	4,902
	21	98 204	17 241,539	301 190,594	17,469	17,002	84	71	36 377	494,504	2 500,000	5,056	4,589
	22	98 118	16 367,218	283 949,055	17,349	16,882	85	72	32 661	421,840	2 005,496	4,754	4,287
	23	98 027	15 536,453	267 581,837	17,223	16,756	86	73	28 894	354,572	1 583,656	4,466	4,000
	24	97 925	14 746,027	252 045,384	17,092	16,626	87	74	25 152	293,263	1 229,084	4,191	3,724
	25	97 811	13 994,202	237 299,357	16,957	16,490	88	75	21 508	238,267	935,821	3,928	3,461
	26	97 693	13 280,062	223 305,155	16,815	16,348	89	76	17 983	189,278	697,554	3,685	3,219
	27	97 563	12 600,821	210 025,093	16,668	16,201	90	77	14 680	146,805	508,275	3,462	2,995
	28	97 421	11 954,952	197 424,272	16,514	16,047	91	78	11 701	111,176	361,471	3,251	2,785
	29	97 257	11 339,446	185 469,320	16,356	15,889	92	79	9 098	82,135	250,295	3,047	2,581
	30	97 095	10 755,925	174 129,873	16,189	15,722	93	80	6 843	58,696	168,160	2,865	2,398
	31	96 913	10 200,224	163 373,948	16,017	15,550	94	81	4 985	40,623	109,463	2,695	2,228
	32	96 714	9 671,506	153 173,724	15,838	15,371	95	82	3 492	27,041	68,840	2,546	2,079
	33	96 500	9 168,729	143 502,218	15,651	15,184	96	83	2 360	17,362	41,799	2,408	1,941
	34	96 267	8 690,368	134 333,489	15,458	14,991	97	84	1 528	10,683	24,438	2,288	1,821
	35	96 006	8 234,484	125 643,121	15,258	14,791	98	85	954	6,339	13,755	2,170	1,703
	36	95 709	7 799,562	117 408,637	15,053	14,586	99	86	573	3,615	7,416	2,052	1,585
							100	87	325	1,946	3,802	1,954	1,487

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	7 388,747	109 859,719	14,869	14,402
1							51	37	95 076	6 994,292	102 470,972	14,651	14,184
2							52	38	94 688	6 618,288	95 476,680	14,426	13,959
3							53	39	94 257	6 259,562	88 858,392	14,196	13,729
4							54	40	93 771	5 916,629	82 598,830	13,960	13,494
5							55	41	93 242	5 589,805	76 682,201	13,718	13,251
6							56	42	92 644	5 276,906	71 092,396	13,472	13,006
7							57	43	91 983	4 977,912	65 815,491	13,222	12,755
8							58	44	91 251	4 691,965	60 837,579	12,966	12,500
9							59	45	90 460	4 419,307	56 145,614	12,705	12,238
10							60	46	89 578	4 157,903	51 726,307	12,440	11,974
11							61	47	88 617	3 908,124	47 568,405	12,172	11,705
12							62	48	87 564	3 669,075	43 660,281	11,900	11,433
13							63	49	86 404	3 439,857	39 991,206	11,626	11,159
14	0	99 525	48 620,996	922 228,805	18,968	18,501	64	50	85 141	3 220,501	36 551,349	11,350	10,883
15	1	99 225	46 056,439	873 607,809	18,968	18,501	65	51	83 783	3 011,050	33 330,848	11,070	10,603
16	2	99 188	43 742,554	827 551,370	18,919	18,452	66	52	82 325	2 811,086	30 319,798	10,786	10,319
17	3	99 152	41 545,658	783 808,816	18,866	18,399	67	53	80 764	2 620,208	27 508,712	10,499	10,032
18	4	99 116	39 458,850	742 263,158	18,811	18,344	68	54	79 107	2 438,439	24 888,504	10,207	9,740
19	5	99 068	37 472,672	702 804,308	18,755	18,288	69	55	77 340	2 265,052	22 450,065	9,912	9,445
20	6	99 022	35 586,704	665 331,636	18,696	18,229	70	56	75 474	2 100,140	20 185,013	9,611	9,144
21	7	98 973	33 795,176	629 744,931	18,634	18,167	71	57	73 525	1 943,869	18 084,873	9,304	8,837
22	8	98 929	32 094,915	595 949,756	18,568	18,102	72	58	71 422	1 794,084	16 141,004	8,997	8,530
23	9	98 880	30 479,000	563 854,841	18,500	18,033	73	59	69 255	1 652,863	14 346,920	8,680	8,213
24	10	98 833	28 944,963	533 375,840	18,427	17,960	74	60	66 947	1 518,073	12 694,057	8,362	7,895
25	11	98 783	27 487,027	504 430,877	18,352	17,885	75	61	64 526	1 390,208	11 175,984	8,039	7,572
26	12	98 731	26 102,398	476 943,850	18,272	17,805	76	62	61 969	1 268,512	9 785,776	7,714	7,248
27	13	98 682	24 787,883	450 841,452	18,188	17,721	77	63	59 283	1 153,002	8 517,265	7,387	6,920
28	14	98 629	23 538,980	426 053,569	18,100	17,633	78	64	56 512	1 044,275	7 364,263	7,052	6,585
29	15	98 575	22 352,420	402 514,589	18,008	17,541	79	65	53 585	940,792	6 319,988	6,718	6,251
30	16	98 515	21 224,519	380 162,169	17,911	17,445	80	66	50 525	842,833	5 379,196	6,382	5,915
31	17	98 450	20 152,588	358 937,650	17,811	17,344	81	67	47 289	749,497	4 536,363	6,053	5,586
32	18	98 381	19 133,887	338 785,062	17,706	17,239	82	68	43 933	661,568	3 786,866	5,724	5,257
33	19	98 305	18 165,410	319 651,175	17,597	17,130	83	69	40 466	578,976	3 125,298	5,398	4,931
34	20	98 220	17 244,362	301 485,765	17,483	17,016	84	70	36 839	500,789	2 546,322	5,085	4,618
35	21	98 135	16 369,998	284 241,403	17,364	16,897	85	71	33 118	427,749	2 045,533	4,782	4,315
36	22	98 044	15 539,060	267 871,406	17,239	16,772	86	72	29 332	359,953	1 617,783	4,494	4,028
37	23	97 941	14 748,440	252 332,346	17,109	16,642	87	73	25 581	298,255	1 257,830	4,217	3,751
38	24	97 827	13 996,501	237 583,906	16,975	16,508	88	74	21 907	242,682	959,576	3,954	3,487
39	25	97 712	13 282,644	223 587,405	16,833	16,366	89	75	18 352	193,165	716,894	3,711	3,245
40	26	97 580	12 603,067	210 304,760	16,687	16,220	90	76	15 013	150,130	523,729	3,489	3,022
41	27	97 442	11 957,460	197 701,693	16,534	16,067	91	77	11 988	113,903	373,599	3,280	2,813
42	28	97 280	11 342,146	185 744,233	16,376	15,910	92	78	9 353	84,432	259,697	3,076	2,609
43	29	97 119	10 758,580	174 402,087	16,211	15,744	93	79	7 061	60,562	175,264	2,894	2,427
44	30	96 940	10 203,110	163 643,507	16,039	15,572	94	80	5 167	42,108	114,702	2,724	2,257
45	31	96 745	9 674,621	153 440,398	15,860	15,393	95	81	3 639	28,180	72,594	2,576	2,109
46	32	96 532	9 171,810	143 765,776	15,675	15,208	96	82	2 476	18,218	44,414	2,438	1,971
47	33	96 301	8 693,412	134 593,966	15,482	15,015	97	83	1 618	11,307	26,196	2,317	1,850
48	34	96 042	8 237,630	125 900,554	15,284	14,817	98	84	1 019	6,770	14,890	2,199	1,732
49	35	95 754	7 803,206	117 662,925	15,079	14,612	99	85	618	3,902	8,119	2,081	1,614
							100	86	355	2,127	4,217	1,983	1,516

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	7 392,199	110 088,880	14,893	14,426
1							51	36	95 121	6 997,629	102 696,681	14,676	14,209
2							52	37	94 736	6 621,631	95 699,052	14,452	13,986
3							53	38	94 310	6 263,032	89 077,421	14,223	13,756
4							54	39	93 832	5 920,481	82 814,388	13,988	13,521
5							55	40	93 301	5 593,346	76 893,907	13,747	13,281
6							56	41	92 712	5 280,776	71 300,561	13,502	13,035
7							57	42	92 057	4 981,931	66 019,785	13,252	12,785
8							58	43	91 333	4 696,171	61 037,854	12,997	12,531
9							59	44	90 546	4 423,491	56 341,683	12,737	12,270
10							60	45	89 674	4 162,380	51 918,192	12,473	12,006
11							61	46	88 722	3 912,757	47 755,812	12,205	11,738
12							62	47	87 678	3 673,848	43 843,055	11,934	11,467
13							63	48	86 535	3 445,084	40 169,206	11,660	11,193
14							64	49	85 285	3 225,934	36 724,122	11,384	10,917
15	0	99 513	46 190,014	874 064,380	18,923	18,456	65	50	83 938	3 016,613	33 498,189	11,105	10,638
16	1	99 210	43 752,285	827 874,366	18,922	18,455	66	51	82 497	2 816,935	30 481,576	10,821	10,354
17	2	99 165	41 551,118	784 122,080	18,871	18,404	67	52	80 942	2 625,997	27 664,641	10,535	10,068
18	3	99 126	39 462,784	742 570,962	18,817	18,350	68	53	79 304	2 444,498	25 038,644	10,243	9,776
19	4	99 077	37 476,122	703 108,178	18,761	18,295	69	54	77 553	2 271,308	22 594,147	9,948	9,481
20	5	99 028	35 589,122	665 632,056	18,703	18,236	70	55	75 709	2 106,697	20 322,839	9,647	9,180
21	6	98 981	33 797,644	630 042,934	18,642	18,175	71	56	73 775	1 950,465	18 216,142	9,339	8,873
22	7	98 933	32 096,444	596 245,290	18,577	18,110	72	57	71 692	1 800,849	16 265,677	9,032	8,565
23	8	98 887	30 481,197	564 148,847	18,508	18,041	73	58	69 545	1 659,790	14 464,828	8,715	8,248
24	9	98 839	28 946,502	533 667,649	18,436	17,970	74	59	67 258	1 525,141	12 805,038	8,396	7,929
25	10	98 788	27 488,556	504 721,148	18,361	17,894	75	60	64 859	1 397,372	11 279,897	8,072	7,605
26	11	98 739	26 104,406	477 232,592	18,282	17,815	76	61	62 317	1 275,638	9 882,526	7,747	7,280
27	12	98 688	24 789,450	451 128,187	18,198	17,732	77	62	59 648	1 160,104	8 606,888	7,419	6,952
28	13	98 637	23 540,841	426 338,737	18,111	17,644	78	63	56 896	1 051,382	7 446,784	7,083	6,616
29	14	98 584	22 354,482	402 797,896	18,019	17,552	79	64	53 985	947,814	6 395,402	6,748	6,281
30	15	98 526	21 226,977	380 443,414	17,923	17,456	80	65	50 934	849,642	5 447,588	6,412	5,945
31	16	98 463	20 155,164	359 216,438	17,823	17,356	81	66	47 707	756,119	4 597,946	6,081	5,614
32	17	98 394	19 136,368	339 061,273	17,718	17,251	82	67	44 348	667,817	3 841,827	5,753	5,286
33	18	98 321	18 168,359	319 924,905	17,609	17,142	83	68	40 884	584,945	3 174,009	5,426	4,959
34	19	98 236	17 247,197	301 756,546	17,496	17,029	84	69	37 270	506,639	2 589,064	5,110	4,643
35	20	98 151	16 372,678	284 509,350	17,377	16,910	85	70	33 539	433,187	2 082,425	4,807	4,340
36	21	98 061	15 541,699	268 136,672	17,253	16,786	86	71	29 743	364,995	1 649,239	4,519	4,052
37	22	97 957	14 750,915	252 594,973	17,124	16,657	87	72	25 969	302,781	1 284,243	4,241	3,775
38	23	97 843	13 998,791	237 844,059	16,990	16,524	88	73	22 280	246,813	981,463	3,977	3,510
39	24	97 728	13 284,827	223 845,268	16,850	16,383	89	74	18 693	196,744	734,650	3,734	3,267
40	25	97 599	12 605,518	210 560,441	16,704	16,237	90	75	15 321	153,212	537,907	3,511	3,044
41	26	97 459	11 959,592	197 954,923	16,552	16,085	91	76	12 259	116,483	384,694	3,303	2,836
42	27	97 300	11 344,525	185 995,331	16,395	15,928	92	77	9 582	86,503	268,212	3,101	2,634
43	28	97 142	10 761,141	174 650,806	16,230	15,763	93	78	7 258	62,256	181,709	2,919	2,452
44	29	96 964	10 205,628	163 889,665	16,059	15,592	94	79	5 331	43,447	119,453	2,749	2,283
45	30	96 772	9 677,358	153 684,037	15,881	15,414	95	80	3 772	29,210	76,006	2,602	2,135
46	31	96 563	9 174,764	144 006,679	15,696	15,229	96	81	2 581	18,985	46,796	2,465	1,998
47	32	96 333	8 696,333	134 831,915	15,504	15,038	97	82	1 697	11,864	27,811	2,344	1,877
48	33	96 076	8 240,516	126 135,581	15,307	14,840	98	83	1 079	7,166	15,947	2,225	1,759
49	34	95 790	7 806,186	117 895,066	15,103	14,636	99	84	661	4,168	8,781	2,107	1,640
							100	85	383	2,296	4,612	2,009	1,542

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	7 395,022	110 298,020	14,915	14,448
1							51	35	95 166	7 000,898	102 902,998	14,699	14,232
2							52	36	94 781	6 624,790	95 902,100	14,476	14,009
3							53	37	94 357	6 266,196	89 277,310	14,247	13,781
4							54	38	93 884	5 923,764	83 011,114	14,013	13,546
5							55	39	93 362	5 596,988	77 087,350	13,773	13,306
6							56	40	92 771	5 284,122	71 490,362	13,529	13,062
7							57	41	92 125	4 985,585	66 206,241	13,280	12,813
8							58	42	91 406	4 699,963	61 220,655	13,026	12,559
9							59	43	90 627	4 427,457	56 520,692	12,766	12,299
10							60	44	89 759	4 166,321	52 093,235	12,503	12,037
11							61	45	88 818	3 916,971	47 926,915	12,236	11,769
12							62	46	87 782	3 678,204	44 009,944	11,965	11,498
13							63	47	86 648	3 449,566	40 331,740	11,692	11,225
14							64	48	85 414	3 230,835	36 882,174	11,416	10,949
15							65	49	84 079	3 021,701	33 651,339	11,137	10,670
16	0	99 497	43 879,178	828 296,647	18,877	18,410	66	50	82 649	2 822,139	30 629,638	10,853	10,387
17	1	99 187	41 560,362	784 417,469	18,874	18,407	67	51	81 111	2 631,461	27 807,498	10,567	10,101
18	2	99 139	39 467,971	742 857,107	18,822	18,355	68	52	79 479	2 449,898	25 176,038	10,276	9,810
19	3	99 087	37 479,859	703 389,137	18,767	18,300	69	53	77 746	2 276,952	22 726,139	9,981	9,514
20	4	99 037	35 592,399	665 909,278	18,709	18,243	70	54	75 918	2 112,516	20 449,188	9,680	9,213
21	5	98 987	33 799,940	630 316,879	18,648	18,182	71	55	74 005	1 956,554	18 336,672	9,372	8,905
22	6	98 941	32 098,788	596 516,939	18,584	18,117	72	56	71 935	1 806,959	16 380,118	9,065	8,598
23	7	98 892	30 482,649	564 418,152	18,516	18,049	73	57	69 807	1 666,048	14 573,159	8,747	8,280
24	8	98 846	28 948,588	533 935,503	18,444	17,977	74	58	67 540	1 531,533	12 907,111	8,428	7,961
25	9	98 793	27 490,017	504 986,915	18,370	17,903	75	59	65 161	1 403,878	11 375,578	8,103	7,636
26	10	98 744	26 105,857	477 496,898	18,291	17,824	76	60	62 638	1 282,211	9 971,700	7,777	7,310
27	11	98 695	24 791,356	451 391,041	18,208	17,741	77	61	59 983	1 166,621	8 689,489	7,448	6,982
28	12	98 643	23 542,328	426 599,685	18,121	17,654	78	62	57 247	1 057,858	7 522,868	7,111	6,645
29	13	98 592	22 356,249	403 057,357	18,029	17,562	79	63	54 352	954,265	6 465,010	6,775	6,308
30	14	98 535	21 228,935	380 701,108	17,933	17,466	80	64	51 314	855,984	5 510,744	6,438	5,971
31	15	98 474	20 157,498	359 472,173	17,833	17,366	81	65	48 092	762,227	4 654,761	6,107	5,640
32	16	98 406	19 138,815	339 314,675	17,729	17,262	82	66	44 739	673,718	3 892,533	5,778	5,311
33	17	98 333	18 170,715	320 175,860	17,620	17,154	83	67	41 270	590,471	3 218,816	5,451	4,984
34	18	98 252	17 249,997	302 005,145	17,508	17,041	84	68	37 654	511,862	2 628,345	5,135	4,668
35	19	98 167	16 375,369	284 755,149	17,389	16,922	85	69	33 931	438,247	2 116,483	4,829	4,363
36	20	98 077	15 544,244	268 379,779	17,266	16,799	86	70	30 121	369,635	1 678,236	4,540	4,073
37	21	97 974	14 753,420	252 835,536	17,137	16,671	87	71	26 333	307,022	1 308,602	4,262	3,795
38	22	97 860	14 001,140	238 082,116	17,004	16,538	88	72	22 618	250,558	1 001,580	3,997	3,531
39	23	97 744	13 287,000	224 080,977	16,865	16,398	89	73	19 011	200,093	751,022	3,753	3,287
40	24	97 615	12 607,589	210 793,977	16,720	16,253	90	74	15 605	156,051	550,929	3,530	3,064
41	25	97 478	11 961,917	198 186,387	16,568	16,101	91	75	12 511	118,874	394,878	3,322	2,855
42	26	97 318	11 346,547	186 224,470	16,412	15,946	92	76	9 799	88,462	276,004	3,120	2,653
43	27	97 163	10 763,399	174 877,923	16,247	15,781	93	77	7 436	63,783	187,541	2,940	2,474
44	28	96 987	10 208,057	164 114,524	16,077	15,610	94	78	5 480	44,662	123,758	2,771	2,304
45	29	96 796	9 679,747	153 906,467	15,900	15,433	95	79	3 892	30,138	79,096	2,624	2,158
46	30	96 591	9 177,359	144 226,720	15,715	15,249	96	80	2 675	19,679	48,958	2,488	2,021
47	31	96 364	8 699,135	135 049,361	15,524	15,058	97	81	1 769	12,364	29,279	2,368	1,901
48	32	96 108	8 243,285	126 350,226	15,328	14,861	98	82	1 132	7,519	16,915	2,250	1,783
49	33	95 824	7 808,921	118 106,941	15,125	14,658	99	83	699	4,412	9,396	2,130	1,663
							100	84	409	2,453	4,984	2,032	1,565

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	7 397,613	110 488,843	14,936	14,469
1							51	34	95 202	7 003,572	103 091,230	14,720	14,253
2							52	35	94 825	6 627,885	96 087,658	14,497	14,031
3							53	36	94 402	6 269,186	89 459,773	14,270	13,803
4							54	37	93 931	5 926,756	83 190,587	14,036	13,570
5							55	38	93 414	5 600,091	77 263,831	13,797	13,330
6							56	39	92 831	5 287,562	71 663,740	13,553	13,086
7							57	40	92 183	4 988,744	66 376,178	13,305	12,838
8							58	41	91 473	4 703,411	61 387,434	13,052	12,585
9							59	42	90 700	4 431,032	56 684,024	12,793	12,326
10							60	43	89 840	4 170,056	52 252,992	12,531	12,064
11							61	44	88 902	3 920,679	48 082,936	12,264	11,797
12							62	45	87 877	3 682,165	44 162,257	11,994	11,527
13							63	46	86 750	3 453,656	40 480,093	11,721	11,254
14							64	47	85 525	3 235,039	37 026,437	11,445	10,979
15							65	48	84 207	3 026,293	33 791,398	11,166	10,699
16							66	49	82 788	2 826,900	30 765,105	10,883	10,416
17	0	99 475	41 680,897	784 808,104	18,829	18,362	67	50	81 260	2 636,322	27 938,205	10,597	10,131
18	1	99 161	39 476,751	743 127,207	18,824	18,358	68	51	79 644	2 454,996	25 301,884	10,306	9,839
19	2	99 100	37 484,784	703 650,456	18,772	18,305	69	52	77 918	2 281,982	22 846,888	10,012	9,545
20	3	99 047	35 595,948	666 165,672	18,715	18,248	70	53	76 107	2 117,765	20 564,906	9,711	9,244
21	4	98 997	33 803,052	630 569,724	18,654	18,187	71	54	74 209	1 961,958	18 447,141	9,402	8,936
22	5	98 947	32 100,969	596 766,673	18,590	18,124	72	55	72 160	1 812,600	16 485,183	9,095	8,628
23	6	98 899	30 484,875	564 665,704	18,523	18,056	73	56	70 044	1 671,701	14 672,583	8,777	8,310
24	7	98 850	28 949,967	534 180,829	18,452	17,985	74	57	67 795	1 537,307	13 000,881	8,457	7,990
25	8	98 800	27 491,998	505 230,862	18,377	17,911	75	58	65 434	1 409,762	11 463,574	8,132	7,665
26	9	98 750	26 107,244	477 738,865	18,299	17,832	76	59	62 930	1 288,181	10 053,812	7,805	7,338
27	10	98 701	24 792,734	451 631,620	18,216	17,749	77	60	60 293	1 172,633	8 765,631	7,475	7,008
28	11	98 651	23 544,139	426 838,886	18,129	17,663	78	61	57 568	1 063,801	7 592,998	7,138	6,671
29	12	98 598	22 357,662	403 294,747	18,038	17,572	79	62	54 687	960,143	6 529,197	6,800	6,333
30	13	98 543	21 230,613	380 937,084	17,943	17,476	80	63	51 663	861,810	5 569,054	6,462	5,995
31	14	98 483	20 159,358	359 706,471	17,843	17,376	81	64	48 451	767,917	4 707,244	6,130	5,663
32	15	98 418	19 141,031	339 547,114	17,739	17,272	82	65	45 101	679,160	3 939,328	5,800	5,333
33	16	98 346	18 173,038	320 406,083	17,631	17,164	83	66	41 634	595,687	3 260,168	5,473	5,006
34	17	98 265	17 252,233	302 233,045	17,518	17,052	84	67	38 010	516,697	2 664,480	5,157	4,690
35	18	98 183	16 378,028	284 980,812	17,400	16,933	85	68	34 281	442,765	2 147,783	4,851	4,384
36	19	98 093	15 546,799	268 602,784	17,277	16,810	86	69	30 473	373,953	1 705,018	4,559	4,093
37	20	97 990	14 755,835	253 055,985	17,150	16,683	87	70	26 667	310,925	1 331,066	4,281	3,814
38	21	97 876	14 003,518	238 300,150	17,017	16,550	88	71	22 935	254,068	1 020,141	4,015	3,548
39	22	97 760	13 289,230	224 296,633	16,878	16,411	89	72	19 299	203,129	766,073	3,771	3,305
40	23	97 631	12 609,652	211 007,403	16,734	16,267	90	73	15 870	158,707	562,944	3,547	3,080
41	24	97 494	11 963,883	198 397,751	16,583	16,116	91	74	12 743	121,077	404,237	3,339	2,872
42	25	97 337	11 348,754	186 433,869	16,428	15,961	92	75	10 000	90,279	283,160	3,137	2,670
43	26	97 180	10 765,317	175 085,115	16,264	15,797	93	76	7 605	65,228	192,881	2,957	2,490
44	27	97 008	10 210,199	164 319,797	16,094	15,627	94	77	5 615	45,757	127,654	2,790	2,323
45	28	96 819	9 682,051	154 109,598	15,917	15,450	95	78	4 001	30,981	81,896	2,643	2,177
46	29	96 614	9 179,625	144 427,548	15,733	15,267	96	79	2 760	20,305	50,915	2,508	2,041
47	30	96 391	8 701,595	135 247,923	15,543	15,076	97	80	1 834	12,816	30,611	2,388	1,922
48	31	96 139	8 245,940	126 546,328	15,347	14,880	98	81	1 180	7,836	17,795	2,271	1,804
49	32	95 856	7 811,545	118 300,388	15,144	14,678	99	82	734	4,629	9,959	2,151	1,684
							100	83	433	2,596	5,329	2,053	1,586

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	7 400,099	110 663,016	14,954	14,487
1							51	33	95 236	7 006,026	103 262,917	14,739	14,272
2							52	34	94 862	6 630,417	96 256,891	14,517	14,051
3							53	35	94 446	6 272,114	89 626,475	14,290	13,823
4							54	36	93 976	5 929,584	83 354,360	14,057	13,591
5							55	37	93 461	5 602,920	77 424,776	13,819	13,352
6							56	38	92 883	5 290,493	71 821,857	13,576	13,109
7							57	39	92 243	4 991,992	66 531,363	13,328	12,861
8							58	40	91 531	4 706,390	61 539,371	13,076	12,609
9							59	41	90 767	4 434,282	56 832,981	12,817	12,350
10							60	42	89 912	4 173,423	52 398,699	12,555	12,089
11							61	43	88 981	3 924,194	48 225,276	12,289	11,822
12							62	44	87 960	3 685,651	44 301,082	12,020	11,553
13							63	45	86 844	3 457,375	40 615,431	11,747	11,281
14							64	46	85 627	3 238,874	37 158,056	11,473	11,006
15							65	47	84 316	3 030,230	33 919,182	11,194	10,727
16							66	48	82 914	2 831,195	30 888,952	10,910	10,443
17							67	49	81 398	2 640,769	28 057,757	10,625	10,158
18	0	99 448	39 591,243	743 488,636	18,779	18,312	68	50	79 791	2 459,531	25 416,988	10,334	9,867
19	1	99 122	37 493,123	703 897,392	18,774	18,307	69	51	78 080	2 286,730	22 957,457	10,039	9,573
20	2	99 060	35 600,626	666 404,269	18,719	18,252	70	52	76 275	2 122,443	20 670,726	9,739	9,272
21	3	99 006	33 806,422	630 803,644	18,659	18,192	71	53	74 394	1 966,833	18 548,283	9,431	8,964
22	4	98 957	32 103,924	596 997,221	18,596	18,129	72	54	72 359	1 817,607	16 581,450	9,123	8,656
23	5	98 906	30 486,946	564 893,298	18,529	18,062	73	55	70 263	1 676,921	14 763,844	8,804	8,337
24	6	98 858	28 952,081	534 406,351	18,458	17,992	74	56	68 025	1 542,524	13 086,923	8,484	8,017
25	7	98 805	27 493,307	505 454,271	18,385	17,918	75	57	65 681	1 415,077	11 544,399	8,158	7,691
26	8	98 757	26 109,126	477 960,963	18,306	17,839	76	58	63 194	1 293,580	10 129,322	7,830	7,364
27	9	98 706	24 794,052	451 851,837	18,224	17,757	77	59	60 573	1 178,092	8 835,742	7,500	7,033
28	10	98 657	23 545,448	427 057,785	18,138	17,671	78	60	57 865	1 069,283	7 657,650	7,161	6,695
29	11	98 605	22 359,382	403 512,337	18,047	17,580	79	61	54 994	965,537	6 588,367	6,824	6,357
30	12	98 549	21 231,955	381 152,955	17,952	17,485	80	62	51 981	867,118	5 622,830	6,485	6,018
31	13	98 491	20 160,951	359 921,000	17,852	17,386	81	63	48 781	773,143	4 755,712	6,151	5,684
32	14	98 427	19 142,797	339 760,049	17,749	17,282	82	64	45 437	684,229	3 982,569	5,821	5,354
33	15	98 357	18 175,143	320 617,253	17,640	17,174	83	65	41 971	600,500	3 298,339	5,493	5,026
34	16	98 277	17 254,439	302 442,110	17,528	17,062	84	66	38 345	521,262	2 697,839	5,176	4,709
35	17	98 195	16 380,151	285 187,671	17,411	16,944	85	67	34 605	446,947	2 176,577	4,870	4,403
36	18	98 109	15 549,323	268 807,520	17,287	16,821	86	68	30 787	377,808	1 729,630	4,578	4,111
37	19	98 006	14 758,261	253 258,197	17,160	16,694	87	69	26 979	314,557	1 351,822	4,298	3,831
38	20	97 892	14 005,810	238 499,936	17,029	16,562	88	70	23 226	257,297	1 037,266	4,031	3,565
39	21	97 777	13 291,486	224 494,126	16,890	16,423	89	71	19 570	205,974	779,968	3,787	3,320
40	22	97 647	12 611,768	211 202,640	16,746	16,280	90	72	16 111	161,116	573,994	3,563	3,096
41	23	97 510	11 965,840	198 590,872	16,596	16,130	91	73	12 960	123,138	412,878	3,353	2,886
42	24	97 353	11 350,618	186 625,032	16,442	15,975	92	74	10 186	91,951	289,740	3,151	2,684
43	25	97 199	10 767,411	175 274,414	16,278	15,811	93	75	7 761	66,567	197,789	2,971	2,504
44	26	97 025	10 212,019	164 507,003	16,109	15,642	94	76	5 742	46,794	131,222	2,804	2,337
45	27	96 840	9 684,082	154 294,984	15,933	15,466	95	77	4 099	31,741	84,428	2,660	2,193
46	28	96 637	9 181,810	144 610,902	15,750	15,283	96	78	2 837	20,872	52,687	2,524	2,057
47	29	96 415	8 703,743	135 429,092	15,560	15,093	97	79	1 892	13,223	31,815	2,406	1,939
48	30	96 167	8 248,272	126 725,349	15,364	14,897	98	80	1 223	8,123	18,592	2,289	1,822
49	31	95 887	7 814,061	118 477,077	15,162	14,695	99	81	765	4,824	10,469	2,170	1,703
							100	82	454	2,724	5,645	2,072	1,605

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	7 402,482	110 822,055	14,971	14,504
1							51	32	95 268	7 008,380	103 419,573	14,757	14,290
2							52	33	94 895	6 632,740	96 411,193	14,536	14,069
3							53	34	94 482	6 274,510	89 778,454	14,308	13,842
4							54	35	94 020	5 932,354	83 503,944	14,076	13,609
5							55	36	93 506	5 605,593	77 571,590	13,838	13,371
6							56	37	92 929	5 293,166	71 965,997	13,596	13,129
7							57	38	92 294	4 994,760	66 672,831	13,349	12,882
8							58	39	91 591	4 709,454	61 678,071	13,097	12,630
9							59	40	90 824	4 437,091	56 968,617	12,839	12,372
10							60	41	89 978	4 176,484	52 531,526	12,578	12,111
11							61	42	89 053	3 927,363	48 355,041	12,312	11,846
12							62	43	88 039	3 688,955	44 427,679	12,043	11,577
13							63	44	86 926	3 460,648	40 738,724	11,772	11,305
14							64	45	85 719	3 242,362	37 278,075	11,497	11,030
15							65	46	84 416	3 033,823	34 035,714	11,219	10,752
16							66	47	83 022	2 834,879	31 001,891	10,936	10,469
17							67	48	81 521	2 644,782	28 167,012	10,650	10,183
18							68	49	79 926	2 463,680	25 522,231	10,359	9,893
19	0	99 410	37 601,863	704 231,854	18,729	18,262	69	50	78 224	2 290,955	23 058,551	10,065	9,598
20	1	99 082	35 608,545	666 629,991	18,721	18,254	70	51	76 434	2 126,860	20 767,596	9,764	9,298
21	2	99 019	33 810,865	631 021,446	18,663	18,196	71	52	74 558	1 971,178	18 640,736	9,457	8,990
22	3	98 966	32 107,125	597 210,581	18,601	18,134	72	53	72 539	1 822,123	16 669,558	9,148	8,682
23	4	98 915	30 489,753	565 103,456	18,534	18,067	73	54	70 457	1 681,552	14 847,435	8,830	8,363
24	5	98 864	28 954,048	534 613,703	18,464	17,997	74	55	68 237	1 547,340	13 165,883	8,509	8,042
25	6	98 812	27 495,315	505 659,655	18,391	17,924	75	56	65 904	1 419,879	11 618,544	8,183	7,716
26	7	98 762	26 110,370	478 164,340	18,313	17,846	76	57	63 432	1 298,458	10 198,665	7,854	7,388
27	8	98 713	24 795,839	452 053,970	18,231	17,764	77	58	60 827	1 183,030	8 900,207	7,523	7,056
28	9	98 662	23 546,700	427 258,131	18,145	17,678	78	59	58 135	1 074,261	7 717,177	7,184	6,717
29	10	98 611	22 360,625	403 711,432	18,055	17,588	79	60	55 277	970,512	6 642,916	6,845	6,378
30	11	98 557	21 233,588	381 350,807	17,960	17,493	80	61	52 273	871,989	5 672,404	6,505	6,038
31	12	98 497	20 162,225	360 117,219	17,861	17,394	81	62	49 081	777,906	4 800,414	6,171	5,704
32	13	98 434	19 144,310	339 954,994	17,757	17,291	82	63	45 747	688,886	4 022,509	5,839	5,372
33	14	98 367	18 176,819	320 810,684	17,649	17,183	83	64	42 284	604,982	3 333,622	5,510	5,043
34	15	98 288	17 256,437	302 633,865	17,537	17,071	84	65	38 655	525,473	2 728,640	5,193	4,726
35	16	98 208	16 382,246	285 377,428	17,420	16,953	85	66	34 910	450,896	2 203,167	4,886	4,419
36	17	98 121	15 551,339	268 995,182	17,297	16,830	86	67	31 078	381,377	1 752,271	4,595	4,128
37	18	98 022	14 760,657	253 443,843	17,170	16,703	87	68	27 257	317,799	1 370,894	4,314	3,847
38	19	97 908	14 008,113	238 683,186	17,039	16,572	88	69	23 498	260,303	1 053,095	4,046	3,579
39	20	97 793	13 293,662	224 675,074	16,901	16,434	89	70	19 818	208,592	792,792	3,801	3,334
40	21	97 664	12 613,909	211 381,411	16,758	16,291	90	71	16 337	163,373	584,200	3,576	3,109
41	22	97 526	11 967,848	198 767,502	16,608	16,142	91	72	13 157	125,006	420,827	3,366	2,900
42	23	97 369	11 352,475	186 799,654	16,455	15,988	92	73	10 359	93,517	295,821	3,163	2,697
43	24	97 215	10 769,180	175 447,179	16,292	15,825	93	74	7 905	67,800	202,304	2,984	2,517
44	25	97 044	10 214,005	164 677,999	16,123	15,656	94	75	5 860	47,755	134,504	2,817	2,350
45	26	96 857	9 685,808	154 463,994	15,947	15,481	95	76	4 192	32,460	86,749	2,673	2,206
46	27	96 658	9 183,736	144 778,186	15,765	15,298	96	77	2 907	21,384	54,289	2,539	2,072
47	28	96 438	8 705,815	135 594,450	15,575	15,108	97	78	1 945	13,593	32,905	2,421	1,954
48	29	96 190	8 250,308	126 888,635	15,380	14,913	98	79	1 262	8,381	19,312	2,304	1,838
49	30	95 914	7 816,271	118 638,327	15,178	14,712	99	80	793	5,001	10,931	2,186	1,719
							100	81	474	2,839	5,930	2,089	1,622

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	7 404,576	110 967,152	14,986	14,519
1							51	31	95 298	7 010,637	103 562,576	14,772	14,305
2							52	32	94 927	6 634,968	96 551,939	14,552	14,085
3							53	33	94 516	6 276,708	89 916,970	14,325	13,859
4							54	34	94 056	5 934,620	83 640,262	14,094	13,627
5							55	35	93 549	5 608,211	77 705,642	13,856	13,389
6							56	36	92 974	5 295,691	72 097,431	13,614	13,148
7							57	37	92 341	4 997,283	66 801,739	13,368	12,901
8							58	38	91 642	4 712,065	61 804,456	13,116	12,649
9							59	39	90 884	4 439,980	57 092,391	12,859	12,392
10							60	40	90 035	4 179,130	52 652,411	12,599	12,132
11							61	41	89 118	3 930,243	48 473,281	12,333	11,867
12							62	42	88 110	3 691,934	44 543,038	12,065	11,598
13							63	43	87 004	3 463,751	40 851,104	11,794	11,327
14							64	44	85 800	3 245,431	37 387,353	11,520	11,053
15							65	45	84 507	3 037,089	34 141,922	11,242	10,775
16							66	46	83 120	2 838,240	31 104,832	10,959	10,492
17							67	47	81 627	2 648,223	28 266,592	10,674	10,207
18							68	48	80 047	2 467,424	25 618,370	10,383	9,916
19							69	49	78 356	2 294,819	23 150,946	10,088	9,622
20	0	99 370	35 711,819	666 939,562	18,676	18,209	70	50	76 575	2 130,789	20 856,127	9,788	9,321
21	1	99 041	33 818,387	631 227,742	18,665	18,198	71	51	74 713	1 975,280	18 725,338	9,480	9,013
22	2	98 979	32 111,344	597 409,356	18,604	18,138	72	52	72 699	1 826,148	16 750,058	9,172	8,706
23	3	98 925	30 492,793	565 298,011	18,539	18,072	73	53	70 632	1 685,730	14 923,910	8,853	8,386
24	4	98 873	28 956,714	534 805,218	18,469	18,002	74	54	68 426	1 551,613	13 238,180	8,532	8,065
25	5	98 819	27 497,183	505 848,504	18,396	17,930	75	55	66 109	1 424,312	11 686,567	8,205	7,738
26	6	98 769	26 112,276	478 351,321	18,319	17,852	76	56	63 647	1 302,863	10 262,255	7,877	7,410
27	7	98 718	24 797,020	452 239,045	18,238	17,771	77	57	61 057	1 187,491	8 959,392	7,545	7,078
28	8	98 669	23 548,397	427 442,025	18,152	17,685	78	58	58 378	1 078,764	7 771,901	7,204	6,738
29	9	98 616	22 361,813	403 893,628	18,062	17,595	79	59	55 535	975,031	6 693,137	6,865	6,398
30	10	98 562	21 234,768	381 531,815	17,967	17,501	80	60	52 543	876,483	5 718,106	6,524	6,057
31	11	98 505	20 163,776	360 297,046	17,869	17,402	81	61	49 357	782,275	4 841,623	6,189	5,722
32	12	98 441	19 145,520	340 133,270	17,766	17,299	82	62	46 029	693,130	4 059,348	5,857	5,390
33	13	98 374	18 178,256	320 987,751	17,658	17,191	83	63	42 572	609,100	3 366,218	5,527	5,060
34	14	98 298	17 258,029	302 809,495	17,546	17,079	84	64	38 944	529,396	2 757,119	5,208	4,741
35	15	98 219	16 384,142	285 551,466	17,429	16,962	85	65	35 192	454,539	2 227,723	4,901	4,434
36	16	98 134	15 553,327	269 167,323	17,306	16,839	86	66	31 353	384,746	1 773,185	4,609	4,142
37	17	98 035	14 762,571	253 613,996	17,180	16,713	87	67	27 514	320,801	1 388,438	4,328	3,861
38	18	97 924	14 010,387	238 851,425	17,048	16,581	88	68	23 740	262,986	1 067,637	4,060	3,593
39	19	97 809	13 295,848	224 841,038	16,911	16,444	89	69	20 050	211,029	804,651	3,813	3,346
40	20	97 680	12 615,974	211 545,191	16,768	16,301	90	70	16 545	165,449	593,622	3,588	3,121
41	21	97 543	11 969,880	198 929,216	16,619	16,152	91	71	13 341	126,758	428,172	3,378	2,911
42	22	97 385	11 354,380	186 959,336	16,466	15,999	92	72	10 516	94,936	301,415	3,175	2,708
43	23	97 231	10 770,942	175 604,956	16,304	15,837	93	73	8 039	68,954	206,479	2,994	2,528
44	24	97 060	10 215,683	164 834,014	16,135	15,669	94	74	5 969	48,639	137,525	2,827	2,361
45	25	96 876	9 687,692	154 618,331	15,960	15,493	95	75	4 278	33,126	88,885	2,683	2,216
46	26	96 675	9 185,373	144 930,639	15,778	15,312	96	76	2 973	21,869	55,759	2,550	2,083
47	27	96 458	8 707,641	135 745,266	15,589	15,122	97	77	1 992	13,927	33,890	2,433	1,967
48	28	96 213	8 252,272	127 037,625	15,394	14,927	98	78	1 297	8,615	19,964	2,317	1,850
49	29	95 938	7 818,201	118 785,353	15,193	14,727	99	79	818	5,160	11,348	2,199	1,733
							100	80	491	2,942	6,189	2,103	1,637

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	7 406,404	111 099,403	15,000	14,534
1							51	30	95 325	7 012,620	103 692,999	14,787	14,320
2							52	31	94 957	6 637,106	96 680,378	14,567	14,100
3							53	32	94 547	6 278,817	90 043,273	14,341	13,874
4							54	33	94 089	5 936,699	83 764,456	14,110	13,643
5							55	34	93 585	5 610,353	77 827,757	13,872	13,405
6							56	35	93 017	5 298,165	72 217,403	13,631	13,164
7							57	36	92 385	4 999,667	66 919,238	13,385	12,918
8							58	37	91 688	4 714,446	61 919,571	13,134	12,667
9							59	38	90 934	4 442,442	57 205,125	12,877	12,410
10							60	39	90 094	4 181,851	52 762,683	12,617	12,150
11							61	40	89 175	3 932,733	48 580,832	12,353	11,886
12							62	41	88 174	3 694,642	44 648,099	12,085	11,618
13							63	42	87 074	3 466,548	40 953,457	11,814	11,347
14							64	43	85 877	3 248,341	37 486,910	11,540	11,074
15							65	44	84 587	3 039,965	34 238,569	11,263	10,796
16							66	45	83 210	2 841,296	31 198,604	10,980	10,514
17							67	46	81 724	2 651,362	28 357,308	10,695	10,229
18							68	47	80 151	2 470,634	25 705,946	10,405	9,938
19							69	48	78 475	2 298,306	23 235,312	10,110	9,643
20							70	49	76 704	2 134,383	20 937,006	9,809	9,343
21	0	99 329	33 916,469	631 514,336	18,620	18,153	71	50	74 851	1 978,929	18 802,622	9,501	9,035
22	1	99 001	32 118,488	597 597,867	18,606	18,139	72	51	72 850	1 829,948	16 823,694	9,194	8,727
23	2	98 938	30 496,800	565 479,379	18,542	18,075	73	52	70 788	1 689,455	14 993,745	8,875	8,408
24	3	98 883	28 959,601	534 982,579	18,473	18,007	74	53	68 596	1 555,468	13 304,291	8,553	8,086
25	4	98 828	27 499,715	506 022,978	18,401	17,934	75	54	66 292	1 428,245	11 748,822	8,226	7,759
26	5	98 775	26 114,051	478 523,263	18,324	17,858	76	55	63 846	1 306,931	10 320,577	7,897	7,430
27	6	98 725	24 798,831	452 409,213	18,243	17,776	77	56	61 264	1 191,520	9 013,646	7,565	7,098
28	7	98 674	23 549,518	427 610,382	18,158	17,691	78	57	58 598	1 082,831	7 822,126	7,224	6,757
29	8	98 623	22 363,425	404 060,864	18,068	17,601	79	58	55 767	979,118	6 739,295	6,883	6,416
30	9	98 568	21 235,897	381 697,439	17,974	17,507	80	59	52 787	880,564	5 760,177	6,541	6,075
31	10	98 510	20 164,897	360 461,542	17,876	17,409	81	60	49 612	786,307	4 879,614	6,206	5,739
32	11	98 448	19 146,992	340 296,645	17,773	17,306	82	61	46 287	697,023	4 093,307	5,873	5,406
33	12	98 381	18 179,405	321 149,652	17,666	17,199	83	62	42 834	612,851	3 396,284	5,542	5,075
34	13	98 305	17 259,393	302 970,247	17,554	17,087	84	63	39 209	532,999	2 783,432	5,222	4,755
35	14	98 228	16 385,654	285 710,854	17,437	16,970	85	64	35 455	457,931	2 250,433	4,914	4,448
36	15	98 145	15 555,128	269 325,200	17,314	16,847	86	65	31 606	387,854	1 792,502	4,622	4,155
37	16	98 047	14 764,458	253 770,072	17,188	16,721	87	66	27 757	323,636	1 404,648	4,340	3,873
38	17	97 937	14 012,203	239 005,614	17,057	16,590	88	67	23 964	265,471	1 081,012	4,072	3,605
39	18	97 825	13 298,006	224 993,410	16,919	16,453	89	68	20 256	213,205	815,542	3,825	3,358
40	19	97 696	12 618,048	211 695,404	16,777	16,310	90	69	16 738	167,382	602,337	3,599	3,132
41	20	97 559	11 971,840	199 077,356	16,629	16,162	91	70	13 510	128,369	434,955	3,388	2,922
42	21	97 401	11 356,308	187 105,516	16,476	16,009	92	71	10 664	96,265	306,586	3,185	2,718
43	22	97 247	10 772,749	175 749,208	16,314	15,847	93	72	8 161	70,001	210,321	3,005	2,538
44	23	97 076	10 217,354	164 976,459	16,147	15,680	94	73	6 070	49,467	140,320	2,837	2,370
45	24	96 892	9 689,283	154 759,104	15,972	15,505	95	74	4 358	33,740	90,853	2,693	2,226
46	25	96 694	9 187,159	145 069,821	15,790	15,324	96	75	3 034	22,318	57,112	2,559	2,092
47	26	96 475	8 709,194	135 882,662	15,602	15,135	97	76	2 038	14,242	34,795	2,443	1,976
48	27	96 233	8 254,003	127 173,468	15,407	14,941	98	77	1 329	8,826	20,553	2,329	1,862
49	28	95 961	7 820,062	118 919,464	15,207	14,740	99	78	841	5,304	11,726	2,211	1,744
							100	79	506	3,036	6,422	2,115	1,649

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	28	95 679	7 408,167	111 219,999	15,013	14,546
1							51	29	95 349	7 014,351	103 811,832	14,800	14,333
2							52	30	94 984	6 638,983	96 797,481	14,580	14,113
3							53	31	94 578	6 280,840	90 158,498	14,355	13,888
4							54	32	94 121	5 938,694	83 877,658	14,124	13,657
5							55	33	93 618	5 612,319	77 938,964	13,887	13,420
6							56	34	93 053	5 300,189	72 326,645	13,646	13,179
7							57	35	92 428	5 002,003	67 026,456	13,400	12,933
8							58	36	91 732	4 716,695	62 024,454	13,150	12,683
9							59	37	90 980	4 444,686	57 307,759	12,894	12,427
10							60	38	90 144	4 184,170	52 863,073	12,634	12,167
11							61	39	89 233	3 935,294	48 678,903	12,370	11,903
12							62	40	88 230	3 696,983	44 743,610	12,103	11,636
13							63	41	87 138	3 469,090	41 046,627	11,832	11,365
14							64	42	85 946	3 250,964	37 577,537	11,559	11,092
15							65	43	84 663	3 042,690	34 326,573	11,282	10,815
16							66	44	83 289	2 843,986	31 283,883	11,000	10,533
17							67	45	81 812	2 654,217	28 439,897	10,715	10,248
18							68	46	80 246	2 473,563	25 785,679	10,425	9,958
19							69	47	78 577	2 301,296	23 312,116	10,130	9,663
20							70	48	76 821	2 137,626	21 010,820	9,829	9,362
21							71	49	74 978	1 982,267	18 873,194	9,521	9,054
22	0	99 289	32 211,640	597 863,253	18,560	18,094	72	50	72 985	1 833,329	16 890,927	9,213	8,746
23	1	98 960	30 503,585	565 651,613	18,544	18,077	73	51	70 935	1 692,970	15 057,598	8,894	8,427
24	2	98 896	28 963,407	535 148,029	18,477	18,010	74	52	68 747	1 558,905	13 364,628	8,573	8,106
25	3	98 838	27 502,457	506 184,622	18,405	17,938	75	53	66 457	1 431,794	11 805,723	8,245	7,779
26	4	98 785	26 116,455	478 682,165	18,329	17,862	76	54	64 022	1 310,541	10 373,929	7,916	7,449
27	5	98 732	24 800,516	452 565,710	18,248	17,781	77	55	61 455	1 195,240	9 063,388	7,583	7,116
28	6	98 681	23 551,238	427 765,194	18,163	17,696	78	56	58 797	1 086,505	7 868,148	7,242	6,775
29	7	98 628	22 364,490	404 213,957	18,074	17,607	79	57	55 978	982,809	6 781,643	6,900	6,433
30	8	98 575	21 237,427	381 849,466	17,980	17,513	80	58	53 008	884,254	5 798,834	6,558	6,091
31	9	98 515	20 165,969	360 612,039	17,882	17,415	81	59	49 843	789,968	4 914,580	6,221	5,754
32	10	98 454	19 148,057	340 446,070	17,780	17,313	82	60	46 526	700,615	4 124,612	5,887	5,420
33	11	98 388	18 180,803	321 298,013	17,672	17,206	83	61	43 075	616,294	3 423,996	5,556	5,089
34	12	98 312	17 260,484	303 117,210	17,561	17,095	84	62	39 450	536,282	2 807,702	5,235	4,769
35	13	98 236	16 386,949	285 856,726	17,444	16,977	85	63	35 696	461,048	2 271,421	4,927	4,460
36	14	98 154	15 556,563	269 469,777	17,322	16,855	86	64	31 842	390,749	1 810,372	4,633	4,166
37	15	98 059	14 766,168	253 913,213	17,196	16,729	87	65	27 982	326,250	1 419,623	4,351	3,885
38	16	97 949	14 013,995	239 147,046	17,065	16,598	88	66	24 176	267,816	1 093,373	4,083	3,616
39	17	97 837	13 299,731	225 133,051	16,928	16,461	89	67	20 448	215,219	825,557	3,836	3,369
40	18	97 712	12 620,097	211 833,320	16,785	16,319	90	68	16 910	169,108	610,338	3,609	3,142
41	19	97 575	11 973,808	199 213,223	16,637	16,171	91	69	13 668	129,868	441,231	3,398	2,931
42	20	97 417	11 358,168	187 239,416	16,485	16,018	92	70	10 799	97,489	311,363	3,194	2,727
43	21	97 264	10 774,578	175 881,248	16,324	15,857	93	71	8 276	70,981	213,873	3,013	2,546
44	22	97 092	10 219,069	165 106,669	16,157	15,690	94	72	6 162	50,218	142,892	2,845	2,379
45	23	96 908	9 690,868	154 887,601	15,983	15,516	95	73	4 432	34,314	92,674	2,701	2,234
46	24	96 710	9 188,669	145 196,732	15,802	15,335	96	74	3 090	22,731	58,360	2,567	2,101
47	25	96 494	8 710,887	136 008,063	15,614	15,147	97	75	2 079	14,534	35,628	2,451	1,985
48	26	96 251	8 255,475	127 297,176	15,420	14,953	98	76	1 359	9,026	21,094	2,337	1,870
49	27	95 981	7 821,702	119 041,701	15,219	14,753	99	77	861	5,434	12,068	2,221	1,754
							100	78	521	3,121	6,634	2,126	1,659

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	7 409,721	111 329,881	15,025	14,558
1							51	28	95 371	7 016,021	103 920,160	14,812	14,345
2							52	29	95 008	6 640,622	96 904,139	14,593	14,126
3							53	30	94 605	6 282,616	90 263,518	14,367	13,900
4							54	31	94 151	5 940,607	83 980,901	14,137	13,670
5							55	32	93 649	5 614,205	78 040,294	13,901	13,434
6							56	33	93 085	5 302,046	72 426,090	13,660	13,193
7							57	34	92 463	5 003,913	67 124,044	13,414	12,948
8							58	35	91 775	4 718,899	62 120,131	13,164	12,697
9							59	36	91 023	4 446,806	57 401,232	12,908	12,442
10							60	37	90 189	4 186,283	52 954,426	12,650	12,183
11							61	38	89 282	3 937,475	48 768,142	12,386	11,919
12							62	39	88 288	3 699,390	44 830,667	12,118	11,652
13							63	40	87 193	3 471,288	41 131,277	11,849	11,382
14							64	41	86 009	3 253,349	37 659,989	11,576	11,109
15							65	42	84 732	3 045,147	34 406,641	11,299	10,832
16							66	43	83 363	2 846,536	31 361,494	11,017	10,551
17							67	44	81 890	2 656,730	28 514,958	10,733	10,266
18							68	45	80 333	2 476,227	25 858,228	10,443	9,976
19							69	46	78 671	2 304,025	23 382,001	10,148	9,682
20							70	47	76 921	2 140,407	21 077,977	9,848	9,381
21							71	48	75 092	1 985,279	18 937,569	9,539	9,072
22							72	49	73 108	1 836,422	16 952,290	9,231	8,764
23	0	99 247	30 592,053	565 897,421	18,498	18,031	73	50	71 066	1 696,097	15 115,869	8,912	8,445
24	1	98 918	28 969,850	535 305,368	18,478	18,011	74	51	68 890	1 562,149	13 419,771	8,591	8,124
25	2	98 851	27 506,071	506 335,518	18,408	17,941	75	52	66 603	1 434,957	11 857,623	8,263	7,797
26	3	98 794	26 119,059	478 829,447	18,333	17,866	76	53	64 181	1 313,797	10 422,665	7,933	7,466
27	4	98 741	24 802,799	452 710,388	18,252	17,786	77	54	61 625	1 198,541	9 108,868	7,600	7,133
28	5	98 688	23 552,838	427 907,589	18,168	17,701	78	55	58 981	1 089,897	7 910,327	7,258	6,791
29	6	98 635	22 366,123	404 354,751	18,079	17,612	79	56	56 168	986,144	6 820,430	6,916	6,449
30	7	98 579	21 238,439	381 988,627	17,986	17,519	80	57	53 208	887,588	5 834,286	6,573	6,106
31	8	98 523	20 167,422	360 750,188	17,888	17,421	81	58	50 051	793,279	4 946,698	6,236	5,769
32	9	98 459	19 149,074	340 582,766	17,786	17,319	82	59	46 742	703,877	4 153,419	5,901	5,434
33	10	98 394	18 181,814	321 433,692	17,679	17,212	83	60	43 297	619,470	3 449,542	5,569	5,102
34	11	98 319	17 261,812	303 251,878	17,568	17,101	84	61	39 672	539,294	2 830,072	5,248	4,781
35	12	98 242	16 387,985	285 990,066	17,451	16,984	85	62	35 916	463,888	2 290,777	4,938	4,471
36	13	98 162	15 557,793	269 602,081	17,329	16,862	86	63	32 059	393,409	1 826,889	4,644	4,177
37	14	98 068	14 767,530	254 044,288	17,203	16,736	87	64	28 191	328,685	1 433,480	4,361	3,894
38	15	97 961	14 015,618	239 276,758	17,072	16,605	88	65	24 371	269,980	1 104,795	4,092	3,625
39	16	97 850	13 301,431	225 261,141	16,935	16,468	89	66	20 628	217,120	834,816	3,845	3,378
40	17	97 724	12 621,733	211 959,709	16,793	16,326	90	67	17 070	170,705	617,695	3,618	3,152
41	18	97 591	11 975,752	199 337,976	16,645	16,178	91	68	13 809	131,207	446,990	3,407	2,940
42	19	97 433	11 360,035	187 362,224	16,493	16,026	92	69	10 925	98,628	315,783	3,202	2,735
43	20	97 280	10 776,342	176 002,190	16,332	15,865	93	70	8 381	71,884	217,155	3,021	2,554
44	21	97 109	10 220,804	165 225,847	16,166	15,699	94	71	6 249	50,921	145,272	2,853	2,386
45	22	96 924	9 692,495	155 005,043	15,992	15,525	95	72	4 499	34,835	94,350	2,708	2,242
46	23	96 725	9 190,172	145 312,548	15,812	15,345	96	73	3 142	23,118	59,515	2,574	2,108
47	24	96 510	8 712,318	136 122,377	15,624	15,157	97	74	2 118	14,804	36,397	2,459	1,992
48	25	96 269	8 257,080	127 410,058	15,430	14,964	98	75	1 387	9,212	21,593	2,344	1,877
49	26	95 998	7 823,097	119 152,978	15,231	14,764	99	76	881	5,557	12,382	2,228	1,761
							100	77	533	3,197	6,824	2,134	1,668

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	7 411,042	111 429,874	15,036	14,569
1							51	27	95 391	7 017,493	104 018,832	14,823	14,356
2							52	28	95 030	6 642,202	97 001,339	14,604	14,137
3							53	29	94 628	6 284,167	90 359,137	14,379	13,912
4							54	30	94 178	5 942,287	84 074,969	14,149	13,682
5							55	31	93 679	5 616,013	78 132,682	13,912	13,446
6							56	32	93 117	5 303,827	72 516,669	13,673	13,206
7							57	33	92 496	5 005,666	67 212,842	13,427	12,961
8							58	34	91 810	4 720,701	62 207,175	13,178	12,711
9							59	35	91 066	4 448,884	57 486,475	12,922	12,455
10							60	36	90 232	4 188,281	53 037,591	12,663	12,197
11							61	37	89 328	3 939,465	48 849,310	12,400	11,933
12							62	38	88 337	3 701,440	44 909,846	12,133	11,666
13							63	39	87 250	3 473,548	41 208,405	11,863	11,397
14							64	40	86 064	3 255,410	37 734,857	11,591	11,125
15							65	41	84 794	3 047,381	34 479,447	11,314	10,848
16							66	42	83 431	2 848,834	31 432,067	11,033	10,567
17							67	43	81 963	2 659,112	28 583,233	10,749	10,282
18							68	44	80 409	2 478,571	25 924,121	10,459	9,993
19							69	45	78 755	2 306,506	23 445,550	10,165	9,698
20							70	46	77 012	2 142,945	21 139,044	9,864	9,398
21							71	47	75 189	1 987,862	18 996,099	9,556	9,089
22							72	48	73 219	1 839,212	17 008,237	9,248	8,781
23							73	49	71 186	1 698,959	15 169,025	8,928	8,462
24	0	99 205	29 053,870	535 533,102	18,432	17,966	74	50	69 018	1 565,035	13 470,067	8,607	8,140
25	1	98 873	27 512,190	506 479,232	18,409	17,942	75	51	66 742	1 437,943	11 905,032	8,279	7,812
26	2	98 807	26 122,491	478 967,042	18,335	17,869	76	52	64 323	1 316,700	10 467,089	7,949	7,483
27	3	98 751	24 805,272	452 844,551	18,256	17,789	77	53	61 778	1 201,519	9 150,389	7,616	7,149
28	4	98 697	23 555,006	428 039,278	18,172	17,705	78	54	59 144	1 092,908	7 948,870	7,273	6,806
29	5	98 642	22 367,643	404 484,272	18,083	17,617	79	55	56 343	989,223	6 855,963	6,931	6,464
30	6	98 586	21 239,990	382 116,629	17,990	17,524	80	56	53 389	890,600	5 866,740	6,587	6,121
31	7	98 527	20 168,383	360 876,639	17,893	17,426	81	57	50 240	796,270	4 976,140	6,249	5,783
32	8	98 466	19 150,455	340 708,256	17,791	17,324	82	58	46 938	706,827	4 179,870	5,914	5,447
33	9	98 399	18 182,780	321 557,801	17,685	17,218	83	59	43 498	622,354	3 473,043	5,580	5,114
34	10	98 325	17 262,771	303 375,021	17,574	17,107	84	60	39 876	542,074	2 850,689	5,259	4,792
35	11	98 250	16 389,245	286 112,250	17,457	16,991	85	61	36 118	466,494	2 308,615	4,949	4,482
36	12	98 168	15 558,776	269 723,005	17,336	16,869	86	62	32 256	395,832	1 842,121	4,654	4,187
37	13	98 075	14 768,697	254 164,228	17,210	16,743	87	63	28 382	330,922	1 446,289	4,370	3,904
38	14	97 970	14 016,911	239 395,531	17,079	16,612	88	64	24 553	271,995	1 115,367	4,101	3,634
39	15	97 861	13 302,971	225 378,620	16,942	16,475	89	65	20 795	218,874	843,372	3,853	3,386
40	16	97 737	12 623,347	212 075,649	16,800	16,333	90	66	17 221	172,213	624,498	3,626	3,160
41	17	97 603	11 977,305	199 452,302	16,653	16,186	91	67	13 940	132,447	452,285	3,415	2,948
42	18	97 449	11 361,879	187 474,997	16,500	16,034	92	68	11 038	99,645	319,838	3,210	2,743
43	19	97 296	10 778,114	176 113,118	16,340	15,873	93	69	8 479	72,723	220,194	3,028	2,561
44	20	97 124	10 222,477	165 335,004	16,174	15,707	94	70	6 328	51,569	147,470	2,860	2,393
45	21	96 940	9 694,141	155 112,527	16,001	15,534	95	71	4 562	35,323	95,902	2,715	2,248
46	22	96 742	9 191,714	145 418,386	15,821	15,354	96	72	3 190	23,469	60,578	2,581	2,114
47	23	96 526	8 713,744	136 226,672	15,634	15,167	97	73	2 154	15,056	37,109	2,465	1,998
48	24	96 285	8 258,437	127 512,929	15,440	14,974	98	74	1 413	9,382	22,054	2,351	1,884
49	25	96 017	7 824,618	119 254,492	15,241	14,774	99	75	899	5,671	12,671	2,234	1,768
							100	76	545	3,270	7,000	2,141	1,674

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	7 412,483	111 521,074	15,045	14,578
1							51	26	95 408	7 018,744	104 108,591	14,833	14,366
2							52	27	95 050	6 643,596	97 089,847	14,614	14,147
3							53	28	94 650	6 285,663	90 446,251	14,389	13,922
4							54	29	94 201	5 943,754	84 160,588	14,160	13,693
5							55	30	93 706	5 617,602	78 216,835	13,924	13,457
6							56	31	93 147	5 305,536	72 599,233	13,684	13,217
7							57	32	92 527	5 007,348	67 293,697	13,439	12,972
8							58	33	91 842	4 722,355	62 286,349	13,190	12,723
9							59	34	91 101	4 450,583	57 563,994	12,934	12,467
10							60	35	90 274	4 190,237	53 113,411	12,676	12,209
11							61	36	89 370	3 941,344	48 923,174	12,413	11,946
12							62	37	88 381	3 703,310	44 981,830	12,146	11,680
13							63	38	87 298	3 475,474	41 278,519	11,877	11,410
14							64	39	86 120	3 257,529	37 803,045	11,605	11,138
15							65	40	84 847	3 049,311	34 545,516	11,329	10,862
16							66	41	83 492	2 850,924	31 496,205	11,048	10,581
17							67	42	82 029	2 661,259	28 645,281	10,764	10,297
18							68	43	80 481	2 480,793	25 984,022	10,474	10,007
19							69	44	78 830	2 308,689	23 503,229	10,180	9,714
20							70	45	77 095	2 145,253	21 194,540	9,880	9,413
21							71	46	75 278	1 990,219	19 049,287	9,571	9,105
22							72	47	73 314	1 841,605	17 059,068	9,263	8,796
23							73	48	71 294	1 701,540	15 217,464	8,943	8,477
24							74	49	69 134	1 567,675	13 515,924	8,622	8,155
25	0	99 160	27 591,983	506 690,280	18,364	17,897	75	50	66 865	1 440,600	11 948,249	8,294	7,827
26	1	98 829	26 128,303	479 098,297	18,336	17,870	76	51	64 457	1 319,439	10 507,649	7,964	7,497
27	2	98 764	24 808,532	452 969,995	18,259	17,792	77	52	61 914	1 204,173	9 188,210	7,630	7,164
28	3	98 706	23 557,355	428 161,463	18,175	17,708	78	53	59 291	1 095,623	7 984,037	7,287	6,820
29	4	98 651	22 369,702	404 604,107	18,087	17,620	79	54	56 499	991,955	6 888,413	6,944	6,477
30	5	98 593	21 241,433	382 234,405	17,995	17,528	80	55	53 556	893,380	5 896,458	6,600	6,133
31	6	98 534	20 169,856	360 992,972	17,898	17,431	81	56	50 411	798,971	5 003,078	6,262	5,795
32	7	98 471	19 151,367	340 823,117	17,796	17,329	82	57	47 115	709,493	4 204,107	5,926	5,459
33	8	98 406	18 184,091	321 671,750	17,690	17,223	83	58	43 681	624,963	3 494,614	5,592	5,125
34	9	98 330	17 263,689	303 487,659	17,580	17,113	84	59	40 062	544,597	2 869,652	5,269	4,803
35	10	98 255	16 390,156	286 223,970	17,463	16,996	85	60	36 304	468,898	2 325,054	4,959	4,492
36	11	98 176	15 559,973	269 833,814	17,342	16,875	86	61	32 437	398,056	1 856,156	4,663	4,196
37	12	98 082	14 769,631	254 273,841	17,216	16,749	87	62	28 557	332,961	1 458,101	4,379	3,912
38	13	97 978	14 018,019	239 504,210	17,085	16,619	88	63	24 720	273,846	1 125,140	4,109	3,642
39	14	97 870	13 304,198	225 486,191	16,948	16,482	89	64	20 950	220,508	851,294	3,861	3,394
40	15	97 748	12 624,809	212 181,993	16,807	16,340	90	65	17 360	173,604	630,786	3,633	3,167
41	16	97 616	11 978,836	199 557,184	16,659	16,192	91	66	14 063	133,617	457,182	3,422	2,955
42	17	97 462	11 363,352	187 578,348	16,507	16,041	92	67	11 142	100,586	323,565	3,217	2,750
43	18	97 311	10 779,864	176 214,996	16,347	15,880	93	68	8 566	73,473	222,979	3,035	2,568
44	19	97 140	10 224,158	165 435,132	16,181	15,714	94	69	6 402	52,171	149,506	2,866	2,399
45	20	96 956	9 695,728	155 210,974	16,008	15,541	95	70	4 620	35,772	97,335	2,721	2,254
46	21	96 758	9 193,275	145 515,246	15,828	15,362	96	71	3 235	23,798	61,563	2,587	2,120
47	22	96 542	8 715,206	136 321,971	15,642	15,175	97	72	2 187	15,284	37,765	2,471	2,004
48	23	96 301	8 259,788	127 606,766	15,449	14,982	98	73	1 437	9,542	22,481	2,356	1,889
49	24	96 032	7 825,903	119 346,978	15,250	14,783	99	74	915	5,776	12,939	2,240	1,773
							100	75	557	3,337	7,162	2,146	1,680

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 855 830,424	18,558	18,091	50	50	94 198	6 477,702	89 452,964	13,809	13,342
1	1	99 373	94 192,601	1 755 830,424	18,641	18,174	51	51	93 723	6 108,987	82 975,262	13,582	13,115
2	2	99 327	89 240,657	1 661 637,823	18,620	18,153	52	52	93 193	5 757,810	76 866,275	13,350	12,883
3	3	99 301	84 565,934	1 572 397,166	18,594	18,127	53	53	92 616	5 423,848	71 108,466	13,110	12,643
4	4	99 279	80 139,791	1 487 831,232	18,565	18,098	54	54	91 970	5 105,197	65 684,617	12,866	12,399
5	5	99 259	75 946,228	1 407 691,441	18,535	18,068	55	55	91 257	4 801,552	60 579,421	12,617	12,149
6	6	99 243	71 975,514	1 331 745,212	18,503	18,036	56	56	90 456	4 511,268	55 777,869	12,364	11,897
7	7	99 227	68 212,112	1 259 769,699	18,468	18,001	57	57	89 579	4 234,631	51 266,601	12,107	11,639
8	8	99 212	64 646,667	1 191 557,587	18,432	17,965	58	58	88 612	3 970,521	47 031,970	11,845	11,378
9	9	99 198	61 267,379	1 126 910,920	18,393	17,926	59	59	87 560	3 718,872	43 061,449	11,579	11,112
10	10	99 184	58 065,598	1 065 643,541	18,352	17,885	60	60	86 397	3 478,172	39 342,577	11,311	10,844
11	11	99 172	55 031,323	1 007 577,943	18,309	17,842	61	61	85 133	3 248,606	35 864,405	11,040	10,573
12	12	99 157	52 154,775	952 546,620	18,264	17,797	62	62	83 760	3 029,610	32 615,800	10,766	10,298
13	13	99 142	49 428,306	900 391,845	18,216	17,749	63	63	82 269	2 820,543	29 586,190	10,490	10,022
14	14	99 125	46 843,418	850 963,539	18,166	17,699	64	64	80 655	2 621,027	26 765,647	10,212	9,745
15	15	99 104	44 391,763	804 120,121	18,114	17,647	65	65	78 926	2 431,127	24 144,620	9,931	9,464
16	16	99 077	42 066,097	759 728,358	18,060	17,593	66	66	77 091	2 250,826	21 713,493	9,647	9,180
17	17	99 041	39 858,857	717 662,268	18,005	17,538	67	67	75 132	2 079,272	19 462,667	9,360	8,893
18	18	99 002	37 765,937	677 803,410	17,947	17,480	68	68	73 083	1 917,130	17 383,395	9,067	8,600
19	19	98 948	35 777,470	640 037,474	17,889	17,422	69	69	70 917	1 763,320	15 466,265	8,771	8,304
20	20	98 892	33 893,038	604 260,004	17,828	17,361	70	70	68 620	1 617,264	13 702,945	8,473	8,006
21	21	98 835	32 107,589	570 366,966	17,764	17,297	71	71	66 234	1 479,636	12 085,681	8,168	7,701
22	22	98 778	30 416,259	538 259,377	17,696	17,229	72	72	63 690	1 348,631	10 606,045	7,864	7,397
23	23	98 720	28 813,656	507 843,118	17,625	17,158	73	73	61 089	1 226,119	9 257,414	7,550	7,083
24	24	98 662	27 295,581	479 029,462	17,550	17,083	74	74	58 335	1 109,802	8 031,295	7,237	6,770
25	25	98 601	25 856,489	451 733,881	17,471	17,004	75	75	55 488	1 000,601	6 921,494	6,917	6,450
26	26	98 538	24 492,933	425 877,392	17,388	16,921	76	76	52 510	897,534	5 920,893	6,597	6,130
27	27	98 477	23 201,683	401 384,460	17,300	16,833	77	77	49 424	800,748	5 023,358	6,273	5,806
28	28	98 412	21 977,615	378 182,776	17,208	16,740	78	78	46 298	711,006	4 222,610	5,939	5,472
29	29	98 343	20 817,272	356 205,161	17,111	16,644	79	79	43 025	626,285	3 511,604	5,607	5,140
30	30	98 271	19 717,410	335 387,889	17,010	16,543	80	80	39 636	546,882	2 885,319	5,276	4,809
31	31	98 191	18 674,336	315 670,479	16,904	16,437	81	81	36 105	472,195	2 338,438	4,952	4,485
32	32	98 103	17 684,942	296 996,143	16,794	16,327	82	82	32 491	402,774	1 866,243	4,633	4,166
33	33	98 010	16 747,111	279 311,200	16,678	16,211	83	83	28 815	338,582	1 463,469	4,322	3,855
34	34	97 907	15 857,354	262 564,090	16,558	16,091	84	84	25 074	279,263	1 124,887	4,028	3,561
35	35	97 801	15 014,369	246 706,736	16,431	15,964	85	85	21 372	225,620	845,624	3,748	3,281
36	36	97 682	14 214,245	231 692,367	16,300	15,833	86	86	17 779	177,910	620,004	3,485	3,018
37	37	97 549	13 454,900	217 478,122	16,163	15,696	87	87	14 398	136,565	442,094	3,237	2,770
38	38	97 402	12 734,305	204 023,222	16,022	15,554	88	88	11 298	101,571	305,529	3,008	2,541
39	39	97 249	12 051,485	191 288,917	15,873	15,405	89	89	8 548	72,841	203,959	2,800	2,333
40	40	97 074	11 402,595	179 237,432	15,719	15,252	90	90	6 217	50,214	131,117	2,611	2,144
41	41	96 892	10 787,937	167 834,837	15,558	15,090	91	91	4 330	33,150	80,903	2,441	1,973
42	42	96 681	10 203,214	157 046,900	15,392	14,925	92	92	2 887	20,948	47,753	2,280	1,812
43	43	96 466	9 649,820	146 843,686	15,217	14,750	93	93	1 819	12,514	26,805	2,142	1,675
44	44	96 226	9 123,983	137 193,867	15,037	14,569	94	94	1 086	7,080	14,291	2,019	1,551
45	45	95 968	8 625,164	128 069,884	14,848	14,381	95	95	611	3,775	7,211	1,910	1,443
46	46	95 685	8 151,369	119 444,720	14,653	14,186	96	96	323	1,892	3,436	1,816	1,349
47	47	95 375	7 701,348	111 293,351	14,451	13,984	97	97	160	0,886	1,544	1,742	1,275
48	48	95 029	7 273,372	103 592,003	14,243	13,775	98	98	75	0,395	0,658	1,665	1,197
49	49	94 635	6 865,667	96 318,631	14,029	13,562	99	99	33	0,165	0,263	1,589	1,122
							100	100	13	0,064	0,097	1,528	1,061

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	1 854 498,655	18,599	18,132	50	51	94 025	6 465,758	88 734,146	13,724	13,257
1	2	99 351	94 171,652	1 754 787,842	18,634	18,167	51	52	93 528	6 096,301	82 268,389	13,495	13,028
2	3	99 314	89 228,930	1 660 616,190	18,611	18,144	52	53	92 988	5 745,117	76 172,087	13,259	12,791
3	4	99 291	84 557,503	1 571 387,260	18,584	18,116	53	54	92 387	5 410,405	70 426,970	13,017	12,550
4	5	99 270	80 132,414	1 486 829,757	18,555	18,087	54	55	91 717	5 091,135	65 016,565	12,771	12,303
5	6	99 252	75 941,068	1 406 697,343	18,524	18,056	55	56	90 973	4 786,608	59 925,430	12,519	12,052
6	7	99 236	71 970,258	1 330 756,274	18,490	18,023	56	57	90 150	4 496,012	55 138,822	12,264	11,797
7	8	99 222	68 208,863	1 258 786,016	18,455	17,988	57	58	89 242	4 218,724	50 642,810	12,004	11,537
8	9	99 205	64 642,008	1 190 577,154	18,418	17,951	58	59	88 242	3 953,950	46 424,085	11,741	11,274
9	10	99 192	61 264,123	1 125 935,145	18,378	17,911	59	60	87 154	3 701,637	42 470,135	11,473	11,006
10	11	99 179	58 062,370	1 064 671,022	18,337	17,869	60	61	85 954	3 460,340	38 768,498	11,204	10,736
11	12	99 164	55 027,091	1 006 608,653	18,293	17,826	61	62	84 657	3 230,458	35 308,158	10,930	10,463
12	13	99 151	52 151,479	951 581,562	18,246	17,779	62	63	83 248	3 011,063	32 077,700	10,653	10,186
13	14	99 134	49 424,399	899 430,082	18,198	17,731	63	64	81 713	2 801,475	29 066,637	10,375	9,908
14	15	99 116	46 839,097	850 005,684	18,147	17,680	64	65	80 057	2 601,608	26 265,162	10,096	9,629
15	16	99 092	44 386,624	803 166,587	18,095	17,628	65	66	78 293	2 411,645	23 663,554	9,812	9,345
16	17	99 064	42 060,713	758 779,963	18,040	17,573	66	67	76 416	2 231,113	21 251,909	9,525	9,058
17	18	99 029	39 853,690	716 719,251	17,984	17,517	67	68	74 429	2 059,814	19 020,796	9,234	8,767
18	19	98 986	37 759,806	676 865,561	17,926	17,458	68	69	72 338	1 897,568	16 960,981	8,938	8,471
19	20	98 932	35 771,589	639 105,755	17,866	17,399	69	70	70 098	1 742,960	15 063,414	8,642	8,175
20	21	98 875	33 887,490	603 334,165	17,804	17,337	70	71	67 759	1 596,965	13 320,453	8,341	7,874
21	22	98 818	32 102,137	569 446,675	17,739	17,271	71	72	65 319	1 459,195	11 723,489	8,034	7,567
22	23	98 761	30 411,156	537 344,538	17,669	17,202	72	73	62 738	1 328,472	10 264,293	7,726	7,259
23	24	98 704	28 808,943	506 933,382	17,596	17,129	73	74	60 066	1 205,598	8 935,821	7,412	6,945
24	25	98 646	27 291,097	478 124,439	17,519	17,052	74	75	57 274	1 089,612	7 730,223	7,094	6,627
25	26	98 582	25 851,462	450 833,342	17,439	16,972	75	76	54 371	980,469	6 640,611	6,773	6,306
26	27	98 521	24 488,567	424 981,880	17,354	16,887	76	77	51 346	877,655	5 660,142	6,449	5,982
27	28	98 457	23 196,817	400 493,313	17,265	16,798	77	78	48 241	781,579	4 782,487	6,119	5,652
28	29	98 389	21 972,385	377 296,496	17,171	16,704	78	79	45 039	691,662	4 000,908	5,784	5,317
29	30	98 319	20 812,135	355 324,111	17,073	16,606	79	80	41 699	606,990	3 309,246	5,452	4,985
30	31	98 243	19 711,834	334 511,976	16,970	16,503	80	81	38 238	527,598	2 702,256	5,122	4,655
31	32	98 159	18 668,323	314 800,142	16,863	16,396	81	82	34 646	453,111	2 174,659	4,799	4,332
32	33	98 070	17 679,002	296 131,819	16,750	16,283	82	83	30 964	383,843	1 721,548	4,485	4,018
33	34	97 976	16 741,245	278 452,817	16,633	16,166	83	84	27 224	319,894	1 337,705	4,182	3,715
34	35	97 870	15 851,299	261 711,572	16,510	16,043	84	85	23 474	261,449	1 017,811	3,893	3,426
35	36	97 755	15 007,359	245 860,273	16,383	15,915	85	86	19 797	208,993	756,362	3,619	3,152
36	37	97 635	14 207,467	230 852,914	16,249	15,782	86	87	16 263	162,738	547,369	3,364	2,896
37	38	97 499	13 448,106	216 645,447	16,110	15,643	87	88	12 971	123,032	384,631	3,126	2,659
38	39	97 348	12 727,248	203 197,341	15,966	15,498	88	89	10 018	90,062	261,599	2,905	2,437
39	40	97 186	12 043,644	190 470,093	15,815	15,348	89	90	7 447	63,459	171,536	2,703	2,236
40	41	97 012	11 395,376	178 426,449	15,658	15,191	90	91	5 302	42,827	108,078	2,524	2,056
41	42	96 821	10 780,030	167 031,073	15,494	15,027	91	92	3 611	27,649	65,251	2,360	1,893
42	43	96 603	10 194,981	156 251,043	15,326	14,859	92	93	2 344	17,011	37,601	2,210	1,743
43	44	96 380	9 641,176	146 056,061	15,149	14,682	93	94	1 438	9,892	20,590	2,081	1,614
44	45	96 135	9 115,353	136 414,885	14,965	14,498	94	95	837	5,455	10,698	1,961	1,494
45	46	95 865	8 615,886	127 299,532	14,775	14,308	95	96	456	2,815	5,242	1,862	1,395
46	47	95 572	8 141,716	118 683,646	14,577	14,110	96	97	233	1,364	2,427	1,779	1,312
47	48	95 251	7 691,341	110 541,930	14,372	13,905	97	98	113	0,625	1,063	1,701	1,234
48	49	94 884	7 262,338	102 850,589	14,162	13,695	98	99	51	0,269	0,438	1,628	1,161
49	50	94 476	6 854,105	95 588,251	13,946	13,479	99	100	22	0,109	0,169	1,557	1,090

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	1 853 366,360	18,592	18,124	50	52	93 830	6 452,332	87 956,403	13,632	13,165
1	3	99 338	94 159,277	1 753 677,724	18,625	18,157	51	53	93 322	6 082,863	81 504,071	13,399	12,932
2	4	99 304	89 220,034	1 659 518,447	18,600	18,133	52	54	92 757	5 730,877	75 421,209	13,160	12,693
3	5	99 282	84 549,719	1 570 298,413	18,572	18,105	53	55	92 132	5 395,503	69 690,331	12,916	12,449
4	6	99 263	80 126,970	1 485 748,693	18,542	18,075	54	56	91 431	5 075,290	64 294,828	12,668	12,201
5	7	99 245	75 935,524	1 405 621,724	18,511	18,044	55	57	90 665	4 770,421	59 219,539	12,414	11,947
6	8	99 231	71 966,830	1 329 686,200	18,476	18,009	56	58	89 811	4 479,124	54 449,117	12,156	11,689
7	9	99 215	68 203,947	1 257 719,370	18,441	17,973	57	59	88 870	4 201,117	49 969,993	11,894	11,427
8	10	99 200	64 638,573	1 189 515,423	18,403	17,935	58	60	87 833	3 935,626	45 768,876	11,629	11,162
9	11	99 187	61 260,717	1 124 876,850	18,362	17,895	59	61	86 708	3 682,660	41 833,250	11,360	10,892
10	12	99 171	58 057,904	1 063 616,133	18,320	17,853	60	62	85 474	3 441,010	38 150,591	11,087	10,620
11	13	99 158	55 023,613	1 005 558,229	18,275	17,808	61	63	84 139	3 210,682	34 709,581	10,811	10,343
12	14	99 143	52 147,357	950 534,615	18,228	17,761	62	64	82 685	2 990,707	31 498,899	10,532	10,065
13	15	99 125	49 419,839	898 387,258	18,179	17,711	63	65	81 108	2 780,720	28 508,192	10,252	9,785
14	16	99 104	46 833,674	848 967,419	18,127	17,660	64	66	79 415	2 580,760	25 727,472	9,969	9,502
15	17	99 079	44 380,949	802 133,745	18,074	17,607	65	67	77 607	2 390,524	23 146,712	9,683	9,216
16	18	99 051	42 055,259	757 752,795	18,018	17,551	66	68	75 701	2 210,235	20 756,188	9,391	8,924
17	19	99 012	39 847,220	715 697,536	17,961	17,494	67	69	73 670	2 038,796	18 545,953	9,097	8,629
18	20	98 970	37 753,600	675 850,316	17,902	17,434	68	70	71 502	1 875,658	16 507,157	8,801	8,334
19	21	98 915	35 765,734	638 096,716	17,841	17,374	69	71	69 218	1 721,083	14 631,499	8,501	8,034
20	22	98 859	33 881,736	602 330,982	17,777	17,310	70	72	66 823	1 574,904	12 910,416	8,198	7,730
21	23	98 801	32 096,751	568 449,246	17,710	17,243	71	73	64 342	1 437,383	11 335,513	7,886	7,419
22	24	98 745	30 406,182	536 352,494	17,640	17,172	72	74	61 688	1 306,239	9 898,130	7,578	7,110
23	25	98 688	28 804,211	505 946,312	17,565	17,098	73	75	58 974	1 183,666	8 591,891	7,259	6,792
24	26	98 627	27 285,791	477 142,102	17,487	17,020	74	76	56 121	1 067,689	7 408,225	6,939	6,471
25	27	98 564	25 846,854	449 856,310	17,405	16,937	75	77	53 167	958,753	6 340,536	6,613	6,146
26	28	98 500	24 483,431	424 009,456	17,318	16,851	76	78	50 117	856,645	5 381,783	6,282	5,815
27	29	98 433	23 191,296	399 526,025	17,227	16,760	77	79	46 928	760,315	4 525,138	5,952	5,484
28	30	98 365	21 966,963	376 334,729	17,132	16,665	78	80	43 651	670,353	3 764,823	5,616	5,149
29	31	98 291	20 806,250	354 367,766	17,032	16,565	79	81	40 229	585,586	3 094,471	5,284	4,817
30	32	98 211	19 705,487	333 561,517	16,927	16,460	80	82	36 693	506,275	2 508,884	4,956	4,488
31	33	98 126	18 662,052	313 856,030	16,818	16,351	81	83	33 018	431,814	2 002,610	4,638	4,170
32	34	98 036	17 672,810	295 193,978	16,703	16,236	82	84	29 255	362,656	1 570,796	4,331	3,864
33	35	97 938	16 734,854	277 521,167	16,583	16,116	83	85	25 488	299,488	1 208,139	4,034	3,567
34	36	97 824	15 843,898	260 786,314	16,460	15,993	84	86	21 744	242,182	908,651	3,752	3,285
35	37	97 709	15 000,202	244 942,416	16,329	15,862	85	87	18 108	191,170	666,469	3,486	3,019
36	38	97 586	14 200,293	229 942,214	16,193	15,726	86	88	14 651	146,611	475,299	3,242	2,775
37	39	97 445	13 440,655	215 741,921	16,051	15,584	87	89	11 502	109,092	328,687	3,013	2,546
38	40	97 285	12 718,967	202 301,266	15,905	15,438	88	90	8 727	78,462	219,595	2,799	2,332
39	41	97 124	12 036,019	189 582,299	15,751	15,284	89	91	6 351	54,123	141,133	2,608	2,140
40	42	96 941	11 387,024	177 546,280	15,592	15,125	90	92	4 422	35,721	87,010	2,436	1,969
41	43	96 743	10 771,332	166 159,256	15,426	14,959	91	93	2 933	22,453	51,290	2,284	1,817
42	44	96 516	10 185,850	155 387,924	15,255	14,788	92	94	1 853	13,448	28,837	2,144	1,677
43	45	96 289	9 632,057	145 202,074	15,075	14,608	93	95	1 108	7,623	15,389	2,019	1,552
44	46	96 032	9 105,548	135 570,017	14,889	14,422	94	96	624	4,068	7,766	1,909	1,442
45	47	95 752	8 605,684	126 464,470	14,695	14,228	95	97	328	2,029	3,698	1,823	1,355
46	48	95 447	8 131,137	117 858,786	14,495	14,028	96	98	164	0,962	1,669	1,735	1,268
47	49	95 106	7 679,672	109 727,649	14,288	13,821	97	99	77	0,426	0,707	1,662	1,195
48	50	94 725	7 250,108	102 047,977	14,075	13,608	98	100	34	0,177	0,282	1,594	1,127
49	51	94 302	6 841,466	94 797,869	13,856	13,389							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	1 852 161,532	18,582	18,115	50	53	93 623	6 438,108	87 116,771	13,531	13,064
1	4	99 328	94 149,889	1 752 485,995	18,614	18,147	51	54	93 091	6 067,786	80 678,663	13,296	12,829
2	5	99 295	89 211,821	1 658 336,106	18,589	18,122	52	55	92 502	5 715,093	74 610,877	13,055	12,588
3	6	99 275	84 543,975	1 569 124,285	18,560	18,093	53	56	91 846	5 378,710	68 895,784	12,809	12,342
4	7	99 256	80 121,119	1 484 580,310	18,529	18,062	54	57	91 122	5 058,127	63 517,074	12,557	12,090
5	8	99 240	75 931,907	1 404 459,191	18,496	18,029	55	58	90 325	4 752,502	58 458,947	12,301	11,833
6	9	99 224	71 961,644	1 328 527,284	18,462	17,994	56	59	89 436	4 460,430	53 706,445	12,041	11,573
7	10	99 210	68 200,322	1 256 565,640	18,425	17,957	57	60	88 458	4 181,647	49 246,014	11,777	11,310
8	11	99 194	64 634,979	1 188 365,318	18,386	17,919	58	61	87 382	3 915,448	45 064,367	11,509	11,042
9	12	99 179	61 256,006	1 123 730,339	18,345	17,878	59	62	86 223	3 662,087	41 148,919	11,236	10,769
10	13	99 165	58 054,235	1 062 474,333	18,301	17,834	60	63	84 951	3 419,944	37 486,831	10,961	10,494
11	14	99 150	55 019,264	1 004 420,098	18,256	17,789	61	64	83 570	3 188,977	34 066,887	10,683	10,216
12	15	99 134	52 142,547	949 400,834	18,208	17,741	62	65	82 072	2 968,550	30 877,910	10,402	9,934
13	16	99 114	49 414,118	897 258,287	18,158	17,691	63	66	80 458	2 758,436	27 909,360	10,118	9,651
14	17	99 092	46 827,687	847 844,169	18,106	17,638	64	67	78 720	2 558,158	25 150,924	9,832	9,364
15	18	99 067	44 375,195	801 016,482	18,051	17,584	65	68	76 881	2 368,154	22 592,766	9,540	9,073
16	19	99 035	42 048,433	756 641,287	17,995	17,527	66	69	74 928	2 187,682	20 224,613	9,245	8,778
17	20	98 996	39 840,671	714 592,854	17,936	17,469	67	70	72 819	2 015,255	18 036,931	8,950	8,483
18	21	98 954	37 747,420	674 752,183	17,875	17,408	68	71	70 605	1 852,115	16 021,675	8,650	8,183
19	22	98 899	35 759,661	637 004,763	17,814	17,346	69	72	68 262	1 697,307	14 169,560	8,348	7,881
20	23	98 842	33 876,051	601 245,102	17,748	17,281	70	73	65 824	1 551,362	12 472,253	8,040	7,572
21	24	98 785	32 091,502	567 369,050	17,680	17,213	71	74	63 266	1 413,327	10 920,891	7,727	7,260
22	25	98 729	30 401,187	535 277,549	17,607	17,140	72	75	60 566	1 282,475	9 507,564	7,413	6,946
23	26	98 668	28 798,611	504 876,361	17,531	17,064	73	76	57 787	1 159,851	8 225,089	7,092	6,624
24	27	98 609	27 280,928	476 077,751	17,451	16,984	74	77	54 878	1 044,041	7 065,238	6,767	6,300
25	28	98 544	25 841,433	448 796,823	17,367	16,900	75	78	51 894	935,802	6 021,197	6,434	5,967
26	29	98 477	24 477,604	422 955,390	17,279	16,812	76	79	48 754	833,338	5 085,395	6,102	5,635
27	30	98 409	23 185,573	398 477,786	17,186	16,719	77	80	45 482	736,891	4 252,057	5,770	5,303
28	31	98 337	21 960,751	375 292,213	17,089	16,622	78	81	42 112	646,715	3 515,166	5,435	4,968
29	32	98 260	20 799,550	353 331,462	16,987	16,520	79	82	38 603	561,920	2 868,452	5,105	4,638
30	33	98 178	19 698,868	332 531,912	16,881	16,414	80	83	34 968	482,479	2 306,532	4,781	4,313
31	34	98 092	18 655,516	312 833,044	16,769	16,302	81	84	31 195	407,979	1 824,053	4,471	4,004
32	35	97 998	17 666,063	294 177,528	16,652	16,185	82	85	27 389	339,523	1 416,074	4,171	3,704
33	36	97 893	16 727,039	276 511,465	16,531	16,064	83	86	23 610	277,418	1 076,551	3,881	3,413
34	37	97 777	15 836,342	259 784,426	16,404	15,937	84	87	19 890	221,529	799,133	3,607	3,140
35	38	97 659	14 992,628	243 948,083	16,271	15,804	85	88	16 314	172,226	577,603	3,354	2,887
36	39	97 532	14 192,424	228 955,455	16,132	15,665	86	89	12 991	130,000	405,377	3,118	2,651
37	40	97 382	13 431,910	214 763,031	15,989	15,522	87	90	10 020	95,040	275,377	2,897	2,430
38	41	97 223	12 710,915	201 331,121	15,839	15,372	88	91	7 443	66,919	180,337	2,695	2,228
39	42	97 053	12 027,197	188 620,206	15,683	15,216	89	92	5 297	45,142	113,418	2,512	2,045
40	43	96 863	11 377,836	176 593,009	15,521	15,054	90	93	3 591	29,007	68,276	2,354	1,887
41	44	96 657	10 761,684	165 215,173	15,352	14,885	91	94	2 318	17,750	39,269	2,212	1,745
42	45	96 425	10 176,216	154 453,489	15,178	14,711	92	95	1 428	10,362	21,519	2,077	1,609
43	46	96 185	9 621,696	144 277,273	14,995	14,528	93	96	826	5,685	11,157	1,963	1,495
44	47	95 918	9 094,765	134 655,577	14,806	14,339	94	97	450	2,932	5,472	1,866	1,399
45	48	95 627	8 594,502	125 560,812	14,609	14,142	95	98	232	1,431	2,540	1,775	1,308
46	49	95 303	8 118,801	116 966,310	14,407	13,940	96	99	112	0,655	1,109	1,693	1,226
47	50	94 946	7 666,739	108 847,509	14,197	13,730	97	100	50	0,279	0,454	1,625	1,158
48	51	94 550	7 236,739	101 180,770	13,982	13,514							
49	52	94 106	6 827,260	93 944,031	13,760	13,293							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	1 850 869,445	18,571	18,104	50	54	93 391	6 422,151	86 211,549	13,424	12,957
1	5	99 319	94 141,223	1 751 203,846	18,602	18,135	51	55	92 834	6 051,073	79 789,398	13,186	12,719
2	6	99 288	89 205,760	1 657 062,623	18,576	18,109	52	56	92 214	5 697,305	73 738,325	12,943	12,475
3	7	99 268	84 537,802	1 567 856,864	18,546	18,079	53	57	91 535	5 360,522	68 041,019	12,693	12,226
4	8	99 251	80 117,303	1 483 319,062	18,514	18,047	54	58	90 780	5 039,128	62 680,498	12,439	11,972
5	9	99 233	75 926,435	1 403 201,759	18,481	18,014	55	59	89 948	4 732,667	57 641,370	12,179	11,712
6	10	99 219	71 957,819	1 327 275,324	18,445	17,978	56	60	89 022	4 439,758	52 908,703	11,917	11,450
7	11	99 204	68 196,530	1 255 317,505	18,407	17,940	57	61	88 005	4 160,209	48 468,945	11,651	11,183
8	12	99 187	64 630,008	1 187 120,975	18,368	17,901	58	62	86 894	3 893,576	44 308,736	11,380	10,913
9	13	99 173	61 252,135	1 122 490,966	18,326	17,859	59	63	85 695	3 639,669	40 415,160	11,104	10,637
10	14	99 157	58 049,647	1 061 238,832	18,282	17,814	60	64	84 376	3 396,825	36 775,491	10,826	10,359
11	15	99 141	55 014,189	1 003 189,185	18,235	17,768	61	65	82 951	3 165,350	33 378,666	10,545	10,078
12	16	99 122	52 136,510	948 174,996	18,186	17,719	62	66	81 415	2 944,761	30 213,316	10,260	9,793
13	17	99 101	49 407,801	896 038,486	18,136	17,668	63	67	79 753	2 734,278	27 268,555	9,973	9,506
14	18	99 079	46 821,615	846 630,685	18,082	17,615	64	68	77 983	2 534,219	24 534,277	9,681	9,214
15	19	99 050	44 367,992	799 809,070	18,027	17,560	65	69	76 097	2 343,989	22 000,058	9,386	8,919
16	20	99 019	42 041,521	755 441,078	17,969	17,502	66	70	74 063	2 162,422	19 656,069	9,090	8,623
17	21	98 980	39 834,150	713 399,556	17,909	17,442	67	71	71 905	1 989,960	17 493,647	8,791	8,324
18	22	98 937	37 741,011	673 565,406	17,847	17,380	68	72	69 630	1 826,529	15 503,686	8,488	8,021
19	23	98 882	35 753,662	635 824,396	17,783	17,316	69	73	67 242	1 671,936	13 677,157	8,180	7,713
20	24	98 826	33 870,511	600 070,734	17,717	17,249	70	74	64 723	1 525,398	12 005,221	7,870	7,403
21	25	98 769	32 086,230	566 200,223	17,646	17,179	71	75	62 115	1 387,616	10 479,823	7,552	7,085
22	26	98 710	30 395,277	534 113,993	17,572	17,105	72	76	59 347	1 256,672	9 092,207	7,235	6,768
23	27	98 651	28 793,478	503 718,716	17,494	17,027	73	77	56 507	1 134,161	7 835,535	6,909	6,441
24	28	98 589	27 275,206	474 925,239	17,412	16,945	74	78	53 564	1 019,048	6 701,374	6,576	6,109
25	29	98 520	25 835,283	447 650,033	17,327	16,860	75	79	50 482	910,341	5 682,326	6,242	5,775
26	30	98 452	24 471,564	421 814,750	17,237	16,770	76	80	47 252	807,664	4 771,985	5,908	5,441
27	31	98 381	23 179,017	397 343,187	17,142	16,675	77	81	43 879	710,907	3 964,320	5,576	5,109
28	32	98 305	21 953,679	374 164,170	17,043	16,576	78	82	40 410	620,578	3 253,414	5,243	4,775
29	33	98 227	20 792,563	352 210,490	16,939	16,472	79	83	36 788	535,508	2 632,836	4,917	4,449
30	34	98 144	19 691,969	331 417,927	16,830	16,363	80	84	33 038	455,848	2 097,328	4,601	4,134
31	35	98 055	18 648,394	311 725,958	16,716	16,249	81	85	29 205	381,955	1 641,480	4,298	3,830
32	36	97 953	17 657,814	293 077,565	16,598	16,130	82	86	25 370	314,503	1 259,525	4,005	3,538
33	37	97 846	16 719,063	275 419,751	16,473	16,006	83	87	21 596	253,760	945,022	3,724	3,257
34	38	97 728	15 828,346	258 700,688	16,344	15,877	84	88	17 919	199,577	691,262	3,464	2,996
35	39	97 605	14 984,321	242 872,342	16,208	15,741	85	89	14 466	152,712	491,685	3,220	2,752
36	40	97 468	14 183,190	227 888,021	16,067	15,600	86	90	11 318	113,255	338,973	2,993	2,526
37	41	97 320	13 423,406	213 704,831	15,920	15,453	87	91	8 546	81,058	225,718	2,785	2,317
38	42	97 152	12 701,598	200 281,425	15,768	15,301	88	92	6 208	55,815	144,660	2,592	2,125
39	43	96 975	12 017,493	187 579,827	15,609	15,142	89	93	4 302	36,658	88,845	2,424	1,956
40	44	96 776	11 367,645	175 562,334	15,444	14,977	90	94	2 839	22,931	52,187	2,276	1,809
41	45	96 565	10 751,505	164 194,689	15,272	14,805	91	95	1 786	13,677	29,255	2,139	1,672
42	46	96 321	10 165,269	153 443,184	15,095	14,628	92	96	1 065	7,728	15,578	2,016	1,549
43	47	96 071	9 610,302	143 277,914	14,909	14,442	93	97	596	4,097	7,850	1,916	1,449
44	48	95 793	9 082,948	133 667,612	14,716	14,249	94	98	317	2,068	3,754	1,815	1,348
45	49	95 482	8 581,463	124 584,665	14,518	14,051	95	99	158	0,974	1,686	1,730	1,263
46	50	95 142	8 105,129	116 003,202	14,312	13,845	96	100	73	0,430	0,711	1,654	1,187
47	51	94 771	7 652,603	107 898,073	14,100	13,632							
48	52	94 354	7 221,712	100 245,471	13,881	13,414							
49	53	93 898	6 812,210	93 023,759	13,655	13,188							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	1 849 480,955	18,559	18,091	50	55	93 133	6 404,462	85 237,981	13,309	12,842
1	6	99 312	94 134,827	1 749 824,531	18,588	18,121	51	56	92 545	6 032,240	78 833,519	13,069	12,602
2	7	99 281	89 199,246	1 655 689,704	18,562	18,095	52	57	91 902	5 678,039	72 801,279	12,822	12,354
3	8	99 263	84 533,775	1 566 490,458	18,531	18,064	53	58	91 191	5 340,386	67 123,239	12,569	12,102
4	9	99 244	80 111,529	1 481 956,683	18,499	18,031	54	59	90 401	5 018,096	61 782,854	12,312	11,845
5	10	99 228	75 922,399	1 401 845,153	18,464	17,997	55	60	89 531	4 710,734	56 764,757	12,050	11,583
6	11	99 213	71 953,819	1 325 922,754	18,427	17,960	56	61	88 566	4 416,997	52 054,023	11,785	11,318
7	12	99 196	68 191,286	1 253 968,936	18,389	17,922	57	62	87 513	4 136,969	47 637,026	11,515	11,048
8	13	99 181	64 625,924	1 185 777,650	18,348	17,881	58	63	86 362	3 869,740	43 500,057	11,241	10,774
9	14	99 165	61 247,293	1 121 151,726	18,305	17,838	59	64	85 116	3 615,064	39 630,317	10,963	10,495
10	15	99 148	58 044,292	1 059 904,433	18,260	17,793	60	65	83 751	3 371,658	36 015,254	10,682	10,215
11	16	99 129	55 007,820	1 001 860,141	18,213	17,746	61	66	82 286	3 139,984	32 643,595	10,396	9,929
12	17	99 110	52 129,845	946 852,321	18,163	17,696	62	67	80 702	2 918,971	29 503,611	10,108	9,640
13	18	99 088	49 401,395	894 722,476	18,111	17,644	63	68	79 007	2 708,691	26 584,640	9,815	9,347
14	19	99 063	46 814,015	845 321,081	18,057	17,590	64	69	77 188	2 508,360	23 875,949	9,519	9,051
15	20	99 034	44 360,700	798 507,066	18,000	17,533	65	70	75 218	2 316,925	21 367,589	9,222	8,755
16	21	99 003	42 034,640	754 146,366	17,941	17,474	66	71	73 134	2 135,280	19 050,664	8,922	8,455
17	22	98 963	39 827,386	712 111,726	17,880	17,413	67	72	70 912	1 962,470	16 915,384	8,619	8,152
18	23	98 920	37 734,679	672 284,340	17,816	17,349	68	73	68 589	1 799,226	14 952,914	8,311	7,844
19	24	98 866	35 747,814	634 549,662	17,751	17,284	69	74	66 116	1 643,954	13 153,688	8,001	7,534
20	25	98 810	33 864,947	598 801,848	17,682	17,215	70	75	63 545	1 497,648	11 509,733	7,685	7,218
21	26	98 750	32 079,992	564 936,901	17,610	17,143	71	76	60 865	1 359,697	10 012,085	7,363	6,896
22	27	98 692	30 389,859	532 856,909	17,534	17,067	72	77	58 033	1 228,838	8 652,388	7,041	6,574
23	28	98 630	28 787,438	502 467,050	17,454	16,987	73	78	55 155	1 107,011	7 423,550	6,706	6,239
24	29	98 565	27 268,714	473 679,612	17,371	16,904	74	79	52 107	991,323	6 316,539	6,372	5,905
25	30	98 496	25 828,908	446 410,897	17,283	16,816	75	80	48 927	882,295	5 325,216	6,036	5,568
26	31	98 424	24 464,643	420 581,990	17,191	16,724	76	81	45 586	779,185	4 442,922	5,702	5,235
27	32	98 349	23 171,553	396 117,346	17,095	16,628	77	82	42 105	682,175	3 663,737	5,371	4,903
28	33	98 272	21 946,305	372 945,793	16,994	16,526	78	83	38 511	591,409	2 981,562	5,041	4,574
29	34	98 192	20 785,281	350 999,488	16,887	16,420	79	84	34 758	505,950	2 390,152	4,724	4,257
30	35	98 106	19 684,451	330 214,207	16,775	16,308	80	85	30 931	426,770	1 884,202	4,415	3,948
31	36	98 009	18 639,686	310 529,756	16,660	16,192	81	86	27 053	353,807	1 457,432	4,119	3,652
32	37	97 906	17 649,393	291 890,070	16,538	16,071	82	87	23 207	287,682	1 103,624	3,836	3,369
33	38	97 797	16 710,621	274 240,677	16,411	15,944	83	88	19 456	228,614	815,942	3,569	3,102
34	39	97 674	15 819,576	257 530,056	16,279	15,812	84	89	15 889	176,964	587,328	3,319	2,852
35	40	97 542	14 974,571	241 710,480	16,141	15,674	85	90	12 602	133,042	410,364	3,084	2,617
36	41	97 406	14 174,210	226 735,909	15,996	15,529	86	91	9 653	96,593	277,322	2,871	2,404
37	42	97 249	13 413,567	212 561,699	15,847	15,380	87	92	7 128	67,609	180,729	2,673	2,206
38	43	97 074	12 691,350	199 148,132	15,692	15,224	88	93	5 041	45,325	113,121	2,496	2,029
39	44	96 888	12 006,729	186 456,782	15,529	15,062	89	94	3 401	28,980	67,796	2,339	1,872
40	45	96 685	11 356,893	174 450,053	15,361	14,894	90	95	2 188	17,670	38,816	2,197	1,730
41	46	96 461	10 739,940	163 093,160	15,186	14,718	91	96	1 332	10,200	21,146	2,073	1,606
42	47	96 207	10 153,232	152 353,220	15,005	14,538	92	97	767	5,569	10,947	1,966	1,498
43	48	95 946	9 597,815	142 199,988	14,816	14,349	93	98	420	2,889	5,378	1,861	1,394
44	49	95 648	9 069,168	132 602,173	14,621	14,154	94	99	216	1,408	2,488	1,767	1,300
45	50	95 321	8 567,011	123 533,005	14,420	13,952	95	100	104	0,640	1,080	1,688	1,221
46	51	94 967	8 090,184	114 965,994	14,211	13,743							
47	52	94 574	7 636,712	106 875,811	13,995	13,528							
48	53	94 146	7 205,792	99 239,099	13,772	13,305							
49	54	93 666	6 795,325	92 033,306	13,544	13,076							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	1 847 989,115	18,545	18,078	50	56	92 844	6 384,529	84 193,327	13,187	12,720
1	7	99 305	94 127,953	1 748 339,462	18,574	18,107	51	57	92 232	6 011,842	77 808,798	12,943	12,475
2	8	99 276	89 194,998	1 654 211,509	18,546	18,079	52	58	91 557	5 656,711	71 796,956	12,692	12,225
3	9	99 256	84 527,683	1 565 016,511	18,515	18,048	53	59	90 811	5 318,097	66 140,245	12,437	11,970
4	10	99 239	80 107,271	1 480 488,828	18,481	18,014	54	60	89 982	4 994,840	60 822,148	12,177	11,710
5	11	99 222	75 918,178	1 400 381,557	18,446	17,979	55	61	89 072	4 686,583	55 827,308	11,912	11,445
6	12	99 205	71 948,285	1 324 463,378	18,409	17,941	56	62	88 071	4 392,323	51 140,725	11,643	11,176
7	13	99 190	68 186,976	1 252 515,093	18,369	17,902	57	63	86 977	4 111,643	46 748,402	11,370	10,903
8	14	99 173	64 620,816	1 184 328,117	18,327	17,860	58	64	85 779	3 843,580	42 636,759	11,093	10,626
9	15	99 156	61 241,643	1 119 707,301	18,283	17,816	59	65	84 485	3 588,280	38 793,180	10,811	10,344
10	16	99 137	58 037,572	1 058 465,658	18,238	17,770	60	66	83 080	3 344,639	35 204,899	10,526	10,059
11	17	99 117	55 000,787	1 000 428,086	18,189	17,722	61	67	81 566	3 112,485	31 860,260	10,236	9,769
12	18	99 097	52 123,086	945 427,299	18,138	17,671	62	68	79 946	2 891,656	28 747,775	9,942	9,474
13	19	99 072	49 393,376	893 304,212	18,086	17,618	63	69	78 201	2 681,052	25 856,120	9,644	9,177
14	20	99 046	46 806,321	843 910,836	18,030	17,563	64	70	76 296	2 479,398	23 175,068	9,347	8,880
15	21	99 018	44 353,439	797 104,516	17,972	17,504	65	71	74 274	2 287,843	20 695,670	9,046	8,579
16	22	98 986	42 027,086	752 751,077	17,911	17,444	66	72	72 123	2 105,782	18 407,827	8,742	8,274
17	23	98 947	39 820,704	710 723,574	17,848	17,381	67	73	69 852	1 933,135	16 302,045	8,433	7,966
18	24	98 904	37 728,507	670 902,871	17,782	17,315	68	74	67 441	1 769,114	14 368,910	8,122	7,655
19	25	98 850	35 741,941	633 174,364	17,715	17,248	69	75	64 914	1 614,047	12 599,795	7,806	7,339
20	26	98 790	33 858,363	597 432,422	17,645	17,178	70	76	62 267	1 467,515	10 985,748	7,486	7,019
21	27	98 732	32 074,274	563 574,059	17,571	17,104	71	77	59 517	1 329,581	9 518,232	7,159	6,692
22	28	98 671	30 383,485	531 499,785	17,493	17,026	72	78	56 643	1 199,422	8 188,651	6,827	6,360
23	29	98 607	28 780,587	501 116,300	17,412	16,944	73	79	53 654	1 076,892	6 989,229	6,490	6,023
24	30	98 541	27 261,985	472 335,713	17,326	16,859	74	80	50 502	960,782	5 912,337	6,154	5,686
25	31	98 468	25 821,604	445 073,728	17,236	16,769	75	81	47 202	851,184	4 951,556	5,817	5,350
26	32	98 393	24 456,766	419 252,124	17,143	16,675	76	82	43 743	747,694	4 100,372	5,484	5,017
27	33	98 316	23 163,770	394 795,358	17,044	16,576	77	83	40 126	650,111	3 352,678	5,157	4,690
28	34	98 238	21 938,619	371 631,589	16,940	16,472	78	84	36 385	558,766	2 702,567	4,837	4,369
29	35	98 155	20 777,346	349 692,970	16,830	16,363	79	85	32 541	473,677	2 143,801	4,526	4,059
30	36	98 061	19 675,259	328 915,624	16,717	16,250	80	86	28 651	395,320	1 670,124	4,225	3,758
31	37	97 962	18 630,797	309 240,365	16,598	16,131	81	87	24 746	323,635	1 274,804	3,939	3,472
32	38	97 856	17 640,482	290 609,568	16,474	16,007	82	88	20 907	259,174	951,169	3,670	3,203
33	39	97 742	16 701,362	272 969,086	16,344	15,877	83	89	17 252	202,711	691,994	3,414	2,947
34	40	97 610	15 809,283	256 267,724	16,210	15,743	84	90	13 842	154,170	489,283	3,174	2,706
35	41	97 480	14 965,090	240 458,442	16,068	15,601	85	91	10 748	113,469	335,114	2,953	2,486
36	42	97 335	14 163,821	225 493,351	15,920	15,453	86	92	8 051	80,566	221,644	2,751	2,284
37	43	97 171	13 402,744	211 329,530	15,768	15,300	87	93	5 788	54,902	141,079	2,570	2,102
38	44	96 987	12 679,982	197 926,786	15,609	15,142	88	94	3 985	35,831	86,177	2,405	1,938
39	45	96 797	11 995,372	185 246,803	15,443	14,976	89	95	2 620	22,330	50,346	2,255	1,787
40	46	96 581	11 344,677	173 251,431	15,272	14,804	90	96	1 631	13,177	28,016	2,126	1,659
41	47	96 347	10 727,222	161 906,754	15,093	14,626	91	97	960	7,351	14,839	2,019	1,551
42	48	96 082	10 140,039	151 179,532	14,909	14,442	92	98	541	3,928	7,488	1,906	1,439
43	49	95 801	9 583,254	141 039,493	14,717	14,250	93	99	286	1,968	3,560	1,809	1,342
44	50	95 487	9 053,895	131 456,239	14,519	14,052	94	100	142	0,925	1,593	1,722	1,255
45	51	95 146	8 551,214	122 402,344	14,314	13,847							
46	52	94 770	8 073,384	113 851,130	14,102	13,635							
47	53	94 366	7 619,877	105 777,746	13,882	13,415							
48	54	93 912	7 187,932	98 157,868	13,656	13,189							
49	55	93 408	6 776,609	90 969,936	13,424	12,957							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	1 846 385,023	18,530	18,063	50	57	92 530	6 362,939	83 075,409	13,056	12,589
1	8	99 300	94 123,470	1 746 742,645	18,558	18,091	51	58	91 886	5 989,259	76 712,470	12,808	12,341
2	9	99 269	89 188,570	1 652 619,175	18,529	18,062	52	59	91 175	5 633,102	70 723,210	12,555	12,088
3	10	99 251	84 523,190	1 563 430,606	18,497	18,030	53	60	90 390	5 293,451	65 090,108	12,296	11,829
4	11	99 233	80 102,818	1 478 907,415	18,463	17,995	54	61	89 520	4 969,233	59 796,657	12,033	11,566
5	12	99 214	75 912,340	1 398 804,598	18,427	17,959	55	62	88 575	4 660,403	54 827,424	11,765	11,297
6	13	99 199	71 943,738	1 322 892,258	18,388	17,921	56	63	87 532	4 365,433	50 167,022	11,492	11,025
7	14	99 182	68 181,587	1 250 948,520	18,347	17,880	57	64	86 389	4 083,848	45 801,588	11,215	10,748
8	15	99 164	64 614,855	1 182 766,933	18,305	17,838	58	65	85 143	3 815,103	41 717,741	10,935	10,468
9	16	99 145	61 234,553	1 118 152,078	18,260	17,793	59	66	83 808	3 559,525	37 902,638	10,648	10,181
10	17	99 124	58 030,152	1 056 917,525	18,213	17,746	60	67	82 352	3 315,347	34 343,113	10,359	9,892
11	18	99 104	54 993,656	998 887,373	18,164	17,696	61	68	80 802	3 083,359	31 027,765	10,063	9,596
12	19	99 081	52 114,625	943 893,716	18,112	17,645	62	69	79 131	2 862,149	27 944,407	9,763	9,296
13	20	99 056	49 385,257	891 779,091	18,058	17,590	63	70	77 298	2 650,096	25 082,257	9,465	8,997
14	21	99 030	46 798,659	842 393,833	18,000	17,533	64	71	75 339	2 448,277	22 432,162	9,162	8,695
15	22	99 001	44 345,908	795 595,174	17,941	17,473	65	72	73 248	2 256,238	19 983,885	8,857	8,390
16	23	98 969	42 020,451	751 249,266	17,878	17,411	66	73	71 045	2 074,305	17 727,647	8,546	8,079
17	24	98 930	39 814,191	709 228,815	17,813	17,346	67	74	68 683	1 900,782	15 653,342	8,235	7,768
18	25	98 888	37 722,309	669 414,624	17,746	17,279	68	75	66 214	1 736,931	13 752,560	7,918	7,451
19	26	98 830	35 734,993	631 692,315	17,677	17,210	69	76	63 608	1 581,573	12 015,629	7,597	7,130
20	27	98 773	33 852,328	595 957,322	17,605	17,137	70	77	60 887	1 435,012	10 434,052	7,271	6,804
21	28	98 711	32 067,547	562 104,994	17,529	17,062	71	78	58 092	1 297,753	8 999,045	6,934	6,467
22	29	98 648	30 376,254	530 037,448	17,449	16,982	72	79	55 102	1 166,789	7 701,292	6,600	6,133
23	30	98 582	28 773,485	499 661,193	17,365	16,898	73	80	52 001	1 043,715	6 534,503	6,261	5,794
24	31	98 513	27 254,276	470 887,708	17,278	16,810	74	81	48 721	926,903	5 490,788	5,924	5,457
25	32	98 436	25 813,289	443 633,432	17,186	16,719	75	82	45 294	816,783	4 563,885	5,588	5,120
26	33	98 360	24 448,550	417 820,143	17,090	16,623	76	83	41 687	712,551	3 747,103	5,259	4,792
27	34	98 282	23 155,657	393 371,593	16,988	16,521	77	84	37 911	614,228	3 034,552	4,940	4,473
28	35	98 200	21 930,243	370 215,936	16,882	16,414	78	85	34 064	523,123	2 420,324	4,627	4,159
29	36	98 109	20 767,644	348 285,693	16,771	16,303	79	86	30 143	438,770	1 897,201	4,324	3,857
30	37	98 014	19 665,877	327 518,049	16,654	16,187	80	87	26 208	361,608	1 458,431	4,033	3,566
31	38	97 913	18 621,390	307 852,172	16,532	16,065	81	88	22 294	291,565	1 096,823	3,762	3,295
32	39	97 802	17 630,707	289 230,782	16,405	15,938	82	89	18 538	229,809	805,259	3,504	3,037
33	40	97 679	16 690,495	271 600,075	16,273	15,806	83	90	15 030	176,601	575,450	3,258	2,791
34	41	97 549	15 799,273	254 909,580	16,134	15,667	84	91	11 806	131,489	398,849	3,033	2,566
35	42	97 409	14 954,122	239 110,307	15,990	15,522	85	92	8 965	94,642	267,360	2,825	2,358
36	43	97 256	14 152,393	224 156,185	15,839	15,372	86	93	6 538	65,424	172,719	2,640	2,173
37	44	97 084	13 390,739	210 003,792	15,683	15,216	87	94	4 576	43,402	107,295	2,472	2,005
38	45	96 895	12 667,989	196 613,052	15,520	15,053	88	95	3 071	27,609	63,893	2,314	1,847
39	46	96 692	11 982,469	183 945,063	15,351	14,884	89	96	1 954	16,653	36,284	2,179	1,712
40	47	96 466	11 331,243	171 962,594	15,176	14,709	90	97	1 176	9,497	19,631	2,067	1,600
41	48	96 222	10 713,284	160 631,351	14,994	14,526	91	98	677	5,184	10,134	1,955	1,488
42	49	95 936	10 124,655	149 918,068	14,807	14,340	92	99	369	2,675	4,950	1,851	1,384
43	50	95 639	9 567,115	139 793,412	14,612	14,145	93	100	188	1,292	2,276	1,761	1,294
44	51	95 311	9 037,200	130 226,297	14,410	13,943							
45	52	94 948	8 533,458	121 189,097	14,202	13,734							
46	53	94 561	8 055,587	112 655,639	13,985	13,518							
47	54	94 132	7 600,991	104 600,052	13,761	13,294							
48	55	93 654	7 168,135	96 999,061	13,532	13,065							
49	56	93 117	6 755,518	89 830,927	13,297	12,830							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	1 844 662,522	18,514	18,047	50	58	92 182	6 339,038	81 881,472	12,917	12,450
1	9	99 293	94 116,687	1 745 024,891	18,541	18,074	51	59	91 502	5 964,263	75 542,434	12,666	12,199
2	10	99 264	89 183,829	1 650 908,204	18,511	18,044	52	60	90 752	5 606,996	69 578,171	12,409	11,942
3	11	99 245	84 518,491	1 561 724,375	18,478	18,011	53	61	89 926	5 266,312	63 971,175	12,147	11,680
4	12	99 226	80 096,658	1 477 205,883	18,443	17,976	54	62	89 020	4 941,474	58 704,863	11,880	11,413
5	13	99 208	75 907,542	1 397 109,226	18,405	17,938	55	63	88 032	4 631,872	53 763,389	11,607	11,140
6	14	99 191	71 938,052	1 321 201,684	18,366	17,899	56	64	86 940	4 335,922	49 131,517	11,331	10,864
7	15	99 173	68 175,297	1 249 263,632	18,324	17,857	57	65	85 749	4 053,591	44 795,595	11,051	10,584
8	16	99 152	64 607,374	1 181 088,335	18,281	17,814	58	66	84 461	3 784,530	40 742,004	10,765	10,298
9	17	99 132	61 226,725	1 116 480,961	18,235	17,768	59	67	83 074	3 528,352	36 957,473	10,474	10,007
10	18	99 111	58 022,628	1 055 254,236	18,187	17,720	60	68	81 582	3 284,323	33 429,122	10,178	9,711
11	19	99 088	54 984,730	997 231,607	18,137	17,669	61	69	79 978	3 051,896	30 144,799	9,877	9,410
12	20	99 064	52 106,059	942 246,877	18,083	17,617	62	70	78 217	2 829,102	27 092,903	9,577	9,109
13	21	99 039	49 377,174	890 140,818	18,027	17,560	63	71	76 327	2 616,832	24 263,801	9,272	8,805
14	22	99 013	46 790,713	840 763,644	17,969	17,501	64	72	74 298	2 414,455	21 646,969	8,966	8,498
15	23	98 985	44 338,467	793 972,931	17,907	17,440	65	73	72 153	2 222,512	19 232,514	8,654	8,186
16	24	98 953	42 013,579	749 634,464	17,843	17,375	66	74	69 856	2 039,589	17 010,002	8,340	7,873
17	25	98 914	39 807,651	707 620,885	17,776	17,309	67	75	67 433	1 866,203	14 970,413	8,022	7,555
18	26	98 869	37 714,976	667 813,234	17,707	17,240	68	76	64 882	1 701,984	13 104,210	7,699	7,232
19	27	98 813	35 728,623	630 098,259	17,636	17,168	69	77	62 199	1 546,543	11 402,226	7,373	6,906
20	28	98 752	33 845,228	594 369,636	17,561	17,094	70	78	59 430	1 400,660	9 855,683	7,036	6,569
21	29	98 688	32 059,915	560 524,408	17,484	17,016	71	79	56 512	1 262,445	8 455,024	6,697	6,230
22	30	98 624	30 368,758	528 464,493	17,402	16,934	72	80	53 405	1 130,842	7 192,579	6,360	5,893
23	31	98 554	28 765,348	498 095,735	17,316	16,849	73	81	50 167	1 006,912	6 061,737	6,020	5,553
24	32	98 481	27 245,500	469 330,386	17,226	16,759	74	82	46 752	889,442	5 054,825	5,683	5,216
25	33	98 403	25 804,618	442 084,886	17,132	16,665	75	83	43 165	778,392	4 165,384	5,351	4,884
26	34	98 325	24 439,988	416 280,268	17,033	16,566	76	84	39 386	673,221	3 386,991	5,031	4,564
27	35	98 244	23 146,816	391 840,280	16,928	16,461	77	85	35 493	575,048	2 713,771	4,719	4,252
28	36	98 154	21 920,003	368 693,464	16,820	16,353	78	86	31 554	484,572	2 138,723	4,414	3,946
29	37	98 062	20 757,741	346 773,461	16,706	16,239	79	87	27 572	401,352	1 654,151	4,121	3,654
30	38	97 964	19 655,947	326 015,720	16,586	16,119	80	88	23 611	325,774	1 252,799	3,846	3,378
31	39	97 858	18 611,072	306 359,774	16,461	15,994	81	89	19 768	258,529	927,024	3,586	3,119
32	40	97 739	17 619,236	287 748,702	16,332	15,864	82	90	16 150	200,208	668,495	3,339	2,872
33	41	97 617	16 679,928	270 129,466	16,195	15,728	83	91	12 818	150,620	468,287	3,109	2,642
34	42	97 477	15 787,693	253 449,538	16,054	15,586	84	92	9 847	109,671	317,667	2,897	2,429
35	43	97 330	14 942,056	237 661,845	15,906	15,438	85	93	7 280	76,854	207,996	2,706	2,239
36	44	97 169	14 139,717	222 719,789	15,751	15,284	86	94	5 169	51,720	131,142	2,536	2,068
37	45	96 992	13 378,074	208 580,072	15,591	15,124	87	95	3 526	33,443	79,422	2,375	1,908
38	46	96 791	12 654,363	195 201,998	15,426	14,958	88	96	2 290	20,590	45,979	2,233	1,766
39	47	96 578	11 968,280	182 547,636	15,253	14,785	89	97	1 408	12,001	25,389	2,116	1,648
40	48	96 341	11 316,519	170 579,356	15,073	14,606	90	98	829	6,698	13,388	1,999	1,532
41	49	96 076	10 697,030	159 262,837	14,889	14,421	91	99	461	3,530	6,690	1,895	1,428
42	50	95 775	10 107,605	148 565,806	14,698	14,231	92	100	242	1,757	3,160	1,799	1,332
43	51	95 463	9 549,475	138 458,201	14,499	14,032							
44	52	95 113	9 018,434	128 908,727	14,294	13,827							
45	53	94 739	8 514,646	119 890,292	14,080	13,613							
46	54	94 326	8 035,621	111 375,646	13,860	13,393							
47	55	93 872	7 580,056	103 340,025	13,633	13,166							
48	56	93 362	7 145,825	95 759,970	13,401	12,934							
49	57	92 802	6 732,673	88 614,145	13,162	12,695							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	1 842 812,056	18,496	18,029	50	59	91 797	6 312,582	80 609,459	12,770	12,302
1	10	99 288	94 111,684	1 743 181,606	18,522	18,055	51	60	91 078	5 936,622	74 296,877	12,515	12,048
2	11	99 258	89 178,871	1 649 069,921	18,492	18,025	52	61	90 287	5 578,250	68 360,256	12,255	11,788
3	12	99 237	84 511,992	1 559 891,050	18,458	17,990	53	62	89 424	5 236,894	62 782,006	11,988	11,521
4	13	99 219	80 091,596	1 475 379,058	18,421	17,954	54	63	88 475	4 911,222	57 545,112	11,717	11,250
5	14	99 200	75 901,543	1 395 287,463	18,383	17,916	55	64	87 437	4 600,560	52 633,890	11,441	10,974
6	15	99 182	71 931,415	1 319 385,920	18,342	17,875	56	65	86 296	4 303,798	48 033,330	11,161	10,693
7	16	99 162	68 167,404	1 247 454,505	18,300	17,833	57	66	85 062	4 021,107	43 729,532	10,875	10,408
8	17	99 139	64 599,115	1 179 287,100	18,255	17,788	58	67	83 721	3 751,386	39 708,425	10,585	10,118
9	18	99 119	61 218,787	1 114 687,986	18,208	17,741	59	68	82 297	3 495,333	35 957,039	10,287	9,820
10	19	99 095	58 013,210	1 053 469,199	18,159	17,692	60	69	80 749	3 250,809	32 461,705	9,986	9,519
11	20	99 071	54 975,692	995 455,989	18,107	17,640	61	70	79 054	3 016,658	29 210,896	9,683	9,216
12	21	99 048	52 099,531	940 480,296	18,052	17,585	62	71	77 235	2 793,592	26 194,238	9,377	8,909
13	22	99 023	49 368,790	888 382,766	17,995	17,528	63	72	75 273	2 580,682	23 400,646	9,068	8,600
14	23	98 997	46 782,863	839 013,976	17,934	17,467	64	73	73 187	2 378,364	20 819,964	8,754	8,287
15	24	98 968	44 331,215	792 231,113	17,871	17,404	65	74	70 945	2 185,316	18 441,600	8,439	7,972
16	25	98 937	42 006,677	747 899,898	17,804	17,337	66	75	68 585	2 002,485	16 256,284	8,118	7,651
17	26	98 895	39 799,911	705 893,221	17,736	17,269	67	76	66 076	1 828,655	14 253,799	7,795	7,328
18	27	98 851	37 708,253	666 093,310	17,664	17,197	68	77	63 445	1 664,287	12 425,144	7,466	6,999
19	28	98 792	35 721,129	628 385,056	17,591	17,124	69	78	60 710	1 509,521	10 760,858	7,129	6,661
20	29	98 729	33 837,173	592 663,927	17,515	17,048	70	79	57 813	1 362,551	9 251,337	6,790	6,323
21	30	98 664	32 052,004	558 826,754	17,435	16,968	71	80	54 770	1 223,551	7 888,785	6,447	5,980
22	31	98 596	30 360,170	526 774,751	17,351	16,884	72	81	51 522	1 090,966	6 665,235	6,109	5,642
23	32	98 523	28 756,086	496 414,580	17,263	16,796	73	82	48 140	966,217	5 574,268	5,769	5,302
24	33	98 448	27 236,348	467 658,494	17,170	16,703	74	83	44 554	847,636	4 608,051	5,436	4,969
25	34	98 369	25 795,581	440 422,146	17,074	16,606	75	84	40 783	735,428	3 760,415	5,113	4,646
26	35	98 288	24 430,657	414 626,565	16,972	16,504	76	85	36 874	630,277	3 024,987	4,799	4,332
27	36	98 198	23 136,008	390 195,908	16,865	16,398	77	86	32 877	532,670	2 394,709	4,496	4,028
28	37	98 108	21 909,550	367 059,900	16,753	16,286	78	87	28 863	443,249	1 862,039	4,201	3,734
29	38	98 013	20 747,259	345 150,350	16,636	16,169	79	88	24 840	361,580	1 418,790	3,924	3,457
30	39	97 910	19 645,055	324 403,091	16,513	16,046	80	89	20 936	288,863	1 057,210	3,660	3,193
31	40	97 795	18 598,963	304 758,035	16,386	15,919	81	90	17 222	225,229	768,347	3,411	2,944
32	41	97 677	17 608,080	286 159,073	16,252	15,784	82	91	13 774	170,754	543,118	3,181	2,714
33	42	97 545	16 667,702	268 550,992	16,112	15,645	83	92	10 692	125,628	372,364	2,964	2,497
34	43	97 398	15 774,955	251 883,290	15,967	15,500	84	93	7 996	89,059	246,737	2,770	2,303
35	44	97 243	14 928,672	236 108,335	15,816	15,349	85	94	5 755	60,756	157,678	2,595	2,128
36	45	97 077	14 126,343	221 179,663	15,657	15,190	86	95	3 983	39,853	96,921	2,432	1,965
37	46	96 887	13 363,684	207 053,320	15,494	15,027	87	96	2 629	24,940	57,069	2,288	1,821
38	47	96 676	12 639,377	193 689,636	15,324	14,857	88	97	1 650	14,839	32,129	2,165	1,698
39	48	96 452	11 952,729	181 050,259	15,147	14,680	89	98	993	8,464	17,290	2,043	1,576
40	49	96 195	11 299,351	169 097,530	14,965	14,498	90	99	565	4,561	8,826	1,935	1,468
41	50	95 914	10 679,016	157 798,179	14,776	14,309	91	100	303	2,318	4,265	1,840	1,372
42	51	95 598	10 088,967	147 119,163	14,582	14,115							
43	52	95 265	9 529,645	137 030,196	14,379	13,912							
44	53	94 903	8 998,554	127 500,551	14,169	13,702							
45	54	94 504	8 493,542	118 501,997	13,952	13,485							
46	55	94 066	8 013,488	110 008,455	13,728	13,261							
47	56	93 580	7 556,464	101 994,967	13,498	13,031							
48	57	93 046	7 121,660	94 438,503	13,261	12,794							
49	58	92 454	6 707,383	87 316,843	13,018	12,551							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	1 840 828,931	18,478	18,010	50	60	91 372	6 283,326	79 257,603	12,614	12,147
1	11	99 282	94 106,452	1 741 203,776	18,502	18,035	51	61	90 611	5 906,186	72 974,277	12,356	11,888
2	12	99 251	89 172,013	1 647 097,324	18,471	18,004	52	62	89 783	5 547,089	67 068,091	12,091	11,623
3	13	99 231	84 506,651	1 557 925,311	18,436	17,968	53	63	88 877	5 204,834	61 521,002	11,820	11,353
4	14	99 212	80 085,265	1 473 418,660	18,398	17,931	54	64	87 877	4 878,022	56 316,168	11,545	11,078
5	15	99 191	75 894,541	1 393 333,395	18,359	17,892	55	65	86 789	4 566,475	51 438,147	11,264	10,797
6	16	99 171	71 923,088	1 317 438,854	18,317	17,850	56	66	85 604	4 269,309	46 871,671	10,979	10,512
7	17	99 149	68 158,690	1 245 515,766	18,274	17,807	57	67	84 317	3 985,891	42 602,363	10,688	10,221
8	18	99 127	64 590,739	1 177 357,076	18,228	17,761	58	68	82 938	3 716,281	38 616,472	10,391	9,924
9	19	99 103	61 208,850	1 112 766,337	18,180	17,713	59	69	81 457	3 459,667	34 900,191	10,088	9,621
10	20	99 079	58 003,675	1 051 557,487	18,129	17,662	60	70	79 817	3 213,275	31 440,523	9,785	9,317
11	21	99 055	54 966,694	993 553,813	18,076	17,608	61	71	78 062	2 978,794	28 227,249	9,476	9,009
12	22	99 031	52 088,685	938 587,119	18,019	17,552	62	72	76 168	2 755,000	25 248,455	9,165	8,697
13	23	99 006	49 360,507	886 498,434	17,960	17,492	63	73	74 148	2 542,106	22 493,455	8,848	8,381
14	24	98 981	46 775,211	837 137,928	17,897	17,430	64	74	71 962	2 338,560	19 951,349	8,531	8,064
15	25	98 952	44 323,933	790 362,717	17,832	17,364	65	75	69 655	2 145,560	17 612,729	8,209	7,742
16	26	98 918	41 998,510	746 038,784	17,763	17,296	66	76	67 205	1 962,195	15 467,290	7,883	7,415
17	27	98 877	39 792,817	704 040,273	17,693	17,225	67	77	64 613	1 788,153	13 505,034	7,553	7,085
18	28	98 830	37 700,344	664 247,456	17,619	17,152	68	78	61 926	1 624,446	11 716,882	7,213	6,746
19	29	98 769	35 712,628	626 547,112	17,544	17,077	69	79	59 058	1 468,451	10 092,436	6,873	6,406
20	30	98 704	33 828,823	590 834,484	17,465	16,998	70	80	56 032	1 320,573	8 623,985	6,530	6,063
21	31	98 636	32 042,940	557 005,661	17,383	16,916	71	81	52 839	1 180,406	7 303,412	6,187	5,720
22	32	98 564	30 350,394	524 962,721	17,297	16,830	72	82	49 439	1 046,875	6 123,005	5,849	5,382
23	33	98 490	28 746,426	494 612,327	17,206	16,739	73	83	45 877	920,803	5 076,131	5,513	5,046
24	34	98 414	27 226,809	465 865,900	17,111	16,643	74	84	42 095	800,850	4 155,328	5,189	4,721
25	35	98 331	25 785,732	438 639,091	17,011	16,544	75	85	38 181	688,517	3 354,478	4,872	4,405
26	36	98 242	24 419,249	412 853,359	16,907	16,440	76	86	34 156	583,830	2 665,961	4,566	4,099
27	37	98 152	23 124,976	388 434,109	16,797	16,330	77	87	30 074	487,245	2 082,131	4,273	3,806
28	38	98 058	21 898,487	365 309,134	16,682	16,215	78	88	26 003	399,325	1 594,886	3,994	3,527
29	39	97 958	20 735,763	343 410,647	16,561	16,094	79	89	22 025	320,612	1 195,561	3,729	3,262
30	40	97 846	19 632,273	322 674,883	16,436	15,969	80	90	18 239	251,655	874,950	3,477	3,010
31	41	97 733	18 587,187	303 042,610	16,304	15,837	81	91	14 688	192,094	623,294	3,245	2,778
32	42	97 605	17 595,175	284 455,423	16,167	15,699	82	92	11 489	142,421	431,200	3,028	2,560
33	43	97 467	16 654,254	266 860,248	16,024	15,556	83	93	8 682	102,016	288,779	2,831	2,364
34	44	97 311	15 760,825	250 205,994	15,875	15,408	84	94	6 321	70,405	186,763	2,653	2,186
35	45	97 151	14 914,552	234 445,169	15,719	15,252	85	95	4 435	46,815	116,358	2,485	2,018
36	46	96 973	14 111,148	219 530,617	15,557	15,090	86	96	2 970	29,720	69,542	2,340	1,873
37	47	96 773	13 347,858	205 419,469	15,390	14,923	87	97	1 895	17,974	39,822	2,216	1,748
38	48	96 550	12 622,954	192 071,610	15,216	14,749	88	98	1 164	10,465	21,848	2,088	1,621
39	49	96 306	11 934,595	179 448,656	15,036	14,569	89	99	676	5,764	11,383	1,975	1,508
40	50	96 033	11 280,322	167 514,061	14,850	14,383	90	100	371	2,995	5,619	1,876	1,409
41	51	95 737	10 659,325	156 233,739	14,657	14,190							
42	52	95 400	10 068,018	145 574,414	14,459	13,992							
43	53	95 055	9 508,638	135 506,397	14,251	13,784							
44	54	94 668	8 976,250	125 997,759	14,037	13,570							
45	55	94 244	8 470,149	117 021,509	13,816	13,349							
46	56	93 774	7 988,547	108 551,360	13,588	13,121							
47	57	93 264	7 530,911	100 562,813	13,353	12,886							
48	58	92 697	7 094,909	93 031,902	13,112	12,645							
49	59	92 068	6 679,390	85 936,993	12,866	12,399							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	1 838 703,754	18,457	17,990	50	61	90 903	6 251,113	77 824,425	12,450	11,983
1	12	99 275	94 099,215	1 739 084,137	18,481	18,014	51	62	90 105	5 873,193	71 573,312	12,186	11,719
2	13	99 244	89 166,378	1 644 984,922	18,448	17,981	52	63	89 233	5 513,130	65 700,119	11,917	11,450
3	14	99 223	84 499,971	1 555 818,544	18,412	17,945	53	64	88 276	5 169,648	60 186,989	11,642	11,175
4	15	99 202	80 077,877	1 471 318,573	18,374	17,906	54	65	87 226	4 841,881	55 017,341	11,363	10,896
5	16	99 180	75 885,754	1 391 240,696	18,333	17,866	55	66	86 094	4 529,881	50 175,460	11,077	10,609
6	17	99 158	71 913,893	1 315 354,941	18,291	17,824	56	67	84 855	4 231,919	45 645,579	10,786	10,319
7	18	99 136	68 149,853	1 243 441,048	18,246	17,779	57	68	83 528	3 948,591	41 413,660	10,488	10,021
8	19	99 110	64 580,255	1 175 291,195	18,199	17,732	58	69	82 091	3 678,360	37 465,068	10,185	9,718
9	20	99 087	61 198,789	1 110 710,941	18,149	17,682	59	70	80 517	3 419,721	33 786,708	9,880	9,413
10	21	99 062	57 994,180	1 049 512,151	18,097	17,630	60	71	78 815	3 172,942	30 366,987	9,571	9,103
11	22	99 038	54 957,360	991 517,971	18,042	17,574	61	72	76 984	2 937,643	27 194,045	9,257	8,790
12	23	99 015	52 079,945	936 560,611	17,983	17,516	62	73	75 030	2 713,818	24 256,402	8,938	8,471
13	24	98 990	49 352,434	884 480,665	17,922	17,455	63	74	72 907	2 499,561	21 542,584	8,619	8,151
14	25	98 964	46 767,527	835 128,232	17,857	17,390	64	75	70 653	2 296,016	19 043,022	8,294	7,827
15	26	98 933	44 315,316	788 360,705	17,790	17,323	65	76	68 253	2 102,392	16 747,006	7,966	7,499
16	27	98 900	41 991,025	744 045,389	17,719	17,252	66	77	65 717	1 918,735	14 644,614	7,632	7,165
17	28	98 857	39 784,471	702 054,364	17,646	17,179	67	78	63 066	1 745,347	12 725,880	7,291	6,824
18	29	98 807	37 691,372	662 269,893	17,571	17,104	68	79	60 241	1 580,249	10 980,533	6,949	6,481
19	30	98 744	35 703,815	624 578,521	17,493	17,026	69	80	57 239	1 423,210	9 400,284	6,605	6,138
20	31	98 676	33 819,257	588 874,706	17,412	16,945	70	81	54 056	1 274,008	7 977,074	6,261	5,794
21	32	98 604	32 032,622	555 055,449	17,328	16,861	71	82	50 704	1 132,700	6 703,066	5,918	5,451
22	33	98 531	30 340,199	523 022,827	17,239	16,771	72	83	47 115	997,669	5 570,366	5,583	5,116
23	34	98 455	28 736,359	492 682,628	17,145	16,678	73	84	43 345	869,978	4 572,697	5,256	4,789
24	35	98 376	27 216,414	463 946,269	17,047	16,579	74	85	39 410	749,765	3 702,718	4,939	4,471
25	36	98 285	25 773,692	436 729,855	16,945	16,478	75	86	35 367	637,777	2 952,953	4,630	4,163
26	37	98 195	24 407,605	410 956,163	16,837	16,370	76	87	31 244	534,042	2 315,175	4,335	3,868
27	38	98 102	23 113,299	386 548,558	16,724	16,257	77	88	27 094	438,961	1 781,134	4,058	3,590
28	39	98 004	21 886,353	363 435,259	16,606	16,138	78	89	23 056	354,080	1 342,172	3,791	3,323
29	40	97 895	20 722,271	341 548,906	16,482	16,015	79	90	19 188	279,315	988,092	3,538	3,070
30	41	97 784	19 619,844	320 826,635	16,352	15,885	80	91	15 556	214,633	708,777	3,302	2,835
31	42	97 661	18 573,564	301 206,791	16,217	15,750	81	92	12 251	160,220	494,145	3,084	2,617
32	43	97 526	17 580,978	282 633,227	16,076	15,609	82	93	9 330	115,654	333,925	2,887	2,420
33	44	97 379	16 639,337	265 052,249	15,929	15,462	83	94	6 864	80,648	218,271	2,706	2,239
34	45	97 219	15 745,918	248 412,913	15,776	15,309	84	95	4 871	54,250	137,623	2,537	2,070
35	46	97 046	14 898,509	232 666,994	15,617	15,150	85	96	3 307	34,912	83,373	2,388	1,921
36	47	96 858	14 094,438	217 768,485	15,451	14,983	86	97	2 140	21,419	48,460	2,263	1,795
37	48	96 647	13 330,515	203 674,048	15,279	14,812	87	98	1 336	12,676	27,042	2,133	1,666
38	49	96 404	12 603,804	190 343,533	15,102	14,635	88	99	793	7,127	14,365	2,016	1,549
39	50	96 144	11 914,496	177 739,729	14,918	14,451	89	100	444	3,785	7,239	1,912	1,445
40	51	95 856	11 259,522	165 825,233	14,728	14,260							
41	52	95 538	10 637,191	154 565,711	14,531	14,064							
42	53	95 189	10 045,824	143 928,520	14,327	13,860							
43	54	94 819	9 485,070	133 882,697	14,115	13,648							
44	55	94 407	8 951,527	124 397,627	13,897	13,430							
45	56	93 950	8 443,786	115 446,100	13,672	13,205							
46	57	93 457	7 961,533	107 002,313	13,440	12,973							
47	58	92 913	7 502,623	99 040,780	13,201	12,734							
48	59	92 310	7 065,298	91 538,157	12,956	12,489							
49	60	91 641	6 648,434	84 472,859	12,706	12,238							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	1 836 428,960	18,436	17,969	50	62	90 396	6 216,193	76 308,646	12,276	11,809
1	13	99 268	94 093,268	1 736 817,005	18,458	17,991	51	63	89 554	5 837,237	70 092,453	12,008	11,541
2	14	99 237	89 159,330	1 642 723,736	18,425	17,957	52	64	88 630	5 475,860	64 255,215	11,734	11,267
3	15	99 214	84 492,176	1 553 564,406	18,387	17,920	53	65	87 622	5 131,347	58 779,355	11,455	10,988
4	16	99 191	80 068,607	1 469 072,230	18,348	17,880	54	66	86 527	4 803,080	53 648,008	11,170	10,702
5	17	99 167	75 876,053	1 389 003,624	18,306	17,839	55	67	85 340	4 490,209	48 844,928	10,878	10,411
6	18	99 145	71 904,569	1 313 127,571	18,262	17,795	56	68	84 060	4 192,317	44 354,719	10,580	10,113
7	19	99 120	68 138,791	1 241 223,001	18,216	17,749	57	69	82 676	3 908,300	40 162,401	10,276	9,809
8	20	99 094	64 569,640	1 173 084,210	18,168	17,701	58	70	81 143	3 635,889	36 254,101	9,971	9,504
9	21	99 070	61 188,772	1 108 514,571	18,116	17,649	59	71	79 506	3 376,797	32 618,213	9,660	9,192
10	22	99 046	57 984,333	1 047 325,799	18,062	17,595	60	72	77 726	3 129,110	29 241,415	9,345	8,878
11	23	99 022	54 948,140	989 341,465	18,005	17,538	61	73	75 833	2 893,731	26 112,306	9,024	8,557
12	24	98 999	52 071,427	934 393,326	17,944	17,477	62	74	73 774	2 668,400	23 218,574	8,701	8,234
13	25	98 974	49 344,327	882 321,898	17,881	17,414	63	75	71 581	2 454,089	20 550,174	8,374	7,907
14	26	98 945	46 758,435	832 977,572	17,814	17,347	64	76	69 232	2 249,820	18 096,085	8,043	7,576
15	27	98 915	44 307,417	786 219,137	17,745	17,277	65	77	66 742	2 055,826	15 846,265	7,708	7,241
16	28	98 879	41 982,427	741 911,720	17,672	17,205	66	78	64 144	1 872,803	13 790,439	7,364	6,896
17	29	98 833	39 775,003	699 929,503	17,597	17,130	67	79	61 350	1 697,860	11 917,636	7,019	6,552
18	30	98 782	37 682,071	660 154,500	17,519	17,052	68	80	58 385	1 531,564	10 219,775	6,673	6,206
19	31	98 716	35 693,719	622 472,429	17,439	16,972	69	81	55 220	1 373,025	8 688,211	6,328	5,861
20	32	98 645	33 808,367	586 778,710	17,356	16,889	70	82	51 871	1 222,519	7 315,185	5,984	5,517
21	33	98 571	32 021,862	552 970,344	17,269	16,801	71	83	48 320	1 079,460	6 092,667	5,644	5,177
22	34	98 496	30 329,573	520 948,482	17,176	16,709	72	84	44 515	942,602	5 013,207	5,318	4,851
23	35	98 418	28 725,387	490 618,908	17,080	16,612	73	85	40 580	814,484	4 070,605	4,998	4,531
24	36	98 330	27 203,706	461 893,521	16,979	16,512	74	86	36 506	694,512	3 256,120	4,688	4,221
25	37	98 238	25 761,401	434 689,815	16,874	16,407	75	87	32 351	583,389	2 561,608	4,391	3,924
26	38	98 145	24 395,281	408 928,414	16,763	16,295	76	88	28 148	481,121	1 978,219	4,112	3,645
27	39	98 048	23 100,492	384 533,133	16,646	16,179	77	89	24 024	389,225	1 497,098	3,846	3,379
28	40	97 940	21 872,113	361 432,641	16,525	16,058	78	90	20 087	308,472	1 107,873	3,591	3,124
29	41	97 833	20 709,152	339 560,528	16,397	15,929	79	91	16 365	238,223	799,401	3,356	2,888
30	42	97 713	19 605,463	318 851,377	16,263	15,796	80	92	12 975	179,019	561,178	3,135	2,668
31	43	97 582	18 558,578	299 245,913	16,124	15,657	81	93	9 948	130,107	382,159	2,937	2,470
32	44	97 439	17 565,231	280 687,336	15,980	15,513	82	94	7 375	91,429	252,051	2,757	2,290
33	45	97 287	16 623,598	263 122,105	15,828	15,361	83	95	5 289	62,143	160,622	2,585	2,118
34	46	97 115	15 728,981	246 498,506	15,672	15,204	84	96	3 632	40,457	98,479	2,434	1,967
35	47	96 931	14 880,867	230 769,526	15,508	15,041	85	97	2 383	25,161	58,023	2,306	1,839
36	48	96 732	14 076,124	215 888,659	15,337	14,870	86	98	1 510	15,106	32,862	2,175	1,708
37	49	96 500	13 310,291	201 812,535	15,162	14,695	87	99	910	8,632	17,756	2,057	1,590
38	50	96 242	12 582,578	188 502,245	14,981	14,514	88	100	521	4,680	9,124	1,949	1,482
39	51	95 967	11 892,527	175 919,666	14,792	14,325							
40	52	95 657	11 236,142	164 027,139	14,598	14,131							
41	53	95 328	10 613,742	152 790,997	14,396	13,928							
42	54	94 954	10 020,924	142 177,256	14,188	13,721							
43	55	94 558	9 458,945	132 156,332	13,972	13,504							
44	56	94 113	8 923,667	122 697,386	13,750	13,282							
45	57	93 633	8 415,233	113 773,720	13,520	13,053							
46	58	93 106	7 931,628	105 358,487	13,283	12,816							
47	59	92 526	7 471,310	97 426,859	13,040	12,573							
48	60	91 882	7 032,554	89 955,549	12,791	12,324							
49	61	91 171	6 614,349	82 922,995	12,537	12,070							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	1 833 998,655	18,413	17,945	50	63	89 842	6 178,138	74 708,748	12,092	11,625
1	14	99 261	94 085,831	1 734 392,995	18,434	17,967	51	64	88 948	5 797,777	68 530,610	11,820	11,353
2	15	99 227	89 151,105	1 640 307,163	18,399	17,932	52	65	87 973	5 435,291	62 732,833	11,542	11,075
3	16	99 203	84 482,394	1 551 156,058	18,361	17,894	53	66	86 920	5 090,226	57 297,542	11,256	10,789
4	17	99 178	80 058,371	1 466 673,664	18,320	17,853	54	67	85 769	4 761,016	52 207,316	10,966	10,498
5	18	99 154	75 866,215	1 386 615,293	18,277	17,810	55	68	84 541	4 448,190	47 446,300	10,666	10,199
6	19	99 129	71 892,898	1 310 749,078	18,232	17,765	56	69	83 203	4 149,539	42 998,110	10,362	9,895
7	20	99 104	68 127,591	1 238 856,180	18,184	17,717	57	70	81 721	3 863,174	38 848,571	10,056	9,589
8	21	99 078	64 558,071	1 170 728,589	18,134	17,667	58	71	80 125	3 590,252	34 985,398	9,745	9,277
9	22	99 054	61 178,382	1 106 169,518	18,081	17,614	59	72	78 408	3 330,149	31 395,146	9,428	8,960
10	23	99 029	57 974,605	1 044 991,136	18,025	17,558	60	73	76 565	3 082,336	28 064,997	9,105	8,638
11	24	99 005	54 939,153	987 016,531	17,966	17,498	61	74	74 564	2 845,302	24 982,661	8,780	8,313
12	25	98 982	52 062,873	932 077,379	17,903	17,436	62	75	72 432	2 619,856	22 137,359	8,450	7,983
13	26	98 954	49 334,733	880 014,505	17,838	17,370	63	76	70 140	2 404,713	19 517,503	8,116	7,649
14	27	98 927	46 750,101	830 679,772	17,769	17,301	64	77	67 698	2 199,990	17 112,790	7,779	7,311
15	28	98 895	44 298,124	783 929,671	17,697	17,229	65	78	65 144	2 006,613	14 912,801	7,432	6,965
16	29	98 856	41 972,226	739 631,547	17,622	17,155	66	79	62 399	1 821,849	12 906,188	7,084	6,617
17	30	98 809	39 765,188	697 659,322	17,544	17,077	67	80	59 460	1 645,552	11 084,339	6,736	6,269
18	31	98 754	37 671,415	657 894,134	17,464	16,997	68	81	56 326	1 477,559	9 438,787	6,388	5,921
19	32	98 684	35 682,225	620 222,719	17,382	16,915	69	82	52 989	1 317,534	7 961,228	6,043	5,575
20	33	98 611	33 797,010	584 540,494	17,296	16,828	70	83	49 433	1 165,057	6 643,694	5,702	5,235
21	34	98 536	32 010,647	550 743,484	17,205	16,738	71	84	45 653	1 019,879	5 478,636	5,372	4,905
22	35	98 459	30 317,994	518 732,837	17,110	16,643	72	85	41 675	882,475	4 458,758	5,053	4,585
23	36	98 372	28 711,974	488 414,843	17,011	16,544	73	86	37 590	754,462	3 576,282	4,740	4,273
24	37	98 283	27 190,734	459 702,868	16,907	16,439	74	87	33 393	635,285	2 821,821	4,442	3,975
25	38	98 189	25 748,394	432 512,135	16,798	16,330	75	88	29 145	525,578	2 186,535	4,160	3,693
26	39	98 091	24 381,763	406 763,741	16,683	16,216	76	89	24 958	426,608	1 660,957	3,893	3,426
27	40	97 984	23 085,462	382 381,978	16,564	16,097	77	90	20 929	339,091	1 234,349	3,640	3,173
28	41	97 878	21 858,265	359 296,517	16,438	15,970	78	91	17 132	263,091	895,259	3,403	2,936
29	42	97 761	20 693,973	337 438,252	16,306	15,839	79	92	13 650	198,695	632,168	3,182	2,714
30	43	97 634	19 589,645	316 744,279	16,169	15,702	80	93	10 536	145,373	433,473	2,982	2,515
31	44	97 495	18 541,955	297 154,634	16,026	15,559	81	94	7 865	102,855	288,100	2,801	2,334
32	45	97 347	17 548,617	278 612,679	15,877	15,409	82	95	5 683	70,450	185,244	2,629	2,162
33	46	97 183	16 605,717	261 064,062	15,721	15,254	83	96	3 944	46,343	114,794	2,477	2,010
34	47	97 000	15 710,355	244 458,345	15,560	15,093	84	97	2 618	29,157	68,452	2,348	1,881
35	48	96 805	14 861,531	228 747,990	15,392	14,925	85	98	1 681	17,745	39,295	2,214	1,747
36	49	96 586	14 054,769	213 886,460	15,218	14,751	86	99	1 028	10,287	21,550	2,095	1,628
37	50	96 338	13 287,875	199 831,691	15,039	14,571	87	100	598	5,669	11,263	1,987	1,520
38	51	96 064	12 559,377	186 543,816	14,853	14,386							
39	52	95 767	11 867,832	173 984,438	14,660	14,193							
40	53	95 446	11 211,372	162 116,606	14,460	13,993							
41	54	95 091	10 587,435	150 905,234	14,253	13,786							
42	55	94 692	9 993,324	140 317,799	14,041	13,574							
43	56	94 264	9 429,505	130 324,475	13,821	13,354							
44	57	93 795	8 893,490	120 894,970	13,594	13,126							
45	58	93 281	8 383,623	112 001,479	13,360	12,892							
46	59	92 717	7 898,524	103 617,856	13,119	12,651							
47	60	92 097	7 436,684	95 719,332	12,871	12,404							
48	61	91 411	6 996,500	88 282,648	12,618	12,151							
49	62	90 662	6 577,400	81 286,148	12,358	11,891							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	1 831 403,007	18,388	17,921	50	64	89 235	6 136,373	73 023,666	11,900	11,433
1	15	99 251	94 077,152	1 731 805,219	18,408	17,941	51	65	88 289	5 754,822	66 887,293	11,623	11,156
2	16	99 216	89 140,784	1 637 728,067	18,372	17,905	52	66	87 268	5 391,734	61 132,471	11,338	10,871
3	17	99 190	84 471,594	1 548 587,284	18,333	17,865	53	67	86 158	5 045,647	55 740,737	11,047	10,580
4	18	99 165	80 047,991	1 464 115,690	18,290	17,823	54	68	84 967	4 716,462	50 695,090	10,749	10,281
5	19	99 138	75 853,901	1 384 067,699	18,246	17,779	55	69	83 679	4 402,801	45 978,627	10,443	9,976
6	20	99 113	71 881,081	1 308 213,798	18,200	17,733	56	70	82 242	4 101,627	41 575,826	10,136	9,669
7	21	99 088	68 116,440	1 236 332,717	18,150	17,683	57	71	80 695	3 814,684	37 474,199	9,824	9,356
8	22	99 061	64 548,109	1 168 216,277	18,098	17,631	58	72	79 018	3 540,654	33 659,515	9,507	9,039
9	23	99 037	61 168,118	1 103 668,168	18,043	17,576	59	73	77 236	3 280,370	30 118,861	9,182	8,714
10	24	99 013	57 965,123	1 042 500,050	17,985	17,518	60	74	75 283	3 030,750	26 838,491	8,855	8,388
11	25	98 989	54 930,128	984 534,928	17,923	17,456	61	75	73 207	2 793,540	23 807,741	8,522	8,055
12	26	98 963	52 052,752	929 604,800	17,859	17,392	62	76	70 975	2 567,145	21 014,201	8,186	7,719
13	27	98 937	49 325,940	877 552,048	17,791	17,324	63	77	68 587	2 351,451	18 447,057	7,845	7,378
14	28	98 907	46 740,295	828 226,108	17,720	17,253	64	78	66 078	2 147,325	16 095,605	7,496	7,028
15	29	98 871	44 287,581	781 485,813	17,646	17,179	65	79	63 371	1 952,018	13 948,280	7,146	6,678
16	30	98 831	41 961,868	737 198,232	17,568	17,101	66	80	60 476	1 765,721	11 996,262	6,794	6,327
17	31	98 781	39 753,943	695 236,364	17,488	17,021	67	81	57 364	1 587,527	10 230,542	6,444	5,977
18	32	98 723	37 659,285	655 482,421	17,406	16,938	68	82	54 050	1 417,843	8 643,014	6,096	5,629
19	33	98 651	35 670,239	617 823,137	17,320	16,853	69	83	50 498	1 255,607	7 225,171	5,754	5,287
20	34	98 577	33 785,173	582 152,897	17,231	16,764	70	84	46 705	1 100,751	5 969,564	5,423	4,956
21	35	98 499	31 998,425	548 367,724	17,137	16,670	71	85	42 741	954,823	4 868,813	5,099	4,632
22	36	98 413	30 303,837	516 369,298	17,040	16,573	72	86	38 604	817,442	3 913,990	4,788	4,321
23	37	98 325	28 698,283	486 065,461	16,937	16,470	73	87	34 384	690,122	3 096,548	4,487	4,020
24	38	98 234	27 177,004	457 367,178	16,829	16,362	74	88	30 084	572,332	2 406,426	4,205	3,737
25	39	98 134	25 734,126	430 190,174	16,717	16,250	75	89	25 843	466,028	1 834,094	3,936	3,468
26	40	98 027	24 365,899	404 456,048	16,599	16,132	76	90	21 744	371,658	1 368,066	3,681	3,214
27	41	97 922	23 070,846	380 090,149	16,475	16,008	77	91	17 850	289,205	996,408	3,445	2,978
28	42	97 806	21 842,244	357 019,303	16,345	15,878	78	92	14 289	219,437	707,203	3,223	2,756
29	43	97 682	20 677,276	335 177,059	16,210	15,743	79	93	11 085	161,351	487,766	3,023	2,556
30	44	97 546	19 572,098	314 499,783	16,069	15,602	80	94	8 329	114,923	326,415	2,840	2,373
31	45	97 403	18 524,417	294 927,684	15,921	15,454	81	95	6 060	79,255	211,492	2,669	2,201
32	46	97 242	17 529,740	276 403,267	15,768	15,300	82	96	4 238	52,538	132,237	2,517	2,050
33	47	97 068	16 586,053	258 873,527	15,608	15,141	83	97	2 842	33,399	79,699	2,386	1,919
34	48	96 873	15 689,941	242 287,474	15,442	14,975	84	98	1 846	20,563	46,301	2,252	1,784
35	49	96 659	14 838,984	226 597,533	15,270	14,803	85	99	1 145	12,084	25,738	2,130	1,663
36	50	96 423	14 031,100	211 758,549	15,092	14,625	86	100	675	6,756	13,654	2,021	1,554
37	51	96 160	13 263,374	197 727,449	14,908	14,441							
38	52	95 865	12 533,298	184 464,076	14,718	14,251							
39	53	95 556	11 841,671	171 930,778	14,519	14,052							
40	54	95 209	11 183,584	160 089,107	14,315	13,847							
41	55	94 830	10 558,274	148 905,523	14,103	13,636							
42	56	94 397	9 962,221	138 347,249	13,887	13,420							
43	57	93 945	9 397,619	128 385,028	13,661	13,194							
44	58	93 443	8 860,084	118 987,410	13,430	12,962							
45	59	92 892	8 348,633	110 127,326	13,191	12,724							
46	60	92 287	7 861,919	101 778,692	12,946	12,479							
47	61	91 625	7 398,558	93 916,774	12,694	12,227							
48	62	90 900	6 957,416	86 518,216	12,435	11,968							
49	63	90 107	6 537,134	79 560,800	12,171	11,703							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	1 828 634,814	18,362	17,895	50	65	88 574	6 090,910	71 252,956	11,698	11,231
1	16	99 240	94 066,260	1 729 046,214	18,381	17,914	51	66	87 582	5 708,705	65 162,046	11,415	10,947
2	17	99 203	89 129,388	1 634 979,954	18,344	17,877	52	67	86 504	5 344,514	59 453,342	11,124	10,657
3	18	99 177	84 460,642	1 545 850,566	18,303	17,835	53	68	85 352	4 998,431	54 108,827	10,825	10,358
4	19	99 149	80 034,997	1 461 389,923	18,259	17,792	54	69	84 100	4 668,336	49 110,397	10,520	10,053
5	20	99 122	75 841,433	1 381 354,926	18,214	17,747	55	70	82 712	4 351,965	44 442,061	10,212	9,745
6	21	99 096	71 869,315	1 305 513,493	18,165	17,698	56	71	81 210	4 050,144	40 090,096	9,898	9,431
7	22	99 071	68 104,874	1 233 644,178	18,114	17,647	57	72	79 581	3 761,986	36 039,952	9,580	9,113
8	23	99 044	64 537,279	1 165 539,304	18,060	17,593	58	73	77 837	3 487,729	32 277,965	9,255	8,788
9	24	99 021	61 158,113	1 101 002,025	18,003	17,535	59	74	75 943	3 225,469	28 790,236	8,926	8,459
10	25	98 997	57 955,601	1 039 843,911	17,942	17,475	60	75	73 914	2 975,614	25 564,767	8,591	8,124
11	26	98 970	54 919,449	981 888,311	17,879	17,412	61	76	71 734	2 737,334	22 589,153	8,252	7,785
12	27	98 945	52 043,474	926 968,862	17,811	17,344	62	77	69 403	2 510,285	19 851,819	7,908	7,441
13	28	98 916	49 315,594	874 925,388	17,741	17,274	63	78	66 945	2 295,161	17 341,534	7,556	7,089
14	29	98 883	46 729,171	825 609,794	17,668	17,201	64	79	64 280	2 088,902	15 046,372	7,203	6,736
15	30	98 847	44 276,653	778 880,623	17,591	17,124	65	80	61 419	1 891,879	12 957,470	6,849	6,382
16	31	98 803	41 950,002	734 603,971	17,511	17,044	66	81	58 344	1 703,459	11 065,591	6,496	6,029
17	32	98 749	39 741,142	692 653,968	17,429	16,962	67	82	55 045	1 523,367	9 362,132	6,146	5,678
18	33	98 689	37 646,635	652 912,827	17,343	16,876	68	83	51 509	1 351,201	7 838,765	5,801	5,334
19	34	98 617	35 657,747	615 266,192	17,255	16,788	69	84	47 711	1 186,303	6 487,564	5,469	5,002
20	35	98 539	33 772,275	579 608,445	17,162	16,695	70	85	43 726	1 030,536	5 301,261	5,144	4,677
21	36	98 453	31 983,484	545 836,171	17,066	16,599	71	86	39 591	884,458	4 270,725	4,829	4,361
22	37	98 366	30 289,387	513 852,687	16,965	16,498	72	87	35 312	747,732	3 386,267	4,529	4,062
23	38	98 275	28 683,792	483 563,300	16,858	16,391	73	88	30 977	621,735	2 638,535	4,244	3,777
24	39	98 179	27 161,945	454 879,508	16,747	16,280	74	89	26 675	507,484	2 016,800	3,974	3,507
25	40	98 070	25 717,382	427 717,563	16,631	16,164	75	90	22 514	406,000	1 509,315	3,718	3,250
26	41	97 965	24 350,472	402 000,180	16,509	16,042	76	91	18 545	316,981	1 103,315	3,481	3,014
27	42	97 850	23 053,936	377 649,708	16,381	15,914	77	92	14 888	241,217	786,334	3,260	2,793
28	43	97 727	21 824,621	354 595,772	16,248	15,780	78	93	11 603	178,194	545,117	3,059	2,592
29	44	97 595	20 658,756	332 771,151	16,108	15,641	79	94	8 763	127,555	366,922	2,877	2,409
30	45	97 454	19 553,586	312 112,396	15,962	15,495	80	95	6 418	88,554	239,367	2,703	2,236
31	46	97 298	18 504,491	292 558,810	15,810	15,343	81	96	4 519	59,104	150,814	2,552	2,084
32	47	97 127	17 508,982	274 054,319	15,652	15,185	82	97	3 054	37,863	91,710	2,422	1,955
33	48	96 941	16 564,501	256 545,337	15,488	15,020	83	98	2 005	23,555	53,847	2,286	1,819
34	49	96 727	15 666,138	239 980,835	15,318	14,851	84	99	1 257	14,003	30,292	2,163	1,696
35	50	96 496	14 813,994	224 314,698	15,142	14,675	85	100	752	7,936	16,289	2,053	1,585
36	51	96 245	14 005,228	209 500,703	14,959	14,492							
37	52	95 960	13 235,832	195 495,476	14,770	14,303							
38	53	95 653	12 505,669	182 259,643	14,574	14,107							
39	54	95 319	11 812,320	169 753,974	14,371	13,904							
40	55	94 947	11 152,782	157 941,654	14,162	13,694							
41	56	94 534	10 525,413	146 788,873	13,946	13,479							
42	57	94 078	9 928,533	136 263,460	13,724	13,257							
43	58	93 592	9 362,319	126 334,927	13,494	13,027							
44	59	93 053	8 823,106	116 972,609	13,258	12,790							
45	60	92 461	8 309,942	108 149,503	13,014	12,547							
46	61	91 814	7 821,612	99 839,561	12,765	12,297							
47	62	91 113	7 357,228	92 017,949	12,507	12,040							
48	63	90 344	6 914,823	84 660,721	12,243	11,776							
49	64	89 498	6 492,942	77 745,897	11,974	11,507							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0	16	99 577	99 577,070	1 825 686,253	18,334	17,867	50	66	87 864	6 042,099	69 396,200	11,485	11,018
1	17	99 227	94 054,235	1 726 109,182	18,352	17,885	51	67	86 815	5 658,709	63 354,101	11,196	10,729
2	18	99 190	89 117,832	1 632 054,947	18,313	17,846	52	68	85 694	5 294,501	57 695,391	10,897	10,430
3	19	99 161	84 446,933	1 542 937,115	18,271	17,804	53	69	84 481	4 947,427	52 400,891	10,592	10,124
4	20	99 133	80 021,842	1 458 490,183	18,226	17,759	54	70	83 129	4 614,434	47 453,464	10,284	9,817
5	21	99 105	75 829,019	1 378 468,341	18,179	17,711	55	71	81 674	4 297,340	42 839,030	9,969	9,502
6	22	99 080	71 857,112	1 302 639,321	18,128	17,661	56	72	80 088	3 994,194	38 541,690	9,649	9,182
7	23	99 054	68 093,447	1 230 782,209	18,075	17,608	57	73	78 391	3 705,752	34 547,496	9,323	8,855
8	24	99 028	64 526,724	1 162 688,762	18,019	17,552	58	74	76 534	3 429,358	30 841,744	8,993	8,526
9	25	99 004	61 148,067	1 098 162,038	17,959	17,492	59	75	74 561	3 166,791	27 412,386	8,656	8,189
10	26	98 977	57 944,333	1 037 013,971	17,897	17,430	60	76	72 426	2 915,745	24 245,594	8,315	7,848
11	27	98 952	54 909,660	979 069,638	17,831	17,363	61	77	70 146	2 676,705	21 329,849	7,969	7,502
12	28	98 925	52 032,558	924 159,978	17,761	17,294	62	78	67 741	2 450,193	18 653,144	7,613	7,146
13	29	98 892	49 303,857	872 127,421	17,689	17,222	63	79	65 124	2 232,716	16 202,951	7,257	6,790
14	30	98 859	46 717,640	822 823,563	17,613	17,146	64	80	62 300	2 024,546	13 970,236	6,900	6,433
15	31	98 819	44 264,132	776 105,923	17,534	17,066	65	81	59 253	1 825,169	11 945,690	6,545	6,078
16	32	98 771	41 936,494	731 841,791	17,451	16,984	66	82	55 986	1 634,613	10 120,521	6,191	5,724
17	33	98 716	39 727,792	689 905,297	17,366	16,899	67	83	52 458	1 451,765	8 485,908	5,845	5,378
18	34	98 655	37 633,450	650 177,505	17,277	16,809	68	84	48 666	1 276,620	7 034,142	5,510	5,043
19	35	98 579	35 644,133	612 544,055	17,185	16,718	69	85	44 667	1 110,631	5 757,522	5,184	4,717
20	36	98 493	33 756,505	576 899,922	17,090	16,623	70	86	40 503	954,592	4 646,891	4,868	4,401
21	37	98 406	31 968,233	543 143,417	16,990	16,523	71	87	36 215	809,033	3 692,299	4,564	4,097
22	38	98 316	30 274,093	511 175,185	16,885	16,418	72	88	31 813	673,636	2 883,266	4,280	3,813
23	39	98 221	28 667,898	480 901,092	16,775	16,308	73	89	27 467	551,290	2 209,630	4,008	3,541
24	40	98 115	27 144,272	452 233,194	16,660	16,193	74	90	23 239	442,117	1 658,340	3,751	3,284
25	41	98 008	25 701,100	425 088,922	16,540	16,073	75	91	19 202	346,271	1 216,223	3,512	3,045
26	42	97 893	24 332,625	399 387,822	16,414	15,946	76	92	15 468	264,385	869,952	3,290	2,823
27	43	97 771	23 035,335	375 055,197	16,282	15,815	77	93	12 090	195,882	605,567	3,091	2,624
28	44	97 640	21 805,072	352 019,862	16,144	15,677	78	94	9 173	140,870	409,686	2,908	2,441
29	45	97 502	20 639,215	330 214,789	15,999	15,532	79	95	6 752	98,286	268,816	2,735	2,268
30	46	97 349	19 532,553	309 575,574	15,849	15,382	80	96	4 786	66,038	170,529	2,582	2,115
31	47	97 183	18 482,578	290 043,021	15,693	15,226	81	97	3 257	42,595	104,491	2,453	1,986
32	48	97 001	17 486,231	271 560,443	15,530	15,063	82	98	2 154	26,704	61,895	2,318	1,851
33	49	96 794	16 539,371	254 074,211	15,362	14,895	83	99	1 365	16,040	35,192	2,194	1,727
34	50	96 564	15 639,755	237 534,840	15,188	14,721	84	100	826	9,196	19,152	2,083	1,615
35	51	96 318	14 786,679	221 895,085	15,006	14,539							
36	52	96 045	13 976,146	207 108,406	14,819	14,352							
37	53	95 749	13 206,655	193 132,261	14,624	14,157							
38	54	95 416	12 474,673	179 925,606	14,423	13,956							
39	55	95 057	11 779,786	167 450,933	14,215	13,748							
40	56	94 652	11 118,070	155 671,147	14,002	13,534							
41	57	94 215	10 489,820	144 553,077	13,780	13,313							
42	58	93 725	9 891,238	134 063,257	13,554	13,087							
43	59	93 201	9 323,244	124 172,019	13,319	12,851							
44	60	92 622	8 782,215	114 848,775	13,077	12,610							
45	61	91 987	8 267,338	106 066,560	12,830	12,362							
46	62	91 301	7 777,919	97 799,221	12,574	12,107							
47	63	90 555	7 312,188	90 021,302	12,311	11,844							
48	64	89 733	6 868,078	82 709,114	12,043	11,575							
49	65	88 835	6 444,837	75 841,036	11,768	11,301							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	1 822 550,206	18,305	17,838	50	67	87 094	5 989,184	67 452,641	11,262	10,795
1	18	99 214	94 042,041	1 722 985,865	18,321	17,854	51	68	86 002	5 605,755	61 463,457	10,964	10,497
2	19	99 174	89 103,366	1 628 943,825	18,282	17,814	52	69	84 820	5 240,476	55 857,702	10,659	10,192
3	20	99 145	84 433,052	1 539 840,458	18,237	17,770	53	70	83 506	4 890,302	50 617,226	10,351	9,883
4	21	99 117	80 008,744	1 455 407,406	18,191	17,723	54	71	82 085	4 556,515	45 726,924	10,036	9,568
5	22	99 089	75 816,144	1 375 398,662	18,141	17,674	55	72	80 546	4 237,975	41 170,409	9,715	9,247
6	23	99 063	71 845,056	1 299 582,518	18,089	17,621	56	73	78 891	3 934,489	36 932,434	9,387	8,920
7	24	99 038	68 082,310	1 227 737,462	18,033	17,566	57	74	77 079	3 643,733	32 997,946	9,056	8,589
8	25	99 012	64 516,124	1 159 655,152	17,975	17,507	58	75	75 142	3 366,971	29 354,213	8,718	8,251
9	26	98 985	61 136,179	1 095 139,028	17,913	17,446	59	76	73 061	3 103,076	25 987,242	8,375	7,907
10	27	98 960	57 934,005	1 034 002,850	17,848	17,381	60	77	70 822	2 851,165	22 884,166	8,026	7,559
11	28	98 932	54 898,143	976 068,844	17,780	17,312	61	78	68 466	2 612,629	20 033,002	7,668	7,201
12	29	98 901	52 020,175	921 170,702	17,708	17,241	62	79	65 898	2 383,529	17 420,373	7,309	6,841
13	30	98 868	49 291,691	869 150,527	17,633	17,166	63	80	63 117	2 163,929	15 036,843	6,949	6,482
14	31	98 831	46 704,429	819 858,836	17,554	17,087	64	81	60 103	1 953,158	12 872,914	6,591	6,124
15	32	98 787	44 249,879	773 154,407	17,472	17,005	65	82	56 859	1 751,404	10 919,757	6,235	5,768
16	33	98 738	41 922,407	728 904,528	17,387	16,920	66	83	53 354	1 557,782	9 168,352	5,886	5,418
17	34	98 681	39 713,879	686 982,121	17,298	16,831	67	84	49 562	1 371,634	7 610,570	5,549	5,081
18	35	98 617	37 619,081	647 268,243	17,206	16,739	68	85	45 562	1 195,187	6 238,936	5,220	4,753
19	36	98 533	35 627,489	609 649,161	17,112	16,645	69	86	41 376	1 028,784	5 043,749	4,903	4,435
20	37	98 446	33 740,408	574 021,672	17,013	16,546	70	87	37 049	873,186	4 014,965	4,598	4,131
21	38	98 356	31 952,091	540 281,264	16,909	16,442	71	88	32 626	728,862	3 141,779	4,311	3,843
22	39	98 262	30 257,317	508 329,173	16,800	16,333	72	89	28 208	597,310	2 412,917	4,040	3,572
23	40	98 157	28 649,246	478 071,856	16,687	16,220	73	90	23 929	480,280	1 815,606	3,780	3,313
24	41	98 053	27 127,087	449 422,610	16,567	16,100	74	91	19 820	377,074	1 335,326	3,541	3,074
25	42	97 937	25 682,263	422 295,523	16,443	15,976	75	92	16 016	288,815	958,252	3,318	2,851
26	43	97 814	24 312,992	396 613,261	16,313	15,846	76	93	12 561	214,695	669,437	3,118	2,651
27	44	97 684	23 014,702	372 300,269	16,177	15,709	77	94	9 558	154,853	454,742	2,937	2,469
28	45	97 547	21 784,448	349 285,567	16,034	15,567	78	95	7 068	108,546	299,890	2,763	2,296
29	46	97 397	20 617,015	327 501,118	15,885	15,418	79	96	5 035	73,297	191,343	2,611	2,143
30	47	97 234	19 509,423	306 884,104	15,730	15,263	80	97	3 449	47,593	118,046	2,480	2,013
31	48	97 056	18 458,562	287 374,681	15,569	15,101	81	98	2 297	30,041	70,453	2,345	1,878
32	49	96 854	17 459,703	268 916,118	15,402	14,935	82	99	1 467	18,184	40,413	2,222	1,755
33	50	96 631	16 511,518	251 456,416	15,229	14,762	83	100	897	10,534	22,228	2,110	1,643
34	51	96 386	15 610,917	234 944,898	15,050	14,583							
35	52	96 118	14 755,974	219 333,981	14,864	14,397							
36	53	95 834	13 945,336	204 578,007	14,670	14,203							
37	54	95 512	13 173,921	190 632,670	14,470	14,003							
38	55	95 154	12 440,314	177 458,749	14,265	13,798							
39	56	94 761	11 743,123	165 018,435	14,052	13,585							
40	57	94 331	11 080,473	153 275,313	13,833	13,366							
41	58	93 861	10 450,417	142 194,840	13,607	13,139							
42	59	93 334	9 849,956	131 744,422	13,375	12,908							
43	60	92 770	9 280,036	121 894,466	13,135	12,668							
44	61	92 147	8 737,191	112 614,430	12,889	12,422							
45	62	91 473	8 221,155	103 877,239	12,635	12,168							
46	63	90 742	7 730,304	95 656,084	12,374	11,907							
47	64	89 943	7 262,756	87 925,780	12,106	11,639							
48	65	89 068	6 817,194	80 663,024	11,832	11,365							
49	66	88 123	6 393,190	73 845,830	11,551	11,084							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	1 819 218,008	18,274	17,807	50	68	86 279	5 933,137	65 422,335	11,027	10,559
1	19	99 198	94 026,776	1 719 666,577	18,289	17,822	51	69	85 125	5 548,554	59 489,198	10,722	10,254
2	20	99 158	89 088,721	1 625 639,801	18,247	17,780	52	70	83 841	5 179,968	53 940,644	10,413	9,946
3	21	99 129	84 419,232	1 536 551,080	18,201	17,734	53	71	82 458	4 828,920	48 760,676	10,098	9,630
4	22	99 100	79 995,159	1 452 131,848	18,153	17,686	54	72	80 951	4 493,569	43 931,756	9,777	9,309
5	23	99 072	75 803,423	1 372 136,690	18,101	17,634	55	73	79 342	4 174,626	39 438,187	9,447	8,980
6	24	99 047	71 833,305	1 296 333,266	18,046	17,579	56	74	77 570	3 868,641	35 263,561	9,115	8,648
7	25	99 022	68 071,126	1 224 499,961	17,989	17,521	57	75	75 677	3 577,445	31 394,920	8,776	8,309
8	26	98 993	64 503,581	1 156 428,835	17,928	17,461	58	76	73 630	3 299,228	27 817,475	8,432	7,964
9	27	98 968	61 125,282	1 091 925,254	17,864	17,397	59	77	71 443	3 034,346	24 518,247	8,080	7,613
10	28	98 939	57 921,854	1 030 799,972	17,796	17,329	60	78	69 127	2 782,912	21 483,901	7,720	7,253
11	29	98 908	54 885,077	972 878,118	17,726	17,259	61	79	66 604	2 541,546	18 700,989	7,358	6,891
12	30	98 877	52 007,338	917 993,041	17,651	17,184	62	80	63 868	2 310,097	16 159,443	6,995	6,528
13	31	98 840	49 277,752	865 985,703	17,574	17,106	63	81	60 892	2 087,626	13 849,346	6,634	6,167
14	32	98 799	46 689,390	816 707,951	17,492	17,025	64	82	57 674	1 874,220	11 761,721	6,276	5,808
15	33	98 754	44 235,015	770 018,561	17,407	16,940	65	83	54 186	1 669,084	9 887,500	5,924	5,457
16	34	98 704	41 907,252	725 783,546	17,319	16,851	66	84	50 409	1 471,799	8 218,416	5,584	5,117
17	35	98 643	39 698,716	683 875,821	17,227	16,759	67	85	46 401	1 284,140	6 746,617	5,254	4,787
18	36	98 571	37 601,516	644 177,105	17,132	16,664	68	86	42 204	1 107,109	5 462,477	4,934	4,467
19	37	98 486	35 610,500	606 575,589	17,034	16,566	69	87	37 847	941,051	4 355,367	4,628	4,161
20	38	98 397	33 723,371	570 965,089	16,931	16,464	70	88	33 378	786,658	3 414,316	4,340	3,873
21	39	98 302	31 934,386	537 241,718	16,823	16,356	71	89	28 930	646,279	2 627,658	4,066	3,599
22	40	98 198	30 237,631	505 307,332	16,711	16,244	72	90	24 575	520,373	1 981,379	3,808	3,340
23	41	98 095	28 631,107	475 069,701	16,593	16,126	73	91	20 409	409,623	1 461,006	3,567	3,100
24	42	97 981	27 107,204	446 438,595	16,469	16,002	74	92	16 532	314,507	1 051,384	3,343	2,876
25	43	97 858	25 661,541	419 331,391	16,341	15,874	75	93	13 006	234,533	736,877	3,142	2,675
26	44	97 727	24 291,215	393 669,850	16,206	15,739	76	94	9 930	169,725	502,343	2,960	2,493
27	45	97 591	22 992,934	369 378,635	16,065	15,598	77	95	7 365	119,321	332,618	2,788	2,320
28	46	97 442	21 761,015	346 385,701	15,918	15,451	78	96	5 271	80,948	213,298	2,635	2,168
29	47	97 282	20 592,600	324 624,686	15,764	15,297	79	97	3 629	52,824	132,349	2,505	2,038
30	48	97 108	19 484,073	304 032,085	15,604	15,137	80	98	2 433	33,565	79,525	2,369	1,902
31	49	96 909	18 430,559	284 548,012	15,439	14,972	81	99	1 564	20,457	45,960	2,247	1,779
32	50	96 690	17 430,299	266 117,454	15,268	14,800	82	100	963	11,943	25,503	2,135	1,668
33	51	96 453	16 481,072	248 687,154	15,089	14,622							
34	52	96 185	15 578,501	232 206,082	14,906	14,438							
35	53	95 906	14 723,446	216 627,581	14,713	14,246							
36	54	95 596	13 910,772	201 904,135	14,514	14,047							
37	55	95 249	13 137,637	187 993,364	14,310	13,842							
38	56	94 857	12 401,595	174 855,727	14,099	13,632							
39	57	94 441	11 703,412	162 454,132	13,881	13,414							
40	58	93 977	11 038,852	150 750,720	13,656	13,189							
41	59	93 469	10 406,802	139 711,868	13,425	12,958							
42	60	92 901	9 804,307	129 305,066	13,189	12,721							
43	61	92 294	9 232,459	119 500,759	12,944	12,476							
44	62	91 632	8 688,383	110 268,300	12,691	12,224							
45	63	90 913	8 170,826	101 579,917	12,432	11,965							
46	64	90 129	7 678,045	93 409,091	12,166	11,699							
47	65	89 277	7 208,948	85 731,046	11,892	11,425							
48	66	88 355	6 762,563	78 522,098	11,611	11,144							
49	67	87 351	6 337,200	71 759,535	11,324	10,856							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	1 815 679,477	18,242	17,774	50	69	85 399	5 872,596	63 304,365	10,780	10,312
1	20	99 182	94 011,321	1 716 144,205	18,255	17,787	51	70	84 142	5 484,489	57 431,770	10,472	10,004
2	21	99 142	89 074,139	1 622 132,884	18,211	17,744	52	71	82 788	5 114,950	51 947,280	10,156	9,689
3	22	99 112	84 404,898	1 533 058,746	18,163	17,696	53	72	81 318	4 762,211	46 832,330	9,834	9,367
4	23	99 083	79 981,737	1 448 653,848	18,112	17,645	54	73	79 741	4 426,399	42 070,119	9,504	9,037
5	24	99 056	75 791,025	1 368 672,110	18,058	17,591	55	74	78 014	4 104,759	37 643,720	9,171	8,704
6	25	99 031	71 821,505	1 292 881,085	18,001	17,534	56	75	76 159	3 798,262	33 538,961	8,830	8,363
7	26	99 002	68 057,892	1 221 059,580	17,941	17,474	57	76	74 154	3 505,467	29 740,699	8,484	8,017
8	27	98 975	64 492,084	1 153 001,688	17,878	17,411	58	77	71 999	3 226,154	26 235,231	8,132	7,665
9	28	98 947	61 112,461	1 088 509,604	17,812	17,344	59	78	69 733	2 961,709	23 009,078	7,769	7,302
10	29	98 915	57 908,069	1 027 397,143	17,742	17,275	60	79	67 246	2 707,196	20 047,369	7,405	6,938
11	30	98 884	54 871,534	969 489,074	17,668	17,201	61	80	64 552	2 463,245	17 340,173	7,040	6,572
12	31	98 849	41 992,631	914 617,540	17,591	17,124	62	81	61 616	2 228,639	14 876,928	6,675	6,208
13	32	98 808	49 261,884	862 624,909	17,511	17,044	63	82	58 431	2 003,254	12 648,289	6,314	5,847
14	33	98 766	46 673,707	813 363,025	17,427	16,959	64	83	54 963	1 786,128	10 645,035	5,960	5,493
15	34	98 719	44 219,522	766 689,318	17,338	16,871	65	84	51 195	1 576,958	8 858,907	5,618	5,151
16	35	98 666	41 891,725	722 469,796	17,246	16,779	66	85	47 194	1 377,916	7 281,950	5,285	4,818
17	36	98 597	39 680,179	680 578,071	17,152	16,684	67	86	42 982	1 189,507	5 904,034	4,963	4,496
18	37	98 524	37 583,585	640 897,892	17,053	16,585	68	87	38 605	1 012,697	4 714,527	4,655	4,188
19	38	98 436	35 592,519	603 314,306	16,951	16,483	69	88	34 097	847,798	3 701,830	4,366	3,899
20	39	98 342	33 704,685	567 721,787	16,844	16,377	70	89	29 596	697,526	2 854,032	4,092	3,624
21	40	98 238	31 913,608	534 017,102	16,733	16,266	71	90	25 203	563,034	2 156,506	3,830	3,363
22	41	98 136	30 218,486	502 103,494	16,616	16,149	72	91	20 960	443,817	1 593,471	3,590	3,123
23	42	98 023	28 610,122	471 885,008	16,494	16,026	73	92	17 022	341,655	1 149,654	3,365	2,898
24	43	97 902	27 085,332	443 274,886	16,366	15,899	74	93	13 424	255,397	807,999	3,164	2,697
25	44	97 770	25 638,556	416 189,554	16,233	15,766	75	94	10 282	185,408	552,603	2,980	2,513
26	45	97 634	24 268,239	390 550,998	16,093	15,626	76	95	7 651	130,781	367,194	2,808	2,341
27	46	97 486	22 968,201	366 282,758	15,947	15,480	77	96	5 492	88,983	236,414	2,657	2,190
28	47	97 327	21 735,246	343 314,557	15,795	15,328	78	97	3 799	58,338	147,431	2,527	2,060
29	48	97 156	20 565,843	321 579,311	15,637	15,169	79	98	2 559	37,255	89,093	2,391	1,924
30	49	96 960	19 454,513	301 013,468	15,473	15,005	80	99	1 657	22,857	51,838	2,268	1,801
31	50	96 746	18 399,520	281 558,955	15,303	14,835	81	100	1 027	13,435	28,981	2,157	1,690
32	51	96 512	17 398,160	263 159,434	15,126	14,659							
33	52	96 253	16 446,849	245 761,275	14,943	14,476							
34	53	95 973	15 544,159	229 314,425	14,752	14,285							
35	54	95 668	14 686,953	213 770,266	14,555	14,088							
36	55	95 333	13 872,458	199 083,314	14,351	13,884							
37	56	94 952	13 096,747	185 210,856	14,142	13,675							
38	57	94 537	12 359,658	172 114,109	13,925	13,458							
39	58	94 086	11 659,451	159 754,451	13,702	13,235							
40	59	93 585	10 992,780	148 095,000	13,472	13,005							
41	60	93 036	10 358,572	137 102,220	13,236	12,768							
42	61	92 425	9 754,042	126 743,648	12,994	12,527							
43	62	91 778	9 180,885	116 989,606	12,743	12,276							
44	63	91 071	8 635,194	107 808,721	12,485	12,018							
45	64	90 299	8 115,590	99 173,527	12,220	11,753							
46	65	89 461	7 621,160	91 057,937	11,948	11,481							
47	66	88 561	7 151,177	83 436,777	11,668	11,200							
48	67	87 581	6 703,338	76 285,600	11,380	10,913							
49	68	86 534	6 277,897	69 582,262	11,084	10,617							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	1 811 927,161	18,207	17,740	50	70	84 413	5 804,789	61 099,253	10,526	10,058
1	21	99 166	93 995,933	1 712 408,249	18,218	17,751	51	71	83 086	5 415,649	55 294,464	10,210	9,743
2	22	99 125	89 059,014	1 618 412,317	18,172	17,705	52	72	81 645	5 044,290	49 878,815	9,888	9,421
3	23	99 095	84 390,737	1 529 353,302	18,122	17,655	53	73	80 103	4 691,026	44 834,525	9,558	9,090
4	24	99 067	79 968,656	1 444 962,566	18,069	17,602	54	74	78 407	4 352,319	40 143,499	9,223	8,756
5	25	99 040	75 778,575	1 364 993,910	18,013	17,546	55	75	76 595	4 030,085	35 791,180	8,881	8,414
6	26	99 011	71 807,542	1 289 215,335	17,954	17,487	56	76	74 627	3 721,841	31 761,095	8,534	8,067
7	27	98 985	68 045,762	1 217 407,793	17,891	17,424	57	77	72 512	3 427,825	28 039,254	8,180	7,713
8	28	98 954	64 478,557	1 149 362,032	17,825	17,358	58	78	70 276	3 148,925	24 611,429	7,816	7,349
9	29	98 923	61 097,917	1 084 883,475	17,756	17,289	59	79	67 836	2 881,128	21 462,504	7,449	6,982
10	30	98 891	57 893,779	1 023 785,558	17,684	17,217	60	80	65 174	2 623,792	18 581,376	7,082	6,615
11	31	98 856	54 856,017	965 891,778	17,608	17,141	61	81	62 276	2 376,387	15 957,585	6,715	6,248
12	32	98 817	51 975,889	911 035,762	17,528	17,061	62	82	59 126	2 138,568	13 581,197	6,351	5,883
13	33	98 775	49 245,337	859 059,872	17,444	16,977	63	83	55 684	1 909,096	11 442,629	5,994	5,527
14	34	98 731	46 657,360	809 814,536	17,357	16,889	64	84	51 929	1 687,541	9 533,533	5,649	5,182
15	35	98 681	44 202,640	763 157,175	17,265	16,798	65	85	47 930	1 476,367	7 845,992	5,314	4,847
16	36	98 620	41 872,164	718 954,536	17,170	16,703	66	86	43 716	1 276,372	6 369,626	4,990	4,523
17	37	98 550	39 661,258	677 082,372	17,072	16,604	67	87	39 316	1 088,068	5 093,253	4,681	4,214
18	38	98 474	37 564,608	637 421,114	16,969	16,501	68	88	34 780	912,344	4 005,186	4,390	3,923
19	39	98 382	35 572,797	599 856,506	16,863	16,396	69	89	30 233	751,739	3 092,842	4,114	3,647
20	40	98 278	33 682,755	564 283,709	16,753	16,286	70	90	25 784	607,681	2 341,103	3,853	3,385
21	41	98 175	31 893,403	530 600,954	16,637	16,170	71	91	21 496	480,202	1 733,422	3,610	3,143
22	42	98 064	30 196,338	498 707,551	16,515	16,048	72	92	17 482	370,175	1 253,220	3,385	2,918
23	43	97 944	28 587,038	468 511,213	16,389	15,922	73	93	13 823	277,442	883,045	3,183	2,716
24	44	97 815	27 061,072	439 924,176	16,257	15,790	74	94	10 613	201,902	605,602	2,999	2,532
25	45	97 677	25 614,306	412 863,103	16,118	15,651	75	95	7 922	142,865	403,701	2,826	2,359
26	46	97 529	24 242,135	387 248,798	15,974	15,507	76	96	5 706	97,529	260,835	2,674	2,207
27	47	97 371	22 941,002	363 006,663	15,823	15,356	77	97	3 958	64,129	163,306	2,547	2,079
28	48	97 201	21 707,004	340 065,660	15,666	15,199	78	98	2 679	41,144	99,177	2,411	1,943
29	49	97 008	20 534,642	318 358,656	15,503	15,036	79	99	1 743	25,370	58,034	2,288	1,820
30	50	96 797	19 421,751	297 824,014	15,335	14,867	80	100	1 088	15,011	32,664	2,176	1,709
31	51	96 568	18 365,594	278 402,263	15,159	14,692							
32	52	96 312	17 362,032	260 036,670	14,977	14,510							
33	53	96 041	16 410,593	242 674,637	14,788	14,320							
34	54	95 736	15 505,632	226 264,044	14,592	14,125							
35	55	95 405	14 646,501	210 758,412	14,390	13,922							
36	56	95 036	13 829,281	196 111,911	14,181	13,714							
37	57	94 631	13 052,460	182 282,630	13,965	13,498							
38	58	94 181	12 313,231	169 230,171	13,744	13,277							
39	59	93 693	11 610,789	156 916,939	13,515	13,048							
40	60	93 151	10 941,835	145 306,150	13,280	12,813							
41	61	92 559	10 305,465	134 364,315	13,038	12,571							
42	62	91 908	9 699,554	124 058,850	12,790	12,323							
43	63	91 217	9 124,680	114 359,296	12,533	12,066							
44	64	90 455	8 576,818	105 234,615	12,270	11,802							
45	65	89 630	8 055,463	96 657,797	11,999	11,532							
46	66	88 744	7 560,087	88 602,334	11,720	11,253							
47	67	87 786	7 088,549	81 042,248	11,433	10,966							
48	68	86 761	6 640,609	73 953,699	11,137	10,669							
49	69	85 651	6 213,837	67 313,090	10,833	10,366							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	1 807 950,030	18,170	17,703	50	71	83 353	5 731,929	58 810,536	10,260	9,793
1	22	99 149	93 979,972	1 708 447,408	18,179	17,712	51	72	81 938	5 340,835	53 078,607	9,938	9,471
2	23	99 108	89 044,072	1 614 467,435	18,131	17,664	52	73	80 424	4 968,888	47 737,773	9,607	9,140
3	24	99 079	84 376,934	1 525 423,363	18,079	17,611	53	74	78 762	4 612,517	42 768,885	9,272	8,805
4	25	99 051	79 955,519	1 441 046,430	18,023	17,556	54	75	76 980	4 273,141	38 156,368	8,929	8,462
5	26	99 020	75 763,842	1 361 090,910	17,965	17,498	55	76	75 054	3 949,000	33 883,227	8,580	8,113
6	27	98 994	71 794,743	1 285 327,068	17,903	17,436	56	77	72 974	3 639,407	29 934,227	8,225	7,758
7	28	98 964	68 031,489	1 213 532,325	17,838	17,371	57	78	70 776	3 345,769	26 294,820	7,859	7,392
8	29	98 931	64 463,212	1 145 500,836	17,770	17,303	58	79	68 364	3 063,250	22 949,052	7,492	7,025
9	30	98 899	61 082,840	1 081 037,624	17,698	17,231	59	80	65 746	2 792,365	19 885,801	7,121	6,654
10	31	98 863	57 877,408	1 019 954,784	17,623	17,155	60	81	62 876	2 531,273	17 093,436	6,753	6,286
11	32	98 824	54 838,353	962 077,376	17,544	17,077	61	82	59 759	2 280,345	14 562,164	6,386	5,919
12	33	98 784	51 958,219	907 239,023	17,461	16,994	62	83	56 347	2 038,051	12 281,819	6,026	5,559
13	34	98 740	49 228,090	855 280,593	17,374	16,907	63	84	52 611	1 803,722	10 243,768	5,679	5,212
14	35	98 694	46 639,547	806 052,503	17,283	16,815	64	85	48 617	1 579,896	8 440,046	5,342	4,875
15	36	98 635	44 182,000	759 412,956	17,188	16,721	65	86	44 398	1 367,568	6 860,150	5,016	4,549
16	37	98 573	41 852,197	715 230,956	17,089	16,622	66	87	39 988	1 167,525	5 492,583	4,704	4,237
17	38	98 501	39 641,231	673 378,759	16,987	16,520	67	88	35 420	980,246	4 325,057	4,412	3,945
18	39	98 420	37 543,793	633 737,528	16,880	16,413	68	89	30 839	808,972	3 344,812	4,135	3,667
19	40	98 318	35 549,652	596 193,735	16,771	16,304	69	90	26 339	654,910	2 535,840	3,872	3,405
20	41	98 216	33 661,430	560 644,083	16,655	16,188	70	91	21 991	518,280	1 880,930	3,629	3,162
21	42	98 103	31 870,027	526 982,654	16,535	16,068	71	92	17 929	400,523	1 362,649	3,402	2,935
22	43	97 985	30 171,974	495 112,627	16,410	15,943	72	93	14 196	300,602	962,126	3,201	2,733
23	44	97 856	28 561,433	464 940,653	16,279	15,811	73	94	10 928	219,330	661,524	3,016	2,549
24	45	97 722	27 035,477	436 379,221	16,141	15,674	74	95	8 177	155,574	442,194	2,842	2,375
25	46	97 572	25 586,753	409 343,744	15,998	15,531	75	96	5 908	106,541	286,620	2,690	2,223
26	47	97 414	24 213,427	383 756,991	15,849	15,382	76	97	4 112	70,288	180,079	2,562	2,095
27	48	97 244	22 911,194	359 543,563	15,693	15,226	77	98	2 792	45,227	109,791	2,428	1,960
28	49	97 053	21 674,072	336 632,370	15,532	15,064	78	99	1 824	28,018	64,563	2,304	1,837
29	50	96 845	20 500,060	314 958,297	15,364	14,897	79	100	1 145	16,661	36,546	2,193	1,726
30	51	96 619	19 385,939	294 458,237	15,189	14,722							
31	52	96 367	18 327,457	275 072,298	15,009	14,542							
32	53	96 099	17 323,759	256 744,840	14,820	14,353							
33	54	95 803	16 369,918	239 421,081	14,626	14,158							
34	55	95 472	15 462,925	223 051,163	14,425	13,958							
35	56	95 108	14 600,915	207 588,238	14,217	13,750							
36	57	94 715	13 782,516	192 987,323	14,002	13,535							
37	58	94 276	13 003,431	179 204,806	13,781	13,314							
38	59	93 788	12 261,841	166 201,375	13,554	13,087							
39	60	93 259	11 556,979	153 939,534	13,320	12,853							
40	61	92 674	10 885,738	142 382,555	13,080	12,613							
41	62	92 042	10 247,897	131 496,817	12,832	12,364							
42	63	91 346	9 640,175	121 248,920	12,577	12,110							
43	64	90 600	9 062,996	111 608,745	12,315	11,848							
44	65	89 785	8 513,274	102 545,750	12,045	11,578							
45	66	88 911	7 990,909	94 032,475	11,767	11,300							
46	67	87 967	7 493,877	86 041,566	11,482	11,014							
47	68	86 964	7 022,215	78 547,689	11,186	10,718							
48	69	85 876	6 572,848	71 525,474	10,882	10,415							
49	70	84 662	6 142,090	64 952,626	10,575	10,108							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	1 803 736,205	18,131	17,663	50	72	82 202	5 652,745	56 439,671	9,984	9,517
1	23	99 132	93 964,205	1 704 250,478	18,137	17,670	51	73	80 713	5 261,000	50 786,926	9,653	9,186
2	24	99 092	89 029,508	1 610 286,273	18,087	17,620	52	74	79 078	4 885,729	45 525,926	9,318	8,851
3	25	99 063	84 363,073	1 521 256,765	18,032	17,565	53	75	77 329	4 528,606	40 640,197	8,974	8,507
4	26	99 032	79 939,975	1 436 893,692	17,975	17,507	54	76	75 432	4 187,165	36 111,592	8,624	8,157
5	27	99 003	75 750,338	1 356 953,717	17,914	17,446	55	77	73 391	3 861,534	31 924,426	8,267	7,800
6	28	98 973	71 779,684	1 281 203,379	17,849	17,382	56	78	71 227	3 552,285	28 062,892	7,900	7,433
7	29	98 940	68 015,298	1 209 423,694	17,782	17,314	57	79	68 850	3 254,739	24 510,607	7,531	7,064
8	30	98 906	64 447,305	1 141 408,396	17,711	17,244	58	80	66 257	2 968,876	21 255,869	7,160	6,692
9	31	98 871	61 065,567	1 076 961,091	17,636	17,169	59	81	63 427	2 693,902	18 286,992	6,788	6,321
10	32	98 831	57 858,771	1 015 895,525	17,558	17,091	60	82	60 335	2 428,971	15 593,090	6,420	5,952
11	33	98 791	54 819,932	958 036,754	17,476	17,009	61	83	56 950	2 173,163	13 164,119	6,058	5,590
12	34	98 749	51 940,233	903 216,821	17,390	16,922	62	84	53 236	1 925,559	10 990,956	5,708	5,241
13	35	98 703	49 209,295	851 276,588	17,299	16,832	63	85	49 255	1 688,666	9 065,398	5,368	4,901
14	36	98 647	46 617,769	802 067,294	17,205	16,738	64	86	45 034	1 463,467	7 376,731	5,041	4,573
15	37	98 588	44 160,931	755 449,525	17,107	16,640	65	87	40 611	1 250,944	5 913,264	4,727	4,260
16	38	98 523	41 831,064	711 288,593	17,004	16,537	66	88	36 025	1 051,830	4 662,320	4,433	3,965
17	39	98 446	39 619,266	669 457,529	16,897	16,430	67	89	31 407	869,180	3 610,491	4,154	3,687
18	40	98 356	37 519,365	629 838,263	16,787	16,320	68	90	26 867	704,771	2 741,311	3,890	3,422
19	41	98 256	35 527,144	592 318,898	16,672	16,205	69	91	22 464	558,562	2 036,540	3,646	3,179
20	42	98 144	33 636,758	556 791,753	16,553	16,086	70	92	18 342	432,283	1 477,978	3,419	2,952
21	43	98 024	31 844,312	523 154,996	16,429	15,961	71	93	14 559	325,247	1 045,695	3,215	2,748
22	44	97 897	30 144,949	491 310,683	16,298	15,831	72	94	11 223	237,639	720,448	3,032	2,565
23	45	97 763	28 534,418	461 165,734	16,162	15,695	73	95	8 420	169,003	482,810	2,857	2,390
24	46	97 617	27 006,395	432 631,317	16,020	15,552	74	96	6 098	116,019	313,807	2,705	2,238
25	47	97 457	25 556,454	405 624,921	15,872	15,405	75	97	4 258	76,783	197,788	2,576	2,109
26	48	97 287	24 181,965	380 068,467	15,717	15,250	76	98	2 900	49,571	121,005	2,441	1,974
27	49	97 097	22 876,435	355 886,502	15,557	15,090	77	99	1 901	30,799	71,434	2,319	1,852
28	50	96 890	21 637,572	333 010,067	15,390	14,923	78	100	1 198	18,401	40,635	2,208	1,741
29	51	96 666	20 462,260	311 372,495	15,217	14,750							
30	52	96 418	19 345,684	290 910,235	15,037	14,570							
31	53	96 155	18 287,056	271 564,551	14,850	14,383							
32	54	95 861	17 280,821	253 277,495	14,657	14,189							
33	55	95 539	16 324,831	235 996,674	14,456	13,989							
34	56	95 175	15 414,798	219 671,843	14,251	13,784							
35	57	94 786	14 551,541	204 257,045	14,037	13,570							
36	58	94 359	13 730,745	189 705,504	13,816	13,349							
37	59	93 882	12 949,160	175 974,758	13,590	13,122							
38	60	93 354	12 205,014	163 025,598	13,357	12,890							
39	61	92 781	11 497,729	150 820,584	13,117	12,650							
40	62	92 156	10 824,928	139 322,855	12,871	12,403							
41	63	91 478	10 185,160	128 497,927	12,616	12,149							
42	64	90 728	9 575,005	118 312,767	12,356	11,889							
43	65	89 929	8 995,850	108 737,761	12,088	11,620							
44	66	89 066	8 445,051	99 741,912	11,811	11,344							
45	67	88 133	7 920,927	91 296,860	11,526	11,059							
46	68	87 144	7 423,750	83 375,934	11,231	10,764							
47	69	86 077	6 950,560	75 952,184	10,927	10,460							
48	70	84 884	6 496,956	69 001,623	10,621	10,153							
49	71	83 599	6 064,996	62 504,667	10,306	9,839							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	1 799 273,919	18,089	17,622	50	73	80 973	5 568,248	53 989,599	9,696	9,229
1	24	99 116	93 948,836	1 699 804,884	18,093	17,626	51	74	79 362	5 172,952	48 421,350	9,360	8,893
2	25	99 076	89 014,883	1 605 856,048	18,040	17,573	52	75	77 640	4 796,847	43 248,398	9,016	8,549
3	26	99 043	84 346,672	1 516 841,164	17,983	17,516	53	76	75 774	4 437,490	38 451,551	8,665	8,198
4	27	99 014	79 925,726	1 432 494,493	17,923	17,456	54	77	73 761	4 094,425	34 014,061	8,307	7,840
5	28	98 982	75 734,450	1 352 568,766	17,859	17,392	55	78	71 635	3 769,095	29 919,637	7,938	7,471
6	29	98 949	71 762,601	1 276 834,316	17,792	17,325	56	79	69 289	3 455,636	26 150,542	7,568	7,100
7	30	98 916	67 998,515	1 205 071,715	17,722	17,255	57	80	66 729	3 154,465	22 694,905	7,195	6,727
8	31	98 878	64 429,080	1 137 073,200	17,648	17,181	58	81	63 921	2 864,189	19 540,440	6,822	6,355
9	32	98 839	61 045,903	1 072 644,120	17,571	17,104	59	82	60 864	2 585,027	16 676,251	6,451	5,984
10	33	98 798	57 839,336	1 011 598,217	17,490	17,023	60	83	57 499	2 314,804	14 091,224	6,087	5,620
11	34	98 756	54 800,733	953 758,881	17,404	16,937	61	84	53 806	2 053,214	11 776,420	5,736	5,268
12	35	98 711	51 920,080	898 958,148	17,314	16,847	62	85	49 841	1 802,731	9 723,206	5,394	4,926
13	36	98 657	49 186,317	847 037,746	17,221	16,754	63	86	45 625	1 564,222	7 920,475	5,064	4,596
14	37	98 600	46 595,539	797 851,429	17,123	16,656	64	87	41 194	1 338,665	6 356,253	4,748	4,281
15	38	98 538	44 138,633	751 255,890	17,020	16,553	65	88	36 587	1 126,982	5 017,588	4,452	3,985
16	39	98 469	41 807,886	707 117,257	16,913	16,446	66	89	31 943	932,653	3 890,606	4,172	3,704
17	40	98 382	39 593,488	665 309,371	16,804	16,336	67	90	27 361	757,224	2 957,954	3,906	3,439
18	41	98 293	37 495,611	625 715,884	16,688	16,221	68	91	22 914	601,087	2 200,729	3,661	3,194
19	42	98 184	35 501,105	588 220,273	16,569	16,102	69	92	18 737	465,881	1 599,642	3,434	2,966
20	43	98 065	33 609,618	552 719,168	16,445	15,978	70	93	14 894	351,037	1 133,761	3,230	2,763
21	44	97 936	31 815,789	519 109,550	16,316	15,849	71	94	11 510	257,121	782,724	3,044	2,577
22	45	97 804	30 116,436	487 293,761	16,180	15,713	72	95	8 648	183,111	525,603	2,870	2,403
23	46	97 658	28 503,724	457 177,324	16,039	15,572	73	96	6 279	126,033	342,492	2,717	2,250
24	47	97 501	26 974,415	428 673,600	15,892	15,425	74	97	4 395	83,613	216,459	2,589	2,122
25	48	97 330	25 523,247	401 699,185	15,739	15,271	75	98	3 003	54,152	132,846	2,453	1,986
26	49	97 140	24 145,279	376 175,938	15,580	15,113	76	99	1 975	33,757	78,694	2,331	1,864
27	50	96 933	22 837,909	352 030,660	15,414	14,947	77	100	1 248	20,227	44,937	2,222	1,754
28	51	96 711	21 597,674	329 192,750	15,242	14,775							
29	52	96 466	20 419,770	307 595,076	15,064	14,596							
30	53	96 205	19 303,038	287 175,306	14,877	14,410							
31	54	95 916	18 241,730	267 872,268	14,685	14,217							
32	55	95 597	17 233,225	249 630,538	14,485	14,018							
33	56	95 241	16 274,022	232 397,313	14,280	13,813							
34	57	94 853	15 362,672	216 123,291	14,068	13,601							
35	58	94 430	14 496,881	200 760,619	13,849	13,381							
36	59	93 965	13 673,439	186 263,738	13,622	13,155							
37	60	93 447	12 889,148	172 590,299	13,390	12,923							
38	61	92 875	12 142,441	159 701,151	13,152	12,685							
39	62	92 262	11 433,501	147 558,710	12,906	12,439							
40	63	91 592	10 758,659	136 125,209	12,653	12,185							
41	64	90 860	10 116,307	125 366,550	12,393	11,925							
42	65	90 056	9 504,066	115 250,244	12,126	11,659							
43	66	89 208	8 923,760	105 746,178	11,850	11,383							
44	67	88 286	8 371,092	96 822,418	11,566	11,099							
45	68	87 308	7 846,803	88 451,326	11,272	10,805							
46	69	86 255	7 347,998	80 604,523	10,970	10,502							
47	70	85 083	6 870,307	73 256,525	10,663	10,196							
48	71	83 819	6 415,408	66 386,218	10,348	9,881							
49	72	82 444	5 981,211	59 970,810	10,027	9,559							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	1 794 549,957	18,044	17,577	50	74	79 618	5 475,058	51 462,415	9,399	8,932
1	25	99 100	93 933,403	1 695 097,191	18,046	17,579	51	75	77 918	5 078,845	45 987,357	9,055	8,588
2	26	99 057	88 997,577	1 601 163,788	17,991	17,524	52	76	76 078	4 700,334	40 908,512	8,703	8,236
3	27	99 026	84 331,638	1 512 166,210	17,931	17,464	53	77	74 095	4 339,205	36 208,178	8,344	7,877
4	28	98 993	79 908,962	1 427 834,572	17,868	17,401	54	78	71 995	3 996,410	31 868,973	7,974	7,507
5	29	98 958	75 716,426	1 347 925,610	17,802	17,335	55	79	69 686	3 666,547	27 872,562	7,602	7,135
6	30	98 925	71 744,893	1 272 209,184	17,732	17,265	56	80	67 155	3 349,174	24 206,015	7,227	6,760
7	31	98 888	67 979,286	1 200 464,291	17,659	17,192	57	81	64 376	3 043,234	20 856,841	6,854	6,386
8	32	98 847	64 408,333	1 132 485,006	17,583	17,116	58	82	61 338	2 748,432	17 813,607	6,481	6,014
9	33	98 806	61 025,398	1 068 076,672	17,502	17,035	59	83	58 003	2 463,525	15 065,175	6,115	5,648
10	34	98 763	57 819,079	1 007 051,274	17,417	16,950	60	84	54 325	2 187,036	12 601,650	5,762	5,295
11	35	98 718	54 779,810	949 232,196	17,328	16,861	61	85	50 374	1 922,243	10 414,614	5,418	4,951
12	36	98 665	51 896,159	894 452,385	17,235	16,765	62	86	46 168	1 669,881	8 492,371	5,086	4,618
13	37	98 610	49 162,862	842 556,227	17,138	16,671	63	87	41 734	1 430,828	6 822,490	4,768	4,301
14	38	98 551	46 572,011	793 393,364	17,036	16,569	64	88	37 111	1 206,010	5 391,662	4,471	4,003
15	39	98 484	44 114,176	746 821,353	16,929	16,462	65	89	32 442	999,290	4 185,652	4,189	3,721
16	40	98 404	41 780,683	702 707,177	16,819	16,352	66	90	27 829	812,521	3 186,362	3,922	3,454
17	41	98 320	39 568,420	660 926,494	16,703	16,236	67	91	23 336	645,824	2 373,840	3,676	3,208
18	42	98 221	37 468,129	621 358,074	16,584	16,116	68	92	19 112	501,350	1 728,017	3,447	2,980
19	43	98 104	35 472,461	583 889,945	16,460	15,993	69	93	15 215	378,320	1 226,667	3,242	2,775
20	44	97 977	33 579,514	548 417,484	16,332	15,865	70	94	11 775	277,509	848,346	3,057	2,590
21	45	97 844	31 785,696	514 837,971	16,197	15,730	71	95	8 869	198,123	570,837	2,881	2,414
22	46	97 699	30 084,041	483 052,274	16,057	15,590	72	96	6 449	136,554	372,714	2,729	2,262
23	47	97 542	28 469,971	452 968,233	15,910	15,443	73	97	4 525	90,831	236,160	2,600	2,133
24	48	97 375	26 939,365	424 498,262	15,758	15,290	74	98	3 100	58,969	145,329	2,464	1,997
25	49	97 182	25 484,525	397 558,897	15,600	15,133	75	99	2 045	36,876	86,360	2,342	1,875
26	50	96 976	24 104,616	372 074,372	15,436	14,969	76	100	1 297	22,170	49,484	2,232	1,765
27	51	96 755	22 795,799	347 969,756	15,265	14,797							
28	52	96 510	21 552,827	325 173,957	15,087	14,620							
29	53	96 253	20 374,757	303 621,131	14,902	14,435							
30	54	95 967	19 255,194	283 246,374	14,710	14,243							
31	55	95 652	18 191,487	263 991,180	14,512	14,045							
32	56	95 300	17 179,588	245 799,693	14,308	13,840							
33	57	94 919	16 218,990	228 620,104	14,096	13,629							
34	58	94 497	15 304,965	212 401,114	13,878	13,411							
35	59	94 036	14 436,377	197 096,149	13,653	13,186							
36	60	93 530	13 610,070	182 659,772	13,421	12,954							
37	61	92 968	12 823,067	169 049,702	13,183	12,716							
38	62	92 356	12 074,611	156 226,634	12,938	12,471							
39	63	91 698	11 363,506	144 152,023	12,686	12,218							
40	64	90 973	10 685,928	132 788,517	12,426	11,959							
41	65	90 187	10 041,357	122 102,589	12,160	11,693							
42	66	89 334	9 427,903	112 061,232	11,886	11,419							
43	67	88 427	8 845,608	102 633,328	11,603	11,136							
44	68	87 460	8 292,756	93 787,721	11,310	10,842							
45	69	86 417	7 766,735	85 494,965	11,008	10,541							
46	70	85 259	7 263,156	77 728,231	10,702	10,235							
47	71	84 015	6 784,073	70 465,075	10,387	9,920							
48	72	82 661	6 326,782	63 681,002	10,065	9,598							
49	73	81 212	5 891,805	57 354,220	9,735	9,267							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	1 789 550,194	17,997	17,530	50	75	78 170	5 375,455	48 863,971	9,090	8,623
1	26	99 080	93 915,141	1 690 113,764	17,996	17,529	51	76	76 351	4 976,659	43 488,516	8,738	8,271
2	27	99 039	88 981,715	1 596 198,623	17,939	17,471	52	77	74 393	4 596,227	38 511,857	8,379	7,912
3	28	99 005	84 313,950	1 507 216,909	17,876	17,409	53	78	72 322	4 235,331	33 915,630	8,008	7,541
4	29	98 970	79 889,945	1 422 902,959	17,811	17,344	54	79	70 036	3 887,678	29 680,299	7,634	7,167
5	30	98 934	75 697,742	1 343 013,014	17,742	17,275	55	80	67 539	3 553,587	25 792,621	7,258	6,791
6	31	98 897	71 724,605	1 267 315,273	17,669	17,202	56	81	64 787	3 231,077	22 239,034	6,883	6,416
7	32	98 856	67 957,396	1 195 590,668	17,593	17,126	57	82	61 774	2 920,241	19 007,957	6,509	6,042
8	33	98 813	64 386,698	1 127 633,272	17,513	17,046	58	83	58 455	2 619,250	16 087,716	6,142	5,675
9	34	98 771	61 004,025	1 063 246,574	17,429	16,962	59	84	54 802	2 327,549	13 468,466	5,787	5,319
10	35	98 726	57 797,004	1 002 242,549	17,341	16,874	60	85	50 860	2 047,529	11 140,918	5,441	4,974
11	36	98 672	54 754,232	944 445,545	17,249	16,782	61	86	46 662	1 780,586	9 093,388	5,107	4,640
12	37	98 618	51 871,412	889 691,314	17,152	16,685	62	87	42 231	1 527,476	7 312,802	4,788	4,320
13	38	98 560	49 138,038	837 819,902	17,050	16,583	63	88	37 599	1 289,040	5 785,326	4,488	4,021
14	39	98 496	46 546,206	788 681,864	16,944	16,477	64	89	32 907	1 069,365	4 496,286	4,205	3,737
15	40	98 420	44 085,473	742 135,658	16,834	16,367	65	90	28 263	870,575	3 426,922	3,936	3,469
16	41	98 342	41 754,231	698 050,185	16,718	16,251	66	91	23 735	692,986	2 556,346	3,689	3,222
17	42	98 248	39 539,419	656 295,954	16,599	16,131	67	92	19 464	538,663	1 863,361	3,459	2,992
18	43	98 142	37 437,897	616 756,536	16,474	16,007	68	93	15 520	407,123	1 324,697	3,254	2,787
19	44	98 016	35 440,688	579 318,638	16,346	15,879	69	94	12 028	299,078	917,574	3,068	2,601
20	45	97 884	33 547,753	543 877,950	16,212	15,745	70	95	9 073	213,833	618,496	2,892	2,425
21	46	97 739	31 751,506	510 330,197	16,073	15,605	71	96	6 614	147,749	404,663	2,739	2,272
22	47	97 583	30 048,416	478 578,692	15,927	15,460	72	97	4 648	98,413	256,914	2,611	2,143
23	48	97 416	28 432,978	448 530,275	15,775	15,308	73	98	3 192	64,059	158,501	2,474	2,007
24	49	97 227	26 898,495	420 097,298	15,618	15,151	74	99	2 111	40,157	94,442	2,352	1,885
25	50	97 019	25 441,607	393 198,803	15,455	14,988	75	100	1 343	24,218	54,285	2,242	1,774
26	51	96 797	24 060,170	367 757,195	15,285	14,818							
27	52	96 554	22 748,463	343 697,025	15,109	14,641							
28	53	96 297	21 505,315	320 948,562	14,924	14,457							
29	54	96 014	20 324,256	299 443,247	14,733	14,266							
30	55	95 703	19 202,160	279 118,991	14,536	14,069							
31	56	95 354	18 134,868	259 916,831	14,332	13,865							
32	57	94 977	17 121,494	241 781,963	14,122	13,654							
33	58	94 563	16 158,067	224 660,469	13,904	13,437							
34	59	94 102	15 241,089	208 502,402	13,680	13,213							
35	60	93 600	14 369,473	193 261,313	13,449	12,982							
36	61	93 050	13 540,294	178 891,841	13,212	12,745							
37	62	92 449	12 751,435	165 351,547	12,967	12,500							
38	63	91 791	12 000,692	152 600,112	12,716	12,249							
39	64	91 078	11 286,686	140 599,420	12,457	11,990							
40	65	90 299	10 606,758	129 312,734	12,192	11,724							
41	66	89 464	9 960,889	118 705,975	11,917	11,450							
42	67	88 552	9 345,336	108 745,086	11,636	11,169							
43	68	87 599	8 762,831	99 399,750	11,343	10,876							
44	69	86 567	8 208,136	90 636,919	11,042	10,575							
45	70	85 419	7 677,058	82 428,783	10,737	10,270							
46	71	84 189	7 171,991	74 751,725	10,423	9,956							
47	72	82 854	6 690,354	67 579,735	10,101	9,634							
48	73	81 425	6 232,210	60 889,380	9,770	9,303							
49	74	79 853	5 793,199	54 657,171	9,435	8,968							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	6 488,629	90 116,249	13,888	13,421
1	0	99 661	94 465,784	1 757 062,587	18,600	18,133	51	50	93 896	6 120,272	83 627,620	13,664	13,197
2	1	99 349	89 260,509	1 662 596,802	18,626	18,159	52	51	93 387	5 769,791	77 507,348	13,433	12,966
3	2	99 314	84 577,048	1 573 336,293	18,602	18,135	53	52	92 821	5 435,831	71 737,557	13,197	12,730
4	3	99 289	80 147,782	1 488 759,245	18,575	18,108	54	53	92 198	5 117,882	66 301,726	12,955	12,488
5	4	99 268	75 953,220	1 408 611,463	18,546	18,079	55	54	91 509	4 814,813	61 183,845	12,707	12,240
6	5	99 250	71 980,404	1 332 658,243	18,514	18,047	56	55	90 738	4 525,352	56 369,031	12,456	11,989
7	6	99 234	68 217,093	1 260 677,839	18,480	18,013	57	56	89 883	4 248,999	51 843,679	12,201	11,734
8	7	99 217	64 649,747	1 192 460,747	18,445	17,978	58	57	88 946	3 985,492	47 594,680	11,942	11,475
9	8	99 205	61 271,795	1 127 811,000	18,407	17,940	59	58	87 927	3 734,458	43 609,188	11,678	11,210
10	9	99 190	58 068,684	1 066 539,205	18,367	17,900	60	59	86 799	3 494,366	39 874,730	11,411	10,944
11	10	99 177	55 034,383	1 008 470,521	18,324	17,857	61	60	85 572	3 265,346	36 380,363	11,141	10,674
12	11	99 165	52 158,787	953 436,138	18,279	17,812	62	61	84 231	3 046,629	33 115,017	10,869	10,402
13	12	99 148	49 431,430	901 277,352	18,233	17,766	63	62	82 776	2 837,916	30 068,388	10,595	10,128
14	13	99 133	46 847,121	851 845,922	18,184	17,716	64	63	81 204	2 638,866	27 230,472	10,319	9,852
15	14	99 113	44 395,859	804 998,801	18,132	17,665	65	64	79 515	2 449,273	24 591,606	10,040	9,573
16	15	99 088	42 070,961	760 602,943	18,079	17,612	66	65	77 714	2 269,009	22 142,333	9,759	9,291
17	16	99 054	39 863,954	718 531,982	18,025	17,557	67	66	75 796	2 097,643	19 873,324	9,474	9,007
18	17	99 015	37 770,834	678 668,028	17,968	17,501	68	67	73 774	1 935,240	17 775,681	9,185	8,718
19	18	98 964	35 783,278	640 897,195	17,911	17,443	69	68	71 648	1 781,498	15 840,441	8,892	8,424
20	19	98 908	33 898,609	605 113,916	17,851	17,384	70	69	69 422	1 636,156	14 058,943	8,593	8,125
21	20	98 851	32 112,846	571 215,307	17,788	17,321	71	70	67 076	1 498,444	12 422,787	8,290	7,823
22	21	98 795	30 421,425	539 102,461	17,721	17,254	72	71	64 582	1 367,523	10 924,343	7,988	7,521
23	22	98 737	28 818,491	508 681,037	17,651	17,184	73	72	62 016	1 244,725	9 556,820	7,678	7,211
24	23	98 678	27 300,046	479 862,546	17,577	17,110	74	73	59 328	1 128,692	8 312,096	7,364	6,897
25	24	98 617	25 860,737	452 562,500	17,500	17,033	75	74	56 516	1 019,141	7 183,404	7,048	6,581
26	25	98 557	24 497,695	426 701,763	17,418	16,951	76	75	53 588	915,964	6 164,263	6,730	6,263
27	26	98 495	23 205,819	402 204,068	17,332	16,865	77	76	50 543	818,885	5 248,299	6,409	5,942
28	27	98 433	21 982,226	378 998,248	17,241	16,774	78	77	47 434	728,444	4 429,414	6,081	5,613
29	28	98 367	20 822,228	357 016,022	17,146	16,679	79	78	44 228	643,801	3 700,970	5,749	5,281
30	29	98 295	19 722,277	336 193,794	17,046	16,579	80	79	40 896	564,266	3 057,169	5,418	4,951
31	30	98 219	18 679,618	316 471,517	16,942	16,475	81	80	37 425	489,454	2 492,903	5,093	4,626
32	31	98 135	17 690,639	297 791,899	16,833	16,366	82	81	33 859	419,738	2 003,450	4,773	4,306
33	32	98 043	16 752,738	280 101,260	16,720	16,253	83	82	30 236	355,281	1 583,711	4,458	3,990
34	33	97 941	15 862,909	263 348,522	16,602	16,134	84	83	26 539	295,578	1 228,430	4,156	3,689
35	34	97 838	15 020,104	247 485,613	16,477	16,010	85	84	22 828	240,992	932,853	3,871	3,404
36	35	97 727	14 220,885	232 465,509	16,347	15,880	86	85	19 194	192,063	691,861	3,602	3,135
37	36	97 595	13 461,319	218 244,624	16,213	15,746	87	86	15 740	149,297	499,797	3,348	2,880
38	37	97 451	12 740,738	204 783,305	16,073	15,606	88	87	12 540	112,743	350,500	3,109	2,642
39	38	97 303	12 058,167	192 042,567	15,926	15,459	89	88	9 640	82,149	237,757	2,894	2,427
40	39	97 137	11 410,019	179 984,400	15,774	15,307	90	89	7 136	57,639	155,608	2,700	2,233
41	40	96 954	10 794,771	168 574,381	15,616	15,149	91	90	5 077	38,868	97,970	2,521	2,053
42	41	96 752	10 210,698	157 779,610	15,452	14,985	92	91	3 461	25,116	59,102	2,353	1,886
43	42	96 544	9 657,612	147 568,912	15,280	14,813	93	92	2 240	15,410	33,986	2,205	1,738
44	43	96 312	9 132,162	137 911,300	15,102	14,635	94	93	1 374	8,956	18,576	2,074	1,607
45	44	96 059	8 633,330	128 779,138	14,917	14,449	95	94	793	4,900	9,621	1,964	1,496
46	45	95 788	8 160,146	120 145,808	14,723	14,256	96	95	433	2,537	4,721	1,860	1,393
47	46	95 488	7 710,478	111 985,662	14,524	14,057	97	96	221	1,229	2,183	1,776	1,309
48	47	95 152	7 282,835	104 275,183	14,318	13,851	98	97	106	0,560	0,954	1,703	1,236
49	48	94 779	6 876,099	96 992,348	14,106	13,639	99	98	49	0,243	0,394	1,623	1,155
							100	99	21	0,097	0,151	1,558	1,091

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	6 498,488	90 727,266	13,961	13,494
1							51	49	94 054	6 130,596	84 228,778	13,739	13,272
2	0	99 637	89 519,388	1 663 736,880	18,585	18,118	52	50	93 560	5 780,449	78 098,182	13,511	13,044
3	1	99 336	84 595,863	1 574 217,492	18,609	18,141	53	51	93 014	5 447,142	72 317,733	13,276	12,809
4	2	99 302	80 158,315	1 489 621,629	18,583	18,116	54	52	92 402	5 129,189	66 870,591	13,037	12,570
5	3	99 278	75 960,793	1 409 463,314	18,555	18,088	55	53	91 737	4 826,777	61 741,402	12,791	12,324
6	4	99 259	71 987,031	1 333 502,520	18,524	18,057	56	54	90 989	4 537,851	56 914,625	12,542	12,075
7	5	99 241	68 221,728	1 261 515,490	18,491	18,024	57	55	90 163	4 262,265	52 376,774	12,288	11,821
8	6	99 224	64 654,467	1 193 293,762	18,456	17,989	58	56	89 247	3 999,015	48 114,509	12,032	11,564
9	7	99 210	61 274,714	1 128 639,295	18,419	17,952	59	57	88 259	3 748,539	44 115,494	11,769	11,302
10	8	99 197	58 072,869	1 067 364,581	18,380	17,913	60	58	87 163	3 509,011	40 366,956	11,504	11,037
11	9	99 182	55 037,308	1 009 291,712	18,338	17,871	61	59	85 970	3 280,550	36 857,944	11,235	10,768
12	10	99 170	52 161,686	954 254,404	18,294	17,827	62	60	84 665	3 062,329	33 577,394	10,965	10,497
13	11	99 156	49 435,231	902 092,718	18,248	17,781	63	61	83 241	2 853,859	30 515,065	10,693	10,225
14	12	99 139	46 850,082	852 657,486	18,200	17,733	64	62	81 704	2 655,120	27 661,207	10,418	9,951
15	13	99 121	44 399,368	805 807,405	18,149	17,682	65	63	80 056	2 465,943	25 006,086	10,141	9,673
16	14	99 097	42 074,842	761 408,037	18,097	17,629	66	64	78 294	2 285,945	22 540,143	9,860	9,393
17	15	99 066	39 868,569	719 333,195	18,043	17,575	67	65	76 408	2 114,588	20 254,198	9,578	9,111
18	16	99 028	37 775,663	679 464,625	17,987	17,520	68	66	74 426	1 952,338	18 139,610	9,291	8,824
19	17	98 977	35 787,918	641 688,962	17,930	17,463	69	67	72 325	1 798,327	16 187,272	9,001	8,534
20	18	98 924	33 904,113	605 901,044	17,871	17,404	70	68	70 138	1 653,023	14 388,945	8,705	8,237
21	19	98 867	32 118,125	571 996,931	17,809	17,342	71	69	67 859	1 515,947	12 735,922	8,401	7,934
22	20	98 811	30 426,405	539 878,807	17,744	17,277	72	70	65 403	1 384,906	11 219,974	8,102	7,634
23	21	98 753	28 823,385	509 452,402	17,675	17,208	73	71	62 885	1 262,161	9 835,068	7,792	7,325
24	22	98 695	27 304,627	480 629,017	17,602	17,135	74	72	60 228	1 145,819	8 572,908	7,482	7,015
25	23	98 633	25 864,967	453 324,390	17,527	17,059	75	73	57 478	1 036,488	7 427,088	7,166	6,698
26	24	98 574	24 501,720	427 459,422	17,446	16,979	76	74	54 581	932,936	6 390,600	6,850	6,383
27	25	98 514	23 210,332	402 957,702	17,361	16,894	77	75	51 581	835,700	5 457,665	6,531	6,063
28	26	98 451	21 986,145	379 747,370	17,272	16,805	78	76	48 508	744,944	4 621,965	6,204	5,737
29	27	98 387	20 826,596	357 761,225	17,178	16,711	79	77	45 313	659,590	3 877,021	5,878	5,411
30	28	98 318	19 726,972	336 934,629	17,080	16,613	80	78	42 040	580,047	3 217,431	5,547	5,080
31	29	98 243	18 684,229	317 207,658	16,977	16,510	81	79	38 615	505,012	2 637,384	5,222	4,755
32	30	98 162	17 695,643	298 523,429	16,870	16,403	82	80	35 097	435,080	2 132,371	4,901	4,434
33	31	98 075	16 758,134	280 827,786	16,758	16,291	83	81	31 510	370,245	1 697,292	4,584	4,117
34	32	97 974	15 868,239	264 069,652	16,641	16,174	84	82	27 848	310,156	1 327,047	4,279	3,811
35	33	97 873	15 025,366	248 201,412	16,519	16,052	85	83	24 161	255,071	1 016,891	3,987	3,520
36	34	97 764	14 226,317	233 176,046	16,390	15,923	86	84	20 501	205,149	761,820	3,713	3,246
37	35	97 641	13 467,608	218 949,729	16,258	15,790	87	85	16 993	161,175	556,671	3,454	2,987
38	36	97 498	12 746,816	205 482,122	16,120	15,653	88	86	13 709	123,254	395,496	3,209	2,742
39	37	97 352	12 064,258	192 735,305	15,976	15,509	89	87	10 700	91,185	272,242	2,986	2,518
40	38	97 191	11 416,345	180 671,047	15,826	15,358	90	88	8 047	65,004	181,058	2,785	2,318
41	39	97 017	10 801,800	169 254,702	15,669	15,202	91	89	5 827	44,615	116,054	2,601	2,134
42	40	96 813	10 217,167	158 452,903	15,508	15,041	92	90	4 058	29,448	71,439	2,426	1,959
43	41	96 615	9 664,695	148 235,736	15,338	14,871	93	91	2 686	18,475	41,991	2,273	1,806
44	42	96 390	9 139,536	138 571,041	15,162	14,695	94	92	1 691	11,029	23,516	2,132	1,665
45	43	96 145	8 641,070	129 431,504	14,979	14,511	95	93	1 003	6,198	12,487	2,015	1,548
46	44	95 879	8 167,872	120 790,434	14,788	14,321	96	94	562	3,293	6,289	1,910	1,443
47	45	95 590	7 718,781	112 622,562	14,591	14,124	97	95	297	1,649	2,996	1,818	1,350
48	46	95 265	7 291,470	104 903,781	14,387	13,920	98	96	148	0,777	1,348	1,734	1,267
49	47	94 902	6 885,045	97 612,311	14,177	13,710	99	97	69	0,344	0,570	1,658	1,191
							100	98	30	0,142	0,226	1,589	1,122

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	6 506,943	91 288,846	14,029	13,562
1							51	48	94 197	6 139,911	84 781,903	13,808	13,341
2							52	49	93 718	5 790,200	78 641,991	13,582	13,115
3	0	99 624	84 841,213	1 575 271,847	18,567	18,100	53	50	93 186	5 457,205	72 851,791	13,350	12,882
4	1	99 324	80 176,147	1 490 430,634	18,589	18,122	54	51	92 594	5 139,862	67 394,587	13,112	12,645
5	2	99 291	75 970,776	1 410 254,487	18,563	18,096	55	52	91 939	4 837,441	62 254,725	12,869	12,402
6	3	99 269	71 994,209	1 334 283,711	18,533	18,066	56	53	91 215	4 549,126	57 417,284	12,622	12,154
7	4	99 250	68 228,008	1 262 289,502	18,501	18,034	57	54	90 412	4 274,037	52 868,158	12,370	11,902
8	5	99 231	64 658,860	1 194 061,494	18,467	18,000	58	55	89 526	4 011,500	48 594,121	12,114	11,647
9	6	99 217	61 279,188	1 129 402,633	18,430	17,963	59	56	88 558	3 761,258	44 582,621	11,853	11,386
10	7	99 202	58 075,635	1 068 123,445	18,392	17,925	60	57	87 492	3 522,242	40 821,363	11,590	11,122
11	8	99 189	55 041,275	1 010 047,810	18,351	17,884	61	58	86 330	3 294,299	37 299,121	11,322	10,855
12	9	99 175	52 164,459	955 006,535	18,308	17,840	62	59	85 059	3 076,587	34 004,822	11,053	10,586
13	10	99 161	49 437,980	902 842,076	18,262	17,795	63	60	83 670	2 868,565	30 928,235	10,782	10,315
14	11	99 147	46 853,685	853 404,097	18,214	17,747	64	61	82 163	2 670,036	28 059,670	10,509	10,042
15	12	99 127	44 402,174	806 550,412	18,165	17,697	65	62	80 549	2 481,133	25 389,634	10,233	9,766
16	13	99 105	42 078,168	762 148,238	18,113	17,645	66	63	78 827	2 301,503	22 908,502	9,954	9,487
17	14	99 075	39 872,247	720 070,070	18,059	17,592	67	64	76 979	2 130,372	20 606,998	9,673	9,206
18	15	99 039	37 780,037	680 197,822	18,004	17,537	68	65	75 027	1 968,110	18 476,627	9,388	8,921
19	16	98 989	35 792,494	642 417,786	17,948	17,481	69	66	72 964	1 814,215	16 508,516	9,100	8,632
20	17	98 937	33 908,009	606 625,292	17,890	17,423	70	67	70 800	1 668,638	14 694,301	8,806	8,339
21	18	98 883	32 123,339	572 716,783	17,829	17,361	71	68	68 559	1 531,575	13 025,663	8,505	8,038
22	19	98 827	30 431,407	540 593,444	17,764	17,297	72	69	66 167	1 401,083	11 494,087	8,204	7,737
23	20	98 769	28 828,104	510 162,037	17,697	17,230	73	70	63 684	1 278,205	10 093,000	7,896	7,429
24	21	98 712	27 309,264	481 333,933	17,625	17,158	74	71	61 072	1 161,870	8 814,800	7,587	7,120
25	22	98 650	25 869,308	454 024,669	17,551	17,084	75	72	58 350	1 052,216	7 652,930	7,273	6,806
26	23	98 590	24 505,728	428 155,361	17,472	17,004	76	73	55 510	948,815	6 600,713	6,957	6,490
27	24	98 530	23 214,145	403 649,633	17,388	16,921	77	74	52 537	851,185	5 651,898	6,640	6,173
28	25	98 470	21 990,420	380 435,488	17,300	16,833	78	75	49 504	760,240	4 800,714	6,315	5,848
29	26	98 405	20 830,309	358 445,067	17,208	16,741	79	76	46 339	674,530	4 040,474	5,990	5,523
30	27	98 339	19 731,110	337 614,759	17,111	16,644	80	77	43 071	594,273	3 365,944	5,664	5,197
31	28	98 266	18 688,677	317 883,648	17,009	16,542	81	78	39 695	519,137	2 771,670	5,339	4,872
32	29	98 187	17 700,010	299 194,972	16,904	16,436	82	79	36 213	448,910	2 252,534	5,018	4,551
33	30	98 102	16 762,874	281 494,961	16,793	16,326	83	80	32 661	383,777	1 803,624	4,700	4,232
34	31	98 006	15 873,351	264 732,087	16,678	16,211	84	81	29 020	323,219	1 419,847	4,393	3,926
35	32	97 905	15 030,415	248 858,736	16,557	16,090	85	82	25 353	267,651	1 096,628	4,097	3,630
36	33	97 799	14 231,301	233 828,321	16,431	15,963	86	83	21 699	217,134	828,977	3,818	3,351
37	34	97 678	13 472,752	219 597,020	16,299	15,832	87	84	18 150	172,156	611,842	3,554	3,087
38	35	97 543	12 752,771	206 124,269	16,163	15,696	88	85	14 800	133,060	439,686	3,304	2,837
39	36	97 399	12 070,014	193 371,498	16,021	15,554	89	86	11 698	99,686	306,627	3,076	2,609
40	37	97 240	11 422,112	181 301,484	15,873	15,406	90	87	8 933	72,154	206,941	2,868	2,401
41	38	97 071	10 807,788	169 879,371	15,718	15,251	91	88	6 572	50,316	134,787	2,679	2,212
42	39	96 876	10 223,819	159 071,583	15,559	15,092	92	89	4 658	33,802	84,471	2,499	2,032
43	40	96 676	9 670,818	148 847,764	15,391	14,924	93	90	3 149	21,662	50,669	2,339	1,872
44	41	96 461	9 146,240	139 176,946	15,217	14,750	94	91	2 028	13,223	29,007	2,194	1,727
45	42	96 223	8 648,047	130 030,706	15,036	14,569	95	92	1 235	7,632	15,785	2,068	1,601
46	43	95 965	8 175,194	121 382,658	14,848	14,380	96	93	711	4,166	8,153	1,957	1,490
47	44	95 681	7 726,089	113 207,464	14,653	14,185	97	94	385	2,140	3,987	1,863	1,396
48	45	95 368	7 299,321	105 481,375	14,451	13,984	98	95	198	1,042	1,847	1,772	1,305
49	46	95 015	6 893,208	98 182,053	14,243	13,776	99	96	96	0,477	0,805	1,686	1,219
							100	97	43	0,202	0,328	1,622	1,154

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	6 514,658	91 804,382	14,092	13,625
1							51	47	94 320	6 147,900	85 289,724	13,873	13,406
2							52	48	93 860	5 798,998	79 141,825	13,647	13,180
3							53	49	93 343	5 466,410	73 342,827	13,417	12,950
4	0	99 612	80 408,679	1 491 405,316	18,548	18,081	54	50	92 765	5 149,356	67 876,416	13,182	12,714
5	1	99 313	75 987,677	1 410 996,638	18,569	18,102	55	51	92 131	4 847,506	62 727,060	12,940	12,473
6	2	99 282	72 003,670	1 335 008,961	18,541	18,074	56	52	91 416	4 559,177	57 879,553	12,695	12,228
7	3	99 260	68 234,811	1 263 005,291	18,510	18,043	57	53	90 637	4 284,657	53 320,377	12,444	11,977
8	4	99 240	64 664,813	1 194 770,480	18,476	18,009	58	54	89 773	4 022,580	49 035,720	12,190	11,723
9	5	99 224	61 283,352	1 130 105,667	18,441	17,973	59	55	88 835	3 773,001	45 013,141	11,930	11,463
10	6	99 209	58 079,876	1 068 822,315	18,403	17,935	60	56	87 789	3 534,193	41 240,140	11,669	11,202
11	7	99 194	55 043,896	1 010 742,439	18,362	17,895	61	57	86 656	3 306,720	37 705,947	11,403	10,936
12	8	99 183	52 168,219	955 698,542	18,320	17,852	62	58	85 416	3 089,481	34 399,227	11,134	10,667
13	9	99 167	49 440,608	903 530,324	18,275	17,808	63	59	84 060	2 881,921	31 309,746	10,864	10,397
14	10	99 152	46 856,290	854 089,716	18,228	17,761	64	60	82 586	2 683,795	28 427,824	10,592	10,125
15	11	99 134	44 405,589	807 233,427	18,179	17,711	65	61	81 001	2 495,071	25 744,029	10,318	9,851
16	12	99 111	42 080,823	762 827,838	18,128	17,666	66	62	79 312	2 315,680	23 248,959	10,040	9,573
17	13	99 082	39 875,399	720 747,010	18,075	17,608	67	63	77 503	2 144,872	20 933,279	9,760	9,293
18	14	99 048	37 783,522	680 871,611	18,020	17,553	68	64	75 587	1 982,800	18 788,407	9,476	9,009
19	15	99 001	35 796,638	643 088,089	17,965	17,498	69	65	73 553	1 828,871	16 805,607	9,189	8,722
20	16	98 949	33 912,844	607 291,450	17,907	17,440	70	66	71 426	1 683,381	14 976,736	8,897	8,430
21	17	98 896	32 127,504	573 378,606	17,847	17,380	71	67	69 206	1 546,043	13 293,355	8,598	8,131
22	18	98 843	30 436,347	541 251,101	17,783	17,316	72	68	66 849	1 415,527	11 747,311	8,299	7,832
23	19	98 786	28 832,843	510 814,754	17,716	17,249	73	69	64 428	1 293,135	10 331,784	7,990	7,523
24	20	98 728	27 313,735	481 981,911	17,646	17,179	74	70	61 848	1 176,639	9 038,649	7,682	7,215
25	21	98 667	25 873,701	454 668,176	17,573	17,105	75	71	59 167	1 066,956	7 862,010	7,369	6,901
26	22	98 606	24 509,841	428 794,475	17,495	17,028	76	72	56 352	963,213	6 795,054	7,055	6,587
27	23	98 546	23 217,943	404 284,635	17,413	16,945	77	73	53 431	865,672	5 831,841	6,737	6,270
28	24	98 486	21 994,033	381 066,692	17,326	16,859	78	74	50 422	774,326	4 966,169	6,414	5,946
29	25	98 424	20 834,359	359 072,659	17,235	16,767	79	75	47 290	688,381	4 191,842	6,089	5,622
30	26	98 356	19 734,628	338 238,300	17,139	16,672	80	76	44 046	607,734	3 503,462	5,765	5,298
31	27	98 287	18 692,597	318 503,672	17,039	16,572	81	77	40 668	531,869	2 895,728	5,444	4,977
32	28	98 210	17 704,224	299 811,075	16,934	16,467	82	78	37 226	461,465	2 363,859	5,123	4,655
33	29	98 127	16 767,012	282 106,851	16,825	16,358	83	79	33 700	395,977	1 902,394	4,804	4,337
34	30	98 034	15 877,841	265 339,839	16,711	16,244	84	80	30 081	335,032	1 506,417	4,496	4,029
35	31	97 937	15 035,257	249 461,998	16,592	16,125	85	81	26 421	278,924	1 171,385	4,200	3,732
36	32	97 832	14 236,083	234 426,742	16,467	16,000	86	82	22 769	227,844	892,461	3,917	3,450
37	33	97 712	13 477,472	220 190,659	16,338	15,870	87	83	19 211	182,213	664,617	3,647	3,180
38	34	97 581	12 757,642	206 713,187	16,203	15,736	88	84	15 808	142,125	482,404	3,394	2,927
39	35	97 444	12 075,653	193 955,545	16,062	15,595	89	85	12 628	107,617	340,278	3,162	2,695
40	36	97 286	11 427,562	181 879,893	15,916	15,449	90	86	9 765	78,881	232,662	2,950	2,482
41	37	97 120	10 813,248	170 452,331	15,763	15,296	91	87	7 295	55,850	153,781	2,753	2,286
42	38	96 930	10 229,487	159 639,083	15,606	15,139	92	88	5 253	38,121	97,931	2,569	2,102
43	39	96 739	9 677,115	149 409,596	15,439	14,972	93	89	3 615	24,865	59,810	2,405	1,938
44	40	96 522	9 152,035	139 732,481	15,268	14,801	94	90	2 378	15,503	34,945	2,254	1,787
45	41	96 294	8 654,391	130 580,447	15,088	14,621	95	91	1 481	9,151	19,441	2,125	1,657
46	42	96 042	8 181,796	121 926,056	14,902	14,435	96	92	876	5,130	10,291	2,006	1,539
47	43	95 767	7 733,015	113 744,260	14,709	14,242	97	93	487	2,706	5,161	1,907	1,440
48	44	95 458	7 306,232	106 011,245	14,510	14,043	98	94	257	1,353	2,455	1,815	1,347
49	45	95 117	6 900,631	98 705,012	14,304	13,837	99	95	128	0,640	1,102	1,721	1,254
							100	96	59	0,280	0,462	1,648	1,180

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	6 521,673	92 277,150	14,149	13,682
1							51	46	94 431	6 155,188	85 755,477	13,932	13,465
2							52	47	93 982	5 806,543	79 600,289	13,709	13,242
3							53	48	93 485	5 474,716	73 793,746	13,479	13,012
4							54	49	92 922	5 158,043	68 319,030	13,245	12,778
5	0	99 601	76 208,061	1 411 897,395	18,527	18,060	55	50	92 301	4 856,461	63 160,987	13,006	12,538
6	1	99 304	72 019,688	1 335 689,334	18,546	18,079	56	51	91 607	4 568,663	58 304,525	12,762	12,295
7	2	99 273	68 243,779	1 263 669,646	18,517	18,050	57	52	90 837	4 294,123	53 735,862	12,514	12,047
8	3	99 250	64 671,261	1 195 425,867	18,485	18,017	58	53	89 996	4 032,575	49 441,739	12,261	11,793
9	4	99 233	61 288,994	1 130 754,606	18,450	17,982	59	54	89 080	3 783,421	45 409,165	12,002	11,535
10	5	99 216	58 083,822	1 069 465,613	18,412	17,945	60	55	88 063	3 545,227	41 625,743	11,741	11,274
11	6	99 201	55 047,916	1 011 381,790	18,373	17,906	61	56	86 950	3 317,940	38 080,516	11,477	11,010
12	7	99 187	52 170,703	956 333,875	18,331	17,864	62	57	85 738	3 101,130	34 762,576	11,210	10,742
13	8	99 174	49 444,171	904 163,171	18,287	17,819	63	58	84 412	2 894,000	31 661,446	10,940	10,473
14	9	99 157	46 858,780	854 719,000	18,240	17,773	64	59	82 971	2 696,291	28 767,447	10,669	10,202
15	10	99 140	44 408,058	807 860,220	18,192	17,725	65	60	81 419	2 507,928	26 071,156	10,395	9,928
16	11	99 119	42 084,064	763 452,162	18,141	17,674	66	61	79 758	2 328,688	23 563,227	10,119	9,651
17	12	99 089	39 877,919	721 368,098	18,089	17,622	67	62	77 980	2 158,083	21 234,539	9,840	9,372
18	13	99 056	37 786,509	681 490,179	18,035	17,568	68	63	76 101	1 996,296	19 076,456	9,556	9,089
19	14	99 010	35 799,941	643 703,670	17,981	17,513	69	64	74 102	1 842,522	17 080,160	9,270	8,803
20	15	98 961	33 916,771	607 903,729	17,923	17,456	70	65	72 003	1 696,980	15 237,638	8,979	8,512
21	16	98 909	32 131,612	573 986,958	17,864	17,396	71	66	69 818	1 559,703	13 540,658	8,682	8,214
22	17	98 856	30 440,294	541 855,346	17,801	17,333	72	67	67 481	1 428,899	11 980,955	8,385	7,918
23	18	98 802	28 837,524	511 415,052	17,734	17,267	73	68	65 092	1 306,467	10 552,057	8,077	7,610
24	19	98 744	27 318,225	482 577,528	17,665	17,198	74	69	62 570	1 190,383	9 245,590	7,767	7,300
25	20	98 683	25 877,937	455 259,303	17,593	17,125	75	70	59 919	1 080,518	8 055,207	7,455	6,988
26	21	98 623	24 514,003	429 381,367	17,516	17,049	76	71	57 141	976,706	6 974,689	7,141	6,674
27	22	98 563	23 221,839	404 867,364	17,435	16,968	77	72	54 242	878,809	5 997,983	6,825	6,358
28	23	98 502	21 997,631	381 645,525	17,349	16,882	78	73	51 280	787,506	5 119,174	6,500	6,033
29	24	98 440	20 837,782	359 647,894	17,259	16,792	79	74	48 167	701,136	4 331,668	6,178	5,711
30	25	98 376	19 738,465	338 810,112	17,165	16,698	80	75	44 951	620,213	3 630,532	5,854	5,387
31	26	98 304	18 695,930	319 071,646	17,066	16,599	81	76	41 589	543,916	3 010,320	5,535	5,067
32	27	98 231	17 707,938	300 375,717	16,963	16,496	82	77	38 138	472,783	2 466,404	5,217	4,750
33	28	98 150	16 771,003	282 667,778	16,855	16,387	83	78	34 642	407,051	1 993,621	4,898	4,431
34	29	98 058	15 881,760	265 896,775	16,742	16,275	84	79	31 037	345,682	1 586,569	4,590	4,122
35	30	97 965	15 039,509	250 015,015	16,624	16,157	85	80	27 386	289,119	1 240,887	4,292	3,825
36	31	97 863	14 240,668	234 975,506	16,500	16,033	86	81	23 728	237,440	951,768	4,008	3,541
37	32	97 745	13 482,001	220 734,838	16,373	15,905	87	82	20 158	191,200	714,328	3,736	3,269
38	33	97 615	12 762,111	207 252,837	16,240	15,773	88	83	16 732	150,429	523,128	3,478	3,010
39	34	97 482	12 080,265	194 490,726	16,100	15,633	89	84	13 489	114,949	372,700	3,242	2,775
40	35	97 332	11 432,900	182 410,461	15,955	15,488	90	85	10 542	85,156	257,751	3,027	2,560
41	36	97 166	10 818,407	170 977,561	15,804	15,337	91	86	7 975	61,057	172,595	2,827	2,360
42	37	96 979	10 234,655	160 159,154	15,649	15,182	92	87	5 831	42,314	111,538	2,636	2,169
43	38	96 793	9 682,480	149 924,499	15,484	15,017	93	88	4 077	28,042	69,223	2,469	2,001
44	39	96 585	9 157,993	140 242,019	15,314	14,846	94	89	2 729	17,796	41,181	2,314	1,847
45	40	96 355	8 659,873	131 084,026	15,137	14,670	95	90	1 736	10,729	23,386	2,180	1,712
46	41	96 113	8 187,797	122 424,153	14,952	14,485	96	91	1 050	6,150	12,657	2,058	1,591
47	42	95 844	7 739,260	114 236,355	14,761	14,293	97	92	600	3,333	6,506	1,952	1,485
48	43	95 543	7 312,782	106 497,096	14,563	14,096	98	93	325	1,711	3,174	1,855	1,387
49	44	95 207	6 907,164	99 184,313	14,360	13,892	99	94	167	0,831	1,462	1,760	1,293
							100	95	79	0,376	0,631	1,680	1,213

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	6 527,847	92 710,103	14,202	13,735
1							51	45	94 533	6 161,816	86 182,256	13,987	13,519
2							52	46	94 094	5 813,427	80 020,440	13,765	13,298
3							53	47	93 607	5 481,839	74 207,013	13,537	13,070
4							54	48	93 063	5 165,880	68 725,174	13,304	12,836
5							55	49	92 456	4 864,654	63 559,293	13,066	12,598
6	0	99 592	72 228,564	1 336 521,606	18,504	18,037	56	50	91 776	4 577,103	58 694,640	12,824	12,356
7	1	99 295	68 258,960	1 264 293,042	18,522	18,055	57	51	91 026	4 303,058	54 117,537	12,577	12,109
8	2	99 263	64 679,760	1 196 034,082	18,492	18,024	58	52	90 195	4 041,484	49 814,478	12,326	11,859
9	3	99 243	61 295,105	1 131 354,322	18,457	17,990	59	53	89 301	3 792,822	45 772,995	12,068	11,601
10	4	99 225	58 089,170	1 070 059,217	18,421	17,954	60	54	88 306	3 555,019	41 980,173	11,809	11,342
11	5	99 208	55 051,656	1 011 970,048	18,382	17,915	61	55	87 221	3 328,299	38 425,154	11,545	11,078
12	6	99 195	52 174,513	956 918,392	18,341	17,874	62	56	86 029	3 111,652	35 096,855	11,279	10,812
13	7	99 179	49 446,526	904 743,879	18,297	17,830	63	57	84 730	2 904,911	31 985,203	11,011	10,544
14	8	99 165	46 862,157	855 297,353	18,251	17,784	64	58	83 318	2 707,591	29 080,291	10,740	10,273
15	9	99 145	44 410,418	808 435,195	18,204	17,737	65	59	81 798	2 519,605	26 372,700	10,467	10,000
16	10	99 125	42 086,404	764 024,777	18,154	17,687	66	60	80 169	2 340,689	23 853,095	10,191	9,723
17	11	99 096	39 880,986	721 938,373	18,102	17,635	67	61	78 418	2 170,206	21 512,406	9,913	9,445
18	12	99 062	37 788,897	682 057,387	18,049	17,582	68	62	76 570	2 008,592	19 342,200	9,630	9,163
19	13	99 018	35 802,771	644 268,490	17,995	17,528	69	63	74 607	1 855,063	17 333,608	9,344	8,877
20	14	98 970	33 919,900	608 465,719	17,938	17,471	70	64	72 540	1 709,646	15 478,545	9,054	8,586
21	15	98 920	32 135,332	574 545,819	17,879	17,412	71	65	70 382	1 572,303	13 768,899	8,757	8,290
22	16	98 869	30 444,186	542 410,486	17,817	17,349	72	66	68 077	1 441,523	12 196,596	8,461	7,994
23	17	98 815	28 841,263	511 966,300	17,751	17,284	73	67	65 707	1 318,808	10 755,073	8,155	7,688
24	18	98 760	27 322,660	483 125,037	17,682	17,215	74	68	63 215	1 202,655	9 436,265	7,846	7,379
25	19	98 699	25 882,191	455 802,377	17,611	17,143	75	69	60 619	1 093,140	8 233,610	7,532	7,065
26	20	98 639	24 518,016	429 920,186	17,535	17,068	76	70	57 868	989,121	7 140,470	7,219	6,752
27	21	98 580	23 225,782	405 402,170	17,455	16,988	77	71	55 002	891,119	6 151,349	6,903	6,436
28	22	98 518	22 001,322	382 176,388	17,371	16,903	78	72	52 058	799,456	5 260,230	6,580	6,113
29	23	98 456	20 841,191	360 175,065	17,282	16,815	79	73	48 986	713,070	4 460,773	6,256	5,789
30	24	98 392	19 741,708	339 333,874	17,189	16,721	80	74	45 784	631,705	3 747,704	5,933	5,465
31	25	98 324	18 699,565	319 592,166	17,091	16,624	81	75	42 443	555,084	3 115,999	5,614	5,146
32	26	98 248	17 711,095	300 892,601	16,989	16,522	82	76	39 002	483,492	2 560,915	5,297	4,830
33	27	98 171	16 774,522	283 181,506	16,882	16,414	83	77	35 492	417,035	2 077,423	4,981	4,514
34	28	98 081	15 885,540	266 406,984	16,770	16,303	84	78	31 905	355,350	1 660,389	4,673	4,205
35	29	97 989	15 043,222	250 521,444	16,653	16,186	85	79	28 257	298,309	1 305,038	4,375	3,908
36	30	97 891	14 244,696	235 478,222	16,531	16,064	86	80	24 595	246,118	1 006,729	4,090	3,623
37	31	97 777	13 486,343	221 233,526	16,404	15,937	87	81	21 007	199,253	760,611	3,817	3,350
38	32	97 648	12 766,400	207 747,183	16,273	15,806	88	82	17 557	157,848	561,358	3,556	3,089
39	33	97 516	12 084,497	194 980,783	16,135	15,668	89	83	14 277	121,664	403,510	3,317	2,849
40	34	97 369	11 437,267	182 896,286	15,991	15,524	90	84	11 261	90,958	281,845	3,099	2,631
41	35	97 211	10 823,461	171 459,019	15,841	15,374	91	85	8 609	65,914	190,887	2,896	2,429
42	36	97 025	10 239,537	160 635,558	15,688	15,221	92	86	6 374	46,259	124,973	2,702	2,234
43	37	96 842	9 687,371	150 396,021	15,525	15,058	93	87	4 525	31,127	78,714	2,529	2,062
44	38	96 638	9 163,070	140 708,649	15,356	14,889	94	88	3 078	20,070	47,587	2,371	1,904
45	39	96 417	8 665,512	131 545,579	15,180	14,713	95	89	1 993	12,315	27,517	2,234	1,767
46	40	96 173	8 192,984	122 880,067	14,998	14,531	96	90	1 231	7,211	15,202	2,108	1,641
47	41	95 914	7 744,936	114 687,083	14,808	14,341	97	91	720	3,996	7,991	2,000	1,533
48	42	95 621	7 318,687	106 942,146	14,612	14,145	98	92	420	2,107	3,995	1,896	1,429
49	43	95 293	6 913,356	99 623,459	14,410	13,943	99	93	211	1,051	1,888	1,796	1,329
							100	94	103	0,488	0,837	1,716	1,249

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	6 533,699	93 106,531	14,250	13,783
1							51	44	94 623	6 167,650	86 572,831	14,037	13,569
2							52	45	94 195	5 819,687	80 405,181	13,816	13,349
3							53	46	93 718	5 488,338	74 585,494	13,590	13,123
4							54	47	93 184	5 172,601	69 097,156	13,358	12,891
5							55	48	92 597	4 872,045	63 924,555	13,121	12,653
6							56	49	91 931	4 584,824	59 052,510	12,880	12,413
7	0	99 583	68 456,929	1 265 061,949	18,480	18,012	57	50	91 195	4 311,007	54 467,685	12,635	12,167
8	1	99 285	64 694,149	1 196 605,020	18,496	18,029	58	51	90 383	4 049,893	50 156,678	12,385	11,918
9	2	99 256	61 303,160	1 131 910,871	18,464	17,997	59	52	89 499	3 801,202	46 106,785	12,130	11,662
10	3	99 235	58 094,962	1 070 607,711	18,429	17,961	60	53	88 525	3 563,852	42 305,583	11,871	11,404
11	4	99 217	55 056,724	1 012 512,749	18,390	17,923	61	54	87 462	3 337,491	38 741,731	11,608	11,141
12	5	99 201	52 178,058	957 456,025	18,350	17,883	62	55	86 297	3 121,367	35 404,240	11,343	10,875
13	6	99 186	49 450,137	905 277,967	18,307	17,840	63	56	85 018	2 914,768	32 282,873	11,076	10,608
14	7	99 169	46 864,390	855 827,831	18,262	17,795	64	57	83 632	2 717,800	29 368,105	10,806	10,339
15	8	99 152	44 413,619	808 963,441	18,214	17,747	65	58	82 141	2 530,165	26 650,305	10,533	10,066
16	9	99 130	42 088,641	764 549,822	18,165	17,698	66	59	80 542	2 351,587	24 120,140	10,257	9,790
17	10	99 102	39 883,204	722 461,181	18,114	17,647	67	60	78 822	2 181,390	21 768,553	9,979	9,512
18	11	99 070	37 791,803	682 577,978	18,062	17,594	68	61	77 000	2 019,875	19 587,163	9,697	9,230
19	12	99 024	35 805,033	644 786,174	18,008	17,541	69	62	75 066	1 866,489	17 567,287	9,412	8,945
20	13	98 978	33 922,581	608 981,141	17,952	17,485	70	63	73 034	1 721,283	15 700,798	9,122	8,654
21	14	98 929	32 138,297	575 058,559	17,893	17,426	71	64	70 907	1 584,038	13 979,516	8,825	8,358
22	15	98 880	30 447,711	542 920,262	17,831	17,364	72	65	68 627	1 453,169	12 395,477	8,530	8,063
23	16	98 827	28 844,951	512 472,551	17,766	17,299	73	66	66 287	1 330,460	10 942,309	8,224	7,757
24	17	98 773	27 326,203	483 627,600	17,698	17,231	74	67	63 813	1 214,016	9 611,849	7,917	7,450
25	18	98 715	25 886,393	456 301,397	17,627	17,160	75	68	61 244	1 104,409	8 397,833	7,604	7,137
26	19	98 655	24 522,047	430 415,005	17,552	17,085	76	69	58 544	1 000,675	7 293,424	7,289	6,821
27	20	98 596	23 229,585	405 892,958	17,473	17,006	77	70	55 701	902,446	6 292,749	6,973	6,506
28	21	98 535	22 005,059	382 663,373	17,390	16,923	78	71	52 787	810,655	5 390,302	6,649	6,182
29	22	98 473	20 844,688	360 658,314	17,302	16,835	79	72	49 730	723,890	4 579,647	6,326	5,859
30	23	98 408	19 744,938	339 813,626	17,210	16,743	80	73	46 563	642,457	3 855,757	6,002	5,534
31	24	98 340	18 702,638	320 068,688	17,114	16,646	81	74	43 230	565,369	3 213,300	5,684	5,216
32	25	98 267	17 714,539	301 366,051	17,012	16,545	82	75	39 803	493,419	2 647,930	5,366	4,899
33	26	98 188	16 777,512	283 651,512	16,907	16,439	83	76	36 296	426,481	2 154,511	5,052	4,585
34	27	98 102	15 888,873	266 874,000	16,796	16,329	84	77	32 688	364,066	1 728,031	4,746	4,279
35	28	98 012	15 046,803	250 985,127	16,680	16,213	85	78	29 047	306,652	1 363,965	4,448	3,981
36	29	97 915	14 248,212	235 938,324	16,559	16,092	86	79	25 377	253,942	1 057,312	4,164	3,696
37	30	97 804	13 490,158	221 690,112	16,433	15,966	87	80	21 775	206,536	803,371	3,890	3,423
38	31	97 679	12 770,512	208 199,954	16,303	15,836	88	81	18 297	164,496	596,835	3,628	3,161
39	32	97 548	12 088,558	195 429,442	16,166	15,699	89	82	14 981	127,665	432,339	3,387	2,919
40	33	97 403	11 441,274	183 340,884	16,025	15,557	90	83	11 918	96,272	304,674	3,165	2,698
41	34	97 248	10 827,595	171 899,610	15,876	15,409	91	84	9 196	70,405	208,402	2,960	2,493
42	35	97 070	10 244,321	161 072,016	15,723	15,256	92	85	6 881	49,940	137,997	2,763	2,296
43	36	96 888	9 691,993	150 827,695	15,562	15,095	93	86	4 947	34,029	88,057	2,588	2,121
44	37	96 687	9 167,700	141 135,702	15,395	14,928	94	87	3 417	22,277	54,028	2,425	1,958
45	38	96 471	8 670,316	131 968,002	15,221	14,753	95	88	2 247	13,889	31,751	2,286	1,819
46	39	96 236	8 198,319	123 297,686	15,039	14,572	96	89	1 413	8,277	17,863	2,158	1,691
47	40	95 975	7 749,843	115 099,368	14,852	14,385	97	90	844	4,685	9,585	2,046	1,579
48	41	95 691	7 324,055	107 349,525	14,657	14,190	98	91	480	2,526	4,900	1,939	1,472
49	42	95 370	6 918,938	100 025,469	14,457	13,990	99	92	259	1,294	2,374	1,834	1,367
							100	93	130	0,617	1,079	1,749	1,282

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	6 538,975	93 469,243	14,294	13,827
1							51	43	94 707	6 173,179	86 930,267	14,082	13,615
2							52	44	94 284	5 825,197	80 757,088	13,863	13,396
3							53	45	93 819	5 494,248	74 931,891	13,638	13,171
4							54	46	93 295	5 178,734	69 437,643	13,408	12,941
5							55	47	92 717	4 878,384	64 258,909	13,172	12,705
6							56	48	92 070	4 591,791	59 380,525	12,932	12,465
7							57	49	91 348	4 318,280	54 788,735	12,688	12,220
8	0	99 573	64 881,778	1 197 315,360	18,454	17,987	58	50	90 550	4 057,375	50 470,455	12,439	11,972
9	1	99 278	61 316,798	1 132 433,582	18,469	18,001	59	51	89 685	3 809,111	46 413,080	12,185	11,718
10	2	99 248	58 102,597	1 071 116,784	18,435	17,968	60	52	88 721	3 571,726	42 603,969	11,928	11,461
11	3	99 227	55 062,214	1 013 014,187	18,398	17,930	61	53	87 679	3 345,784	39 032,243	11,666	11,199
12	4	99 210	52 182,862	957 951,973	18,358	17,890	62	54	86 536	3 129,988	35 686,460	11,401	10,934
13	5	99 193	49 453,497	905 769,112	18,316	17,848	63	55	85 283	2 923,868	32 556,472	11,135	10,668
14	6	99 177	46 867,812	856 315,615	18,271	17,804	64	56	83 916	2 727,022	29 632,603	10,866	10,399
15	7	99 157	44 415,735	809 447,803	18,224	17,757	65	57	82 450	2 539,705	26 905,582	10,594	10,127
16	8	99 137	42 091,674	765 032,069	18,175	17,708	66	58	80 880	2 361,443	24 365,877	10,318	9,851
17	9	99 107	39 885,324	722 940,394	18,125	17,658	67	59	79 189	2 191,547	22 004,434	10,041	9,573
18	10	99 075	37 793,904	683 055,071	18,073	17,606	68	60	77 397	2 030,284	19 812,888	9,759	9,291
19	11	99 032	35 807,787	645 261,166	18,020	17,553	69	61	75 488	1 876,975	17 782,603	9,474	9,007
20	12	98 984	33 924,725	609 453,379	17,965	17,498	70	62	73 484	1 731,885	15 905,629	9,184	8,717
21	13	98 937	32 140,838	575 528,654	17,906	17,439	71	63	71 390	1 594,820	14 173,744	8,887	8,420
22	14	98 889	30 450,520	543 387,816	17,845	17,378	72	64	69 139	1 464,015	12 578,924	8,592	8,125
23	15	98 839	28 848,290	512 937,296	17,781	17,313	73	65	66 823	1 341,208	11 114,909	8,287	7,820
24	16	98 786	27 329,697	484 089,006	17,713	17,246	74	66	64 376	1 224,742	9 773,701	7,980	7,513
25	17	98 728	25 889,750	456 759,309	17,642	17,175	75	67	61 823	1 114,842	8 548,960	7,668	7,201
26	18	98 671	24 526,028	430 869,559	17,568	17,101	76	68	59 147	1 010,991	7 434,117	7,353	6,886
27	19	98 612	23 233,404	406 343,532	17,490	17,022	77	69	56 351	912,988	6 423,126	7,035	6,568
28	20	98 551	22 008,661	383 110,128	17,407	16,940	78	70	53 458	820,959	5 510,138	6,712	6,245
29	21	98 490	20 848,228	361 101,467	17,320	16,853	79	71	50 426	734,031	4 689,179	6,388	5,921
30	22	98 424	19 748,251	340 253,239	17,230	16,762	80	72	47 270	652,206	3 955,148	6,064	5,597
31	23	98 356	18 705,697	320 504,988	17,134	16,667	81	73	43 965	574,992	3 302,942	5,744	5,277
32	24	98 283	17 717,449	301 799,291	17,034	16,567	82	74	40 541	502,562	2 727,950	5,428	4,961
33	25	98 207	16 780,775	284 081,841	16,929	16,462	83	75	37 041	435,238	2 225,388	5,113	4,646
34	26	98 119	15 891,706	267 301,067	16,820	16,353	84	76	33 428	372,312	1 790,150	4,808	4,341
35	27	98 033	15 049,959	251 409,361	16,705	16,238	85	77	29 760	314,173	1 417,838	4,513	4,046
36	28	97 938	14 251,604	236 359,402	16,585	16,118	86	78	26 087	261,044	1 103,665	4,228	3,761
37	29	97 828	13 493,488	222 107,798	16,460	15,993	87	79	22 467	213,101	842,621	3,954	3,487
38	30	97 707	12 774,124	208 614,310	16,331	15,864	88	80	18 965	170,508	629,519	3,692	3,225
39	31	97 580	12 092,452	195 840,186	16,195	15,728	89	81	15 612	133,042	459,011	3,450	2,983
40	32	97 436	11 445,118	183 747,734	16,055	15,587	90	82	12 506	101,020	325,969	3,227	2,760
41	33	97 283	10 831,388	172 302,616	15,908	15,441	91	83	9 733	74,518	224,949	3,019	2,552
42	34	97 107	10 248,234	161 471,228	15,756	15,289	92	84	7 350	53,342	150,431	2,820	2,353
43	35	96 933	9 696,521	151 222,994	15,596	15,128	93	85	5 340	36,736	97,089	2,643	2,176
44	36	96 733	9 172,073	141 526,473	15,430	14,963	94	86	3 735	24,354	60,353	2,478	2,011
45	37	96 519	8 674,696	132 354,400	15,258	14,790	95	87	2 494	15,417	35,999	2,335	1,868
46	38	96 289	8 202,864	123 679,704	15,078	14,610	96	88	1 593	9,335	20,582	2,205	1,738
47	39	96 038	7 754,889	115 476,840	14,891	14,424	97	89	968	5,378	11,247	2,091	1,624
48	40	95 751	7 328,695	107 721,951	14,699	14,231	98	90	563	2,962	5,870	1,981	1,514
49	41	95 440	6 924,013	100 393,256	14,499	14,032	99	91	311	1,552	2,907	1,873	1,406
							100	92	161	0,760	1,355	1,784	1,317

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	6 543,772	93 800,933	14,334	13,867
1							51	42	94 784	6 178,164	87 257,162	14,123	13,656
2							52	43	94 369	5 830,419	81 078,997	13,906	13,439
3							53	44	93 907	5 499,450	75 248,578	13,683	13,216
4							54	45	93 395	5 184,310	69 749,128	13,454	12,987
5							55	46	92 827	4 884,168	64 564,818	13,219	12,752
6							56	47	92 190	4 597,765	59 680,650	12,980	12,513
7							57	48	91 487	4 324,841	55 082,886	12,736	12,269
8							58	49	90 703	4 064,219	50 758,045	12,489	12,022
9	0	99 566	61 494,632	1 133 089,840	18,426	17,959	59	50	89 850	3 816,148	46 693,826	12,236	11,769
10	1	99 270	58 115,522	1 071 595,208	18,439	17,972	60	51	88 905	3 579,158	42 877,678	11,980	11,513
11	2	99 240	55 069,450	1 013 479,685	18,404	17,936	61	52	87 873	3 353,176	39 298,520	11,720	11,253
12	3	99 220	52 188,065	958 410,235	18,365	17,897	62	53	86 751	3 137,765	35 945,344	11,456	10,989
13	4	99 202	49 458,049	906 222,170	18,323	17,856	63	54	85 519	2 931,943	32 807,579	11,190	10,723
14	5	99 183	46 870,996	856 764,121	18,279	17,812	64	55	84 178	2 735,536	29 875,636	10,921	10,454
15	6	99 164	44 418,978	809 893,125	18,233	17,766	65	56	82 730	2 548,322	27 140,100	10,650	10,183
16	7	99 142	42 093,679	765 474,147	18,185	17,718	66	57	81 185	2 370,346	24 591,778	10,375	9,908
17	8	99 114	39 888,198	723 380,468	18,135	17,668	67	58	79 521	2 200,731	22 221,431	10,097	9,630
18	9	99 081	37 795,913	683 492,270	18,084	17,617	68	59	77 757	2 039,737	20 020,700	9,815	9,348
19	10	99 037	35 809,778	645 696,356	18,031	17,564	69	60	75 877	1 886,647	17 980,963	9,531	9,063
20	11	98 992	33 927,335	609 886,578	17,976	17,509	70	61	73 897	1 741,614	16 094,316	9,241	8,774
21	12	98 943	32 142,869	575 959,244	17,919	17,452	71	62	71 830	1 604,643	14 352,702	8,944	8,477
22	13	98 897	30 452,927	543 816,375	17,858	17,390	72	63	69 610	1 473,980	12 748,058	8,649	8,182
23	14	98 848	28 850,952	513 363,448	17,794	17,326	73	64	67 322	1 351,219	11 274,079	8,344	7,876
24	15	98 797	27 332,861	484 512,496	17,726	17,259	74	65	64 896	1 234,636	9 922,860	8,037	7,570
25	16	98 740	25 893,060	457 179,634	17,656	17,189	75	66	62 369	1 124,692	8 688,224	7,725	7,258
26	17	98 684	24 529,208	431 286,575	17,583	17,115	76	67	59 706	1 020,541	7 563,533	7,411	6,944
27	18	98 628	23 237,175	406 757,367	17,505	17,037	77	68	56 932	922,400	6 542,991	7,093	6,626
28	19	98 568	22 012,279	383 520,191	17,423	16,956	78	69	54 083	830,549	5 620,591	6,767	6,300
29	20	98 506	20 851,641	361 507,912	17,337	16,870	79	70	51 067	743,361	4 790,042	6,444	5,977
30	21	98 441	19 751,605	340 656,271	17,247	16,780	80	71	47 932	661,342	4 046,681	6,119	5,652
31	22	98 372	18 708,836	320 904,666	17,153	16,685	81	72	44 633	583,718	3 385,339	5,800	5,332
32	23	98 299	17 720,348	302 195,830	17,054	16,586	82	73	41 231	511,116	2 801,621	5,481	5,014
33	24	98 223	16 783,532	284 475,482	16,950	16,482	83	74	37 727	443,302	2 290,505	5,167	4,700
34	25	98 138	15 894,796	267 691,951	16,841	16,374	84	75	34 115	379,957	1 847,202	4,862	4,394
35	26	98 050	15 052,642	251 797,155	16,728	16,261	85	76	30 434	321,289	1 467,246	4,567	4,100
36	27	97 959	14 254,594	236 744,513	16,608	16,141	86	77	26 727	267,446	1 145,956	4,285	3,818
37	28	97 852	13 496,700	222 489,919	16,485	16,018	87	78	23 096	219,061	878,510	4,010	3,543
38	29	97 731	12 777,277	208 993,219	16,357	15,889	88	79	19 568	175,928	659,449	3,748	3,281
39	30	97 607	12 095,872	196 215,942	16,222	15,755	89	80	16 183	137,905	483,520	3,506	3,039
40	31	97 467	11 448,805	184 120,070	16,082	15,615	90	81	13 033	105,275	345,616	3,283	2,816
41	32	97 315	10 835,028	172 671,265	15,936	15,469	91	82	10 213	78,194	240,341	3,074	2,606
42	33	97 141	10 251,824	161 836,237	15,786	15,319	92	83	7 780	56,459	162,147	2,872	2,405
43	34	96 970	9 700,224	151 584,413	15,627	15,160	93	84	5 704	39,239	105,689	2,693	2,226
44	35	96 778	9 176,358	141 884,189	15,462	14,995	94	85	4 032	26,291	66,450	2,527	2,060
45	36	96 566	8 678,835	132 707,831	15,291	14,824	95	86	2 727	16,854	40,158	2,383	1,916
46	37	96 338	8 207,008	124 028,996	15,113	14,645	96	87	1 769	10,362	23,305	2,249	1,782
47	38	96 091	7 759,188	115 821,988	14,927	14,460	97	88	1 092	6,065	12,943	2,134	1,667
48	39	95 814	7 333,467	108 062,800	14,736	14,268	98	89	646	3,400	6,878	2,023	1,556
49	40	95 500	6 928,400	100 729,333	14,539	14,071	99	90	365	1,819	3,478	1,911	1,444
							100	91	193	0,911	1,658	1,820	1,353

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	40	95 220	6 547,917	94 103,906	14,372	13,904
1							51	41	94 853	6 182,696	87 555,989	14,161	13,694
2							52	42	94 445	5 835,127	81 373,293	13,945	13,478
3							53	43	93 992	5 504,380	75 538,166	13,723	13,256
4							54	44	93 483	5 189,219	70 033,786	13,496	13,029
5							55	45	92 927	4 889,427	64 844,567	13,262	12,795
6							56	46	92 299	4 603,216	59 955,140	13,025	12,557
7							57	47	91 606	4 330,468	55 351,925	12,782	12,315
8							58	48	90 840	4 070,394	51 021,457	12,535	12,068
9							59	49	90 002	3 822,585	46 951,063	12,283	11,815
10	0	99 558	58 284,072	1 072 201,551	18,396	17,929	60	50	89 070	3 585,770	43 128,477	12,028	11,560
11	1	99 262	55 081,701	1 013 917,479	18,408	17,940	61	51	88 056	3 360,153	39 542,708	11,768	11,301
12	2	99 233	52 194,923	958 835,778	18,370	17,903	62	52	86 942	3 144,697	36 182,555	11,506	11,039
13	3	99 212	49 462,981	906 640,855	18,330	17,862	63	53	85 731	2 939,229	33 037,857	11,240	10,773
14	4	99 192	46 875,311	857 177,874	18,286	17,819	64	54	84 411	2 743,091	30 098,629	10,973	10,505
15	5	99 171	44 421,996	810 302,563	18,241	17,774	65	55	82 989	2 556,278	27 355,538	10,701	10,234
16	6	99 149	42 096,753	765 880,567	18,193	17,726	66	56	81 460	2 378,389	24 799,259	10,427	9,960
17	7	99 119	39 890,098	723 783,814	18,144	17,677	67	57	79 821	2 209,029	22 420,870	10,150	9,682
18	8	99 088	37 798,637	683 893,716	18,093	17,626	68	58	78 083	2 048,286	20 211,841	9,868	9,400
19	9	99 042	35 811,681	646 095,078	18,041	17,574	69	59	76 230	1 895,431	18 163,555	9,583	9,116
20	10	98 997	33 929,221	610 283,397	17,987	17,520	70	60	74 277	1 750,589	16 268,124	9,293	8,826
21	11	98 951	32 145,341	576 354,176	17,930	17,462	71	61	72 233	1 613,657	14 517,535	8,997	8,529
22	12	98 903	30 454,852	544 208,835	17,869	17,402	72	62	70 038	1 483,059	12 903,877	8,701	8,234
23	13	98 856	28 853,232	513 753,983	17,806	17,339	73	63	67 780	1 360,415	11 420,819	8,395	7,928
24	14	98 806	27 335,383	484 900,751	17,739	17,272	74	64	65 381	1 243,851	10 060,403	8,088	7,621
25	15	98 752	25 896,058	457 565,368	17,669	17,202	75	65	62 873	1 133,778	8 816,552	7,776	7,309
26	16	98 697	24 532,344	431 669,310	17,596	17,129	76	66	60 233	1 029,558	7 682,775	7,462	6,995
27	17	98 641	23 240,189	407 136,966	17,519	17,051	77	67	57 470	931,114	6 653,217	7,145	6,678
28	18	98 584	22 015,853	383 896,777	17,437	16,970	78	68	54 640	839,112	5 722,103	6,819	6,352
29	19	98 522	20 855,069	361 880,924	17,352	16,885	79	69	51 664	752,044	4 882,991	6,493	6,026
30	20	98 457	19 754,838	341 025,855	17,263	16,796	80	70	48 541	669,749	4 130,947	6,168	5,701
31	21	98 389	18 712,013	321 271,017	17,169	16,702	81	71	45 258	591,895	3 461,198	5,848	5,380
32	22	98 316	17 723,321	302 559,004	17,071	16,604	82	72	41 856	518,872	2 869,304	5,530	5,063
33	23	98 239	16 786,277	284 835,682	16,968	16,501	83	73	38 369	450,848	2 350,432	5,213	4,746
34	24	98 154	15 897,407	268 049,405	16,861	16,394	84	74	34 747	386,997	1 899,584	4,909	4,441
35	25	98 069	15 055,569	252 151,998	16,748	16,281	85	75	31 059	327,887	1 512,587	4,613	4,146
36	26	97 976	14 257,135	237 096,429	16,630	16,163	86	76	27 332	273,504	1 184,701	4,332	3,864
37	27	97 872	13 499,531	222 839,294	16,507	16,040	87	77	23 662	224,434	911,197	4,060	3,593
38	28	97 754	12 780,319	209 339,762	16,380	15,913	88	78	20 116	180,849	686,763	3,797	3,330
39	29	97 632	12 098,858	196 559,444	16,246	15,779	89	79	16 697	142,288	505,914	3,556	3,088
40	30	97 495	11 452,043	184 460,586	16,107	15,640	90	80	13 509	109,123	363,626	3,332	2,865
41	31	97 347	10 838,518	173 008,543	15,962	15,495	91	81	10 643	81,487	254,503	3,123	2,656
42	32	97 174	10 255,269	162 170,025	15,813	15,346	92	82	8 163	59,243	173,016	2,920	2,453
43	33	97 004	9 703,623	151 914,756	15,655	15,188	93	83	6 037	41,531	113,773	2,739	2,272
44	34	96 815	9 179,863	142 211,133	15,492	15,024	94	84	4 307	28,083	72,242	2,572	2,105
45	35	96 611	8 682,889	133 031,270	15,321	14,854	95	85	2 944	18,195	44,159	2,427	1,960
46	36	96 384	8 210,923	124 348,381	15,144	14,677	96	86	1 934	11,328	25,964	2,292	1,825
47	37	96 139	7 763,108	116 137,458	14,960	14,493	97	87	1 212	6,732	14,637	2,174	1,707
48	38	95 867	7 337,533	108 374,350	14,770	14,303	98	88	729	3,835	7,904	2,061	1,594
49	39	95 562	6 932,911	101 036,817	14,574	14,106	99	89	419	2,088	4,070	1,949	1,481
							100	90	226	1,068	1,981	1,855	1,388

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	39	95 282	6 552,180	94 381,030	14,405	13,937
1							51	40	94 914	6 186,613	87 828,850	14,197	13,729
2							52	41	94 514	5 839,407	81 642,237	13,981	13,514
3							53	42	94 067	5 508,825	75 802,830	13,760	13,293
4							54	43	93 567	5 193,871	70 294,005	13,534	13,067
5							55	44	93 015	4 894,056	65 100,134	13,302	12,835
6							56	45	92 399	4 608,173	60 206,078	13,065	12,598
7							57	46	91 715	4 335,602	55 597,906	12,824	12,356
8							58	47	90 959	4 075,690	51 262,304	12,578	12,110
9							59	48	90 139	3 828,393	47 186,614	12,325	11,858
10							60	49	89 220	3 591,818	43 358,220	12,071	11,604
11	0	99 550	55 241,452	1 014 477,774	18,364	17,897	61	50	88 219	3 366,360	39 766,402	11,813	11,346
12	1	99 255	52 206,535	959 236,322	18,374	17,907	62	51	87 123	3 151,241	36 400,042	11,551	11,084
13	2	99 225	49 469,481	907 029,787	18,335	17,868	63	52	85 920	2 945,722	33 248,801	11,287	10,820
14	3	99 202	46 879,985	857 560,305	18,293	17,825	64	53	84 620	2 749,907	30 303,078	11,020	10,552
15	4	99 180	44 426,086	810 680,320	18,248	17,781	65	54	83 218	2 563,339	27 553,172	10,749	10,282
16	5	99 156	42 099,613	766 254,235	18,201	17,734	66	55	81 714	2 385,815	24 989,833	10,474	10,007
17	6	99 126	39 893,011	724 154,622	18,152	17,685	67	56	80 092	2 216,525	22 604,018	10,198	9,731
18	7	99 093	37 800,438	684 261,611	18,102	17,635	68	57	78 378	2 056,009	20 387,494	9,916	9,449
19	8	99 050	35 814,262	646 461,173	18,050	17,583	69	58	76 550	1 903,375	18 331,485	9,631	9,164
20	9	99 003	33 931,024	610 646,910	17,997	17,530	70	59	74 623	1 758,740	16 428,110	9,341	8,874
21	10	98 956	32 147,128	576 715,886	17,940	17,473	71	60	72 605	1 621,973	14 669,370	9,044	8,577
22	11	98 911	30 457,194	544 568,758	17,880	17,413	72	61	70 432	1 491,390	13 047,397	8,748	8,281
23	12	98 862	28 855,056	514 111,564	17,817	17,350	73	62	68 197	1 368,795	11 556,007	8,442	7,975
24	13	98 814	27 337,544	485 256,508	17,751	17,283	74	63	65 826	1 252,317	10 187,212	8,135	7,668
25	14	98 761	25 898,447	457 918,964	17,681	17,214	75	64	63 342	1 142,240	8 934,895	7,822	7,355
26	15	98 708	24 535,185	432 020,517	17,608	17,141	76	65	60 720	1 037,875	7 792,655	7,508	7,041
27	16	98 653	23 243,160	407 485,332	17,531	17,064	77	66	57 978	939,340	6 754,780	7,191	6,724
28	17	98 596	22 018,708	384 242,172	17,451	16,984	78	67	55 156	847,038	5 815,440	6,866	6,398
29	18	98 538	20 858,455	362 223,465	17,366	16,899	79	68	52 197	759,797	4 968,401	6,539	6,072
30	19	98 473	19 758,086	341 365,010	17,277	16,810	80	69	49 108	677,572	4 208,604	6,211	5,744
31	20	98 405	18 715,076	321 606,924	17,184	16,717	81	70	45 833	599,418	3 531,032	5,891	5,424
32	21	98 333	17 726,331	302 891,848	17,087	16,620	82	71	42 443	526,140	2 931,614	5,572	5,105
33	22	98 256	16 789,094	285 165,517	16,985	16,518	83	72	38 952	457,689	2 405,473	5,256	4,789
34	23	98 170	15 900,008	268 376,423	16,879	16,412	84	73	35 338	393,584	1 947,784	4,949	4,482
35	24	98 085	15 058,043	252 476,415	16,767	16,300	85	74	31 634	333,962	1 554,200	4,654	4,187
36	25	97 995	14 259,908	237 418,372	16,649	16,182	86	75	27 893	279,120	1 220,238	4,372	3,905
37	26	97 890	13 501,938	223 158,464	16,528	16,061	87	76	24 198	229,518	941,118	4,100	3,633
38	27	97 775	12 783,000	209 656,526	16,401	15,934	88	77	20 609	185,284	711,601	3,841	3,373
39	28	97 655	12 101,738	196 873,527	16,268	15,801	89	78	17 164	146,268	526,316	3,598	3,131
40	29	97 519	11 454,870	184 771,789	16,130	15,663	90	79	13 939	112,591	380,049	3,375	2,908
41	30	97 374	10 841,584	173 316,919	15,986	15,519	91	80	11 032	84,465	267,457	3,166	2,699
42	31	97 205	10 258,572	162 475,335	15,838	15,371	92	81	8 507	61,738	182,992	2,964	2,497
43	32	97 037	9 706,883	152 216,763	15,681	15,214	93	82	6 335	43,579	121,254	2,782	2,315
44	33	96 849	9 183,079	142 509,880	15,519	15,052	94	83	4 559	29,723	77,674	2,613	2,146
45	34	96 648	8 686,205	133 326,800	15,349	14,882	95	84	3 145	19,434	47,951	2,467	2,000
46	35	96 429	8 214,759	124 640,595	15,173	14,706	96	85	2 087	12,229	28,516	2,332	1,865
47	36	96 185	7 766,812	116 425,836	14,990	14,523	97	86	1 325	7,360	16,287	2,213	1,746
48	37	95 915	7 341,239	108 659,024	14,801	14,334	98	87	809	4,257	8,928	2,097	1,630
49	38	95 615	6 936,755	101 317,785	14,606	14,139	99	88	472	2,355	4,671	1,983	1,516
							100	89	259	1,226	2,316	1,889	1,422

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	6 555,813	94 634,186	14,435	13,968
1							51	39	94 975	6 190,641	88 078,373	14,228	13,760
2							52	40	94 574	5 843,107	81 887,733	14,014	13,547
3							53	41	94 136	5 512,866	76 044,626	13,794	13,327
4							54	42	93 643	5 198,065	70 531,761	13,569	13,102
5							55	43	93 099	4 898,444	65 333,696	13,338	12,870
6							56	44	92 486	4 612,535	60 435,252	13,102	12,635
7							57	45	91 814	4 340,271	55 822,717	12,862	12,394
8							58	46	91 066	4 080,522	51 482,446	12,617	12,149
9							59	47	90 256	3 833,374	47 401,924	12,366	11,898
10							60	48	89 356	3 597,276	43 568,549	12,112	11,644
11							61	49	88 368	3 372,039	39 971,274	11,854	11,387
12	0	99 543	52 357,947	959 754,142	18,331	17,863	62	50	87 284	3 157,062	36 599,235	11,593	11,126
13	1	99 247	49 480,486	907 396,195	18,338	17,871	63	51	86 099	2 951,852	33 442,172	11,329	10,862
14	2	99 215	46 886,146	857 915,709	18,298	17,831	64	52	84 807	2 755,982	30 490,321	11,063	10,596
15	3	99 190	44 430,515	811 029,563	18,254	17,787	65	53	83 425	2 569,708	27 734,338	10,793	10,326
16	4	99 165	42 103,489	766 599,047	18,207	17,740	66	54	81 940	2 392,404	25 164,630	10,519	10,051
17	5	99 133	39 895,722	724 495,558	18,160	17,693	67	55	80 342	2 223,445	22 772,227	10,242	9,775
18	6	99 100	37 803,198	684 599,837	18,110	17,642	68	56	78 644	2 062,985	20 548,782	9,961	9,494
19	7	99 054	35 815,968	646 796,639	18,059	17,592	69	57	76 838	1 910,552	18 485,797	9,676	9,208
20	8	99 010	33 933,470	610 980,670	18,005	17,538	70	58	74 936	1 766,111	16 575,245	9,385	8,918
21	9	98 962	32 148,837	577 047,201	17,949	17,482	71	59	72 943	1 629,525	14 809,134	9,088	8,621
22	10	98 916	30 458,887	544 898,364	17,890	17,422	72	60	70 795	1 499,075	13 179,609	8,792	8,325
23	11	98 869	28 857,275	514 439,476	17,827	17,360	73	61	68 581	1 376,484	11 680,534	8,486	8,019
24	12	98 820	27 339,271	485 582,201	17,761	17,294	74	62	66 231	1 260,031	10 304,050	8,178	7,710
25	13	98 769	25 900,494	458 242,930	17,692	17,225	75	63	63 773	1 150,014	9 044,019	7,864	7,397
26	14	98 717	24 537,448	432 342,435	17,620	17,153	76	64	61 173	1 045,622	7 894,004	7,550	7,082
27	15	98 665	23 245,851	407 804,987	17,543	17,076	77	65	58 446	946,928	6 848,382	7,232	6,765
28	16	98 609	22 021,523	384 559,136	17,463	16,996	78	66	55 644	854,522	5 901,454	6,906	6,439
29	17	98 551	20 861,160	362 537,613	17,379	16,911	79	67	52 690	766,975	5 046,932	6,580	6,113
30	18	98 489	19 761,294	341 676,453	17,290	16,823	80	68	49 614	684,557	4 279,957	6,252	5,785
31	19	98 421	18 718,153	321 915,160	17,198	16,731	81	69	46 368	606,420	3 595,400	5,929	5,462
32	20	98 349	17 729,233	303 197,007	17,102	16,634	82	70	42 982	532,828	2 988,980	5,610	5,142
33	21	98 273	16 791,945	285 467,774	17,000	16,533	83	71	39 497	464,100	2 456,152	5,292	4,825
34	22	98 187	15 902,676	268 675,829	16,895	16,428	84	72	35 874	399,556	1 992,051	4,986	4,518
35	23	98 102	15 060,506	252 773,153	16,784	16,317	85	73	32 173	339,646	1 592,495	4,689	4,221
36	24	98 011	14 262,250	237 712,647	16,667	16,200	86	74	28 410	284,292	1 252,848	4,407	3,940
37	25	97 909	13 504,563	223 450,396	16,546	16,079	87	75	24 695	234,230	968,556	4,135	3,668
38	26	97 792	12 785,279	209 945,833	16,421	15,954	88	76	21 076	189,481	734,326	3,875	3,408
39	27	97 675	12 104,277	197 160,554	16,289	15,821	89	77	17 585	149,855	544,845	3,636	3,169
40	28	97 542	11 457,597	185 056,277	16,151	15,684	90	78	14 329	115,740	394,990	3,413	2,946
41	29	97 398	10 844,260	173 598,681	16,008	15,541	91	79	11 383	87,150	279,250	3,204	2,737
42	30	97 233	10 261,474	162 754,421	15,861	15,394	92	80	8 818	63,995	192,099	3,002	2,535
43	31	97 068	9 710,010	152 492,947	15,705	15,238	93	81	6 602	45,415	128,104	2,821	2,354
44	32	96 882	9 186,165	142 782,937	15,543	15,076	94	82	4 783	31,189	82,690	2,651	2,184
45	33	96 681	8 689,249	133 596,772	15,375	14,908	95	83	3 328	20,570	51,500	2,504	2,037
46	34	96 466	8 217,897	124 907,524	15,199	14,732	96	84	2 230	13,062	30,930	2,368	1,901
47	35	96 230	7 770,440	116 689,627	15,017	14,550	97	85	1 431	7,945	17,868	2,249	1,782
48	36	95 961	7 344,742	108 919,187	14,830	14,362	98	86	884	4,653	9,923	2,132	1,665
49	37	95 663	6 940,259	101 574,445	14,636	14,168	99	87	524	2,614	5,270	2,016	1,548
							100	88	292	1,383	2,655	1,921	1,453

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	37	95 383	6 559,125	94 865,380	14,463	13,996
1							51	38	95 028	6 194,073	88 306,255	14,257	13,789
2							52	39	94 636	5 846,911	82 112,182	14,044	13,577
3							53	40	94 196	5 516,358	76 265,271	13,825	13,358
4							54	41	93 712	5 201,877	70 748,913	13,601	13,133
5							55	42	93 174	4 902,399	65 547,036	13,370	12,903
6							56	43	92 569	4 616,671	60 644,637	13,136	12,669
7							57	44	91 901	4 344,380	56 027,966	12,897	12,429
8							58	45	91 165	4 084,916	51 683,586	12,652	12,185
9							59	46	90 363	3 837,919	47 598,670	12,402	11,935
10							60	47	89 472	3 601,956	43 760,751	12,149	11,682
11							61	48	88 502	3 377,163	40 158,795	11,891	11,424
12							62	49	87 431	3 162,388	36 781,632	11,631	11,164
13	0	99 535	49 623,993	907 874,838	18,295	17,828	63	50	86 258	2 957,305	33 619,244	11,368	10,901
14	1	99 237	46 896,577	858 250,845	18,301	17,834	64	51	84 984	2 761,717	30 661,940	11,102	10,635
15	2	99 203	44 436,354	811 354,269	18,259	17,792	65	52	83 609	2 575,385	27 900,223	10,833	10,366
16	3	99 175	42 107,687	766 917,914	18,213	17,746	66	53	82 144	2 398,348	25 324,838	10,559	10,092
17	4	99 142	39 899,394	724 810,227	18,166	17,699	67	54	80 564	2 229,586	22 926,489	10,283	9,816
18	5	99 107	37 805,767	684 910,833	18,117	17,649	68	55	78 889	2 069,426	20 696,903	10,001	9,534
19	6	99 062	35 818,584	647 105,066	18,066	17,599	69	56	77 099	1 917,034	18 627,478	9,717	9,250
20	7	99 014	33 935,086	611 286,483	18,013	17,546	70	57	75 218	1 772,770	16 710,443	9,426	8,959
21	8	98 969	32 151,154	577 351,397	17,957	17,490	71	58	73 249	1 636,354	14 937,673	9,129	8,661
22	9	98 922	30 460,506	545 200,242	17,899	17,431	72	59	71 124	1 506,055	13 301,319	8,832	8,365
23	10	98 875	28 858,880	514 739,736	17,836	17,369	73	60	68 934	1 383,578	11 795,264	8,525	8,058
24	11	98 828	27 341,374	485 880,856	17,771	17,304	74	61	66 603	1 267,109	10 411,686	8,217	7,750
25	12	98 775	25 902,131	458 539,482	17,703	17,236	75	62	64 166	1 157,098	9 144,577	7,903	7,436
26	13	98 725	24 539,388	432 637,351	17,630	17,163	76	63	61 590	1 052,739	7 987,479	7,587	7,120
27	14	98 674	23 247,996	408 097,963	17,554	17,087	77	64	58 882	953,996	6 934,740	7,269	6,802
28	15	98 620	22 024,073	384 849,968	17,474	17,007	78	65	56 093	861,425	5 980,744	6,943	6,476
29	16	98 563	20 863,827	362 825,895	17,390	16,923	79	66	53 155	773,751	5 119,319	6,616	6,149
30	17	98 502	19 763,856	341 962,068	17,302	16,835	80	67	50 083	691,024	4 345,568	6,289	5,821
31	18	98 437	18 721,192	322 198,212	17,210	16,743	81	68	46 847	612,672	3 654,544	5,965	5,498
32	19	98 365	17 732,148	303 477,020	17,115	16,647	82	69	43 484	539,052	3 041,872	5,643	5,176
33	20	98 289	16 794,694	285 744,873	17,014	16,547	83	70	39 999	470,000	2 502,820	5,325	4,858
34	21	98 204	15 905,377	268 950,179	16,909	16,442	84	71	36 377	405,153	2 032,820	5,017	4,550
35	22	98 118	15 063,033	253 044,802	16,799	16,332	85	72	32 661	344,800	1 627,667	4,721	4,253
36	23	98 027	14 264,584	237 981,769	16,683	16,216	86	73	28 894	289,131	1 282,866	4,437	3,970
37	24	97 925	13 506,782	223 717,185	16,563	16,096	87	74	25 152	238,570	993,735	4,165	3,698
38	25	97 811	12 787,765	210 210,403	16,438	15,971	88	75	21 508	193,372	755,165	3,905	3,438
39	26	97 693	12 106,434	197 422,638	16,307	15,840	89	76	17 983	153,249	561,793	3,666	3,199
40	27	97 563	11 460,001	185 316,204	16,171	15,704	90	77	14 680	118,579	408,544	3,445	2,978
41	28	97 421	10 846,841	173 856,203	16,028	15,561	91	78	11 701	89,588	289,965	3,237	2,769
42	29	97 257	10 264,007	163 009,362	15,882	15,414	92	79	9 098	66,029	200,377	3,035	2,567
43	30	97 095	9 712,757	152 745,355	15,726	15,259	93	80	6 843	47,075	134,348	2,854	2,387
44	31	96 913	9 189,124	143 032,599	15,565	15,098	94	81	4 985	32,503	87,273	2,685	2,218
45	32	96 714	8 692,168	133 843,475	15,398	14,931	95	82	3 492	21,584	54,770	2,538	2,070
46	33	96 500	8 220,776	125 151,306	15,224	14,757	96	83	2 360	13,825	33,186	2,400	1,933
47	34	96 267	7 773,408	116 930,531	15,042	14,575	97	84	1 528	8,487	19,361	2,281	1,814
48	35	96 006	7 348,173	109 157,123	14,855	14,388	98	85	954	5,024	10,874	2,165	1,697
49	36	95 709	6 943,570	101 808,950	14,662	14,195	99	86	573	2,858	5,851	2,047	1,580
							100	87	325	1,535	2,992	1,950	1,483

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	6 562,254	95 076,566	14,488	14,021
1							51	37	95 076	6 197,202	88 514,311	14,283	13,816
2							52	38	94 688	5 850,152	82 317,109	14,071	13,604
3							53	39	94 257	5 519,950	76 466,957	13,853	13,386
4							54	40	93 771	5 205,173	70 947,007	13,630	13,163
5							55	41	93 242	4 905,995	65 741,834	13,400	12,933
6							56	42	92 644	4 620,398	60 835,839	13,167	12,700
7							57	43	91 983	4 348,274	56 215,441	12,928	12,461
8							58	44	91 251	4 088,784	51 867,166	12,685	12,218
9							59	45	90 460	3 842,052	47 778,383	12,436	11,968
10							60	46	89 578	3 606,227	43 936,331	12,183	11,716
11							61	47	88 617	3 381,556	40 330,104	11,926	11,459
12							62	48	87 564	3 167,193	36 948,548	11,666	11,199
13							63	49	86 404	2 962,293	33 781,355	11,404	10,937
14	0	99 525	47 032,589	858 693,351	18,257	17,790	64	50	85 141	2 766,819	30 819,061	11,139	10,672
15	1	99 225	44 446,240	811 660,762	18,262	17,794	65	51	83 783	2 580,744	28 052,243	10,870	10,403
16	2	99 188	42 113,221	767 214,522	18,218	17,751	66	52	82 325	2 403,647	25 471,499	10,597	10,130
17	3	99 152	39 903,373	725 101,302	18,171	17,704	67	53	80 764	2 235,126	23 067,852	10,321	9,853
18	4	99 116	37 809,247	685 197,929	18,122	17,655	68	54	79 107	2 075,141	20 832,726	10,039	9,572
19	5	99 068	35 821,017	647 388,682	18,073	17,606	69	55	77 340	1 923,020	18 757,585	9,754	9,287
20	6	99 022	33 937,564	611 567,664	18,020	17,553	70	56	75 474	1 778,785	16 834,565	9,464	8,997
21	7	98 973	32 152,685	577 630,100	17,965	17,498	71	57	73 525	1 642,524	15 055,780	9,166	8,699
22	8	98 929	30 462,702	545 477,415	17,906	17,439	72	58	71 422	1 512,367	13 413,256	8,869	8,402
23	9	98 880	28 860,414	515 014,713	17,845	17,378	73	59	69 255	1 390,020	11 900,889	8,562	8,094
24	10	98 833	27 342,894	486 154,299	17,780	17,313	74	60	66 947	1 273,639	10 510,869	8,253	7,785
25	11	98 783	25 904,123	458 811,405	17,712	17,245	75	61	64 526	1 163,598	9 237,231	7,939	7,471
26	12	98 731	24 540,939	432 907,282	17,640	17,173	76	62	61 969	1 059,223	8 073,632	7,622	7,155
27	13	98 682	23 249,834	408 366,343	17,564	17,097	77	63	59 283	960,490	7 014,409	7,303	6,836
28	14	98 629	22 026,104	385 116,510	17,485	17,017	78	64	56 512	867,855	6 053,920	6,976	6,509
29	15	98 575	20 866,243	363 090,405	17,401	16,934	79	65	53 585	780,002	5 186,065	6,649	6,182
30	16	98 515	19 766,383	342 224,163	17,313	16,846	80	66	50 525	697,129	4 406,063	6,320	5,853
31	17	98 450	18 723,620	322 457,780	17,222	16,755	81	67	47 289	618,459	3 708,934	5,997	5,530
32	18	98 381	17 735,026	303 734,160	17,126	16,659	82	68	43 933	544,610	3 090,475	5,675	5,207
33	19	98 305	16 797,455	285 999,134	17,026	16,559	83	69	40 466	475,490	2 545,865	5,354	4,887
34	20	98 220	15 907,980	269 201,679	16,922	16,455	84	70	36 839	410,304	2 070,375	5,046	4,579
35	21	98 135	15 065,591	253 293,698	16,813	16,346	85	71	33 118	349,630	1 660,072	4,748	4,281
36	22	98 044	14 266,977	238 228,107	16,698	16,231	86	72	29 332	293,518	1 310,441	4,465	3,997
37	23	97 941	13 508,992	223 961,130	16,579	16,111	87	73	25 581	242,631	1 016,923	4,191	3,724
38	24	97 827	12 789,866	210 452,138	16,455	15,987	88	74	21 907	196,955	774,292	3,931	3,464
39	25	97 712	12 108,789	197 662,272	16,324	15,857	89	75	18 352	156,396	577,337	3,692	3,224
40	26	97 580	11 462,044	185 553,484	16,189	15,721	90	76	15 013	121,265	420,941	3,471	3,004
41	27	97 442	10 849,117	174 091,440	16,047	15,579	91	77	11 988	91,785	299,676	3,265	2,798
42	28	97 280	10 266,450	163 242,323	15,901	15,433	92	78	9 353	67,876	207,891	3,063	2,596
43	29	97 119	9 715,154	152 975,873	15,746	15,279	93	79	7 061	48,571	140,016	2,883	2,415
44	30	96 940	9 191,723	143 260,719	15,586	15,119	94	80	5 167	33,691	91,444	2,714	2,247
45	31	96 745	8 694,968	134 068,996	15,419	14,952	95	81	3 639	22,493	57,753	2,568	2,100
46	32	96 532	8 223,538	125 374,028	15,246	14,779	96	82	2 476	14,507	35,260	2,431	1,963
47	33	96 301	7 776,131	117 150,490	15,065	14,598	97	83	1 618	8,982	20,753	2,310	1,843
48	34	96 042	7 350,980	109 374,359	14,879	14,412	98	84	1 019	5,366	11,771	2,194	1,726
49	35	95 754	6 946,814	102 023,379	14,686	14,219	99	85	618	3,085	6,405	2,076	1,609
							100	86	355	1,678	3,319	1,978	1,511

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	6 565,320	95 269,633	14,511	14,044
1							51	36	95 121	6 200,159	88 704,313	14,307	13,840
2							52	37	94 736	5 853,108	82 504,155	14,096	13,629
3							53	38	94 310	5 523,010	76 651,047	13,878	13,411
4							54	39	93 832	5 208,562	71 128,037	13,656	13,189
5							55	40	93 301	4 909,103	65 919,475	13,428	12,961
6							56	41	92 712	4 623,787	61 010,372	13,195	12,728
7							57	42	92 057	4 351,786	56 386,584	12,957	12,490
8							58	43	91 333	4 092,449	52 034,799	12,715	12,248
9							59	44	90 546	3 845,689	47 942,350	12,467	11,999
10							60	45	89 674	3 610,110	44 096,660	12,215	11,748
11							61	46	88 722	3 385,566	40 486,550	11,959	11,491
12							62	47	87 678	3 171,314	37 100,985	11,699	11,232
13							63	48	86 535	2 966,794	33 929,671	11,436	10,969
14							64	49	85 285	2 771,486	30 962,877	11,172	10,705
15	0	99 513	44 575,145	812 069,928	18,218	17,751	65	50	83 938	2 585,511	28 191,391	10,904	10,436
16	1	99 210	42 122,590	767 494,782	18,221	17,753	66	51	82 497	2 408,649	25 605,879	10,631	10,164
17	2	99 165	39 908,617	725 372,193	18,176	17,709	67	52	80 942	2 240,064	23 197,231	10,356	9,888
18	3	99 126	37 813,017	685 463,576	18,128	17,661	68	53	79 304	2 080,298	20 957,167	10,074	9,607
19	4	99 077	35 824,315	647 650,559	18,079	17,611	69	54	77 553	1 928,331	18 876,869	9,789	9,322
20	5	99 028	33 939,870	611 826,244	18,027	17,560	70	55	75 709	1 784,338	16 948,539	9,499	9,031
21	6	98 981	32 155,033	577 886,374	17,972	17,505	71	56	73 775	1 648,097	15 164,200	9,201	8,734
22	7	98 933	30 464,153	545 731,340	17,914	17,447	72	57	71 692	1 518,069	13 516,103	8,903	8,436
23	8	98 887	28 862,494	515 267,188	17,852	17,385	73	58	69 545	1 395,845	11 998,033	8,596	8,128
24	9	98 839	27 344,347	486 404,694	17,788	17,321	74	59	67 258	1 279,569	10 602,188	8,286	7,819
25	10	98 788	25 905,563	459 060,346	17,721	17,253	75	60	64 859	1 169,595	9 322,619	7,971	7,504
26	11	98 739	24 542,826	433 154,783	17,649	17,182	76	61	62 317	1 065,174	8 153,025	7,654	7,187
27	12	98 688	23 251,303	408 611,957	17,574	17,107	77	62	59 648	966,406	7 087,851	7,334	6,867
28	13	98 637	22 027,846	385 360,654	17,494	17,027	78	63	56 896	873,761	6 121,445	7,006	6,539
29	14	98 584	20 868,168	363 332,808	17,411	16,944	79	64	53 985	785,824	5 247,684	6,678	6,211
30	15	98 526	19 768,672	342 464,641	17,324	16,856	80	65	50 934	702,761	4 461,860	6,349	5,882
31	16	98 463	18 726,013	322 695,969	17,232	16,765	81	66	47 707	623,924	3 759,099	6,025	5,558
32	17	98 394	17 737,326	303 969,956	17,137	16,670	82	67	44 348	549,754	3 135,176	5,703	5,236
33	18	98 321	16 800,182	286 232,630	17,037	16,570	83	68	40 884	480,392	2 585,422	5,382	4,915
34	19	98 236	15 910,596	269 432,447	16,934	16,467	84	69	37 270	415,096	2 105,030	5,071	4,604
35	20	98 151	15 068,058	253 521,852	16,825	16,358	85	70	33 539	354,075	1 689,934	4,773	4,306
36	21	98 061	14 269,400	238 453,794	16,711	16,244	86	71	29 743	297,630	1 335,859	4,488	4,021
37	22	97 957	13 511,259	224 184,394	16,592	16,125	87	72	25 969	246,313	1 038,229	4,215	3,748
38	23	97 843	12 791,958	210 673,135	16,469	16,002	88	73	22 280	200,307	791,916	3,954	3,486
39	24	97 728	12 110,778	197 881,177	16,339	15,872	89	74	18 693	159,294	591,609	3,714	3,247
40	25	97 599	11 464,272	185 770,399	16,204	15,737	90	75	15 321	123,755	432,315	3,493	3,026
41	26	97 459	10 851,051	174 306,127	16,064	15,596	91	76	12 259	93,864	308,560	3,287	2,820
42	27	97 300	10 268,604	163 455,076	15,918	15,451	92	77	9 582	69,541	214,696	3,087	2,620
43	28	97 142	9 717,467	153 186,472	15,764	15,297	93	78	7 258	49,930	145,156	2,907	2,440
44	29	96 964	9 193,992	143 469,006	15,605	15,137	94	79	5 331	34,762	95,226	2,739	2,272
45	30	96 772	8 697,428	134 275,014	15,438	14,971	95	80	3 772	23,315	60,464	2,593	2,126
46	31	96 563	8 226,187	125 577,586	15,266	14,798	96	81	2 581	15,118	37,149	2,457	1,990
47	32	96 333	7 778,744	117 351,399	15,086	14,619	97	82	1 697	9,425	22,031	2,337	1,870
48	33	96 076	7 353,555	109 572,655	14,901	14,433	98	83	1 079	5,679	12,605	2,219	1,752
49	34	95 790	6 949,467	102 219,100	14,709	14,242	99	84	661	3,296	6,926	2,102	1,634
							100	85	383	1,811	3,630	2,004	1,537

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	6 567,827	95 445,804	14,532	14,065
1							51	35	95 166	6 203,055	88 877,977	14,328	13,861
2							52	36	94 781	5 855,900	82 674,922	14,118	13,651
3							53	37	94 357	5 525,800	76 819,022	13,902	13,435
4							54	38	93 884	5 211,450	71 293,221	13,680	13,213
5							55	39	93 362	4 912,299	66 081,772	13,452	12,985
6							56	40	92 771	4 626,717	61 169,473	13,221	12,754
7							57	41	92 125	4 354,978	56 542,756	12,983	12,516
8							58	42	91 406	4 095,754	52 187,778	12,742	12,275
9							59	43	90 627	3 849,137	48 092,024	12,494	12,027
10							60	44	89 759	3 613,528	44 242,887	12,244	11,776
11							61	45	88 818	3 389,211	40 629,360	11,988	11,521
12							62	46	87 782	3 175,074	37 240,148	11,729	11,262
13							63	47	86 648	2 970,654	34 065,075	11,467	11,000
14							64	48	85 414	2 775,697	31 094,420	11,202	10,735
15							65	49	84 079	2 589,873	28 318,723	10,934	10,467
16	0	99 497	42 244,756	767 873,183	18,177	17,710	66	50	82 649	2 413,098	25 728,850	10,662	10,195
17	1	99 187	39 917,495	725 628,427	18,178	17,711	67	51	81 111	2 244,725	23 315,752	10,387	9,920
18	2	99 139	37 817,987	685 710,932	18,132	17,665	68	52	79 479	2 084,894	21 071,027	10,107	9,639
19	3	99 087	35 827,887	647 892,946	18,083	17,616	69	53	77 746	1 933,122	18 986,134	9,821	9,354
20	4	99 037	33 942,995	612 065,059	18,032	17,565	70	54	75 918	1 789,267	17 053,012	9,531	9,064
21	5	98 987	32 157,218	578 122,064	17,978	17,511	71	55	74 005	1 653,243	15 263,745	9,233	8,765
22	6	98 941	30 466,377	545 964,846	17,920	17,453	72	56	71 935	1 523,220	13 610,502	8,935	8,468
23	7	98 892	28 863,868	515 498,469	17,860	17,392	73	57	69 807	1 401,108	12 087,282	8,627	8,160
24	8	98 846	27 346,318	486 634,600	17,795	17,328	74	58	67 540	1 284,932	10 686,174	8,317	7,849
25	9	98 793	25 906,940	459 288,282	17,728	17,261	75	59	65 161	1 175,040	9 401,242	8,001	7,534
26	10	98 744	24 544,191	433 381,342	17,657	17,190	76	60	62 638	1 070,663	8 226,202	7,683	7,216
27	11	98 695	23 253,091	408 837,151	17,582	17,115	77	61	59 983	971,835	7 155,539	7,363	6,896
28	12	98 643	22 029,238	385 584,060	17,503	17,036	78	62	57 247	879,144	6 183,705	7,034	6,567
29	13	98 592	20 869,817	363 554,822	17,420	16,953	79	63	54 352	791,172	5 304,561	6,705	6,237
30	14	98 535	19 770,495	342 685,005	17,333	16,866	80	64	51 314	708,006	4 513,389	6,375	5,908
31	15	98 474	18 728,182	322 914,509	17,242	16,775	81	65	48 092	628,964	3 805,383	6,050	5,583
32	16	98 406	17 739,594	304 186,328	17,147	16,680	82	66	44 739	554,611	3 176,419	5,727	5,260
33	17	98 333	16 802,361	286 446,734	17,048	16,581	83	67	41 270	484,930	2 621,807	5,407	4,939
34	18	98 252	15 913,179	269 644,373	16,945	16,478	84	68	37 654	419,376	2 136,878	5,095	4,628
35	19	98 167	15 070,535	253 731,195	16,836	16,369	85	69	33 931	358,211	1 717,502	4,795	4,327
36	20	98 077	14 271,736	238 660,660	16,723	16,255	86	70	30 121	301,413	1 359,291	4,510	4,043
37	21	97 974	13 513,553	224 388,924	16,605	16,138	87	71	26 333	249,763	1 057,878	4,236	3,768
38	22	97 860	12 794,105	210 875,370	16,482	16,015	88	72	22 618	203,347	808,115	3,974	3,507
39	23	97 744	12 112,759	198 081,266	16,353	15,886	89	73	19 011	162,005	604,768	3,733	3,266
40	24	97 615	11 466,156	185 968,507	16,219	15,752	90	74	15 605	126,048	442,763	3,513	3,045
41	25	97 478	10 853,161	174 502,351	16,078	15,611	91	75	12 511	95,791	316,715	3,306	2,839
42	26	97 318	10 270,435	163 649,190	15,934	15,467	92	76	9 799	71,116	220,924	3,107	2,639
43	27	97 163	9 719,505	153 378,755	15,781	15,313	93	77	7 436	51,154	149,808	2,929	2,461
44	28	96 987	9 196,180	143 659,250	15,622	15,154	94	78	5 480	35,734	98,654	2,761	2,294
45	29	96 796	8 699,574	134 463,070	15,456	14,989	95	79	3 892	24,057	62,920	2,615	2,148
46	30	96 591	8 228,514	125 763,495	15,284	14,817	96	80	2 675	15,671	38,863	2,480	2,013
47	31	96 364	7 781,250	117 534,982	15,105	14,638	97	81	1 769	9,822	23,193	2,361	1,894
48	32	96 108	7 356,026	109 753,732	14,920	14,453	98	82	1 132	5,959	13,370	2,244	1,776
49	33	95 824	6 951,902	102 397,706	14,729	14,262	99	83	699	3,488	7,411	2,124	1,657
							100	84	409	1,935	3,923	2,028	1,560

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	6 570,128	95 606,520	14,552	14,085
1							51	34	95 202	6 205,424	89 036,392	14,348	13,881
2							52	35	94 825	5 858,636	82 830,967	14,138	13,671
3							53	36	94 402	5 528,436	76 972,331	13,923	13,456
4							54	37	93 931	5 214,082	71 443,895	13,702	13,235
5							55	38	93 414	4 915,023	66 229,813	13,475	13,008
6							56	39	92 831	4 629,729	61 314,790	13,244	12,777
7							57	40	92 183	4 357,737	56 685,061	13,008	12,541
8							58	41	91 473	4 098,758	52 327,324	12,767	12,299
9							59	42	90 700	3 852,245	48 228,566	12,520	12,052
10							60	43	89 840	3 616,767	44 376,321	12,270	11,802
11							61	44	88 902	3 392,420	40 759,554	12,015	11,548
12							62	45	87 877	3 178,493	37 367,134	11,756	11,289
13							63	46	86 750	2 974,176	34 188,641	11,495	11,028
14							64	47	85 525	2 779,308	31 214,465	11,231	10,764
15							65	48	84 207	2 593,808	28 435,157	10,963	10,496
16							66	49	82 788	2 417,169	25 841,348	10,691	10,224
17	0	99 475	40 033,266	725 978,432	18,134	17,667	67	50	81 260	2 248,872	23 424,180	10,416	9,949
18	1	99 161	37 826,400	685 945,166	18,134	17,667	68	51	79 644	2 089,232	21 175,308	10,135	9,668
19	2	99 100	35 832,596	648 118,766	18,087	17,620	69	52	77 918	1 937,393	19 086,076	9,851	9,384
20	3	99 047	33 946,379	612 286,171	18,037	17,570	70	53	76 107	1 793,712	17 148,683	9,560	9,093
21	4	98 997	32 160,179	578 339,792	17,983	17,516	71	54	74 209	1 657,809	15 354,971	9,262	8,795
22	5	98 947	30 468,447	546 179,613	17,926	17,459	72	55	72 160	1 527,976	13 697,162	8,964	8,497
23	6	98 899	28 865,976	515 711,166	17,866	17,399	73	56	70 044	1 405,862	12 169,186	8,656	8,189
24	7	98 850	27 347,621	486 845,190	17,802	17,335	74	57	67 795	1 289,776	10 763,324	8,345	7,878
25	8	98 800	25 908,808	459 497,569	17,735	17,268	75	58	65 434	1 179,965	9 473,547	8,029	7,561
26	9	98 750	24 545,495	433 588,761	17,665	17,198	76	59	62 930	1 075,648	8 293,582	7,710	7,243
27	10	98 701	23 254,384	409 043,266	17,590	17,123	77	60	60 293	976,843	7 217,935	7,389	6,922
28	11	98 651	22 030,932	385 788,882	17,511	17,044	78	61	57 568	884,082	6 241,092	7,059	6,592
29	12	98 598	20 871,136	363 757,950	17,429	16,962	79	62	54 687	796,046	5 357,010	6,730	6,262
30	13	98 543	19 772,058	342 886,814	17,342	16,875	80	63	51 663	712,825	4 560,964	6,398	5,931
31	14	98 483	18 729,910	323 114,756	17,251	16,784	81	64	48 451	633,659	3 848,139	6,073	5,606
32	15	98 418	17 741,648	304 384,846	17,157	16,689	82	65	45 101	559,092	3 214,481	5,749	5,282
33	16	98 346	16 804,509	286 643,198	17,058	16,590	83	66	41 634	489,214	2 655,389	5,428	4,961
34	17	98 265	15 915,242	269 838,689	16,955	16,488	84	67	38 010	423,337	2 166,175	5,117	4,650
35	18	98 183	15 072,982	253 923,447	16,846	16,379	85	68	34 281	361,904	1 742,838	4,816	4,349
36	19	98 093	14 274,082	238 850,466	16,733	16,266	86	69	30 473	304,934	1 380,934	4,529	4,061
37	20	97 990	13 515,765	224 576,383	16,616	16,149	87	70	26 667	252,938	1 076,000	4,254	3,787
38	21	97 876	12 796,277	211 060,618	16,494	16,027	88	71	22 935	206,195	823,062	3,992	3,524
39	22	97 760	12 114,792	198 264,340	16,365	15,898	89	72	19 299	164,464	616,867	3,751	3,284
40	23	97 631	11 468,032	186 149,549	16,232	15,765	90	73	15 870	128,193	452,403	3,529	3,062
41	24	97 494	10 854,944	174 681,517	16,092	15,625	91	74	12 743	97,566	324,210	3,323	2,856
42	25	97 337	10 272,432	163 826,573	15,948	15,481	92	75	10 000	72,576	226,644	3,123	2,656
43	26	97 180	9 721,238	153 554,142	15,796	15,329	93	76	7 605	52,313	154,068	2,945	2,478
44	27	97 008	9 198,110	143 832,904	15,637	15,170	94	77	5 615	36,611	101,755	2,779	2,312
45	28	96 819	8 701,645	134 634,794	15,472	15,005	95	78	4 001	24,729	65,144	2,634	2,167
46	29	96 614	8 230,545	125 933,149	15,301	14,834	96	79	2 760	16,169	40,415	2,500	2,032
47	30	96 391	7 783,451	117 702,604	15,122	14,655	97	80	1 834	10,181	24,246	2,381	1,914
48	31	96 139	7 358,395	109 919,153	14,938	14,471	98	81	1 180	6,210	14,065	2,265	1,797
49	32	95 856	6 954,238	102 560,758	14,748	14,281	99	82	734	3,660	7,854	2,146	1,679
							100	83	433	2,048	4,194	2,048	1,581

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	6 572,336	95 753,197	14,569	14,102
1							51	33	95 236	6 207,598	89 180,861	14,366	13,899
2							52	34	94 862	5 860,874	82 973,262	14,157	13,690
3							53	35	94 446	5 531,019	77 112,389	13,942	13,475
4							54	36	93 976	5 216,570	71 581,370	13,722	13,255
5							55	37	93 461	4 917,506	66 364,800	13,496	13,028
6							56	38	92 883	4 632,296	61 447,294	13,265	12,798
7							57	39	92 243	4 360,574	56 814,998	13,029	12,562
8							58	40	91 531	4 101,355	52 454,424	12,790	12,322
9							59	41	90 767	3 855,071	48 353,070	12,543	12,076
10							60	42	89 912	3 619,688	44 497,999	12,293	11,826
11							61	43	88 981	3 395,461	40 878,311	12,039	11,572
12							62	44	87 960	3 181,502	37 482,850	11,781	11,314
13							63	45	86 844	2 977,379	34 301,348	11,521	11,053
14							64	46	85 627	2 782,604	31 323,969	11,257	10,790
15							65	47	84 316	2 597,183	28 541,365	10,989	10,522
16							66	48	82 914	2 420,842	25 944,183	10,717	10,250
17							67	49	81 398	2 252,665	23 523,341	10,442	9,975
18	0	99 448	37 936,106	686 268,960	18,090	17,623	68	50	79 791	2 093,091	21 270,676	10,162	9,695
19	1	99 122	35 840,567	648 332,854	18,089	17,622	69	51	78 080	1 941,424	19 177,585	9,878	9,411
20	2	99 060	33 950,840	612 492,287	18,041	17,573	70	52	76 275	1 797,675	17 236,160	9,588	9,121
21	3	99 006	32 163,385	578 541,446	17,988	17,520	71	53	74 394	1 661,928	15 438,485	9,290	8,822
22	4	98 957	30 471,252	546 378,061	17,931	17,464	72	54	72 359	1 532,196	13 776,557	8,991	8,524
23	5	98 906	28 867,937	515 906,809	17,871	17,404	73	55	70 263	1 410,252	12 244,361	8,682	8,215
24	6	98 858	27 349,618	487 038,871	17,808	17,341	74	56	68 025	1 294,153	10 834,109	8,372	7,904
25	7	98 805	25 910,042	459 689,254	17,742	17,275	75	57	65 681	1 184,414	9 539,957	8,055	7,587
26	8	98 757	24 547,264	433 779,212	17,671	17,204	76	58	63 194	1 080,156	8 355,543	7,735	7,268
27	9	98 706	23 255,620	409 231,947	17,597	17,130	77	59	60 573	981,391	7 275,387	7,413	6,946
28	10	98 657	22 032,157	385 976,327	17,519	17,052	78	60	57 865	888,638	6 293,996	7,083	6,616
29	11	98 605	20 872,741	363 944,171	17,436	16,969	79	61	54 994	800,517	5 405,358	6,752	6,285
30	12	98 549	19 773,308	343 071,429	17,350	16,883	80	62	51 981	717,216	4 604,841	6,420	5,953
31	13	98 491	18 731,390	323 298,121	17,260	16,793	81	63	48 781	637,971	3 887,625	6,094	5,627
32	14	98 427	17 743,285	304 566,731	17,165	16,698	82	64	45 437	563,265	3 249,654	5,769	5,302
33	15	98 357	16 806,455	286 823,447	17,066	16,599	83	65	41 971	493,166	2 686,389	5,447	4,980
34	16	98 277	15 917,277	270 016,992	16,964	16,497	84	66	38 345	427,077	2 193,222	5,135	4,668
35	17	98 195	15 074,936	254 099,715	16,856	16,389	85	67	34 605	365,322	1 766,145	4,834	4,367
36	18	98 109	14 276,400	239 024,779	16,743	16,275	86	68	30 787	308,078	1 400,823	4,547	4,080
37	19	98 006	13 517,987	224 748,379	16,626	16,159	87	69	26 979	255,893	1 092,745	4,270	3,803
38	20	97 892	12 798,372	211 230,392	16,504	16,037	88	70	23 226	208,816	836,853	4,008	3,540
39	21	97 777	12 116,849	198 432,020	16,377	15,909	89	71	19 570	166,767	628,036	3,766	3,299
40	22	97 647	11 469,956	186 315,171	16,244	15,777	90	72	16 111	130,139	461,269	3,544	3,077
41	23	97 510	10 856,720	174 845,215	16,105	15,638	91	73	12 960	99,227	331,130	3,337	2,870
42	24	97 353	10 274,119	163 988,495	15,961	15,494	92	74	10 186	73,921	231,903	3,137	2,670
43	25	97 199	9 723,128	153 714,376	15,809	15,342	93	75	7 761	53,387	157,983	2,959	2,492
44	26	97 025	9 199,749	143 991,247	15,652	15,184	94	76	5 742	37,440	104,596	2,794	2,327
45	27	96 840	8 703,471	134 791,498	15,487	15,020	95	77	4 099	25,336	67,156	2,651	2,183
46	28	96 637	8 232,504	126 088,027	15,316	14,849	96	78	2 837	16,621	41,820	2,516	2,049
47	29	96 415	7 785,372	117 855,523	15,138	14,671	97	79	1 892	10,505	25,199	2,399	1,932
48	30	96 167	7 360,477	110 070,151	14,954	14,487	98	80	1 223	6,437	14,694	2,283	1,815
49	31	95 887	6 956,478	102 709,674	14,765	14,297	99	81	765	3,814	8,256	2,165	1,697
							100	82	454	2,149	4,442	2,067	1,600

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	6 574,453	95 887,121	14,585	14,118
1							51	32	95 268	6 209,684	89 312,668	14,383	13,916
2							52	33	94 895	5 862,927	83 102,984	14,174	13,707
3							53	34	94 482	5 533,132	77 240,057	13,960	13,492
4							54	35	94 020	5 219,007	71 706,926	13,740	13,272
5							55	36	93 506	4 919,852	66 487,919	13,514	13,047
6							56	37	92 929	4 634,636	61 568,067	13,284	12,817
7							57	38	92 294	4 362,991	56 933,431	13,049	12,582
8							58	39	91 591	4 104,025	52 570,440	12,809	12,342
9							59	40	90 824	3 857,513	48 466,414	12,564	12,097
10							60	41	89 978	3 622,343	44 608,901	12,315	11,848
11							61	42	89 053	3 398,203	40 986,559	12,061	11,594
12							62	43	88 039	3 184,354	37 588,356	11,804	11,337
13							63	44	86 926	2 980,198	34 404,002	11,544	11,077
14							64	45	85 719	2 785,600	31 423,804	11,281	10,814
15							65	46	84 416	2 600,262	28 638,204	11,014	10,546
16							66	47	83 022	2 423,991	26 037,942	10,742	10,275
17							67	48	81 521	2 256,088	23 613,951	10,467	10,000
18							68	49	79 926	2 096,622	21 357,863	10,187	9,720
19	0	99 410	35 944,514	648 632,443	18,045	17,578	69	50	78 224	1 945,011	19 261,241	9,903	9,436
20	1	99 082	33 958,393	612 687,929	18,042	17,575	70	51	76 434	1 801,416	17 316,230	9,613	9,145
21	2	99 019	32 167,612	578 729,536	17,991	17,524	71	52	74 558	1 665,600	15 514,814	9,315	8,848
22	3	98 966	30 474,291	546 561,924	17,935	17,468	72	53	72 539	1 536,003	13 849,214	9,016	8,549
23	4	98 915	28 870,595	516 087,633	17,876	17,409	73	54	70 457	1 414,146	12 313,211	8,707	8,240
24	5	98 864	27 351,476	487 217,038	17,813	17,346	74	55	68 237	1 298,193	10 899,065	8,396	7,928
25	6	98 812	25 911,934	459 865,562	17,747	17,280	75	56	65 904	1 188,433	9 600,871	8,079	7,611
26	7	98 762	24 548,434	433 953,628	17,677	17,210	76	57	63 432	1 084,228	8 412,439	7,759	7,292
27	8	98 713	23 257,296	409 405,195	17,603	17,136	77	58	60 827	985,504	7 328,210	7,436	6,969
28	9	98 662	22 033,328	386 147,899	17,526	17,058	78	59	58 135	892,776	6 342,706	7,104	6,637
29	10	98 611	20 873,902	364 114,571	17,444	16,976	79	60	55 277	804,643	5 449,931	6,773	6,306
30	11	98 557	19 774,829	343 240,669	17,357	16,890	80	61	52 273	721,245	4 645,288	6,441	5,973
31	12	98 497	18 732,574	323 465,840	17,268	16,800	81	62	49 081	641,901	3 924,043	6,113	5,646
32	13	98 434	17 744,687	304 733,266	17,173	16,706	82	63	45 747	567,099	3 282,142	5,788	5,320
33	14	98 367	16 808,005	286 988,579	17,075	16,607	83	64	42 284	496,847	2 715,044	5,465	4,997
34	15	98 288	15 919,120	270 180,574	16,972	16,505	84	65	38 655	430,528	2 218,196	5,152	4,685
35	16	98 208	15 076,864	254 261,454	16,864	16,397	85	66	34 910	368,550	1 787,669	4,851	4,383
36	17	98 121	14 278,251	239 184,590	16,752	16,284	86	67	31 078	310,988	1 419,119	4,563	4,096
37	18	98 022	13 520,182	224 906,340	16,635	16,168	87	68	27 257	258,531	1 108,131	4,286	3,819
38	19	97 908	12 800,476	211 386,158	16,514	16,047	88	69	23 498	211,255	849,600	4,022	3,554
39	20	97 793	12 118,833	198 585,681	16,387	15,919	89	70	19 818	168,887	638,345	3,780	3,313
40	21	97 664	11 471,904	186 466,849	16,254	15,787	90	71	16 337	131,962	469,458	3,558	3,090
41	22	97 526	10 858,541	174 994,945	16,116	15,649	91	72	13 157	100,733	337,496	3,350	2,883
42	23	97 369	10 275,800	164 136,403	15,973	15,506	92	73	10 359	75,179	236,764	3,149	2,682
43	24	97 215	9 724,726	153 860,603	15,822	15,354	93	74	7 905	54,376	161,585	2,972	2,504
44	25	97 044	9 201,538	144 135,877	15,664	15,197	94	75	5 860	38,209	107,209	2,806	2,339
45	26	96 857	8 705,022	134 934,339	15,501	15,034	95	76	4 192	25,910	69,000	2,663	2,196
46	27	96 658	8 234,231	126 229,317	15,330	14,863	96	77	2 907	17,029	43,090	2,530	2,063
47	28	96 438	7 787,225	117 995,086	15,152	14,685	97	78	1 945	10,799	26,062	2,413	1,946
48	29	96 190	7 362,294	110 207,860	14,969	14,502	98	79	1 262	6,642	15,263	2,298	1,831
49	30	95 914	6 958,445	102 845,567	14,780	14,313	99	80	793	3,954	8,621	2,180	1,713
							100	81	474	2,239	4,667	2,084	1,617

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	6 576,313	96 009,295	14,599	14,132
1							51	31	95 298	6 211,684	89 432,983	14,398	13,930
2							52	32	94 927	5 864,897	83 221,298	14,190	13,723
3							53	33	94 516	5 535,070	77 356,401	13,976	13,509
4							54	34	94 056	5 221,000	71 821,331	13,756	13,289
5							55	35	93 549	4 922,150	66 600,331	13,531	13,064
6							56	36	92 974	4 636,847	61 678,181	13,302	12,835
7							57	37	92 341	4 365,195	57 041,334	13,067	12,600
8							58	38	91 642	4 106,300	52 676,138	12,828	12,361
9							59	39	90 884	3 860,025	48 569,838	12,583	12,116
10							60	40	90 035	3 624,638	44 709,813	12,335	11,868
11							61	41	89 118	3 400,696	41 085,176	12,081	11,614
12							62	42	88 110	3 186,925	37 684,480	11,825	11,358
13							63	43	87 004	2 982,869	34 497,555	11,565	11,098
14							64	44	85 800	2 788,237	31 514,685	11,303	10,836
15							65	45	84 507	2 603,062	28 726,448	11,036	10,568
16							66	46	83 120	2 426,865	26 123,386	10,764	10,297
17							67	47	81 627	2 259,023	23 696,521	10,490	10,023
18							68	48	80 047	2 099,808	21 437,498	10,209	9,742
19							69	49	78 356	1 948,292	19 337,690	9,925	9,458
20	0	99 370	34 056,881	612 965,174	17,998	17,531	70	50	76 575	1 804,744	17 389,398	9,635	9,168
21	1	99 041	32 174,768	578 908,293	17,993	17,525	71	51	74 713	1 669,066	15 584,655	9,337	8,870
22	2	98 979	30 478,296	546 733,525	17,938	17,471	72	52	72 699	1 539,397	13 915,589	9,040	8,572
23	3	98 925	28 873,474	516 255,230	17,880	17,413	73	53	70 632	1 417,660	12 376,192	8,730	8,263
24	4	98 873	27 353,994	487 381,756	17,818	17,350	74	54	68 426	1 301,779	10 958,532	8,418	7,951
25	5	98 819	25 913,694	460 027,762	17,752	17,285	75	55	66 109	1 192,143	9 656,753	8,100	7,633
26	6	98 769	24 550,226	434 114,067	17,683	17,216	76	56	63 647	1 087,907	8 464,610	7,781	7,313
27	7	98 718	23 258,404	409 563,841	17,609	17,142	77	57	61 057	989,220	7 376,703	7,457	6,990
28	8	98 669	22 034,916	386 305,437	17,532	17,064	78	58	58 378	896,517	6 387,483	7,125	6,658
29	9	98 616	20 875,011	364 270,521	17,450	16,983	79	59	55 535	808,389	5 490,966	6,792	6,325
30	10	98 562	19 775,928	343 395,510	17,364	16,897	80	60	52 543	724,962	4 682,577	6,459	5,992
31	11	98 505	18 734,015	323 619,582	17,274	16,807	81	61	49 357	645,507	3 957,615	6,131	5,664
32	12	98 441	17 745,809	304 885,567	17,181	16,714	82	62	46 029	570,592	3 312,108	5,805	5,338
33	13	98 374	16 809,334	287 139,759	17,082	16,615	83	63	42 572	500,229	2 741,517	5,481	5,013
34	14	98 298	15 920,589	270 330,425	16,980	16,513	84	64	38 944	433,741	2 241,288	5,167	4,700
35	15	98 219	15 078,609	254 409,836	16,872	16,405	85	65	35 192	371,527	1 807,547	4,865	4,398
36	16	98 134	14 280,076	239 331,227	16,760	16,293	86	66	31 353	313,736	1 436,020	4,577	4,110
37	17	98 035	13 521,935	225 051,151	16,643	16,176	87	67	27 514	260,973	1 122,284	4,300	3,833
38	18	97 924	12 802,554	211 529,216	16,522	16,055	88	68	23 740	213,433	861,311	4,036	3,568
39	19	97 809	12 120,825	198 726,661	16,395	15,928	89	69	20 050	170,860	647,878	3,792	3,325
40	20	97 680	11 473,782	186 605,836	16,264	15,796	90	70	16 545	133,639	477,018	3,569	3,102
41	21	97 543	10 860,385	175 132,054	16,126	15,659	91	71	13 341	102,144	343,379	3,362	2,895
42	22	97 385	10 277,524	164 271,669	15,984	15,516	92	72	10 516	76,320	241,235	3,161	2,694
43	23	97 231	9 726,317	153 994,144	15,833	15,366	93	73	8 039	55,302	164,916	2,982	2,515
44	24	97 060	9 203,050	144 267,828	15,676	15,209	94	74	5 969	38,917	109,614	2,817	2,349
45	25	96 876	8 706,715	135 064,778	15,513	15,046	95	75	4 278	26,442	70,697	2,674	2,207
46	26	96 675	8 235,699	126 358,063	15,343	14,876	96	76	2 973	17,414	44,255	2,541	2,074
47	27	96 458	7 788,859	118 122,363	15,166	14,698	97	77	1 992	11,064	26,841	2,426	1,959
48	28	96 213	7 364,046	110 333,504	14,983	14,516	98	78	1 297	6,828	15,777	2,311	1,844
49	29	95 938	6 960,163	102 969,458	14,794	14,327	99	79	818	4,080	8,950	2,194	1,727
							100	80	491	2,321	4,870	2,098	1,631

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	6 577,936	96 120,642	14,613	14,145
1							51	30	95 325	6 213,441	89 542,706	14,411	13,944
2							52	31	94 957	5 866,786	83 329,264	14,204	13,736
3							53	32	94 547	5 536,930	77 462,478	13,990	13,523
4							54	33	94 089	5 222,829	71 925,548	13,771	13,304
5							55	34	93 585	4 924,030	66 702,719	13,546	13,079
6							56	35	93 017	4 639,013	61 778,689	13,317	12,850
7							57	36	92 385	4 367,278	57 139,676	13,084	12,616
8							58	37	91 688	4 108,375	52 772,397	12,845	12,378
9							59	38	90 934	3 862,165	48 664,023	12,600	12,133
10							60	39	90 094	3 626,997	44 801,858	12,352	11,885
11							61	40	89 175	3 402,850	41 174,861	12,100	11,633
12							62	41	88 174	3 189,263	37 772,010	11,843	11,376
13							63	42	87 074	2 985,278	34 582,747	11,584	11,117
14							64	43	85 877	2 790,737	31 597,469	11,322	10,855
15							65	44	84 587	2 605,526	28 806,733	11,056	10,589
16							66	45	83 210	2 429,478	26 201,206	10,785	10,318
17							67	46	81 724	2 261,701	23 771,728	10,511	10,043
18							68	47	80 151	2 102,540	21 510,026	10,230	9,763
19							69	48	78 475	1 951,252	19 407,486	9,946	9,479
20							70	49	76 704	1 807,788	17 456,234	9,656	9,189
21	0	99 329	32 268,083	579 164,912	17,949	17,481	71	50	74 851	1 672,149	15 648,446	9,358	8,891
22	1	99 001	30 485,076	546 896,829	17,940	17,473	72	51	72 850	1 542,600	13 976,297	9,060	8,593
23	2	98 938	28 877,268	516 411,753	17,883	17,416	73	52	70 788	1 420,792	12 433,698	8,751	8,284
24	3	98 883	27 356,722	487 534,485	17,821	17,354	74	53	68 596	1 305,013	11 012,905	8,439	7,972
25	4	98 828	25 916,080	460 177,763	17,756	17,289	75	54	66 292	1 195,436	9 707,892	8,121	7,654
26	5	98 775	24 551,894	434 261,683	17,688	17,220	76	55	63 846	1 091,304	8 512,456	7,800	7,333
27	6	98 725	23 260,102	409 709,789	17,614	17,147	77	56	61 264	992,576	7 421,153	7,477	7,009
28	7	98 674	22 035,966	386 449,687	17,537	17,070	78	57	58 598	899,898	6 428,576	7,144	6,676
29	8	98 623	20 876,516	364 413,721	17,456	16,988	79	58	55 767	811,777	5 528,679	6,811	6,343
30	9	98 568	19 776,979	343 537,205	17,371	16,903	80	59	52 787	728,337	4 716,902	6,476	6,009
31	10	98 510	18 735,056	323 760,226	17,281	16,814	81	60	49 612	648,833	3 988,565	6,147	5,680
32	11	98 448	17 747,174	305 025,170	17,187	16,720	82	61	46 287	573,797	3 339,731	5,820	5,353
33	12	98 381	16 810,396	287 277,997	17,089	16,622	83	62	42 834	503,310	2 765,934	5,495	5,028
34	13	98 305	15 921,847	270 467,600	16,987	16,520	84	63	39 209	436,693	2 262,624	5,181	4,714
35	14	98 228	15 080,000	254 545,753	16,880	16,413	85	64	35 455	374,300	1 825,931	4,878	4,411
36	15	98 145	14 281,730	239 465,753	16,767	16,300	86	65	31 606	316,270	1 451,631	4,590	4,123
37	16	98 047	13 523,664	225 184,023	16,651	16,184	87	66	27 757	263,279	1 135,361	4,312	3,845
38	17	97 937	12 804,214	211 660,359	16,531	16,063	88	67	23 964	215,449	872,082	4,048	3,581
39	18	97 825	12 122,793	198 856,145	16,403	15,936	89	68	20 256	172,622	656,633	3,804	3,337
40	19	97 696	11 475,668	186 733,352	16,272	15,805	90	69	16 738	135,200	484,011	3,580	3,113
41	20	97 559	10 862,163	175 257,684	16,135	15,668	91	70	13 510	103,442	348,811	3,372	2,905
42	21	97 401	10 279,270	164 395,520	15,993	15,526	92	71	10 664	77,389	245,369	3,171	2,703
43	22	97 247	9 727,949	154 116,250	15,843	15,375	93	72	8 161	56,141	167,980	2,992	2,525
44	23	97 076	9 204,556	144 388,302	15,687	15,219	94	73	6 070	39,579	111,839	2,826	2,359
45	24	96 892	8 708,146	135 183,746	15,524	15,057	95	74	4 358	26,932	72,260	2,683	2,216
46	25	96 694	8 237,301	126 475,601	15,354	14,887	96	75	3 034	17,772	45,329	2,551	2,083
47	26	96 475	7 790,248	118 238,300	15,178	14,711	97	76	2 038	11,314	27,557	2,436	1,968
48	27	96 233	7 365,591	110 448,053	14,995	14,528	98	77	1 329	6,995	16,243	2,322	1,855
49	28	95 961	6 961,820	103 082,462	14,807	14,340	99	78	841	4,194	9,247	2,205	1,738
							100	79	506	2,395	5,054	2,110	1,643

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	28	95 679	6 579,502	96 222,172	14,625	14,157
							51	29	95 349	6 214,975	89 642,670	14,424	13,956
							52	30	94 984	5 868,446	83 427,695	14,216	13,749
							53	31	94 578	5 538,713	77 559,249	14,003	13,536
							54	32	94 121	5 224,584	72 020,536	13,785	13,318
							55	33	93 618	4 925,755	66 795,951	13,561	13,093
							56	34	93 053	4 640,785	61 870,196	13,332	12,865
							57	35	92 428	4 369,318	57 229,411	13,098	12,631
							58	36	91 732	4 110,335	52 860,093	12,860	12,393
							59	37	90 980	3 864,116	48 749,758	12,616	12,149
							60	38	90 144	3 629,008	44 885,642	12,369	11,901
							61	39	89 233	3 405,066	41 256,634	12,116	11,649
							62	40	88 230	3 191,283	37 851,568	11,861	11,394
							63	41	87 138	2 987,468	34 660,285	11,602	11,135
							64	42	85 946	2 792,990	31 672,817	11,340	10,873
							65	43	84 663	2 607,862	28 879,827	11,074	10,607
							66	44	83 289	2 431,778	26 271,965	10,804	10,336
							67	45	81 812	2 264,137	23 840,186	10,529	10,062
							68	46	80 246	2 105,033	21 576,049	10,250	9,783
							69	47	78 577	1 953,791	19 471,017	9,966	9,499
							70	48	76 821	1 810,535	17 517,226	9,675	9,208
							71	49	74 978	1 674,970	15 706,691	9,377	8,910
22	0	99 289	30 573,490	547 134,407	17,896	17,429	72	50	72 985	1 545,449	14 031,721	9,079	8,612
23	1	98 960	28 883,692	516 560,917	17,884	17,417	73	51	70 935	1 423,749	12 486,272	8,770	8,303
24	2	98 896	27 360,317	487 677,225	17,824	17,357	74	52	68 747	1 307,896	11 062,523	8,458	7,991
25	3	98 838	25 918,664	460 316,908	17,760	17,293	75	53	66 457	1 198,406	9 754,627	8,140	7,672
26	4	98 785	24 554,155	434 398,244	17,691	17,224	76	54	64 022	1 094,318	8 556,221	7,819	7,352
27	5	98 732	23 261,683	409 844,089	17,619	17,152	77	55	61 455	995,675	7 461,903	7,494	7,027
28	6	98 681	22 037,575	386 582,406	17,542	17,075	78	56	58 797	902,951	6 466,228	7,161	6,694
29	7	98 628	20 877,510	364 544,832	17,461	16,994	79	57	55 978	814,838	5 563,277	6,827	6,360
30	8	98 575	19 778,405	343 667,322	17,376	16,909	80	58	53 008	731,390	4 748,439	6,492	6,025
31	9	98 515	18 736,052	323 888,917	17,287	16,820	81	59	49 843	651,854	4 017,049	6,162	5,695
32	10	98 454	17 748,160	305 152,865	17,193	16,726	82	60	46 526	576,754	3 365,195	5,835	5,368
33	11	98 388	16 811,689	287 404,705	17,096	16,628	83	61	43 075	506,138	2 788,441	5,509	5,042
34	12	98 312	15 922,853	270 593,016	16,994	16,527	84	62	39 450	439,383	2 282,304	5,194	4,727
35	13	98 236	15 081,192	254 670,163	16,887	16,419	85	63	35 696	376,848	1 842,921	4,890	4,423
36	14	98 154	14 283,047	239 588,970	16,774	16,307	86	64	31 842	318,631	1 466,073	4,601	4,134
37	15	98 059	13 525,230	225 305,923	16,658	16,191	87	65	27 982	265,405	1 147,442	4,323	3,856
38	16	97 949	12 805,852	211 780,693	16,538	16,071	88	66	24 176	217,353	882,037	4,058	3,591
39	17	97 837	12 124,365	198 974,841	16,411	15,944	89	67	20 448	174,252	664,684	3,814	3,347
40	18	97 712	11 477,531	186 850,476	16,280	15,812	90	68	16 910	136,594	490,432	3,590	3,123
41	19	97 575	10 863,949	175 372,945	16,143	15,675	91	69	13 668	104,650	353,838	3,381	2,914
42	20	97 417	10 280,953	164 508,996	16,001	15,534	92	70	10 799	78,372	249,187	3,180	2,712
43	21	97 264	9 729,601	154 228,044	15,851	15,384	93	71	8 276	56,927	170,815	3,001	2,533
44	22	97 092	9 206,100	144 498,443	15,696	15,229	94	72	6 162	40,180	113,887	2,834	2,367
45	23	96 908	8 709,570	135 292,343	15,534	15,067	95	73	4 432	27,390	73,708	2,691	2,224
46	24	96 710	8 238,654	126 582,773	15,364	14,897	96	74	3 090	18,101	46,318	2,559	2,092
47	25	96 494	7 791,762	118 344,119	15,188	14,721	97	75	2 079	11,547	28,217	2,444	1,977
48	26	96 251	7 366,904	110 552,356	15,007	14,539	98	76	1 359	7,154	16,670	2,330	1,863
49	27	95 981	6 963,280	103 185,452	14,819	14,351	99	77	861	4,296	9,516	2,215	1,748
							100	78	521	2,462	5,220	2,120	1,653

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	6 580,882	96 314,677	14,636	14,168
1							51	28	95 371	6 216,455	89 733,795	14,435	13,968
2							52	29	95 008	5 869,894	83 517,340	14,228	13,761
3							53	30	94 605	5 540,280	77 647,446	14,015	13,548
4							54	31	94 151	5 226,267	72 107,166	13,797	13,330
5							55	32	93 649	4 927,410	66 880,898	13,573	13,106
6							56	33	93 085	4 642,411	61 953,488	13,345	12,878
7							57	34	92 463	4 370,987	57 311,077	13,112	12,645
8							58	35	91 775	4 112,255	52 940,090	12,874	12,407
9							59	36	91 023	3 865,959	48 827,835	12,630	12,163
10							60	37	90 189	3 630,842	44 961,876	12,383	11,916
11							61	38	89 282	3 406,953	41 331,034	12,131	11,664
12							62	39	88 288	3 193,361	37 924,081	11,876	11,409
13							63	40	87 193	2 989,360	34 730,720	11,618	11,151
14							64	41	86 009	2 795,039	31 741,359	11,356	10,889
15							65	42	84 732	2 609,968	28 946,320	11,091	10,623
16							66	43	83 363	2 433,959	26 336,352	10,820	10,353
17							67	44	81 890	2 266,280	23 902,394	10,547	10,080
18							68	45	80 333	2 107,299	21 636,113	10,267	9,800
19							69	46	78 671	1 956,107	19 528,814	9,984	9,516
20							70	47	76 921	1 812,890	17 572,707	9,693	9,226
21							71	48	75 092	1 677,515	15 759,816	9,395	8,928
22							72	49	73 108	1 548,056	14 082,301	9,097	8,630
23	0	99 247	28 967,463	516 780,916	17,840	17,373	73	50	71 066	1 426,379	12 534,245	8,787	8,320
24	1	98 918	27 366,403	487 813,454	17,825	17,358	74	51	68 890	1 310,618	11 107,866	8,475	8,008
25	2	98 851	25 922,070	460 447,050	17,763	17,296	75	52	66 603	1 201,054	9 797,248	8,157	7,690
26	3	98 794	24 556,603	434 524,980	17,695	17,228	76	53	64 181	1 097,037	8 596,195	7,836	7,369
27	4	98 741	23 263,824	409 968,377	17,623	17,155	77	54	61 625	998,425	7 499,158	7,511	7,044
28	5	98 688	22 039,072	386 704,553	17,546	17,079	78	55	58 981	905,770	6 500,733	7,177	6,710
29	6	98 635	20 879,035	364 665,481	17,466	16,998	79	56	56 168	817,603	5 594,962	6,843	6,376
30	7	98 579	19 779,347	343 786,446	17,381	16,914	80	57	53 208	734,147	4 777,360	6,507	6,040
31	8	98 523	18 737,402	324 007,099	17,292	16,825	81	58	50 051	654,586	4 043,213	6,177	5,710
32	9	98 459	17 749,104	305 269,697	17,199	16,732	82	59	46 742	579,439	3 388,626	5,848	5,381
33	10	98 394	16 812,624	287 520,594	17,101	16,634	83	60	43 297	508,746	2 809,187	5,522	5,055
34	11	98 319	15 924,078	270 707,970	17,000	16,533	84	61	39 672	441,851	2 300,441	5,206	4,739
35	12	98 242	15 082,145	254 783,892	16,893	16,426	85	62	35 916	379,169	1 858,590	4,902	4,435
36	13	98 162	14 284,176	239 701,746	16,781	16,314	86	63	32 059	320,799	1 479,421	4,612	4,144
37	14	98 068	13 526,478	225 417,570	16,665	16,198	87	64	28 191	267,386	1 158,622	4,333	3,866
38	15	97 961	12 807,334	211 891,092	16,545	16,077	88	65	24 371	219,109	891,235	4,068	3,600
39	16	97 850	12 125,915	199 083,758	16,418	15,951	89	66	20 628	175,792	672,126	3,823	3,356
40	17	97 724	11 479,020	186 957,843	16,287	15,820	90	67	17 070	137,884	496,335	3,600	3,132
41	18	97 591	10 865,713	175 478,823	16,150	15,683	91	68	13 809	105,729	358,450	3,390	2,923
42	19	97 433	10 282,643	164 613,111	16,009	15,542	92	69	10 925	79,288	252,721	3,187	2,720
43	20	97 280	9 731,194	154 330,468	15,859	15,392	93	70	8 381	57,651	173,433	3,008	2,541
44	21	97 109	9 207,664	144 599,274	15,704	15,237	94	71	6 249	40,742	115,782	2,842	2,375
45	22	96 924	8 711,032	135 391,611	15,543	15,075	95	72	4 499	27,806	75,040	2,699	2,232
46	23	96 725	8 240,002	126 680,579	15,374	14,907	96	73	3 142	18,409	47,234	2,566	2,099
47	24	96 510	7 793,043	118 440,578	15,198	14,731	97	74	2 118	11,761	28,825	2,451	1,984
48	25	96 269	7 368,337	110 647,535	15,017	14,549	98	75	1 387	7,301	17,064	2,337	1,870
49	26	95 998	6 964,522	103 279,198	14,829	14,362	99	76	881	4,394	9,763	2,222	1,755
							100	77	533	2,522	5,370	2,129	1,662

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	6 582,055	96 398,848	14,646	14,179
1							51	27	95 391	6 217,759	89 816,793	14,445	13,978
2							52	28	95 030	5 871,291	83 599,034	14,239	13,771
3							53	29	94 628	5 541,648	77 727,743	14,026	13,559
4							54	30	94 178	5 227,746	72 186,095	13,808	13,341
5							55	31	93 679	4 928,997	66 958,350	13,585	13,117
6							56	32	93 117	4 643,971	62 029,352	13,357	12,890
7							57	33	92 496	4 372,518	57 385,381	13,124	12,657
8							58	34	91 810	4 113,826	53 012,863	12,887	12,419
9							59	35	91 066	3 867,765	48 899,037	12,643	12,176
10							60	36	90 232	3 632,574	45 031,272	12,397	11,929
11							61	37	89 328	3 408,675	41 398,698	12,145	11,678
12							62	38	88 337	3 195,132	37 990,024	11,890	11,423
13							63	39	87 250	2 991,307	34 794,892	11,632	11,165
14							64	40	86 064	2 796,810	31 803,585	11,371	10,904
15							65	41	84 794	2 611,882	29 006,775	11,106	10,639
16							66	42	83 431	2 435,924	26 394,893	10,836	10,368
17							67	43	81 963	2 268,312	23 958,969	10,562	10,095
18							68	44	80 409	2 109,294	21 690,657	10,283	9,816
19							69	45	78 755	1 958,214	19 581,362	10,000	9,532
20							70	46	77 012	1 815,040	17 623,149	9,710	9,242
21							71	47	75 189	1 679,697	15 808,109	9,411	8,944
22							72	48	73 219	1 550,409	14 128,412	9,113	8,646
23							73	49	71 186	1 428,785	12 578,003	8,803	8,336
24	0	99 205	27 445,773	488 017,224	17,781	17,314	74	50	69 018	1 313,039	11 149,218	8,491	8,024
25	1	98 873	25 927,837	460 571,451	17,764	17,296	75	51	66 742	1 203,553	9 836,179	8,173	7,705
26	2	98 807	24 559,830	434 643,614	17,697	17,230	76	52	64 323	1 099,461	8 632,626	7,852	7,385
27	3	98 751	23 266,144	410 083,783	17,626	17,159	77	53	61 778	1 000,906	7 533,166	7,526	7,059
28	4	98 697	22 041,101	386 817,640	17,550	17,083	78	54	59 144	908,272	6 532,260	7,192	6,725
29	5	98 642	20 880,453	364 776,539	17,470	17,003	79	55	56 343	820,155	5 623,988	6,857	6,390
30	6	98 586	19 780,791	343 896,085	17,385	16,918	80	56	53 389	736,638	4 803,833	6,521	6,054
31	7	98 527	18 738,295	324 115,294	17,297	16,830	81	57	50 240	657,054	4 067,195	6,190	5,723
32	8	98 466	17 750,383	305 376,999	17,204	16,737	82	58	46 938	581,868	3 410,140	5,861	5,393
33	9	98 399	16 813,517	287 626,617	17,107	16,640	83	59	43 498	511,114	2 828,273	5,534	5,066
34	10	98 325	15 924,963	270 813,099	17,006	16,538	84	60	39 876	444,128	2 317,158	5,217	4,750
35	11	98 250	15 083,305	254 888,136	16,899	16,432	85	61	36 118	381,299	1 873,030	4,912	4,445
36	12	98 168	14 285,079	239 804,831	16,787	16,320	86	62	32 256	322,775	1 491,731	4,622	4,154
37	13	98 075	13 527,547	225 519,751	16,671	16,204	87	63	28 382	269,206	1 168,955	4,342	3,875
38	14	97 970	12 808,516	211 992,204	16,551	16,084	88	64	24 553	220,744	899,749	4,076	3,609
39	15	97 861	12 127,319	199 183,689	16,424	15,957	89	65	20 795	177,212	679,005	3,832	3,364
40	16	97 737	11 480,487	187 056,370	16,293	15,826	90	66	17 221	139,102	501,793	3,607	3,140
41	17	97 603	10 867,122	175 575,882	16,157	15,689	91	67	13 940	106,728	362,691	3,398	2,931
42	18	97 449	10 284,312	164 708,761	16,016	15,548	92	68	11 038	80,105	255,963	3,195	2,728
43	19	97 296	9 732,793	154 424,449	15,866	15,399	93	69	8 479	58,324	175,857	3,015	2,548
44	20	97 124	9 209,171	144 691,655	15,712	15,245	94	70	6 328	41,260	117,533	2,849	2,381
45	21	96 940	8 712,511	135 482,484	15,550	15,083	95	71	4 562	28,195	76,273	2,705	2,238
46	22	96 742	8 241,384	126 769,973	15,382	14,915	96	72	3 190	18,689	48,077	2,573	2,105
47	23	96 526	7 794,317	118 528,589	15,207	14,740	97	73	2 154	11,961	29,389	2,457	1,990
48	24	96 285	7 369,547	110 734,272	15,026	14,559	98	74	1 413	7,436	17,428	2,344	1,877
49	25	96 017	6 965,876	103 364,724	14,839	14,372	99	75	899	4,484	9,992	2,228	1,761
							100	76	545	2,579	5,508	2,135	1,668

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	6 583,335	96 475,624	14,655	14,187
1							51	26	95 408	6 218,867	89 892,289	14,455	13,988
2							52	27	95 050	5 872,523	83 673,422	14,248	13,781
3							53	28	94 650	5 542,967	77 800,899	14,036	13,569
4							54	29	94 201	5 229,036	72 257,932	13,819	13,351
5							55	30	93 706	4 930,392	67 028,896	13,595	13,128
6							56	31	93 147	4 645,467	62 098,504	13,368	12,900
7							57	32	92 527	4 373,988	57 453,037	13,135	12,668
8							58	33	91 842	4 115,267	53 079,050	12,898	12,431
9							59	34	91 101	3 869,243	48 963,783	12,655	12,187
10							60	35	90 274	3 634,271	45 094,540	12,408	11,941
11							61	36	89 370	3 410,301	41 460,269	12,157	11,690
12							62	37	88 381	3 196,746	38 049,969	11,903	11,436
13							63	38	87 298	2 992,965	34 853,223	11,645	11,178
14							64	39	86 120	2 798,631	31 860,258	11,384	10,917
15							65	40	84 847	2 613,537	29 061,627	11,120	10,652
16							66	41	83 492	2 437,711	26 448,090	10,850	10,382
17							67	42	82 029	2 270,144	24 010,379	10,577	10,109
18							68	43	80 481	2 111,185	21 740,235	10,298	9,830
19							69	44	78 830	1 960,067	19 629,050	10,014	9,547
20							70	45	77 095	1 816,994	17 668,983	9,724	9,257
21							71	46	75 278	1 681,689	15 851,988	9,426	8,959
22							72	47	73 314	1 552,426	14 170,300	9,128	8,661
23							73	48	71 294	1 430,956	12 617,874	8,818	8,351
24							74	49	69 134	1 315,254	11 186,918	8,506	8,038
25	0	99 160	26 003,034	460 760,235	17,719	17,252	75	50	66 865	1 205,776	9 871,664	8,187	7,720
26	1	98 829	24 565,294	434 757,201	17,698	17,231	76	51	64 457	1 101,748	8 665,888	7,866	7,398
27	2	98 764	23 269,202	410 191,907	17,628	17,161	77	52	61 914	1 003,117	7 564,139	7,541	7,073
28	3	98 706	22 043,299	386 922,705	17,553	17,086	78	53	59 291	910,528	6 561,022	7,206	6,739
29	4	98 651	20 882,376	364 879,406	17,473	17,006	79	54	56 499	822,420	5 650,494	6,871	6,403
30	5	98 593	19 782,135	343 997,031	17,389	16,922	80	55	53 556	738,938	4 828,073	6,534	6,067
31	6	98 534	18 739,663	324 214,896	17,301	16,834	81	56	50 411	659,284	4 089,135	6,202	5,735
32	7	98 471	17 751,228	305 475,233	17,209	16,741	82	57	47 115	584,062	3 429,851	5,872	5,405
33	8	98 406	16 814,729	287 724,004	17,111	16,644	83	58	43 681	513,257	2 845,790	5,545	5,077
34	9	98 330	15 925,810	270 909,275	17,011	16,544	84	59	40 062	446,196	2 332,533	5,228	4,760
35	10	98 255	15 084,144	254 983,466	16,904	16,437	85	60	36 304	383,264	1 886,337	4,922	4,455
36	11	98 176	14 286,178	239 899,321	16,792	16,325	86	61	32 437	324,589	1 503,073	4,631	4,164
37	12	98 082	13 528,402	225 613,144	16,677	16,210	87	62	28 557	270,865	1 178,484	4,351	3,884
38	13	97 978	12 809,528	212 084,742	16,557	16,090	88	63	24 720	222,247	907,620	4,084	3,617
39	14	97 870	12 128,438	199 275,213	16,430	15,963	89	64	20 950	178,535	685,373	3,839	3,372
40	15	97 748	11 481,816	187 146,776	16,299	15,832	90	65	17 360	140,226	506,839	3,614	3,147
41	16	97 616	10 868,511	175 664,959	16,163	15,696	91	66	14 063	107,671	366,612	3,405	2,938
42	17	97 462	10 285,646	164 796,448	16,022	15,555	92	67	11 142	80,862	258,942	3,202	2,735
43	18	97 311	9 734,373	154 510,802	15,873	15,406	93	68	8 566	58,926	178,080	3,022	2,555
44	19	97 140	9 210,685	144 776,429	15,718	15,251	94	69	6 402	41,742	119,154	2,855	2,387
45	20	96 956	8 713,937	135 565,744	15,557	15,090	95	70	4 620	28,554	77,411	2,711	2,244
46	21	96 758	8 242,784	126 851,807	15,389	14,922	96	71	3 235	18,951	48,858	2,578	2,111
47	22	96 542	7 795,625	118 609,023	15,215	14,748	97	72	2 187	12,142	29,907	2,463	1,996
48	23	96 301	7 370,753	110 813,397	15,034	14,567	98	73	1 437	7,563	17,765	2,349	1,882
49	24	96 032	6 967,020	103 442,645	14,847	14,380	99	74	915	4,567	10,203	2,234	1,767
							100	75	557	2,632	5,635	2,141	1,674

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 785 506,601	17,855	17,387	50	50	94 198	5 754,733	77 597,594	13,484	13,017
1	1	99 373	93 969,924	1 685 506,601	17,937	17,469	51	51	93 723	5 414,339	71 842,861	13,269	12,801
2	2	99 327	88 819,214	1 591 536,678	17,919	17,451	52	52	93 193	5 091,030	66 428,522	13,048	12,581
3	3	99 301	83 967,593	1 502 717,464	17,896	17,429	53	53	92 616	4 784,405	61 337,492	12,820	12,353
4	4	99 279	79 384,651	1 418 749,871	17,872	17,404	54	54	91 970	4 492,675	56 553,087	12,588	12,120
5	5	99 259	75 052,753	1 339 365,220	17,846	17,378	55	55	91 257	4 215,472	52 060,412	12,350	11,882
6	6	99 243	70 960,599	1 264 312,467	17,817	17,350	56	56	90 456	3 951,257	47 844,940	12,109	11,641
7	7	99 227	67 091,280	1 193 351,868	17,787	17,319	57	57	89 579	3 700,193	43 893,683	11,863	11,395
8	8	99 212	63 434,104	1 126 260,587	17,755	17,287	58	58	88 612	3 461,213	40 193,490	11,613	11,145
9	9	99 198	59 976,077	1 062 826,483	17,721	17,253	59	59	87 560	3 234,180	36 732,277	11,358	10,890
10	10	99 184	56 707,400	1 002 850,406	17,685	17,217	60	60	86 397	3 017,700	33 498,097	11,101	10,633
11	11	99 172	53 617,045	946 143,006	17,646	17,179	61	61	85 133	2 811,863	30 480,397	10,840	10,372
12	12	99 157	50 694,294	892 525,961	17,606	17,138	62	62	83 760	2 616,109	27 668,535	10,576	10,109
13	13	99 142	47 930,594	841 831,667	17,564	17,096	63	63	82 269	2 429,819	25 052,426	10,310	9,843
14	14	99 125	45 316,645	793 901,073	17,519	17,051	64	64	80 655	2 252,604	22 622,606	10,043	9,575
15	15	99 104	42 843,372	748 584,428	17,473	17,005	65	65	78 926	2 084,458	20 370,002	9,772	9,305
16	16	99 077	40 502,841	705 741,056	17,424	16,957	66	66	77 091	1 925,304	18 285,545	9,497	9,030
17	17	99 041	38 286,905	665 238,215	17,375	16,908	67	67	75 132	1 774,357	16 360,241	9,220	8,753
18	18	99 002	36 190,765	626 951,310	17,324	16,856	68	68	73 083	1 632,125	14 585,884	8,937	8,469
19	19	98 948	34 204,182	590 760,545	17,272	16,804	69	69	70 917	1 497,631	12 953,759	8,649	8,182
20	20	98 892	32 326,015	556 556,362	17,217	16,749	70	70	68 620	1 370,335	11 456,128	8,360	7,893
21	21	98 835	30 550,720	524 230,348	17,159	16,692	71	71	66 234	1 250,756	10 085,793	8,064	7,596
22	22	98 778	28 872,982	493 679,627	17,098	16,631	72	72	63 690	1 137,321	8 835,037	7,768	7,301
23	23	98 720	27 287,031	464 806,645	17,034	16,566	73	73	61 089	1 031,560	7 697,715	7,462	6,995
24	24	98 662	25 788,278	437 519,614	16,966	16,498	74	74	58 335	931,493	6 666,155	7,156	6,689
25	25	98 601	24 370,904	411 731,336	16,894	16,427	75	75	55 488	837,852	5 734,662	6,844	6,377
26	26	98 538	23 031,115	387 360,432	16,819	16,351	76	76	52 510	749,772	4 896,810	6,531	6,063
27	27	98 477	21 765,355	364 329,317	16,739	16,271	77	77	49 424	667,339	4 147,038	6,214	5,747
28	28	98 412	20 568,324	342 563,962	16,655	16,187	78	78	46 298	591,148	3 479,699	5,886	5,419
29	29	98 343	19 436,329	321 995,638	16,567	16,099	79	79	43 025	519,477	2 888,551	5,560	5,093
30	30	98 271	18 365,907	302 559,309	16,474	16,006	80	80	39 636	452,543	2 369,074	5,235	4,767
31	31	98 191	17 353,208	284 193,402	16,377	15,909	81	81	36 105	389,816	1 916,531	4,916	4,449
32	32	98 103	16 394,958	266 840,195	16,276	15,808	82	82	32 491	331,721	1 526,715	4,602	4,135
33	33	98 010	15 488,831	250 445,236	16,169	15,702	83	83	28 815	278,193	1 194,994	4,296	3,828
34	34	97 907	14 631,254	234 956,405	16,059	15,591	84	84	25 074	228,912	916,801	4,005	3,537
35	35	97 801	13 820,699	220 325,151	15,942	15,474	85	85	21 372	184,503	687,889	3,728	3,261
36	36	97 682	13 053,254	206 504,452	15,820	15,353	86	86	17 779	145,144	503,385	3,468	3,001
37	37	97 549	12 326,721	193 451,197	15,694	15,226	87	87	14 398	111,150	358,242	3,223	2,755
38	38	97 402	11 638,966	181 124,476	15,562	15,094	88	88	11 298	82,473	247,091	2,996	2,528
39	39	97 249	10 988,840	169 485,510	15,423	14,956	89	89	8 548	59,005	164,618	2,790	2,322
40	40	97 074	10 372,586	158 496,670	15,280	14,813	90	90	6 217	40,580	105,613	2,603	2,135
41	41	96 892	9 790,251	148 124,084	15,130	14,662	91	91	4 330	26,726	65,032	2,433	1,966
42	42	96 681	9 237,714	138 333,833	14,975	14,507	92	92	2 887	16,849	38,306	2,273	1,806
43	43	96 466	8 716,031	129 096,119	14,811	14,344	93	93	1 819	10,041	21,457	2,137	1,669
44	44	96 226	8 221,596	120 380,088	14,642	14,174	94	94	1 086	5,668	11,416	2,014	1,547
45	45	95 968	7 753,738	112 158,492	14,465	13,998	95	95	611	3,015	5,748	1,906	1,439
46	46	95 685	7 310,488	104 404,754	14,282	13,814	96	96	323	1,508	2,733	1,813	1,345
47	47	95 375	6 890,562	97 094,266	14,091	13,623	97	97	160	0,704	1,225	1,739	1,272
48	48	95 029	6 492,259	90 203,703	13,894	13,426	98	98	75	0,313	0,521	1,662	1,195
49	49	94 635	6 113,851	83 711,444	13,692	13,225	99	99	33	0,131	0,207	1,587	1,119
							100	100	13	0,050	0,077	1,526	1,059

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0	1	99 711	99 710,813	1 784 304,578	17,895	17,427	50	51	94 025	5 744,121	76 989,089	13,403	12,936
1	2	99 351	93 949,024	1 684 593,765	17,931	17,463	51	52	93 528	5 403,096	71 244,967	13,186	12,718
2	3	99 314	88 807,543	1 590 644,742	17,911	17,444	52	53	92 988	5 079,807	65 841,871	12,961	12,494
3	4	99 291	83 959,221	1 501 837,199	17,888	17,420	53	54	92 387	4 772,547	60 762,064	12,732	12,264
4	5	99 270	79 377,344	1 417 877,978	17,863	17,395	54	55	91 717	4 480,301	55 989,518	12,497	12,029
5	6	99 252	75 047,654	1 338 500,635	17,835	17,368	55	56	90 973	4 202,352	51 509,217	12,257	11,790
6	7	99 236	70 955,418	1 263 452,981	17,806	17,339	56	57	90 150	3 937,896	47 306,865	12,013	11,546
7	8	99 222	67 088,085	1 192 497,563	17,775	17,308	57	58	89 242	3 686,294	43 368,969	11,765	11,297
8	9	99 205	63 429,532	1 125 409,478	17,743	17,275	58	59	88 248	3 446,768	39 682,676	11,513	11,045
9	10	99 192	59 972,889	1 061 979,945	17,708	17,240	59	60	87 154	3 219,191	36 235,908	11,256	10,789
10	11	99 179	56 704,248	1 002 007,056	17,671	17,203	60	61	85 954	3 002,229	33 016,717	10,997	10,530
11	12	99 164	53 612,921	945 302,808	17,632	17,164	61	62	84 657	2 796,155	30 014,488	10,734	10,267
12	13	99 151	50 691,091	891 689,887	17,591	17,123	62	63	83 248	2 600,094	27 218,333	10,468	10,001
13	14	99 134	47 926,805	840 998,796	17,548	17,080	63	64	81 713	2 413,393	24 618,239	10,201	9,733
14	15	99 116	45 312,464	793 071,991	17,502	17,035	64	65	80 057	2 235,915	22 204,846	9,931	9,463
15	16	99 092	42 838,412	747 759,527	17,455	16,988	65	66	78 293	2 067,753	19 968,931	9,657	9,190
16	17	99 064	40 497,663	704 921,115	17,406	16,939	66	67	76 416	1 908,443	17 901,178	9,380	8,912
17	18	99 029	38 281,941	664 423,451	17,356	16,888	67	68	74 429	1 757,752	15 992,735	9,098	8,631
18	19	98 986	36 184,891	626 141,510	17,304	16,836	68	69	72 338	1 615,470	14 234,983	8,812	8,344
19	20	98 932	34 198,560	589 956,620	17,251	16,783	69	70	70 098	1 480,339	12 619,512	8,525	8,057
20	21	98 875	32 320,723	555 758,059	17,195	16,728	70	71	67 759	1 353,135	11 139,173	8,232	7,765
21	22	98 818	30 545,533	523 437,336	17,136	16,669	71	72	65 319	1 233,478	9 786,038	7,934	7,466
22	23	98 761	28 868,138	492 891,803	17,074	16,606	72	73	62 738	1 120,321	8 552,560	7,634	7,166
23	24	98 704	27 282,568	464 023,665	17,008	16,540	73	74	60 066	1 014,296	7 432,239	7,327	6,860
24	25	98 646	25 784,042	436 741,097	16,938	16,471	74	75	57 274	914,547	6 417,943	7,018	6,550
25	26	98 582	24 366,166	410 957,055	16,866	16,398	75	76	54 371	820,994	5 503,396	6,703	6,236
26	27	98 521	23 027,010	386 590,889	16,789	16,321	76	77	51 346	733,166	4 682,402	6,387	5,919
27	28	98 457	21 760,790	363 563,879	16,707	16,240	77	78	48 241	651,364	3 949,236	6,063	5,595
28	29	98 389	20 563,429	341 803,090	16,622	16,154	78	79	45 039	575,064	3 297,872	5,735	5,267
29	30	98 319	19 431,533	321 239,661	16,532	16,064	79	80	41 699	503,473	2 722,809	5,408	4,940
30	31	98 243	18 360,713	301 808,128	16,438	15,970	80	81	38 238	436,586	2 219,336	5,083	4,616
31	32	98 159	17 347,620	283 447,414	16,339	15,872	81	82	34 646	374,062	1 782,750	4,766	4,298
32	33	98 070	16 389,451	266 099,795	16,236	15,768	82	83	30 964	316,129	1 408,688	4,456	3,988
33	34	97 976	15 483,407	249 710,344	16,128	15,660	83	84	27 224	262,838	1 092,559	4,157	3,689
34	35	97 870	14 625,668	234 226,937	16,015	15,547	84	85	23 474	214,310	829,721	3,872	3,404
35	36	97 755	13 814,246	219 601,269	15,897	15,429	85	86	19 797	170,907	615,411	3,601	3,133
36	37	97 635	13 047,030	205 787,023	15,773	15,305	86	87	16 263	132,766	444,504	3,348	2,880
37	38	97 499	12 320,497	192 739,993	15,644	15,176	87	88	12 971	100,136	311,738	3,113	2,646
38	39	97 348	11 632,517	180 419,496	15,510	15,042	88	89	10 018	73,129	211,602	2,894	2,426
39	40	97 186	10 981,690	168 786,979	15,370	14,902	89	90	7 447	51,405	138,474	2,694	2,226
40	41	97 012	10 366,019	157 805,289	15,223	14,756	90	91	5 302	34,610	87,068	2,516	2,048
41	42	96 821	9 783,075	147 439,270	15,071	14,603	91	92	3 611	22,292	52,458	2,353	1,886
42	43	96 603	9 230,260	137 656,195	14,914	14,446	92	93	2 344	13,683	30,166	2,205	1,737
43	44	96 380	8 708,224	128 425,935	14,748	14,280	93	94	1 438	7,938	16,484	2,077	1,609
44	45	96 135	8 213,819	119 717,710	14,575	14,108	94	95	837	4,367	8,546	1,957	1,489
45	46	95 865	7 745,398	111 503,891	14,396	13,929	95	96	456	2,249	4,179	1,858	1,391
46	47	95 572	7 301,831	103 758,493	14,210	13,742	96	97	233	1,087	1,930	1,776	1,309
47	48	95 251	6 881,609	96 456,662	14,017	13,549	97	98	113	0,497	0,844	1,698	1,231
48	49	94 884	6 482,409	89 575,053	13,818	13,351	98	99	51	0,213	0,347	1,626	1,158
49	50	94 476	6 103,555	83 092,643	13,614	13,146	99	100	22	0,086	0,134	1,555	1,088

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	1 783 312,476	17,889	17,421	50	52	93 830	5 732,194	76 330,388	13,316	12,849
1	3	99 338	93 936,678	1 683 623,840	17,923	17,455	51	53	93 322	5 391,185	70 598,195	13,095	12,628
2	4	99 304	88 798,688	1 589 687,161	17,902	17,435	52	54	92 757	5 067,216	65 207,009	12,868	12,401
3	5	99 282	83 951,492	1 500 888,473	17,878	17,410	53	55	92 132	4 759,402	60 139,793	12,636	12,168
4	6	99 263	79 371,950	1 416 936,980	17,852	17,384	54	56	91 431	4 466,356	55 380,391	12,399	11,932
5	7	99 245	75 042,174	1 337 565,030	17,824	17,357	55	57	90 665	4 188,141	50 914,035	12,157	11,689
6	8	99 231	70 952,038	1 262 522,856	17,794	17,326	56	58	89 811	3 923,104	46 725,893	11,910	11,443
7	9	99 215	67 083,250	1 191 570,817	17,763	17,295	57	59	88 870	3 670,909	42 802,790	11,660	11,192
8	10	99 200	63 426,161	1 124 487,567	17,729	17,260	58	60	87 833	3 430,794	39 131,881	11,406	10,938
9	11	99 187	59 969,555	1 061 061,406	17,693	17,226	59	61	86 708	3 202,687	35 701,087	11,147	10,680
10	12	99 171	56 699,887	1 001 091,851	17,656	17,188	60	62	85 474	2 985,458	32 498,400	10,886	10,418
11	13	99 158	53 609,533	944 391,964	17,616	17,149	61	63	84 139	2 779,037	29 512,942	10,620	10,152
12	14	99 143	50 687,084	890 782,431	17,574	17,107	62	64	82 685	2 582,517	26 733,905	10,352	9,884
13	15	99 125	47 922,384	840 095,347	17,530	17,063	63	65	81 108	2 395,513	24 151,389	10,082	9,614
14	16	99 104	45 307,218	792 172,963	17,484	17,017	64	66	79 415	2 217,997	21 755,876	9,809	9,341
15	17	99 079	42 832,936	746 865,745	17,437	16,969	65	67	77 607	2 049,645	19 537,879	9,532	9,065
16	18	99 051	40 492,412	704 032,809	17,387	16,919	66	68	75 701	1 890,584	17 488,235	9,250	8,783
17	19	99 012	38 275,727	663 540,396	17,336	16,868	67	69	73 670	1 739,816	15 597,651	8,965	8,498
18	20	98 970	36 178,943	625 264,669	17,283	16,815	68	70	71 502	1 596,818	13 857,835	8,678	8,211
19	21	98 915	34 192,963	589 085,726	17,228	16,761	69	71	69 218	1 461,758	12 261,017	8,388	7,920
20	22	98 859	32 315,235	554 892,763	17,171	16,704	70	72	66 823	1 334,442	10 799,259	8,093	7,625
21	23	98 801	30 540,408	522 577,528	17,111	16,643	71	73	64 342	1 215,040	9 464,816	7,790	7,322
22	24	98 745	28 863,416	492 037,120	17,047	16,580	72	74	61 688	1 101,571	8 249,776	7,489	7,022
23	25	98 688	27 278,086	463 173,704	16,980	16,512	73	75	58 974	995,844	7 148,205	7,178	6,710
24	26	98 627	25 779,029	435 895,617	16,909	16,441	74	76	56 121	896,146	6 152,361	6,865	6,398
25	27	98 564	24 361,823	410 116,588	16,834	16,367	75	77	53 167	802,810	5 256,215	6,547	6,080
26	28	98 500	23 022,180	385 754,765	16,756	16,288	76	78	50 117	715,615	4 453,405	6,223	5,756
27	29	98 433	21 755,611	362 732,585	16,673	16,205	77	79	46 928	633,642	3 737,790	5,899	5,431
28	30	98 365	20 558,355	340 976,974	16,586	16,118	78	80	43 651	557,347	3 104,148	5,570	5,102
29	31	98 291	19 426,038	320 418,620	16,494	16,027	79	81	40 229	485,720	2 546,801	5,243	4,776
30	32	98 211	18 354,801	300 992,582	16,399	15,931	80	82	36 693	418,941	2 061,081	4,920	4,452
31	33	98 126	17 341,793	282 637,781	16,298	15,830	81	83	33 018	356,480	1 642,140	4,607	4,139
32	34	98 036	16 383,711	265 295,988	16,193	15,725	82	84	29 255	298,680	1 285,660	4,304	3,837
33	35	97 938	15 477,495	248 912,277	16,082	15,615	83	85	25 488	246,072	986,980	4,011	3,543
34	36	97 824	14 618,839	233 434,782	15,968	15,501	84	86	21 744	198,517	740,908	3,732	3,265
35	37	97 709	13 807,659	218 815,943	15,847	15,380	85	87	18 108	156,332	542,391	3,469	3,002
36	38	97 586	13 040,442	205 008,285	15,721	15,253	86	88	14 651	119,610	386,059	3,228	2,760
37	39	97 445	12 313,670	191 967,843	15,590	15,122	87	89	11 502	88,790	266,449	3,001	2,533
38	40	97 285	11 624,948	179 654,172	15,454	14,987	88	90	8 727	63,709	177,659	2,789	2,321
39	41	97 124	10 974,737	168 029,224	15,311	14,843	89	91	6 351	43,843	113,950	2,599	2,131
40	42	96 941	10 358,421	157 054,487	15,162	14,694	90	92	4 422	28,867	70,108	2,429	1,961
41	43	96 743	9 775,182	146 696,066	15,007	14,539	91	93	2 933	18,102	41,240	2,278	1,811
42	44	96 516	9 221,993	136 920,884	14,847	14,380	92	94	1 853	10,817	23,138	2,139	1,672
43	45	96 289	8 699,988	127 698,891	14,678	14,210	93	95	1 108	6,117	12,321	2,014	1,547
44	46	96 032	8 204,984	118 998,903	14,503	14,036	94	96	624	3,257	6,205	1,905	1,438
45	47	95 752	7 736,226	110 793,919	14,321	13,854	95	97	328	1,620	2,948	1,819	1,352
46	48	95 447	7 292,344	103 057,694	14,132	13,665	96	98	164	0,766	1,328	1,732	1,265
47	49	95 106	6 871,169	95 765,350	13,937	13,470	97	99	77	0,338	0,561	1,659	1,192
48	50	94 725	6 471,493	88 894,181	13,736	13,269	98	100	34	0,140	0,223	1,592	1,124
49	51	94 302	6 092,300	82 422,688	13,529	13,061							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	1 782 258,913	17,881	17,413	50	53	93 623	5 719,558	75 618,906	13,221	12,754
1	4	99 328	93 927,313	1 682 583,376	17,914	17,446	51	54	93 091	5 377,823	69 899,349	12,998	12,530
2	5	99 295	88 790,514	1 588 656,063	17,892	17,425	52	55	92 502	5 053,260	64 521,526	12,768	12,301
3	6	99 275	83 945,789	1 499 865,549	17,867	17,399	53	56	91 846	4 744,589	59 468,266	12,534	12,066
4	7	99 256	79 366,155	1 415 919,761	17,840	17,373	54	57	91 122	4 451,253	54 723,677	12,294	11,826
5	8	99 240	75 038,600	1 336 553,606	17,812	17,344	55	58	90 325	4 172,410	50 272,424	12,049	11,581
6	9	99 224	70 946,925	1 261 515,005	17,781	17,314	56	59	89 436	3 906,730	46 100,015	11,800	11,333
7	10	99 210	67 079,684	1 190 568,080	17,749	17,281	57	60	88 458	3 653,896	42 193,284	11,547	11,080
8	11	99 194	63 422,635	1 123 488,396	17,714	17,247	58	61	87 382	3 413,205	38 539,388	11,291	10,824
9	12	99 179	59 964,944	1 060 065,761	17,678	17,211	59	62	86 223	3 184,796	35 126,184	11,029	10,562
10	13	99 165	56 696,303	1 000 100,818	17,640	17,172	60	63	84 951	2 967,181	31 941,387	10,765	10,297
11	14	99 150	53 605,296	943 404,514	17,599	17,132	61	64	83 570	2 760,250	28 974,206	10,497	10,029
12	15	99 134	50 682,408	889 799,218	17,556	17,093	62	65	82 072	2 563,383	26 213,956	10,226	9,759
13	16	99 114	47 916,836	839 116,810	17,512	17,044	63	66	80 458	2 376,316	23 650,573	9,953	9,485
14	17	99 092	45 301,426	791 199,974	17,465	16,998	64	67	78 720	2 198,572	21 274,257	9,676	9,209
15	18	99 067	42 827,382	745 898,548	17,416	16,949	65	68	76 881	2 030,464	19 075,685	9,395	8,927
16	19	99 035	40 485,840	703 071,165	17,366	16,898	66	69	74 928	1 871,292	17 045,221	9,109	8,641
17	20	98 996	38 269,436	662 585,326	17,314	16,846	67	70	72 819	1 719,728	15 173,928	8,823	8,356
18	21	98 954	36 173,021	624 315,889	17,259	16,792	68	71	70 605	1 576,775	13 454,201	8,533	8,065
19	22	98 899	34 187,157	588 142,868	17,204	16,736	69	72	68 262	1 441,565	11 877,426	8,239	7,772
20	23	98 842	32 309,814	553 955,712	17,145	16,678	70	73	65 824	1 314,495	10 435,861	7,939	7,471
21	24	98 785	30 535,413	521 645,898	17,083	16,616	71	74	63 266	1 194,705	9 121,366	7,635	7,167
22	25	98 729	28 858,675	491 110,485	17,018	16,550	72	75	60 566	1 081,531	7 926,661	7,329	6,862
23	26	98 668	27 272,783	462 251,810	16,949	16,482	73	76	57 787	975,807	6 845,130	7,015	6,547
24	27	98 609	25 774,434	434 979,027	16,876	16,409	74	77	54 878	876,298	5 869,322	6,698	6,230
25	28	98 544	24 356,713	409 204,593	16,800	16,333	75	78	51 894	783,592	4 993,024	6,372	5,904
26	29	98 477	23 016,701	384 847,880	16,720	16,253	76	79	48 754	696,145	4 209,432	6,047	5,579
27	30	98 409	21 750,242	361 831,179	16,636	16,168	77	80	45 482	614,120	3 513,287	5,721	5,253
28	31	98 337	20 552,541	340 080,937	16,547	16,079	78	81	42 112	537,694	2 899,167	5,392	4,924
29	32	98 260	19 419,783	319 528,395	16,454	15,986	79	82	38 603	466,089	2 361,473	5,067	4,599
30	33	98 178	18 348,636	300 108,613	16,356	15,888	80	83	34 968	399,250	1 895,384	4,747	4,280
31	34	98 092	17 335,719	281 759,977	16,253	15,786	81	84	31 195	336,804	1 496,134	4,442	3,975
32	35	97 998	16 377,456	264 424,258	16,146	15,678	82	85	27 389	279,628	1 159,330	4,146	3,678
33	36	97 893	15 470,268	248 046,802	16,034	15,566	83	86	23 610	227,938	879,702	3,859	3,392
34	37	97 777	14 611,868	232 576,534	15,917	15,449	84	87	19 890	181,588	651,764	3,589	3,122
35	38	97 659	13 800,687	217 964,667	15,794	15,326	85	88	16 314	140,840	470,176	3,338	2,871
36	39	97 532	13 033,216	204 163,980	15,665	15,197	86	89	12 991	106,057	329,336	3,105	2,638
37	40	97 382	12 305,658	191 130,764	15,532	15,064	87	90	10 020	77,353	223,278	2,886	2,419
38	41	97 223	11 617,588	178 825,105	15,393	14,925	88	91	7 443	54,336	145,925	2,686	2,218
39	42	97 053	10 966,693	167 207,517	15,247	14,779	89	92	5 297	36,568	91,589	2,505	2,037
40	43	96 863	10 350,064	156 240,824	15,096	14,628	90	93	3 591	23,442	55,021	2,347	1,880
41	44	96 657	9 766,426	145 890,761	14,938	14,470	91	94	2 318	14,310	31,579	2,207	1,739
42	45	96 425	9 213,270	136 124,334	14,775	14,307	92	95	1 428	8,335	17,268	2,072	1,604
43	46	96 185	8 690,630	126 911,064	14,603	14,136	93	96	826	4,561	8,934	1,959	1,491
44	47	95 918	8 195,268	118 220,435	14,425	13,958	94	97	450	2,347	4,372	1,863	1,395
45	48	95 627	7 726,174	110 025,167	14,241	13,773	95	98	232	1,143	2,025	1,772	1,304
46	49	95 303	7 281,280	102 298,993	14,050	13,582	96	99	112	0,522	0,882	1,691	1,223
47	50	94 946	6 859,597	95 017,713	13,852	13,384	97	100	50	0,222	0,360	1,623	1,155
48	51	94 550	6 459,560	88 158,115	13,648	13,180							
49	52	94 106	6 079,649	81 698,556	13,438	12,970							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	1 781 129,763	17,871	17,403	50	54	93 391	5 705,381	74 851,380	13,119	12,652
1	5	99 319	93 918,667	1 681 464,164	17,903	17,436	51	55	92 834	5 363,011	69 145,999	12,893	12,426
2	6	99 288	88 784,482	1 587 545,498	17,881	17,413	52	56	92 214	5 037,532	63 782,988	12,662	12,194
3	7	99 268	83 939,659	1 498 761,016	17,855	17,388	53	57	91 535	4 728,544	58 745,456	12,424	11,956
4	8	99 251	79 362,375	1 414 821,357	17,827	17,360	54	58	90 780	4 434,533	54 016,911	12,181	11,713
5	9	99 233	75 033,192	1 335 458,982	17,798	17,331	55	59	89 948	4 154,996	49 582,379	11,933	11,466
6	10	99 219	70 943,154	1 260 425,790	17,767	17,299	56	60	89 022	3 888,625	45 427,383	11,682	11,215
7	11	99 204	67 075,955	1 189 482,635	17,733	17,266	57	61	88 005	3 635,163	41 538,758	11,427	10,959
8	12	99 187	63 417,758	1 122 406,680	17,699	17,231	58	62	86 894	3 394,138	37 903,595	11,167	10,700
9	13	99 173	59 961,154	1 058 988,923	17,661	17,194	59	63	85 695	3 165,299	34 509,457	10,902	10,435
10	14	99 157	56 691,822	999 027,769	17,622	17,155	60	64	84 376	2 947,122	31 344,158	10,636	10,168
11	15	99 141	53 600,351	942 335,947	17,581	17,113	61	65	82 951	2 739,800	28 397,036	10,365	9,897
12	16	99 122	50 676,540	888 735,596	17,537	17,070	62	66	81 415	2 542,841	25 657,236	10,090	9,622
13	17	99 101	47 910,710	838 059,055	17,492	17,025	63	67	79 753	2 355,505	23 114,395	9,813	9,345
14	18	99 079	45 295,553	790 148,345	17,444	16,977	64	68	77 983	2 177,998	20 758,890	9,531	9,064
15	19	99 050	42 820,431	744 852,792	17,395	16,927	65	69	76 097	2 009,745	18 580,892	9,245	8,778
16	20	99 019	40 479,185	702 032,362	17,343	16,875	66	70	74 063	1 849,686	16 571,146	8,959	8,491
17	21	98 980	38 263,172	661 553,176	17,290	16,822	67	71	71 905	1 698,142	14 721,461	8,669	8,202
18	22	98 937	36 166,879	623 290,004	17,234	16,766	68	72	69 630	1 554,992	13 023,318	8,375	7,908
19	23	98 882	34 181,421	587 123,125	17,177	16,709	69	73	67 242	1 420,017	11 468,326	8,076	7,609
20	24	98 826	32 304,529	552 941,704	17,117	16,649	70	74	64 723	1 292,496	10 048,309	7,774	7,307
21	25	98 769	30 530,397	520 637,175	17,053	16,585	71	75	62 115	1 172,971	8 755,814	7,465	6,997
22	26	98 710	28 853,064	490 106,778	16,986	16,519	72	76	59 347	1 059,771	7 582,843	7,155	6,688
23	27	98 651	27 267,922	461 253,714	16,916	16,448	73	77	56 507	954,194	6 523,072	6,836	6,369
24	28	98 589	25 769,028	433 985,792	16,841	16,374	74	78	53 564	855,321	5 568,878	6,511	6,043
25	29	98 520	24 350,917	408 216,764	16,764	16,296	75	79	50 482	762,273	4 713,557	6,184	5,716
26	30	98 452	23 011,021	383 865,847	16,682	16,214	76	80	47 252	674,698	3 951,284	5,856	5,389
27	31	98 381	21 744,092	360 854,826	16,596	16,128	77	81	43 879	592,465	3 276,587	5,530	5,063
28	32	98 305	20 545,923	339 110,735	16,505	16,037	78	82	40 410	515,963	2 684,121	5,202	4,735
29	33	98 227	19 413,259	318 564,811	16,410	15,942	79	83	36 788	444,182	2 168,158	4,881	4,414
30	34	98 144	18 342,209	299 151,552	16,309	15,842	80	84	33 038	377,213	1 723,976	4,570	4,103
31	35	98 055	17 329,100	280 809,343	16,204	15,737	81	85	29 205	315,320	1 346,763	4,271	3,804
32	36	97 953	16 369,809	263 480,242	16,095	15,628	82	86	25 370	259,021	1 031,444	3,982	3,515
33	37	97 846	15 462,891	247 110,434	15,981	15,513	83	87	21 596	208,500	772,423	3,705	3,237
34	38	97 728	14 604,490	231 647,543	15,861	15,394	84	88	17 919	163,593	563,922	3,447	2,980
35	39	97 605	13 793,040	217 043,053	15,736	15,268	85	89	14 466	124,882	400,329	3,206	2,738
36	40	97 468	13 024,736	203 250,013	15,605	15,137	86	90	11 318	92,397	275,447	2,981	2,514
37	41	97 320	12 297,867	190 225,277	15,468	15,001	87	91	8 546	65,973	183,050	2,775	2,307
38	42	97 152	11 609,073	177 927,410	15,327	14,859	88	92	6 208	45,320	117,077	2,583	2,116
39	43	96 975	10 957,845	166 318,337	15,178	14,710	89	93	4 302	29,695	71,756	2,416	1,949
40	44	96 776	10 340,793	155 360,492	15,024	14,556	90	94	2 839	18,532	42,061	2,270	1,802
41	45	96 565	9 757,189	145 019,699	14,863	14,395	91	95	1 786	11,027	23,529	2,134	1,666
42	46	96 321	9 203,360	135 262,511	14,697	14,230	92	96	1 065	6,216	12,502	2,011	1,544
43	47	96 071	8 680,338	126 059,151	14,522	14,055	93	97	596	3,287	6,287	1,912	1,445
44	48	95 793	8 184,619	117 378,813	14,341	13,874	94	98	317	1,655	3,000	1,812	1,344
45	49	95 482	7 714,452	109 194,193	14,154	13,687	95	99	158	0,778	1,344	1,727	1,260
46	50	95 142	7 269,018	101 479,741	13,961	13,493	96	100	73	0,343	0,566	1,651	1,184
47	51	94 771	6 846,949	94 210,723	13,760	13,292							
48	52	94 354	6 446,147	87 363,774	13,553	13,085							
49	53	93 898	6 066,247	80 917,628	13,339	12,871							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	1 779 916,460	17,861	17,393	50	55	93 133	5 689,667	74 025,369	13,010	12,543
1	6	99 312	93 912,286	1 680 260,036	17,892	17,424	51	56	92 545	5 346,319	68 335,702	12,782	12,314
2	7	99 281	88 777,999	1 586 347,750	17,869	17,401	52	57	91 902	5 020,497	62 989,383	12,546	12,079
3	8	99 263	83 935,661	1 497 569,751	17,842	17,374	53	58	91 191	4 710,783	57 968,886	12,306	11,838
4	9	99 244	79 356,655	1 413 634,090	17,814	17,346	54	59	90 401	4 416,025	53 258,103	12,060	11,593
5	10	99 228	75 029,204	1 334 277,435	17,783	17,316	55	60	89 531	4 135,740	48 842,078	11,810	11,342
6	11	99 213	70 939,210	1 259 248,230	17,751	17,284	56	61	88 566	3 868,688	44 706,339	11,556	11,088
7	12	99 196	67 070,797	1 188 309,020	17,717	17,250	57	62	87 513	3 614,856	40 837,650	11,297	10,830
8	13	99 181	63 413,750	1 121 238,224	17,681	17,214	58	63	86 362	3 373,359	37 222,794	11,034	10,567
9	14	99 165	59 956,415	1 057 824,474	17,643	17,176	59	64	85 116	3 143,901	33 849,435	10,767	10,299
10	15	99 148	56 686,592	997 868,059	17,603	17,136	60	65	83 751	2 925,288	30 705,533	10,497	10,029
11	16	99 129	53 594,145	941 181,467	17,561	17,094	61	66	82 286	2 717,844	27 780,246	10,221	9,754
12	17	99 110	50 670,062	887 587,321	17,517	17,049	62	67	80 702	2 520,571	25 062,402	9,943	9,476
13	18	99 088	47 904,499	836 917,259	17,471	17,003	63	68	79 007	2 333,462	22 541,830	9,660	9,193
14	19	99 063	45 288,200	789 012,761	17,422	16,954	64	69	77 188	2 155,774	20 208,368	9,374	8,906
15	20	99 034	42 813,392	743 724,560	17,371	16,904	65	70	75 218	1 986,540	18 052,594	9,087	8,620
16	21	99 003	40 472,559	700 911,168	17,318	16,851	66	71	73 134	1 826,469	16 066,054	8,796	8,329
17	22	98 963	38 256,675	660 438,609	17,263	16,796	67	72	70 912	1 674,683	14 239,585	8,503	8,035
18	23	98 920	36 160,811	622 181,933	17,206	16,738	68	73	68 589	1 531,749	12 564,902	8,203	7,735
19	24	98 866	34 175,830	586 021,122	17,147	16,680	69	74	66 116	1 396,251	11 033,153	7,902	7,434
20	25	98 810	32 299,222	551 845,292	17,085	16,618	70	75	63 545	1 268,983	9 636,902	7,594	7,127
21	26	98 750	30 524,461	519 546,070	17,021	16,553	71	76	60 865	1 149,370	8 367,920	7,280	6,813
22	27	98 692	28 847,921	489 021,608	16,952	16,484	72	77	58 033	1 036,298	7 218,549	6,966	6,498
23	28	98 630	27 262,203	460 173,687	16,880	16,412	73	78	55 155	931,353	6 182,251	6,638	6,170
24	29	98 565	25 762,895	432 911,484	16,804	16,336	74	79	52 107	832,050	5 250,898	6,311	5,843
25	30	98 496	24 344,908	407 148,589	16,724	16,257	75	80	48 927	738,788	4 418,849	5,981	5,514
26	31	98 424	23 004,514	382 803,681	16,640	16,173	76	81	45 586	650,907	3 680,061	5,654	5,186
27	32	98 349	21 737,090	359 799,167	16,552	16,085	77	82	42 105	568,521	3 029,154	5,328	4,861
28	33	98 272	20 539,022	338 062,077	16,460	15,992	78	83	38 511	491,712	2 460,633	5,004	4,537
29	34	98 192	19 406,460	317 523,056	16,362	15,894	79	84	34 758	419,665	1 968,921	4,692	4,224
30	35	98 106	18 335,206	298 116,595	16,259	15,792	80	85	30 931	353,151	1 549,256	4,387	3,919
31	36	98 009	17 321,009	279 781,389	16,153	15,685	81	86	27 053	292,083	1 196,105	4,095	3,628
32	37	97 906	16 362,003	262 460,380	16,041	15,573	82	87	23 207	236,932	904,022	3,816	3,348
33	38	97 797	15 455,083	246 098,378	15,923	15,456	83	88	19 456	187,839	667,090	3,551	3,084
34	39	97 674	14 596,397	230 643,294	15,801	15,334	84	89	15 889	145,057	479,251	3,304	2,836
35	40	97 542	13 784,065	216 046,897	15,674	15,206	85	90	12 602	108,797	334,194	3,072	2,604
36	41	97 406	13 016,490	202 262,832	15,539	15,071	86	91	9 653	78,803	225,397	2,860	2,393
37	42	97 249	12 288,854	189 246,342	15,400	14,932	87	92	7 128	55,027	146,594	2,664	2,196
38	43	97 074	11 599,706	176 957,489	15,255	14,788	88	93	5 041	36,803	91,567	2,488	2,020
39	44	96 888	10 948,030	165 357,782	15,104	14,636	89	94	3 401	23,475	54,765	2,333	1,865
40	45	96 685	10 331,012	154 409,752	14,946	14,479	90	95	2 188	14,280	31,289	2,191	1,724
41	46	96 461	9 746,693	144 078,740	14,782	14,315	91	96	1 332	8,223	17,010	2,069	1,601
42	47	96 207	9 192,461	134 332,047	14,613	14,146	92	97	767	4,479	8,787	1,962	1,494
43	48	95 946	8 669,059	125 139,586	14,435	13,968	93	98	420	2,318	4,307	1,858	1,390
44	49	95 648	8 172,202	116 470,526	14,252	13,784	94	99	216	1,127	1,989	1,764	1,297
45	50	95 321	7 701,460	108 298,324	14,062	13,594	95	100	104	0,511	0,861	1,685	1,218
46	51	94 967	7 255,615	100 596,864	13,865	13,397							
47	52	94 574	6 832,731	93 341,249	13,661	13,193							
48	53	94 146	6 431,937	86 508,518	13,450	12,982							
49	54	93 666	6 051,212	80 076,581	13,233	12,766							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	1 778 612,619	17,849	17,381	50	56	92 844	5 671,959	73 138,426	12,895	12,427
1	7	99 305	93 905,428	1 678 962,965	17,879	17,412	51	57	92 232	5 328,240	67 466,467	12,662	12,194
2	8	99 276	88 773,771	1 585 057,537	17,855	17,387	52	58	91 557	5 001,639	62 138,227	12,424	11,956
3	9	99 256	83 929,612	1 496 283,766	17,828	17,360	53	59	90 811	4 691,122	57 136,588	12,180	11,712
4	10	99 239	79 352,438	1 412 354,154	17,798	17,331	54	60	89 982	4 395,559	52 445,466	11,931	11,464
5	11	99 222	75 025,033	1 333 001,716	17,767	17,300	55	61	89 072	4 114,536	48 049,907	11,678	11,211
6	12	99 205	70 933,755	1 257 976,683	17,735	17,267	56	62	88 071	3 847,077	43 935,371	11,420	10,953
7	13	99 190	67 066,558	1 187 042,929	17,699	17,232	57	63	86 977	3 592,727	40 088,293	11,158	10,691
8	14	99 173	63 408,738	1 119 976,371	17,663	17,195	58	64	85 779	3 350,555	36 495,567	10,892	10,425
9	15	99 156	59 950,884	1 056 567,633	17,624	17,156	59	65	84 485	3 120,609	33 145,012	10,621	10,154
10	16	99 137	56 680,030	996 616,750	17,583	17,116	60	66	83 080	2 901,845	30 024,403	10,347	9,879
11	17	99 117	53 587,294	939 936,720	17,540	17,073	61	67	81 566	2 694,042	27 122,558	10,068	9,600
12	18	99 097	50 663,492	886 349,426	17,495	17,027	62	68	79 946	2 496,984	24 428,516	9,783	9,316
13	19	99 072	47 896,723	835 685,933	17,448	16,980	63	69	78 201	2 309,652	21 931,532	9,496	9,028
14	20	99 046	45 280,756	787 789,211	17,398	16,930	64	70	76 296	2 130,883	19 621,880	9,208	8,741
15	21	99 018	42 806,385	742 508,454	17,346	16,878	65	71	74 274	1 961,606	17 490,998	8,917	8,449
16	22	98 986	40 465,687	699 702,070	17,291	16,824	66	72	72 123	1 801,237	15 529,392	8,622	8,154
17	23	98 947	38 250,257	659 236,382	17,235	16,767	67	73	69 852	1 649,650	13 728,155	8,322	7,854
18	24	98 904	36 154,897	620 986,126	17,176	16,708	68	74	67 441	1 506,113	12 078,505	8,020	7,552
19	25	98 850	34 170,216	584 831,229	17,115	16,648	69	75	64 914	1 370,850	10 572,392	7,712	7,245
20	26	98 790	32 292,943	550 661,013	17,052	16,584	70	76	62 267	1 243,451	9 201,541	7,400	6,932
21	27	98 732	30 519,021	518 368,070	16,985	16,518	71	77	59 517	1 123,913	7 958,091	7,081	6,613
22	28	98 671	28 841,871	487 849,049	16,915	16,447	72	78	56 643	1 011,491	6 834,177	6,757	6,289
23	29	98 607	27 255,715	459 007,178	16,841	16,373	73	79	53 654	906,013	5 822,687	6,427	5,959
24	30	98 541	25 756,538	431 751,464	16,763	16,295	74	80	50 502	806,415	4 916,674	6,097	5,629
25	31	98 468	24 338,023	405 994,926	16,682	16,214	75	81	47 202	712,737	4 110,258	5,767	5,299
26	32	98 393	22 997,106	381 656,903	16,596	16,128	76	82	43 743	624,600	3 397,521	5,440	4,972
27	33	98 316	21 729,788	358 659,796	16,505	16,038	77	83	40 126	541,799	2 772,921	5,118	4,650
28	34	98 238	20 531,828	336 930,008	16,410	15,943	78	84	36 385	464,571	2 231,122	4,803	4,335
29	35	98 155	19 399,051	316 398,180	16,310	15,842	79	85	32 541	392,895	1 766,550	4,496	4,029
30	36	98 061	18 326,645	296 999,129	16,206	15,738	80	86	28 651	327,126	1 373,655	4,199	3,732
31	37	97 962	17 312,749	278 672,484	16,096	15,629	81	87	24 746	267,174	1 046,529	3,917	3,449
32	38	97 856	16 353,741	261 359,735	15,982	15,514	82	88	20 907	213,453	779,355	3,651	3,184
33	39	97 742	15 446,519	245 005,994	15,862	15,394	83	89	17 252	166,556	565,901	3,398	2,930
34	40	97 610	14 586,900	229 559,474	15,737	15,270	84	90	13 842	126,373	399,345	3,160	2,692
35	41	97 480	13 775,338	214 972,574	15,606	15,138	85	91	10 748	92,791	272,972	2,942	2,474
36	42	97 335	13 006,949	201 197,236	15,468	15,001	86	92	8 051	65,728	180,181	2,741	2,274
37	43	97 171	12 278,938	188 190,287	15,326	14,859	87	93	5 788	44,685	114,453	2,561	2,094
38	44	96 987	11 589,317	175 911,348	15,179	14,711	88	94	3 985	29,094	69,769	2,398	1,930
39	45	96 797	10 937,674	164 322,032	15,023	14,556	89	95	2 620	18,089	40,675	2,249	1,781
40	46	96 581	10 319,900	153 384,357	14,863	14,395	90	96	1 631	10,649	22,586	2,121	1,653
41	47	96 347	9 735,151	143 064,458	14,696	14,228	91	97	960	5,926	11,937	2,014	1,547
42	48	96 082	9 180,517	133 329,306	14,523	14,055	92	98	541	3,159	6,011	1,903	1,435
43	49	95 801	8 655,907	124 148,789	14,343	13,875	93	99	286	1,579	2,852	1,806	1,339
44	50	95 487	8 158,440	115 492,882	14,156	13,689	94	100	142	0,740	1,273	1,719	1,252
45	51	95 146	7 687,260	107 334,442	13,963	13,495							
46	52	94 770	7 240,548	99 647,182	13,762	13,295							
47	53	94 366	6 817,669	92 406,634	13,554	13,086							
48	54	93 912	6 415,994	85 588,965	13,340	12,872							
49	55	93 408	6 034,545	79 172,971	13,120	12,652							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	1 777 209,875	17,836	17,368	50	57	92 530	5 652,778	72 188,580	12,770	12,303
1	8	99 300	93 900,956	1 677 567,497	17,865	17,398	51	58	91 886	5 308,226	66 535,802	12,534	12,067
2	9	99 269	88 767,373	1 583 666,541	17,841	17,373	52	59	91 175	4 980,764	61 227,576	12,293	11,825
3	10	99 251	83 925,151	1 494 899,168	17,812	17,345	53	60	90 390	4 669,381	56 246,812	12,046	11,578
4	11	99 233	79 348,026	1 410 974,017	17,782	17,315	54	61	89 520	4 373,024	51 577,431	11,794	11,327
5	12	99 214	75 019,263	1 331 625,991	17,750	17,283	55	62	88 575	4 091,552	47 204,407	11,537	11,069
6	13	99 199	70 929,272	1 256 606,728	17,716	17,249	56	63	87 532	3 823,526	43 112,855	11,276	10,808
7	14	99 182	67 061,257	1 185 677,456	17,681	17,213	57	64	86 389	3 568,439	39 289,329	11,010	10,543
8	15	99 164	63 402,888	1 118 616,199	17,643	17,175	58	65	85 143	3 325,731	35 720,890	10,741	10,273
9	16	99 145	59 943,943	1 055 213,311	17,603	17,136	59	66	83 808	3 095,601	32 395,159	10,465	9,997
10	17	99 124	56 672,784	995 269,368	17,562	17,094	60	67	82 352	2 876,432	29 299,558	10,186	9,719
11	18	99 104	53 580,346	938 596,584	17,518	17,050	61	68	80 802	2 668,831	26 423,126	9,901	9,433
12	19	99 081	50 655,269	885 016,238	17,471	17,004	62	69	79 131	2 471,505	23 754,295	9,611	9,144
13	20	99 056	47 888,850	834 360,969	17,423	16,955	63	70	77 298	2 282,984	21 282,790	9,322	8,855
14	21	99 030	45 273,345	786 472,119	17,372	16,904	64	71	75 339	2 104,136	18 999,806	9,030	8,562
15	22	99 001	42 799,116	741 198,774	17,318	16,851	65	72	73 248	1 934,507	16 895,670	8,734	8,266
16	23	98 969	40 458,898	698 399,658	17,262	16,794	66	73	71 045	1 774,313	14 961,163	8,432	7,965
17	24	98 930	38 244,000	657 940,760	17,204	16,736	67	74	68 683	1 622,042	13 186,850	8,130	7,662
18	25	98 888	36 148,957	619 696,760	17,143	16,675	68	75	66 214	1 478,714	11 564,809	7,821	7,353
19	26	98 830	34 163,573	583 547,802	17,081	16,613	69	76	63 608	1 343,269	10 086,095	7,509	7,041
20	27	98 773	32 287,187	549 384,229	17,016	16,548	70	77	60 887	1 215,910	8 742,826	7,190	6,723
21	28	98 711	30 512,619	517 097,042	16,947	16,479	71	78	58 092	1 097,009	7 526,917	6,861	6,394
22	29	98 648	28 835,007	486 584,423	16,875	16,407	72	79	55 102	983,971	6 429,908	6,535	6,067
23	30	98 582	27 248,989	457 749,416	16,799	16,331	73	80	52 001	878,100	5 445,937	6,202	5,734
24	31	98 513	25 749,254	430 500,427	16,719	16,251	74	81	48 721	777,980	4 567,837	5,871	5,404
25	32	98 436	24 330,186	404 751,173	16,636	16,168	75	82	45 294	683,932	3 789,857	5,541	5,074
26	33	98 360	22 989,382	380 420,986	16,548	16,080	76	83	41 687	595,243	3 105,925	5,218	4,750
27	34	98 282	21 722,178	357 431,605	16,455	15,987	77	84	37 911	511,894	2 510,683	4,905	4,437
28	35	98 200	20 523,989	335 709,427	16,357	15,889	78	85	34 064	434,937	1 998,789	4,596	4,128
29	36	98 109	19 389,993	315 185,438	16,255	15,787	79	86	30 143	363,941	1 563,852	4,297	3,829
30	37	98 014	18 317,906	295 795,445	16,148	15,680	80	87	26 208	299,229	1 199,910	4,010	3,542
31	38	97 913	17 304,007	277 477,539	16,035	15,568	81	88	22 294	240,699	900,681	3,742	3,274
32	39	97 802	16 344,679	260 173,532	15,918	15,450	82	89	18 538	189,268	659,982	3,487	3,019
33	40	97 679	15 436,469	243 828,852	15,796	15,328	83	90	15 030	145,103	470,714	3,244	2,776
34	41	97 549	14 577,665	228 392,383	15,667	15,200	84	91	11 806	107,781	325,611	3,021	2,553
35	42	97 409	13 765,242	213 814,718	15,533	15,065	85	92	8 965	77,394	217,830	2,815	2,347
36	43	97 256	12 996,455	200 049,477	15,393	14,925	86	93	6 538	53,374	140,436	2,631	2,164
37	44	97 084	12 267,940	187 053,022	15,247	14,780	87	94	4 576	35,325	87,061	2,465	1,997
38	45	96 895	11 578,355	174 785,082	15,096	14,628	88	95	3 071	22,418	51,736	2,308	1,840
39	46	96 692	10 925,909	163 206,727	14,938	14,470	89	96	1 954	13,490	29,318	2,173	1,706
40	47	96 466	10 307,679	152 280,818	14,774	14,306	90	97	1 176	7,675	15,828	2,062	1,595
41	48	96 222	9 722,502	141 973,139	14,603	14,135	91	98	677	4,180	8,154	1,951	1,483
42	49	95 936	9 166,589	132 250,637	14,427	13,960	92	99	369	2,151	3,974	1,847	1,380
43	50	95 639	8 641,330	123 084,048	14,244	13,776	93	100	188	1,037	1,823	1,758	1,291
44	51	95 311	8 143,396	114 442,718	14,053	13,586							
45	52	94 948	7 671,297	106 299,321	13,857	13,389							
46	53	94 561	7 224,587	98 628,024	13,652	13,184							
47	54	94 132	6 800,771	91 403,437	13,440	12,973							
48	55	93 654	6 398,323	84 602,666	13,223	12,755							
49	56	93 117	6 015,763	78 204,343	13,000	12,532							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	1 775 702,597	17,822	17,354	50	58	92 182	5 631,545	71 173,330	12,638	12,171
1	9	99 293	93 894,189	1 676 064,966	17,851	17,383	51	59	91 502	5 286,071	65 541,786	12,399	11,931
2	10	99 264	88 762,655	1 582 170,777	17,825	17,357	52	60	90 752	4 957,681	60 255,714	12,154	11,686
3	11	99 245	83 920,486	1 493 408,122	17,796	17,328	53	61	89 926	4 645,442	55 298,033	11,904	11,436
4	12	99 226	79 341,924	1 409 487,637	17,765	17,297	54	62	89 020	4 348,595	50 652,591	11,648	11,180
5	13	99 208	75 014,522	1 330 145,713	17,732	17,264	55	63	88 032	4 066,504	46 303,996	11,387	10,919
6	14	99 191	70 923,666	1 255 131,191	17,697	17,229	56	64	86 940	3 797,678	42 237,492	11,122	10,654
7	15	99 173	67 055,071	1 184 207,525	17,660	17,193	57	65	85 749	3 542,001	38 439,814	10,853	10,385
8	16	99 152	63 395,548	1 117 152,454	17,622	17,154	58	66	84 461	3 299,080	34 897,813	10,578	10,110
9	17	99 132	59 936,280	1 053 756,906	17,581	17,114	59	67	83 074	3 068,490	31 598,733	10,298	9,830
10	18	99 111	56 665,436	993 820,627	17,538	17,071	60	68	81 582	2 849,514	28 530,242	10,012	9,545
11	19	99 088	53 571,649	937 155,191	17,493	17,026	61	69	79 978	2 641,599	25 680,728	9,722	9,254
12	20	99 064	50 646,943	883 583,542	17,446	16,978	62	70	78 217	2 442,968	23 039,130	9,431	8,963
13	21	99 039	47 881,012	832 936,599	17,396	16,928	63	71	76 327	2 254,328	20 596,161	9,136	8,669
14	22	99 013	45 265,658	785 055,588	17,343	16,876	64	72	74 298	2 075,069	18 341,833	8,839	8,372
15	23	98 985	42 791,935	739 789,930	17,288	16,820	65	73	72 153	1 905,590	16 266,765	8,536	8,069
16	24	98 953	40 452,281	696 997,995	17,230	16,763	66	74	69 856	1 744,618	14 361,174	8,232	7,764
17	25	98 914	38 237,718	656 545,714	17,170	16,703	67	75	67 433	1 592,533	12 616,557	7,922	7,455
18	26	98 869	36 141,930	618 307,996	17,108	16,640	68	76	64 882	1 448,962	11 024,024	7,608	7,141
19	27	98 813	34 157,484	582 166,066	17,044	16,576	69	77	62 199	1 313,517	9 575,061	7,290	6,822
20	28	98 752	32 280,415	548 008,582	16,977	16,509	70	78	59 430	1 186,803	8 261,544	6,961	6,494
21	29	98 688	30 505,358	515 728,167	16,906	16,439	71	79	56 512	1 067,162	7 074,742	6,629	6,162
22	30	98 624	28 827,891	485 222,810	16,832	16,364	72	80	53 405	953,656	6 007,580	6,300	5,832
23	31	98 554	27 241,283	456 394,919	16,754	16,286	73	81	50 167	847,137	5 053,924	5,966	5,498
24	32	98 481	25 740,963	429 153,635	16,672	16,204	74	82	46 752	746,538	4 206,787	5,635	5,167
25	33	98 403	24 322,014	403 412,672	16,586	16,119	75	83	43 165	651,786	3 460,249	5,309	4,841
26	34	98 325	22 981,330	379 090,659	16,496	16,028	76	84	39 386	562,388	2 808,464	4,994	4,526
27	35	98 244	21 713,884	356 109,329	16,400	15,932	77	85	35 493	479,241	2 246,076	4,687	4,219
28	36	98 154	20 514,406	334 395,444	16,301	15,833	78	86	31 554	402,885	1 766,835	4,385	3,918
29	37	98 062	19 380,747	313 881,038	16,196	15,728	79	87	27 572	332,905	1 363,950	4,097	3,630
30	38	97 964	18 308,657	294 500,292	16,085	15,618	80	88	23 611	269,577	1 031,045	3,825	3,357
31	39	97 858	17 294,419	276 191,635	15,970	15,502	81	89	19 768	213,427	761,467	3,568	3,100
32	40	97 739	16 334,045	258 897,216	15,850	15,383	82	90	16 150	164,889	548,041	3,324	2,856
33	41	97 617	15 426,696	242 563,171	15,724	15,256	83	91	12 818	123,755	383,152	3,096	2,628
34	42	97 477	14 566,980	227 136,475	15,593	15,125	84	92	9 847	89,897	259,396	2,885	2,418
35	43	97 330	13 754,135	212 569,495	15,455	14,987	85	93	7 280	62,848	169,499	2,697	2,229
36	44	97 169	12 984,814	198 815,360	15,311	14,844	86	94	5 169	42,195	106,650	2,528	2,060
37	45	96 992	12 256,337	185 830,546	15,162	14,694	87	95	3 526	27,219	64,456	2,368	1,900
38	46	96 791	11 565,900	173 574,210	15,007	14,540	88	96	2 290	16,718	37,236	2,227	1,760
39	47	96 578	10 912,971	162 008,309	14,845	14,378	89	97	1 408	9,722	20,518	2,111	1,643
40	48	96 341	10 294,285	151 095,338	14,678	14,210	90	98	829	5,413	10,796	1,995	1,527
41	49	96 076	9 707,752	140 801,053	14,504	14,036	91	99	461	2,846	5,383	1,891	1,424
42	50	95 775	9 151,152	131 093,301	14,325	13,858	92	100	242	1,413	2,537	1,796	1,328
43	51	95 463	8 625,397	121 942,150	14,138	13,670							
44	52	95 113	8 126,487	113 316,753	13,944	13,477							
45	53	94 739	7 654,386	105 190,266	13,742	13,275							
46	54	94 326	7 206,681	97 535,880	13,534	13,067							
47	55	93 872	6 782,040	90 329,200	13,319	12,851							
48	56	93 362	6 378,409	83 547,160	13,098	12,631							
49	57	92 802	5 995,420	77 168,751	12,871	12,404							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	1 774 081,731	17,807	17,339	50	59	91 797	5 608,041	70 090,775	12,498	12,031
1	10	99 288	93 889,198	1 674 451,280	17,834	17,367	51	60	91 078	5 261,573	64 482,734	12,255	11,788
2	11	99 258	88 757,720	1 580 562,082	17,808	17,340	52	61	90 287	4 932,264	59 221,160	12,007	11,539
3	12	99 237	83 914,032	1 491 804,361	17,778	17,310	53	62	89 424	4 619,492	54 288,896	11,752	11,285
4	13	99 219	79 336,910	1 407 890,330	17,746	17,278	54	63	88 475	4 321,974	49 669,405	11,492	11,025
5	14	99 200	75 008,593	1 328 553,420	17,712	17,244	55	64	87 437	4 039,013	45 347,431	11,227	10,760
6	15	99 182	70 917,123	1 253 544,827	17,676	17,209	56	65	86 296	3 769,542	41 308,418	10,958	10,491
7	16	99 162	67 047,308	1 182 627,704	17,639	17,171	57	66	85 062	3 513,617	37 538,876	10,684	10,216
8	17	99 139	63 387,443	1 115 580,396	17,599	17,132	58	67	83 721	3 270,187	34 025,259	10,405	9,937
9	18	99 119	59 928,509	1 052 192,953	17,557	17,090	59	68	82 297	3 039,776	30 755,072	10,118	9,650
10	19	99 095	56 656,238	992 264,444	17,514	17,046	60	69	80 749	2 820,438	27 715,296	9,827	9,359
11	20	99 071	53 562,844	935 608,206	17,467	17,000	61	70	79 054	2 611,098	24 894,858	9,534	9,067
12	21	99 048	50 638,653	882 045,363	17,418	16,951	62	71	77 235	2 412,305	22 283,760	9,238	8,770
13	22	99 023	47 872,882	831 406,710	17,367	16,899	63	72	75 273	2 223,186	19 871,456	8,938	8,471
14	23	98 997	45 258,063	783 533,828	17,313	16,845	64	73	73 187	2 044,051	17 648,270	8,634	8,166
15	24	98 968	42 784,937	738 275,766	17,256	16,788	65	74	70 945	1 873,698	15 604,219	8,328	7,860
16	25	98 937	40 445,636	695 490,829	17,196	16,728	66	75	68 585	1 712,879	13 730,521	8,016	7,548
17	26	98 895	38 230,284	655 045,193	17,134	16,667	67	76	66 076	1 560,491	12 017,642	7,701	7,234
18	27	98 851	36 135,488	616 814,909	17,070	16,602	68	77	63 445	1 416,869	10 457,150	7,380	6,913
19	28	98 792	34 150,319	580 679,422	17,004	16,536	69	78	60 710	1 282,073	9 040,281	7,051	6,584
20	29	98 729	32 272,733	546 529,102	16,935	16,467	70	79	57 813	1 154,513	7 758,208	6,720	6,252
21	30	98 664	30 497,830	514 256,370	16,862	16,394	71	80	54 770	1 034,284	6 603,695	6,385	5,917
22	31	98 596	28 819,739	483 758,540	16,786	16,318	72	81	51 522	920,029	5 569,411	6,054	5,586
23	32	98 523	27 232,511	454 938,801	16,706	16,238	73	82	48 140	812,900	4 649,382	5,720	5,252
24	33	98 448	25 732,316	427 706,289	16,621	16,154	74	83	44 554	711,449	3 836,482	5,392	4,925
25	34	98 369	24 313,495	401 973,973	16,533	16,065	75	84	40 783	615,810	3 125,033	5,075	4,607
26	35	98 288	22 972,556	377 660,477	16,440	15,972	76	85	36 874	526,514	2 509,224	4,766	4,298
27	36	98 198	21 703,745	354 687,921	16,342	15,875	77	86	32 877	443,924	1 982,710	4,466	3,999
28	37	98 108	20 504,624	332 984,176	16,239	15,772	78	87	28 863	368,528	1 538,785	4,175	3,708
29	38	98 013	19 370,961	312 479,553	16,131	15,664	79	88	24 840	299,916	1 170,258	3,902	3,434
30	39	97 910	18 298,512	293 108,592	16,018	15,551	80	89	20 936	239,033	870,342	3,641	3,174
31	40	97 795	17 283,166	274 810,080	15,900	15,433	81	90	17 222	185,936	631,309	3,395	2,928
32	41	97 677	16 323,703	257 526,914	15,776	15,309	82	91	13 774	140,631	445,373	3,167	2,699
33	42	97 545	15 415,389	241 203,211	15,647	15,179	83	92	10 692	103,221	304,742	2,952	2,485
34	43	97 398	14 555,227	225 787,822	15,512	15,045	84	93	7 996	73,002	201,521	2,760	2,293
35	44	97 243	13 741,816	211 232,595	15,372	14,904	85	94	5 755	49,684	128,519	2,587	2,119
36	45	97 077	12 972,532	197 490,779	15,224	14,756	86	95	3 983	32,513	78,835	2,425	1,957
37	46	96 887	12 243,153	184 518,247	15,071	14,604	87	96	2 629	20,299	46,322	2,282	1,814
38	47	96 676	11 552,204	172 275,094	14,913	14,445	88	97	1 650	12,049	26,023	2,160	1,692
39	48	96 452	10 898,791	160 722,890	14,747	14,279	89	98	993	6,856	13,975	2,038	1,571
40	49	96 195	10 278,668	149 824,099	14,576	14,109	90	99	565	3,686	7,118	1,931	1,464
41	50	95 914	9 691,403	139 545,431	14,399	13,931	91	100	303	1,869	3,432	1,836	1,369
42	51	95 598	9 134,278	129 854,028	14,216	13,749							
43	52	95 265	8 607,486	120 719,750	14,025	13,557							
44	53	94 903	8 108,572	112 112,264	13,826	13,359							
45	54	94 504	7 635,414	104 003,692	13,621	13,154							
46	55	94 066	7 186,831	96 368,277	13,409	12,941							
47	56	93 580	6 760,931	89 181,446	13,191	12,723							
48	57	93 046	6 356,840	82 420,515	12,966	12,498							
49	58	92 454	5 972,900	76 063,675	12,735	12,267							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	1 772 343,074	17,790	17,323	50	60	91 372	5 582,051	68 939,249	12,350	11,883
1	11	99 282	93 883,978	1 672 717,919	17,817	17,349	51	61	90 611	5 234,598	63 357,198	12,104	11,636
2	12	99 251	88 750,894	1 578 833,940	17,789	17,322	52	62	89 783	4 904,712	58 122,600	11,850	11,383
3	13	99 231	83 908,729	1 490 083,046	17,758	17,291	53	63	88 877	4 591,212	53 217,888	11,591	11,124
4	14	99 212	79 330,639	1 406 174,318	17,725	17,258	54	64	87 877	4 292,756	48 626,677	11,328	10,860
5	15	99 191	75 001,674	1 326 843,679	17,691	17,223	55	65	86 789	4 009,089	44 333,921	11,058	10,591
6	16	99 171	70 908,913	1 251 842,005	17,654	17,187	56	66	85 604	3 739,334	40 324,831	10,784	10,316
7	17	99 149	67 038,736	1 180 933,092	17,616	17,148	57	67	84 317	3 482,845	36 585,498	10,504	10,037
8	18	99 127	63 379,225	1 113 894,356	17,575	17,107	58	68	82 938	3 239,585	33 102,652	10,218	9,751
9	19	99 103	59 918,781	1 050 515,131	17,532	17,065	59	69	81 457	3 008,758	29 863,067	9,925	9,458
10	20	99 079	56 646,925	990 596,350	17,487	17,020	60	70	79 817	2 787,872	26 854,309	9,633	9,165
11	21	99 055	53 554,076	933 949,424	17,439	16,972	61	71	78 062	2 578,324	24 066,437	9,334	8,867
12	22	99 031	50 630,054	880 395,348	17,389	16,921	62	72	76 168	2 378,980	21 488,113	9,032	8,565
13	23	99 006	47 864,849	829 765,294	17,336	16,868	63	73	74 148	2 189,954	19 109,133	8,726	8,258
14	24	98 981	45 250,661	781 900,444	17,279	16,812	64	74	71 962	2 009,841	16 919,179	8,418	7,951
15	25	98 952	42 777,908	736 649,784	17,220	16,753	65	75	69 655	1 839,612	14 909,338	8,105	7,637
16	26	98 918	40 437,272	693 871,875	17,159	16,691	66	76	67 205	1 678,416	13 069,726	7,787	7,319
17	27	98 877	38 223,470	653 434,103	17,095	16,628	67	77	64 613	1 525,928	11 391,310	7,465	6,998
18	28	98 830	36 127,908	615 210,633	17,029	16,561	68	78	61 926	1 382,952	9 865,382	7,134	6,666
19	29	98 769	34 142,192	579 082,724	16,961	16,493	69	79	59 058	1 247,191	8 482,430	6,801	6,334
20	30	98 704	32 264,769	544 940,533	16,890	16,422	70	80	56 032	1 118,944	7 235,238	6,466	5,999
21	31	98 636	30 489,206	512 675,764	16,815	16,347	71	81	52 839	997,814	6 116,294	6,130	5,662
22	32	98 564	28 810,459	482 186,558	16,737	16,269	72	82	49 439	882,846	5 118,481	5,798	5,330
23	33	98 490	27 223,364	453 376,099	16,654	16,186	73	83	45 877	774,691	4 235,635	5,468	5,000
24	34	98 414	25 723,304	426 152,735	16,567	16,099	74	84	42 095	672,180	3 460,944	5,149	4,681
25	35	98 331	24 304,213	400 429,431	16,476	16,008	75	85	38 181	576,528	2 788,764	4,837	4,370
26	36	98 242	22 961,829	376 125,218	16,380	15,913	76	86	34 156	487,713	2 212,236	4,536	4,068
27	37	98 152	21 693,396	353 163,389	16,280	15,812	77	87	30 074	406,067	1 724,522	4,247	3,779
28	38	98 058	20 494,270	331 469,993	16,174	15,706	78	88	26 003	332,008	1 318,455	3,971	3,504
29	39	97 958	19 360,227	310 975,723	16,063	15,595	79	89	22 025	265,934	986,447	3,709	3,242
30	40	97 846	18 286,606	291 615,496	15,947	15,479	80	90	18 239	208,244	720,513	3,460	2,992
31	41	97 733	17 272,224	273 328,891	15,825	15,357	81	91	14 688	158,582	512,268	3,230	2,763
32	42	97 605	16 311,739	256 056,667	15,698	15,230	82	92	11 489	117,297	353,687	3,015	2,548
33	43	97 467	15 402,951	239 744,928	15,565	15,097	83	93	8 682	83,821	236,390	2,820	2,353
34	44	97 311	14 542,190	224 341,977	15,427	14,959	84	94	6 321	57,711	152,569	2,644	2,176
35	45	97 151	13 728,818	209 799,787	15,282	14,814	85	95	4 435	38,284	94,858	2,478	2,010
36	46	96 973	12 958,578	196 070,969	15,131	14,663	86	96	2 970	24,246	56,575	2,333	1,866
37	47	96 773	12 228,655	183 112,391	14,974	14,506	87	97	1 895	14,629	32,328	2,210	1,742
38	48	96 550	11 537,194	170 883,736	14,812	14,344	88	98	1 164	8,497	17,699	2,083	1,615
39	49	96 306	10 882,256	159 346,543	14,643	14,175	89	99	676	4,669	9,202	1,971	1,503
40	50	96 033	10 261,358	148 464,286	14,468	14,001	90	100	371	2,421	4,533	1,873	1,405
41	51	95 737	9 673,533	138 202,928	14,287	13,819							
42	52	95 400	9 115,311	128 529,395	14,100	13,633							
43	53	95 055	8 588,511	119 414,085	13,904	13,436							
44	54	94 668	8 088,475	110 825,573	13,702	13,234							
45	55	94 244	7 614,384	102 737,099	13,493	13,025							
46	56	93 774	7 164,463	95 122,714	13,277	12,809							
47	57	93 264	6 738,069	87 958,251	13,054	12,586							
48	58	92 697	6 332,962	81 220,182	12,825	12,357							
49	59	92 068	5 947,972	74 887,221	12,590	12,123							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	1 770 477,711	17,772	17,305	50	61	90 903	5 553,433	67 717,328	12,194	11,726
1	12	99 275	93 876,758	1 670 858,094	17,798	17,331	51	62	90 105	5 205,357	62 163,895	11,942	11,475
2	13	99 244	88 745,285	1 576 981,336	17,770	17,302	52	63	89 233	4 874,685	56 958,538	11,685	11,217
3	14	99 223	83 902,096	1 488 236,050	17,738	17,270	53	64	88 276	4 560,174	52 083,853	11,421	10,954
4	15	99 202	79 323,321	1 404 333,954	17,704	17,236	54	65	87 226	4 260,952	47 523,679	11,153	10,686
5	16	99 180	74 992,991	1 325 010,633	17,668	17,201	55	66	86 094	3 976,962	43 262,726	10,878	10,411
6	17	99 158	70 899,848	1 250 017,643	17,631	17,163	56	67	84 855	3 706,586	39 285,765	10,599	10,131
7	18	99 136	67 030,045	1 179 117,795	17,591	17,123	57	68	83 528	3 450,253	35 579,179	10,312	9,844
8	19	99 110	63 368,937	1 112 087,750	17,549	17,082	58	69	82 091	3 206,528	32 128,926	10,200	9,552
9	20	99 087	59 908,932	1 048 718,813	17,505	17,038	59	70	80 517	2 974,018	28 922,398	9,725	9,257
10	21	99 062	56 637,653	988 809,881	17,459	16,991	60	71	78 815	2 752,879	25 948,380	9,426	8,958
11	22	99 038	53 544,983	932 172,227	17,409	16,942	61	72	76 984	2 542,706	23 195,500	9,122	8,655
12	23	99 015	50 621,560	878 627,244	17,357	16,889	62	73	75 030	2 343,419	20 380,196	8,813	8,346
13	24	98 990	47 857,021	828 005,684	17,302	16,834	63	74	72 907	2 153,303	18 309,375	8,503	8,035
14	25	98 964	45 243,227	780 148,664	17,243	16,776	64	75	70 653	1 973,278	16 156,073	8,187	7,720
15	26	98 933	42 769,592	734 905,436	17,183	16,715	65	76	68 253	1 802,599	14 182,795	7,868	7,400
16	27	98 900	40 430,565	692 135,845	17,119	16,652	66	77	65 717	1 641,241	12 380,196	7,543	7,076
17	28	98 857	38 215,453	651 705,280	17,053	16,586	67	78	63 066	1 489,400	10 738,955	7,210	6,743
18	29	98 807	36 119,310	613 489,827	16,985	16,518	68	79	60 241	1 345,325	9 249,555	6,875	6,408
19	30	98 744	34 133,767	577 370,517	16,915	16,447	69	80	57 239	1 208,767	7 904,229	6,539	6,072
20	31	98 676	32 255,645	543 236,750	16,842	16,374	70	81	54 056	1 079,488	6 695,462	6,202	5,735
21	32	98 604	30 479,388	510 981,105	16,765	16,297	71	82	50 704	957,487	5 615,974	5,865	5,398
22	33	98 531	28 800,781	480 501,717	16,684	16,216	72	83	47 115	841,350	4 658,487	5,537	5,069
23	34	98 455	27 213,829	451 700,936	16,598	16,131	73	84	43 345	731,932	3 817,137	5,215	4,748
24	35	98 376	25 713,483	424 487,107	16,508	16,041	74	85	39 410	629,303	3 085,205	4,903	4,435
25	36	98 285	24 292,864	398 773,623	16,415	15,948	75	86	35 367	534,042	2 455,903	4,599	4,131
26	37	98 195	22 950,880	374 480,759	16,317	15,849	76	87	31 244	446,122	1 921,861	4,308	3,840
27	38	98 102	21 682,442	351 529,880	16,213	15,745	77	88	27 094	365,828	1 475,739	4,034	3,566
28	39	98 004	20 482,914	329 847,437	16,104	15,636	78	89	23 056	294,391	1 109,911	3,770	3,303
29	40	97 895	19 347,630	309 364,523	15,990	15,522	79	90	19 188	231,680	815,520	3,520	3,052
30	41	97 784	18 275,028	290 016,893	15,870	15,402	80	91	15 556	177,608	583,840	3,287	2,820
31	42	97 661	17 259,564	271 741,865	15,744	15,277	81	92	12 251	132,268	406,232	3,071	2,604
32	43	97 526	16 298,578	254 482,300	15,614	15,146	82	93	9 330	95,251	273,964	2,876	2,409
33	44	97 379	15 389,155	238 183,723	15,477	15,010	83	94	6 864	66,264	178,713	2,697	2,229
34	45	97 219	14 528,435	222 794,568	15,335	14,867	84	95	4 871	44,469	112,449	2,529	2,061
35	46	97 046	13 714,050	208 266,133	15,186	14,719	85	96	3 307	28,550	67,980	2,381	1,914
36	47	96 858	12 943,233	194 552,083	15,031	14,564	86	97	2 140	17,474	39,430	2,256	1,789
37	48	96 647	12 212,765	181 608,850	14,870	14,403	87	98	1 336	10,317	21,956	2,128	1,660
38	49	96 404	11 519,691	169 396,085	14,705	14,237	88	99	793	5,787	11,639	2,011	1,544
39	50	96 144	10 863,930	157 876,394	14,532	14,065	89	100	444	3,066	5,852	1,908	1,441
40	51	95 856	10 242,437	147 012,465	14,353	13,886							
41	52	95 538	9 653,446	136 770,028	14,168	13,700							
42	53	95 189	9 095,217	127 116,582	13,976	13,509							
43	54	94 819	8 567,224	118 021,365	13,776	13,308							
44	55	94 407	8 066,197	109 454,141	13,569	13,102							
45	56	93 950	7 590,685	101 387,944	13,357	12,889							
46	57	93 457	7 140,236	93 797,259	13,136	12,669							
47	58	92 913	6 712,759	86 657,023	12,909	12,442							
48	59	92 310	6 306,531	79 944,264	12,676	12,209							
49	60	91 641	5 920,406	73 637,733	12,438	11,970							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	1 768 478,543	17,754	17,286	50	62	90 396	5 522,410	66 423,746	12,028	11,560
1	13	99 268	93 870,826	1 668 866,588	17,778	17,311	51	63	89 554	5 173,490	60 901,336	11,772	11,304
2	14	99 237	88 738,271	1 574 995,762	17,749	17,281	52	64	88 630	4 841,731	55 727,846	11,510	11,042
3	15	99 214	83 894,357	1 486 257,491	17,716	17,248	53	65	87 622	4 526,389	50 886,114	11,242	10,775
4	16	99 191	79 314,137	1 402 363,134	17,681	17,214	54	66	86 527	4 226,806	46 359,726	10,968	10,500
5	17	99 167	74 983,403	1 323 048,997	17,645	17,177	55	67	85 340	3 942,132	42 132,920	10,688	10,220
6	18	99 145	70 890,655	1 248 065,594	17,606	17,138	56	68	84 060	3 671,900	38 190,787	10,401	9,933
7	19	99 120	67 019,164	1 177 174,938	17,565	17,097	57	69	82 676	3 415,047	34 518,888	10,108	9,640
8	20	99 094	63 358,521	1 110 155,774	17,522	17,054	58	70	81 143	3 169,505	31 103,841	9,813	9,346
9	21	99 070	59 899,126	1 046 797,253	17,476	17,008	59	71	79 506	2 936,689	27 934,336	9,512	9,045
10	22	99 046	56 628,037	986 898,126	17,428	16,960	60	72	77 726	2 714,850	24 997,647	9,208	8,740
11	23	99 022	53 535,999	930 270,090	17,377	16,909	61	73	75 833	2 504,698	22 282,797	8,896	8,429
12	24	98 999	50 614,280	876 734,090	17,322	16,855	62	74	73 774	2 304,200	19 778,100	8,584	8,116
13	25	98 974	47 849,159	826 120,810	17,265	16,798	63	75	71 581	2 114,130	17 473,900	8,265	7,798
14	26	98 945	45 234,431	778 271,651	17,205	16,738	64	76	69 232	1 933,576	15 359,771	7,944	7,476
15	27	98 915	42 761,968	733 037,219	17,142	16,675	65	77	66 742	1 762,673	13 426,195	7,617	7,149
16	28	98 879	40 422,085	690 275,251	17,077	16,609	66	78	64 144	1 601,953	11 663,522	7,281	6,813
17	29	98 833	38 206,358	649 853,166	17,009	16,541	67	79	61 350	1 448,877	10 061,569	6,944	6,477
18	30	98 782	36 110,397	611 646,809	16,938	16,471	68	80	58 385	1 303,878	8 612,692	6,605	6,138
19	31	98 716	34 124,114	575 536,411	16,866	16,398	69	81	55 220	1 166,145	7 308,814	6,268	5,800
20	32	98 645	32 245,258	541 412,297	16,790	16,323	70	82	51 871	1 035,861	6 142,669	5,930	5,462
21	33	98 571	30 469,150	509 167,039	16,711	16,243	71	83	48 320	912,483	5 106,809	5,597	5,129
22	34	98 496	28 790,695	478 697,889	16,627	16,159	72	84	44 515	794,911	4 194,326	5,276	4,809
23	35	98 418	27 203,439	449 907,194	16,539	16,071	73	85	40 580	685,243	3 399,415	4,961	4,493
24	36	98 330	25 701,477	422 703,755	16,447	15,979	74	86	36 506	582,927	2 714,172	4,656	4,189
25	37	98 238	24 281,280	397 002,278	16,350	15,883	75	87	32 351	488,500	2 131,245	4,363	3,895
26	38	98 145	22 939,291	372 720,998	16,248	15,781	76	88	28 148	401,914	1 642,746	4,087	3,620
27	39	98 048	21 670,428	349 781,707	16,141	15,673	77	89	24 024	324,378	1 240,832	3,825	3,358
28	40	97 940	20 469,587	328 111,280	16,029	15,562	78	90	20 087	256,471	916,454	3,573	3,106
29	41	97 833	19 335,381	307 641,693	15,911	15,443	79	91	16 365	197,596	659,983	3,340	2,872
30	42	97 713	18 261,633	288 306,312	15,788	15,320	80	92	12 975	148,138	462,387	3,121	2,654
31	43	97 582	17 245,639	270 044,678	15,659	15,191	81	93	9 948	107,409	314,249	2,926	2,458
32	44	97 439	16 283,979	252 799,040	15,524	15,057	82	94	7 375	75,300	206,840	2,747	2,279
33	45	97 287	15 374,599	236 515,061	15,383	14,916	83	95	5 289	51,059	131,540	2,576	2,109
34	46	97 115	14 512,807	221 140,462	15,238	14,770	84	96	3 632	33,162	80,481	2,427	1,959
35	47	96 931	13 697,810	206 627,655	15,085	14,617	85	97	2 383	20,576	47,318	2,300	1,832
36	48	96 732	12 926,415	192 929,844	14,925	14,458	86	98	1 510	12,324	26,743	2,170	1,702
37	49	96 500	12 194,237	180 003,430	14,761	14,294	87	99	910	7,026	14,419	2,052	1,585
38	50	96 242	11 500,291	167 809,193	14,592	14,124	88	100	521	3,800	7,393	1,945	1,478
39	51	95 967	10 843,898	156 308,902	14,414	13,947							
40	52	95 657	10 221,169	145 465,004	14,232	13,764							
41	53	95 328	9 632,166	135 243,836	14,041	13,573							
42	54	94 954	9 072,674	125 611,670	13,845	13,377							
43	55	94 558	8 543,628	116 538,996	13,640	13,173							
44	56	94 113	8 041,092	107 995,369	13,430	12,963							
45	57	93 633	7 565,017	99 954,277	13,213	12,745							
46	58	93 106	7 113,415	92 389,260	12,988	12,520							
47	59	92 526	6 684,742	85 275,845	12,757	12,289							
48	60	91 882	6 277,303	78 591,103	12,520	12,052							
49	61	91 171	5 890,053	72 313,799	12,277	11,810							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	1 766 340,138	17,733	17,266	50	63	89 842	5 488,603	65 057,012	11,853	11,386
1	14	99 261	93 863,406	1 666 734,478	17,757	17,289	51	64	88 948	5 138,516	59 568,409	11,593	11,125
2	15	99 227	88 730,085	1 572 871,072	17,726	17,259	52	65	87 973	4 805,860	54 429,893	11,326	10,858
3	16	99 203	83 884,644	1 484 140,987	17,693	17,225	53	66	86 920	4 490,116	49 624,033	11,052	10,584
4	17	99 178	79 303,998	1 400 256,343	17,657	17,189	54	67	85 769	4 189,789	45 133,917	10,772	10,305
5	18	99 154	74 973,682	1 320 952,345	17,619	17,151	55	68	84 541	3 905,242	40 944,129	10,484	10,017
6	19	99 129	70 879,148	1 245 978,663	17,579	17,111	56	69	83 203	3 634,432	37 038,887	10,191	9,724
7	20	99 104	67 008,148	1 175 099,515	17,537	17,069	57	70	81 721	3 375,616	33 404,455	9,896	9,428
8	21	99 078	63 348,151	1 108 091,367	17,492	17,025	58	71	80 125	3 129,722	30 028,839	9,595	9,127
9	22	99 054	59 888,956	1 044 743,216	17,445	16,977	59	72	78 408	2 896,120	26 899,117	9,288	8,820
10	23	99 029	56 618,536	984 854,260	17,395	16,927	60	73	76 565	2 674,269	24 002,997	8,976	8,508
11	24	99 005	53 527,243	928 235,725	17,341	16,874	61	74	74 564	2 462,779	21 328,729	8,660	8,193
12	25	98 982	50 604,966	874 708,481	17,285	16,817	62	75	72 432	2 262,281	18 865,950	8,339	7,872
13	26	98 954	47 839,857	824 103,516	17,226	16,759	63	76	70 140	2 071,593	16 603,668	8,015	7,547
14	27	98 927	45 226,369	776 263,659	17,164	16,696	64	77	67 698	1 890,749	14 532,075	7,686	7,218
15	28	98 895	42 752,999	731 037,290	17,099	16,632	65	78	65 144	1 720,478	12 641,326	7,348	6,880
16	29	98 856	40 412,465	688 284,291	17,031	16,564	66	79	62 399	1 558,367	10 920,848	7,008	6,540
17	30	98 809	38 196,930	647 871,826	16,961	16,494	67	80	59 460	1 404,240	9 362,481	6,667	6,200
18	31	98 754	36 100,186	609 674,896	16,888	16,421	68	81	56 326	1 257,901	7 958,241	6,327	5,859
19	32	98 684	34 113,126	573 574,710	16,814	16,346	69	82	52 989	1 119,014	6 700,340	5,988	5,520
20	33	98 611	32 234,427	539 461,584	16,736	16,268	70	83	49 433	987,173	5 581,326	5,654	5,186
21	34	98 536	30 458,479	507 227,157	16,653	16,185	71	84	45 653	862,117	4 594,153	5,329	4,861
22	35	98 459	28 779,702	476 768,679	16,566	16,099	72	85	41 675	744,205	3 732,035	5,015	4,547
23	36	98 372	27 190,737	447 988,976	16,476	16,008	73	86	37 590	634,745	2 987,830	4,707	4,240
24	37	98 283	25 689,221	420 798,239	16,380	15,913	74	87	33 393	533,216	2 353,085	4,413	3,945
25	38	98 189	24 269,019	395 109,019	16,280	15,813	75	88	29 145	440,092	1 819,869	4,135	3,668
26	39	98 091	22 926,580	370 839,999	16,175	15,708	76	89	24 958	356,375	1 379,778	3,872	3,404
27	40	97 984	21 656,328	347 913,419	16,065	15,598	77	90	20 929	282,596	1 023,402	3,621	3,154
28	41	97 878	20 456,627	326 257,091	15,949	15,481	78	91	17 132	218,740	740,806	3,387	2,919
29	42	97 761	19 321,209	305 800,464	15,827	15,360	79	92	13 650	164,809	522,066	3,168	2,700
30	43	97 634	18 246,899	286 479,255	15,700	15,233	80	93	10 536	120,296	357,257	2,970	2,502
31	44	97 495	17 230,192	268 232,356	15,568	15,100	81	94	7 865	84,911	236,961	2,791	2,323
32	45	97 347	16 268,577	251 002,164	15,429	14,961	82	95	5 683	58,022	152,050	2,621	2,153
33	46	97 183	15 358,061	234 733,587	15,284	14,816	83	96	3 944	38,077	94,028	2,469	2,002
34	47	97 000	14 495,621	219 375,526	15,134	14,666	84	97	2 618	23,900	55,951	2,341	1,873
35	48	96 805	13 680,012	204 879,905	14,977	14,509	85	98	1 681	14,511	32,051	2,209	1,741
36	49	96 586	12 906,804	191 199,893	14,814	14,346	86	99	1 028	8,392	17,540	2,090	1,622
37	50	96 338	12 173,701	178 293,089	14,646	14,178	87	100	598	4,614	9,148	1,982	1,515
38	51	96 064	11 479,085	166 119,388	14,471	14,004							
39	52	95 767	10 821,380	154 640,303	14,290	13,823							
40	53	95 446	10 198,637	143 818,922	14,102	13,634							
41	54	95 091	9 608,292	133 620,285	13,907	13,439							
42	55	94 692	9 047,685	124 011,994	13,706	13,239							
43	56	94 264	8 517,036	114 964,309	13,498	13,031							
44	57	93 795	8 013,900	106 447,272	13,283	12,815							
45	58	93 281	7 536,600	98 433,372	13,061	12,593							
46	59	92 717	7 083,727	90 896,772	12,832	12,364							
47	60	92 097	6 653,762	83 813,045	12,596	12,129							
48	61	91 411	6 245,121	77 159,283	12,355	11,888							
49	62	90 662	5 857,150	70 914,162	12,107	11,640							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	1 764 053,118	17,712	17,244	50	64	89 235	5 451,499	63 616,019	11,669	11,202
1	15	99 251	93 854,747	1 664 455,330	17,734	17,267	51	65	88 289	5 100,446	58 164,521	11,404	10,936
2	16	99 216	88 719,813	1 570 600,583	17,703	17,235	52	66	87 268	4 767,347	53 064,074	11,131	10,663
3	17	99 190	83 873,920	1 481 880,770	17,668	17,200	53	67	86 158	4 450,792	48 296,727	10,851	10,384
4	18	99 165	79 293,716	1 398 006,850	17,631	17,163	54	68	84 967	4 150,581	43 845,935	10,564	10,096
5	19	99 138	74 961,512	1 318 713,134	17,592	17,124	55	69	83 679	3 865,393	39 695,354	10,269	9,802
6	20	99 113	70 867,498	1 243 751,623	17,550	17,083	56	70	82 242	3 592,467	35 829,961	9,974	9,506
7	21	99 088	66 997,180	1 172 884,125	17,506	17,039	57	71	80 695	3 333,246	32 237,493	9,672	9,204
8	22	99 061	63 337,394	1 105 886,944	17,460	16,993	58	72	79 018	3 086,487	28 904,248	9,365	8,897
9	23	99 037	59 878,908	1 042 549,550	17,411	16,943	59	73	77 236	2 852,829	25 817,761	9,050	8,582
10	24	99 013	56 609,275	982 670,642	17,359	16,891	60	74	75 283	2 629,512	22 964,932	8,734	8,266
11	25	98 989	53 518,450	926 061,367	17,304	16,836	61	75	73 207	2 417,976	20 335,420	8,410	7,943
12	26	98 963	50 595,128	872 542,917	17,246	16,778	62	76	70 975	2 216,764	17 917,444	8,083	7,615
13	27	98 937	47 831,330	821 947,789	17,184	16,717	63	77	68 587	2 025,710	15 700,680	7,751	7,283
14	28	98 907	45 216,883	774 116,459	17,120	16,652	64	78	66 078	1 845,488	13 674,970	7,410	6,942
15	29	98 871	42 742,824	728 899,576	17,053	16,586	65	79	63 371	1 673,668	11 829,482	7,068	6,600
16	30	98 831	40 402,492	686 156,752	16,983	16,515	66	80	60 476	1 510,357	10 155,815	6,724	6,257
17	31	98 781	38 186,128	645 754,260	16,911	16,443	67	81	57 364	1 354,724	8 645,458	6,382	5,914
18	32	98 723	36 088,561	607 568,131	16,835	16,368	68	82	54 050	1 207,063	7 290,734	6,040	5,572
19	33	98 651	34 101,667	571 479,570	16,758	16,291	69	83	50 498	1 066,418	6 083,671	5,705	5,237
20	34	98 577	32 223,138	537 377,903	16,677	16,209	70	84	46 705	932,685	5 017,253	5,379	4,912
21	35	98 499	30 446,850	505 154,765	16,591	16,124	71	85	42 741	807,125	4 084,568	5,061	4,593
22	36	98 413	28 766,264	474 707,915	16,502	16,035	72	86	38 604	689,362	3 277,443	4,754	4,287
23	37	98 325	27 177,771	445 941,651	16,408	15,941	73	87	34 384	580,615	2 588,082	4,457	3,990
24	38	98 234	25 676,249	418 763,880	16,309	15,842	74	88	30 084	480,377	2 007,467	4,179	3,711
25	39	98 134	24 255,572	393 087,631	16,206	15,738	75	89	25 843	390,228	1 527,090	3,913	3,446
26	40	98 027	22 911,663	368 832,059	16,098	15,630	76	90	21 744	310,472	1 136,862	3,662	3,194
27	41	97 922	21 642,617	345 920,396	15,983	15,516	77	91	17 850	241,021	826,390	3,429	2,961
28	42	97 806	20 441,634	324 277,779	15,864	15,396	78	92	14 289	182,445	585,369	3,208	2,741
29	43	97 682	19 305,620	303 836,146	15,738	15,271	79	93	11 085	133,834	402,924	3,011	2,543
30	44	97 546	18 230,555	284 530,526	15,607	15,140	80	94	8 329	95,099	269,090	2,830	2,362
31	45	97 403	17 213,895	266 299,971	15,470	15,002	81	95	6 060	65,428	173,991	2,659	2,192
32	46	97 242	16 251,077	249 086,076	15,327	14,860	82	96	4 238	43,270	108,563	2,509	2,041
33	47	97 068	15 339,874	232 834,999	15,178	14,711	83	97	2 842	27,442	65,294	2,379	1,912
34	48	96 873	14 476,786	217 495,124	15,024	14,556	84	98	1 846	16,855	37,852	2,246	1,778
35	49	96 659	13 659,258	203 018,338	14,863	14,395	85	99	1 145	9,882	20,996	2,125	1,657
36	50	96 423	12 885,068	189 359,081	14,696	14,228	86	100	675	5,512	11,115	2,017	1,549
37	51	96 160	12 151,254	176 474,013	14,523	14,056							
38	52	95 865	11 455,249	164 322,758	14,345	13,877							
39	53	95 556	10 797,526	152 867,510	14,158	13,690							
40	54	95 209	10 173,359	142 069,984	13,965	13,497							
41	55	94 830	9 581,828	131 896,626	13,765	13,298							
42	56	94 397	9 019,525	122 314,798	13,561	13,094							
43	57	93 945	8 488,235	113 295,273	13,347	12,880							
44	58	93 443	7 983,798	104 807,037	13,127	12,660							
45	59	92 892	7 505,146	96 823,240	12,901	12,433							
46	60	92 287	7 050,898	89 318,094	12,668	12,200							
47	61	91 625	6 619,650	82 267,196	12,428	11,960							
48	62	90 900	6 210,234	75 647,547	12,181	11,714							
49	63	90 107	5 821,293	69 437,312	11,928	11,461							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	1 761 610,731	17,689	17,221	50	65	88 574	5 411,110	62 100,200	11,476	11,009
1	16	99 240	93 843,881	1 662 022,131	17,711	17,243	51	66	87 582	5 059,573	56 689,091	11,204	10,737
2	17	99 203	88 708,471	1 568 178,249	17,678	17,210	52	67	86 504	4 725,596	51 629,518	10,926	10,458
3	18	99 177	83 863,046	1 479 469,779	17,641	17,174	53	68	85 352	4 409,142	46 903,922	10,638	10,170
4	19	99 149	79 280,845	1 395 606,733	17,603	17,136	54	69	84 100	4 108,229	42 494,780	10,344	9,876
5	20	99 122	74 949,191	1 316 325,888	17,563	17,095	55	70	82 712	3 820,762	38 386,551	10,047	9,579
6	21	99 096	70 855,898	1 241 376,698	17,520	17,052	56	71	81 210	3 547,376	34 565,789	9,744	9,276
7	22	99 071	66 985,804	1 170 520,799	17,474	17,007	57	72	79 581	3 287,199	31 018,414	9,436	8,969
8	23	99 044	63 326,768	1 103 534,995	17,426	16,958	58	73	77 837	3 040,350	27 731,215	9,121	8,653
9	24	99 021	59 869,114	1 040 208,227	17,375	16,907	59	74	75 943	2 805,084	24 690,865	8,802	8,335
10	25	98 997	56 599,976	980 339,113	17,320	16,853	60	75	73 914	2 581,675	21 885,781	8,477	8,010
11	26	98 970	53 508,045	923 739,137	17,264	16,796	61	76	71 734	2 369,326	19 304,106	8,148	7,680
12	27	98 945	50 586,110	870 231,092	17,203	16,735	62	77	69 403	2 167,666	16 934,779	7,812	7,345
13	28	98 916	47 821,297	819 644,982	17,140	16,672	63	78	66 945	1 977,218	14 767,114	7,469	7,001
14	29	98 883	45 206,122	771 823,685	17,073	16,606	64	79	64 280	1 795,277	12 789,896	7,124	6,657
15	30	98 847	42 732,277	726 617,563	17,004	16,536	65	80	61 419	1 622,105	10 994,620	6,778	6,310
16	31	98 803	40 391,067	683 885,286	16,932	16,464	66	81	58 344	1 457,099	9 372,515	6,432	5,965
17	32	98 749	38 173,832	643 494,219	16,857	16,389	67	82	55 045	1 299,972	7 915,416	6,089	5,621
18	33	98 689	36 076,439	605 320,387	16,779	16,311	68	83	51 509	1 150,328	6 615,443	5,751	5,283
19	34	98 617	34 089,724	569 243,948	16,698	16,231	69	84	47 711	1 007,556	5 465,115	5,424	4,957
20	35	98 539	32 210,835	535 154,224	16,614	16,147	70	85	43 726	873,191	4 457,559	5,105	4,637
21	36	98 453	30 432,633	502 943,389	16,526	16,059	71	86	39 591	747,645	3 584,368	4,794	4,327
22	37	98 366	28 752,547	472 510,756	16,434	15,966	72	87	35 312	630,574	2 836,723	4,499	4,031
23	38	98 275	27 164,048	443 758,209	16,336	15,869	73	88	30 977	523,079	2 206,149	4,218	3,750
24	39	98 179	25 662,022	416 594,161	16,234	15,766	74	89	26 675	425,948	1 683,070	3,951	3,484
25	40	98 070	24 239,790	390 932,139	16,128	15,660	75	90	22 514	339,964	1 257,122	3,698	3,230
26	41	97 965	22 897,157	366 692,349	16,015	15,547	76	91	18 545	264,796	917,158	3,464	2,996
27	42	97 850	21 626,754	343 795,192	15,897	15,429	77	92	14 888	201,029	652,362	3,245	2,778
28	43	97 727	20 425,140	322 168,438	15,773	15,306	78	93	11 603	148,155	451,333	3,046	2,579
29	44	97 595	19 288,328	301 743,298	15,644	15,176	79	94	8 763	105,801	303,178	2,866	2,398
30	45	97 454	18 213,312	282 454,970	15,508	15,041	80	95	6 418	73,278	197,376	2,694	2,226
31	46	97 298	17 195,378	264 241,658	15,367	14,899	81	96	4 519	48,793	124,099	2,543	2,076
32	47	97 127	16 231,833	247 046,280	15,220	14,752	82	97	3 054	31,184	75,306	2,415	1,947
33	48	96 941	15 319,942	230 814,447	15,066	14,599	83	98	2 005	19,354	44,122	2,280	1,812
34	49	96 727	14 454,823	215 494,505	14,908	14,441	84	99	1 257	11,478	24,769	2,158	1,690
35	50	96 496	13 636,255	201 039,682	14,743	14,275	85	100	752	6,490	13,290	2,048	1,580
36	51	96 245	12 861,309	187 403,427	14,571	14,104							
37	52	95 960	12 126,022	174 542,118	14,394	13,926							
38	53	95 653	11 429,997	162 416,096	14,210	13,742							
39	54	95 319	10 770,763	150 986,099	14,018	13,551							
40	55	94 947	10 145,338	140 215,336	13,821	13,353							
41	56	94 534	9 552,005	130 069,998	13,617	13,149							
42	57	94 078	8 989,025	120 517,992	13,407	12,940							
43	58	93 592	8 456,351	111 528,968	13,189	12,721							
44	59	93 053	7 950,477	103 072,616	12,964	12,497							
45	60	92 461	7 470,364	95 122,140	12,733	12,266							
46	61	91 814	7 014,749	87 651,776	12,495	12,028							
47	62	91 113	6 582,671	80 637,027	12,250	11,782							
48	63	90 344	6 172,216	74 054,356	11,998	11,530							
49	64	89 498	5 781,940	67 882,141	11,740	11,273							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	1 759 005,604	17,665	17,197	50	66	87 864	5 367,747	60 508,998	11,273	10,805
1	17	99 227	93 831,884	1 659 428,534	17,685	17,218	51	67	86 815	5 015,262	55 141,251	10,995	10,527
2	18	99 190	88 696,969	1 565 596,650	17,651	17,183	52	68	85 694	4 681,374	50 125,989	10,708	10,240
3	19	99 161	83 849,433	1 476 899,680	17,614	17,146	53	69	84 481	4 364,151	45 444,615	10,413	9,946
4	20	99 133	79 267,814	1 393 050,248	17,574	17,106	54	70	83 129	4 060,794	41 080,464	10,116	9,649
5	21	99 105	74 936,923	1 313 782,434	17,532	17,064	55	71	81 674	3 772,805	37 019,670	9,812	9,345
6	22	99 080	70 843,867	1 238 845,511	17,487	17,019	56	72	80 088	3 498,370	33 246,865	9,504	9,036
7	23	99 054	66 974,566	1 168 001,644	17,439	16,972	57	73	78 391	3 238,062	29 748,495	9,187	8,720
8	24	99 028	63 316,410	1 101 027,078	17,389	16,922	58	74	76 534	2 989,467	26 510,433	8,868	8,400
9	25	99 004	59 859,279	1 037 710,668	17,336	16,868	59	75	74 561	2 754,054	23 520,966	8,540	8,073
10	26	98 977	56 588,972	977 851,389	17,280	16,812	60	76	72 426	2 529,732	20 766,913	8,209	7,742
11	27	98 952	53 498,508	921 262,416	17,220	16,753	61	77	70 146	2 316,848	18 237,180	7,872	7,404
12	28	98 925	50 575,499	867 763,908	17,158	16,690	62	78	67 741	2 115,775	15 920,332	7,525	7,057
13	29	98 892	47 809,916	817 188,409	17,092	16,625	63	79	65 124	1 923,422	13 804,557	7,177	6,710
14	30	98 859	45 194,966	769 378,492	17,024	16,556	64	80	62 300	1 739,967	11 881,135	6,828	6,361
15	31	98 819	42 720,193	724 183,526	16,952	16,484	65	81	59 253	1 564,907	10 141,167	6,480	6,013
16	32	98 771	40 378,061	681 463,333	16,877	16,409	66	82	55 986	1 398,210	8 576,261	6,134	5,666
17	33	98 716	38 161,009	641 085,272	16,799	16,332	67	83	52 458	1 238,871	7 178,051	5,794	5,326
18	34	98 655	36 063,804	602 924,263	16,718	16,251	68	84	48 666	1 086,835	5 939,180	5,465	4,997
19	35	98 579	34 076,709	566 860,459	16,635	16,167	69	85	44 667	943,286	4 852,345	5,144	4,677
20	36	98 493	32 195,795	532 783,750	16,548	16,081	70	86	40 503	808,842	3 909,059	4,833	4,365
21	37	98 406	30 418,121	500 587,956	16,457	15,989	71	87	36 215	683,887	3 100,217	4,533	4,066
22	38	98 316	28 738,029	470 169,835	16,361	15,893	72	88	31 813	568,087	2 416,330	4,253	3,786
23	39	98 221	27 148,996	441 431,806	16,260	15,792	73	89	27 467	463,812	1 848,243	3,985	3,517
24	40	98 115	25 645,325	414 282,810	16,154	15,687	74	90	23 239	371,084	1 384,431	3,731	3,263
25	41	98 008	24 224,443	388 637,485	16,043	15,576	75	91	19 202	289,949	1 013,347	3,495	3,027
26	42	97 893	22 880,375	364 413,042	15,927	15,459	76	92	15 468	220,859	723,398	3,275	2,808
27	43	97 771	21 609,304	341 532,667	15,805	15,337	77	93	12 090	163,247	502,539	3,078	2,611
28	44	97 640	20 406,845	319 923,363	15,677	15,210	78	94	9 173	117,123	339,292	2,897	2,429
29	45	97 502	19 270,084	299 516,517	15,543	15,076	79	95	6 752	81,525	222,169	2,725	2,258
30	46	97 349	18 193,721	280 246,433	15,403	14,936	80	96	4 786	54,647	140,645	2,574	2,106
31	47	97 183	17 175,016	262 052,713	15,258	14,790	81	97	3 257	35,164	85,998	2,446	1,978
32	48	97 001	16 210,742	244 877,697	15,106	14,638	82	98	2 154	21,993	50,834	2,311	1,844
33	49	96 794	15 296,700	228 666,955	14,949	14,481	83	99	1 365	13,179	28,841	2,188	1,721
34	50	96 564	14 430,480	213 370,255	14,786	14,319	84	100	826	7,538	15,662	2,078	1,610
35	51	96 318	13 611,111	198 939,775	14,616	14,148							
36	52	96 045	12 834,603	185 328,664	14,440	13,972							
37	53	95 749	12 099,291	172 494,061	14,257	13,789							
38	54	95 416	11 401,666	160 394,770	14,068	13,600							
39	55	95 057	10 741,097	148 993,104	13,871	13,404							
40	56	94 652	10 113,762	138 252,006	13,670	13,202							
41	57	94 215	9 519,705	128 138,244	13,460	12,993							
42	58	93 725	8 955,259	118 618,539	13,246	12,778							
43	59	93 201	8 421,058	109 663,280	13,023	12,555							
44	60	92 622	7 913,630	101 242,222	12,793	12,326							
45	61	91 987	7 432,064	93 328,592	12,558	12,090							
46	62	91 301	6 975,563	85 896,527	12,314	11,846							
47	63	90 555	6 542,372	78 920,964	12,063	11,595							
48	64	89 733	6 130,491	72 378,592	11,806	11,339							
49	65	88 835	5 739,103	66 248,101	11,543	11,076							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	1 756 231,073	17,639	17,172	50	67	87 094	5 320,737	58 841,541	11,059	10,591
1	18	99 214	93 819,719	1 656 666,733	17,658	17,190	51	68	86 002	4 968,330	53 520,804	10,772	10,305
2	19	99 174	88 682,572	1 562 847,014	17,623	17,155	52	69	84 820	4 633,606	48 552,474	10,478	10,011
3	20	99 145	83 835,651	1 474 164,442	17,584	17,116	53	70	83 506	4 313,761	43 918,869	10,181	9,714
4	21	99 117	79 254,839	1 390 328,792	17,543	17,075	54	71	82 085	4 009,824	39 605,107	9,877	9,409
5	22	99 089	74 924,199	1 311 073,953	17,499	17,031	55	72	80 546	3 720,685	35 595,284	9,567	9,099
6	23	99 063	70 831,981	1 236 149,754	17,452	16,984	56	73	78 891	3 446,077	31 874,598	9,250	8,782
7	24	99 038	66 963,611	1 165 317,773	17,402	16,935	57	74	77 079	3 183,870	28 428,521	8,929	8,461
8	25	99 012	63 306,009	1 098 354,161	17,350	16,882	58	75	75 142	2 935,082	25 244,651	8,601	8,133
9	26	98 985	59 847,642	1 035 048,152	17,295	16,827	59	76	73 061	2 698,642	22 309,570	8,267	7,799
10	27	98 960	56 578,886	975 200,510	17,236	16,769	60	77	70 822	2 473,702	19 610,928	7,928	7,460
11	28	98 932	53 487,287	918 621,624	17,175	16,707	61	78	68 466	2 261,387	17 137,226	7,578	7,111
12	29	98 901	50 563,463	865 134,337	17,110	16,642	62	79	65 898	2 058,210	14 875,839	7,228	6,760
13	30	98 868	47 798,119	814 570,874	17,042	16,574	63	80	63 117	1 864,165	12 817,629	6,876	6,408
14	31	98 831	45 182,186	766 772,756	16,971	16,503	64	81	60 103	1 678,613	10 953,464	6,525	6,058
15	32	98 787	42 706,437	721 590,570	16,897	16,429	65	82	56 859	1 501,661	9 274,851	6,176	5,709
16	33	98 738	40 364,063	678 884,133	16,819	16,351	66	83	53 354	1 332,491	7 773,190	5,834	5,366
17	34	98 681	38 147,644	638 519,636	16,738	16,271	67	84	49 562	1 170,490	6 440,699	5,503	5,035
18	35	98 617	36 050,035	600 371,991	16,654	16,186	68	85	45 562	1 017,508	5 270,209	5,180	4,712
19	36	98 533	34 060,797	564 321,956	16,568	16,101	69	86	41 376	873,772	4 252,702	4,867	4,399
20	37	98 446	32 180,442	530 261,159	16,478	16,010	70	87	37 049	739,865	3 378,930	4,567	4,099
21	38	98 356	30 402,762	498 080,717	16,383	15,915	71	88	32 626	616,117	2 639,064	4,283	3,816
22	39	98 262	28 722,105	467 677,956	16,283	15,815	72	89	28 208	503,721	2 022,947	4,016	3,548
23	40	98 157	27 131,332	438 955,851	16,179	15,711	73	90	23 929	404,070	1 519,226	3,760	3,292
24	41	98 053	25 629,088	411 824,519	16,069	15,601	74	91	19 820	316,491	1 115,156	3,524	3,056
25	42	97 937	24 206,688	386 195,431	15,954	15,487	75	92	16 016	241,839	798,665	3,302	2,835
26	43	97 814	22 861,914	361 988,743	15,834	15,366	76	93	12 561	179,349	556,827	3,105	2,637
27	44	97 684	21 589,949	339 126,829	15,708	15,240	77	94	9 558	129,053	377,477	2,925	2,457
28	45	97 547	20 387,544	317 536,880	15,575	15,107	78	95	7 068	90,248	248,424	2,753	2,285
29	46	97 397	19 249,356	297 149,336	15,437	14,969	79	96	5 035	60,797	158,176	2,602	2,134
30	47	97 234	18 172,176	277 899,980	15,293	14,825	80	97	3 449	39,383	97,379	2,473	2,005
31	48	97 056	17 152,699	259 727,805	15,142	14,675	81	98	2 297	24,800	57,996	2,339	1,871
32	49	96 854	16 186,148	242 575,106	14,987	14,519	82	99	1 467	14,977	33,196	2,217	1,749
33	50	96 631	15 270,939	226 388,957	14,825	14,357	83	100	897	8,655	18,220	2,105	1,637
34	51	96 386	14 403,872	211 118,018	14,657	14,189							
35	52	96 118	13 582,847	196 714,146	14,483	14,015							
36	53	95 834	12 806,310	183 131,299	14,300	13,833							
37	54	95 512	12 069,302	170 324,989	14,112	13,645							
38	55	95 154	11 370,263	158 255,687	13,918	13,451							
39	56	94 761	10 707,667	146 885,424	13,718	13,250							
40	57	94 331	10 079,562	136 177,757	13,510	13,043							
41	58	93 861	9 483,946	126 098,195	13,296	12,828							
42	59	93 334	8 917,884	116 614,249	13,076	12,609							
43	60	92 770	8 382,031	107 696,365	12,848	12,381							
44	61	92 147	7 873,059	99 314,334	12,614	12,147							
45	62	91 473	7 390,548	91 441,276	12,373	11,905							
46	63	90 742	6 932,859	84 050,728	12,124	11,656							
47	64	89 943	6 498,145	77 117,869	11,868	11,400							
48	65	89 068	6 085,071	70 619,724	11,605	11,138							
49	66	88 123	5 693,112	64 534,653	11,336	10,868							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	1 753 278,925	17,612	17,144	50	68	86 279	5 270,946	57 097,668	10,833	10,365
1	19	99 198	93 804,490	1 653 727,494	17,630	17,162	51	69	85 125	4 917,633	51 826,722	10,539	10,071
2	20	99 158	88 667,995	1 559 923,003	17,593	17,125	52	70	83 841	4 580,105	46 909,089	10,242	9,774
3	21	99 129	83 821,928	1 471 255,008	17,552	17,085	53	71	82 458	4 259,616	42 328,984	9,937	9,470
4	22	99 100	79 241,382	1 387 433,080	17,509	17,041	54	72	80 951	3 954,430	38 069,368	9,627	9,159
5	23	99 072	74 911,628	1 308 191,698	17,463	16,996	55	73	79 342	3 665,069	34 114,938	9,308	8,841
6	24	99 047	70 820,396	1 233 280,070	17,414	16,947	56	74	77 570	3 388,403	30 449,869	8,986	8,519
7	25	99 022	66 952,611	1 162 459,674	17,362	16,895	57	75	75 677	3 125,948	27 061,466	8,657	8,189
8	26	98 993	63 293,702	1 095 507,062	17,308	16,841	58	76	73 630	2 876,028	23 935,517	8,322	7,855
9	27	98 968	59 836,975	1 032 213,361	17,250	16,783	59	77	71 443	2 638,870	21 059,489	7,980	7,513
10	28	98 939	56 567,019	972 376,386	17,190	16,722	60	78	69 127	2 414,485	18 420,619	7,629	7,162
11	29	98 908	53 474,558	915 809,368	17,126	16,659	61	79	66 604	2 199,860	16 006,134	7,276	6,808
12	30	98 877	50 550,986	862 334,810	17,059	16,591	62	80	63 868	1 994,800	13 806,274	6,921	6,454
13	31	98 840	47 784,602	811 783,824	16,988	16,521	63	81	60 892	1 798,432	11 811,474	6,568	6,100
14	32	98 799	45 167,637	763 999,222	16,915	16,447	64	82	57 674	1 610,772	10 013,042	6,216	5,749
15	33	98 754	42 692,091	718 831,585	16,838	16,370	65	83	54 186	1 431,079	8 402,271	5,871	5,404
16	34	98 704	40 350,361	676 139,494	16,757	16,289	66	84	50 409	1 258,943	6 971,192	5,537	5,070
17	35	98 643	38 133,080	635 789,133	16,673	16,205	67	85	46 401	1 095,827	5 712,249	5,213	4,745
18	36	98 571	36 033,202	597 656,053	16,586	16,119	68	86	42 204	942,524	4 616,422	4,898	4,430
19	37	98 486	34 044,555	561 622,851	16,497	16,029	69	87	37 847	799,258	3 673,898	4,597	4,129
20	38	98 397	32 164,193	527 578,297	16,403	15,935	70	88	33 378	666,548	2 874,640	4,313	3,845
21	39	98 302	30 385,915	495 414,104	16,304	15,836	71	89	28 930	546,309	2 208,091	4,042	3,574
22	40	98 198	28 703,417	465 028,188	16,201	15,734	72	90	24 575	438,838	1 661,783	3,787	3,319
23	41	98 095	27 114,154	436 324,772	16,092	15,625	73	91	20 409	344,625	1 222,944	3,549	3,081
24	42	97 981	25 610,304	409 210,617	15,978	15,511	74	92	16 532	263,976	878,320	3,327	2,860
25	43	97 858	24 187,157	383 600,314	15,860	15,392	75	93	13 006	196,386	614,344	3,128	2,661
26	44	97 727	22 841,436	359 413,157	15,735	15,268	76	94	9 930	141,783	417,958	2,948	2,480
27	45	97 591	21 569,528	336 571,720	15,604	15,136	77	95	7 365	99,441	276,175	2,777	2,310
28	46	97 442	20 365,614	315 002,192	15,467	15,000	78	96	5 271	67,302	176,733	2,626	2,158
29	47	97 282	19 226,561	294 636,579	15,324	14,857	79	97	3 629	43,815	109,431	2,498	2,030
30	48	97 108	18 148,563	275 410,018	15,175	14,708	80	98	2 433	27,775	65,616	2,362	1,895
31	49	96 909	17 126,676	257 261,454	15,021	14,554	81	99	1 564	16,888	37,841	2,241	1,773
32	50	96 690	16 158,890	240 134,778	14,861	14,393	82	100	963	9,836	20,952	2,130	1,663
33	51	96 453	15 242,781	223 975,888	14,694	14,226							
34	52	96 185	14 373,962	208 733,107	14,522	14,054							
35	53	95 906	13 552,905	194 359,144	14,341	13,873							
36	54	95 596	12 774,568	180 806,239	14,154	13,686							
37	55	95 249	12 036,060	168 031,671	13,961	13,493							
38	56	94 857	11 334,875	155 995,611	13,762	13,295							
39	57	94 441	10 671,458	144 660,737	13,556	13,088							
40	58	93 977	10 041,700	133 989,279	13,343	12,876							
41	59	93 469	9 444,364	123 947,579	13,124	12,656							
42	60	92 901	8 876,554	114 503,215	12,900	12,432							
43	61	92 294	8 339,058	105 626,660	12,666	12,199							
44	62	91 632	7 829,078	97 287,603	12,426	11,959							
45	63	90 913	7 345,303	89 458,524	12,179	11,711							
46	64	90 129	6 885,992	82 113,221	11,925	11,457							
47	65	89 277	6 450,001	75 227,229	11,663	11,196							
48	66	88 355	6 036,307	68 777,228	11,394	10,926							
49	67	87 351	5 643,253	62 740,921	11,118	10,650							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	1 750 139,423	17,583	17,116	50	69	85 399	5 217,161	55 276,336	10,595	10,128
1	20	99 182	93 789,072	1 650 604,151	17,599	17,132	51	70	84 142	4 860,853	50 059,175	10,298	9,831
2	21	99 142	88 653,482	1 556 815,079	17,561	17,093	52	71	82 788	4 522,616	45 198,322	9,994	9,526
3	22	99 112	83 807,696	1 468 161,597	17,518	17,051	53	72	81 318	4 200,772	40 675,706	9,683	9,215
4	23	99 083	79 228,087	1 384 353,901	17,473	17,005	54	73	79 741	3 895,320	36 474,934	9,364	8,896
5	24	99 056	74 899,376	1 305 125,815	17,425	16,957	55	74	78 014	3 603,730	32 579,614	9,041	8,573
6	25	99 031	70 808,762	1 230 226,439	17,374	16,906	56	75	76 159	3 326,761	28 975,884	8,710	8,242
7	26	99 002	66 939,595	1 159 417,677	17,320	16,853	57	76	74 154	3 063,054	25 649,123	8,374	7,906
8	27	98 975	63 282,420	1 092 478,082	17,264	16,796	58	77	71 999	2 812,327	22 586,069	8,031	7,564
9	28	98 947	59 824,424	1 029 195,662	17,204	16,736	59	78	69 733	2 575,700	19 773,741	7,677	7,209
10	29	98 915	56 553,556	969 371,237	17,141	16,673	60	79	67 246	2 348,793	17 198,041	7,322	6,854
11	30	98 884	53 461,362	912 817,681	17,074	16,607	61	80	64 552	2 132,086	14 849,249	6,965	6,497
12	31	98 849	50 536,690	859 356,319	17,005	16,537	62	81	61 616	1 924,460	12 717,163	6,608	6,141
13	32	98 808	47 769,215	808 819,629	16,932	16,464	63	82	58 431	1 725,747	10 792,702	6,254	5,786
14	33	98 766	45 152,465	761 050,414	16,855	16,388	64	83	54 963	1 535,062	9 066,955	5,907	5,439
15	34	98 719	42 677,139	715 897,949	16,775	16,307	65	84	51 195	1 352,090	7 531,893	5,571	5,103
16	35	98 666	40 334,955	673 220,809	16,691	16,223	66	85	47 194	1 178,638	6 179,804	5,243	4,776
17	36	98 597	38 115,274	632 885,854	16,605	16,137	67	86	42 982	1 015,071	5 001,166	4,927	4,459
18	37	98 524	36 016,019	594 770,580	16,514	16,046	68	87	38 605	862,147	3 986,095	4,623	4,156
19	38	98 436	34 027,365	558 754,561	16,421	15,953	69	88	34 097	720,056	3 123,948	4,338	3,871
20	39	98 342	32 146,370	524 727,196	16,323	15,855	70	89	29 596	591,026	2 403,892	4,067	3,600
21	40	98 238	30 366,145	492 580,826	16,221	15,754	71	90	25 203	475,941	1 812,866	3,809	3,341
22	41	98 136	28 685,244	462 214,681	16,113	15,646	72	91	20 960	374,278	1 336,926	3,572	3,104
23	42	98 023	27 094,281	433 529,437	16,001	15,533	73	92	17 022	287,442	962,648	3,349	2,881
24	43	97 902	25 589,640	406 435,156	15,883	15,415	74	93	13 424	214,363	675,206	3,150	2,682
25	44	97 770	24 165,492	380 845,516	15,760	15,292	75	94	10 282	155,251	460,844	2,968	2,501
26	45	97 634	22 819,832	356 680,023	15,630	15,163	76	95	7 651	109,250	305,592	2,797	2,330
27	46	97 486	21 546,327	333 860,192	15,495	15,027	77	96	5 492	74,158	196,342	2,648	2,180
28	47	97 327	20 341,497	312 313,865	15,354	14,886	78	97	3 799	48,504	122,184	2,519	2,051
29	48	97 156	19 201,579	291 972,368	15,206	14,738	79	98	2 559	30,901	73,680	2,384	1,917
30	49	96 960	18 121,030	272 770,790	15,053	14,585	80	99	1 657	18,914	42,779	2,262	1,794
31	50	96 746	17 097,834	254 649,759	14,894	14,426	81	100	1 027	11,091	23,865	2,152	1,684
32	51	96 512	16 129,095	237 551,925	14,728	14,261							
33	52	96 253	15 211,130	221 422,831	14,557	14,089							
34	53	95 973	14 342,276	206 211,701	14,378	13,910							
35	54	95 668	13 519,313	191 869,425	14,192	13,725							
36	55	95 333	12 739,384	178 350,112	14,000	13,532							
37	56	94 952	11 998,599	165 610,729	13,803	13,335							
38	57	94 537	11 296,545	153 612,130	13,598	13,131							
39	58	94 086	10 631,373	142 315,585	13,386	12,919							
40	59	93 585	9 999,790	131 684,212	13,169	12,701							
41	60	93 036	9 400,594	121 684,422	12,944	12,477							
42	61	92 425	8 831,046	112 283,827	12,715	12,247							
43	62	91 778	8 292,474	103 452,781	12,476	12,008							
44	63	91 071	7 781,149	95 160,307	12,230	11,762							
45	64	90 299	7 295,648	87 379,158	11,977	11,509							
46	65	89 461	6 834,975	80 083,510	11,717	11,249							
47	66	88 561	6 398,313	73 248,535	11,448	10,981							
48	67	87 581	5 983,443	66 850,222	11,173	10,705							
49	68	86 534	5 590,443	60 866,780	10,888	10,420							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	1 746 805,568	17,552	17,085	50	70	84 413	5 156,923	53 377,772	10,351	9,883
1	21	99 166	93 773,720	1 647 286,656	17,567	17,099	51	71	83 086	4 799,840	48 220,849	10,046	9,579
2	22	99 125	88 638,429	1 553 512,936	17,526	17,059	52	72	81 645	4 460,139	43 421,009	9,735	9,268
3	23	99 095	83 793,635	1 464 874,507	17,482	17,014	53	73	80 103	4 137,979	38 960,870	9,415	8,948
4	24	99 067	79 215,128	1 381 080,873	17,435	16,967	54	74	78 407	3 830,127	34 822,891	9,092	8,624
5	25	99 040	74 887,072	1 301 865,744	17,384	16,917	55	75	76 595	3 538,171	30 992,764	8,760	8,292
6	26	99 011	70 794,996	1 226 978,672	17,331	16,864	56	76	74 627	3 259,827	27 454,593	8,422	7,955
7	27	98 985	66 927,664	1 156 183,676	17,275	16,808	57	77	72 512	2 995,211	24 194,766	8,078	7,610
8	28	98 954	63 269,147	1 089 256,013	17,216	16,749	58	78	70 276	2 745,005	21 199,555	7,723	7,255
9	29	98 923	59 810,186	1 025 986,866	17,154	16,686	59	79	67 836	2 505,622	18 454,550	7,365	6,898
10	30	98 891	56 539,601	966 176,679	17,088	16,621	60	80	65 174	2 276,430	15 948,929	7,006	6,539
11	31	98 856	53 446,244	909 637,078	17,020	16,552	61	81	62 276	2 056,905	13 672,499	6,647	6,180
12	32	98 817	50 520,417	856 190,835	16,947	16,480	62	82	59 126	1 846,683	11 615,593	6,290	5,822
13	33	98 775	47 753,169	805 670,417	16,872	16,404	63	83	55 684	1 644,633	9 768,911	5,940	5,472
14	34	98 731	45 136,651	757 917,248	16,792	16,324	64	84	51 929	1 450,333	8 124,277	5,602	5,134
15	35	98 681	42 660,846	712 780,597	16,708	16,240	65	85	47 930	1 265,842	6 673,945	5,272	4,805
16	36	98 620	40 316,121	670 119,751	16,622	16,154	66	86	43 716	1 091,779	5 408,102	4,953	4,486
17	37	98 550	38 097,099	629 803,630	16,532	16,064	67	87	39 316	928,508	4 316,323	4,649	4,181
18	38	98 474	35 997,834	591 706,531	16,437	15,970	68	88	34 780	776,712	3 387,815	4,362	3,894
19	39	98 382	34 008,510	555 708,698	16,340	15,873	69	89	30 233	638,471	2 611,103	4,090	3,622
20	40	98 278	32 125,454	521 700,188	16,239	15,772	70	90	25 784	514,898	1 972,632	3,831	3,364
21	41	98 175	30 346,919	489 574,733	16,133	15,665	71	91	21 496	405,922	1 457,734	3,591	3,124
22	42	98 064	28 664,219	459 227,814	16,021	15,553	72	92	17 482	312,175	1 051,813	3,369	2,902
23	43	97 944	27 072,420	430 563,595	15,904	15,437	73	93	13 823	233,418	739,638	3,169	2,701
24	44	97 815	25 566,719	403 491,175	15,782	15,314	74	94	10 613	169,463	506,220	2,987	2,520
25	45	97 677	24 142,636	377 924,455	15,654	15,186	75	95	7 922	119,628	336,757	2,815	2,347
26	46	97 529	22 795,285	353 781,820	15,520	15,052	76	96	5 706	81,473	217,129	2,665	2,197
27	47	97 371	21 520,812	330 986,534	15,380	14,912	77	97	3 958	53,445	135,656	2,538	2,071
28	48	97 201	20 315,066	309 465,723	15,233	14,766	78	98	2 679	34,208	82,212	2,403	1,936
29	49	97 008	19 172,448	289 150,657	15,082	14,614	79	99	1 743	21,043	48,004	2,281	1,814
30	50	96 797	18 090,513	269 978,209	14,924	14,456	80	100	1 088	12,422	26,961	2,170	1,703
31	51	96 568	17 066,307	251 887,696	14,759	14,292							
32	52	96 312	16 095,602	234 821,389	14,589	14,122							
33	53	96 041	15 177,598	218 725,786	14,411	13,944							
34	54	95 736	14 306,728	203 548,189	14,227	13,760							
35	55	95 405	13 482,077	189 241,461	14,037	13,569							
36	56	95 036	12 699,734	175 759,384	13,840	13,372							
37	57	94 631	11 958,025	163 059,650	13,636	13,168							
38	58	94 181	11 254,112	151 101,625	13,426	12,959							
39	59	93 693	10 587,002	139 847,514	13,209	12,742							
40	60	93 151	9 953,446	129 260,512	12,987	12,519							
41	61	92 559	9 352,399	119 307,065	12,757	12,289							
42	62	91 908	8 781,714	109 954,666	12,521	12,053							
43	63	91 217	8 241,708	101 172,952	12,276	11,808							
44	64	90 455	7 728,547	92 931,243	12,024	11,557							
45	65	89 630	7 241,596	85 202,696	11,766	11,298							
46	66	88 744	6 780,202	77 961,100	11,498	11,031							
47	67	87 786	6 342,278	71 180,899	11,223	10,756							
48	68	86 761	5 927,450	64 838,620	10,939	10,471							
49	69	85 651	5 533,399	58 911,171	10,646	10,179							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	1 743 266,775	17,520	17,052	50	71	83 353	5 092,194	51 404,874	10,095	9,627
1	22	99 149	93 757,798	1 643 764,153	17,532	17,064	51	72	81 938	4 733,533	46 312,680	9,784	9,316
2	23	99 108	88 623,557	1 550 006,355	17,490	17,022	52	73	80 424	4 393,469	41 579,147	9,464	8,996
3	24	99 079	83 779,929	1 461 382,798	17,443	16,976	53	74	78 762	4 068,726	37 185,678	9,139	8,672
4	25	99 051	79 202,116	1 377 602,868	17,394	16,926	54	75	76 980	3 760,449	33 116,952	8,807	8,339
5	26	99 020	74 872,513	1 298 400,753	17,341	16,874	55	76	75 054	3 466,983	29 356,503	8,467	8,000
6	27	98 994	70 782,378	1 223 528,240	17,286	16,818	56	77	72 974	3 187,626	25 889,520	8,122	7,654
7	28	98 964	66 913,626	1 152 745,862	17,227	16,760	57	78	70 776	2 923,510	22 701,895	7,765	7,298
8	29	98 931	63 254,090	1 085 832,236	17,166	16,699	58	79	68 364	2 670,320	19 778,384	7,407	6,939
9	30	98 899	59 795,427	1 022 578,147	17,101	16,634	59	80	65 746	2 428,427	17 108,064	7,045	6,577
10	31	98 863	56 523,612	962 782,719	17,033	16,566	60	81	62 876	2 196,160	14 679,637	6,684	6,217
11	32	98 824	53 429,034	906 259,107	16,962	16,494	61	82	59 759	1 973,775	12 483,477	6,325	5,857
12	33	98 784	50 503,447	852 830,073	16,887	16,419	62	83	56 347	1 759,884	10 509,702	5,972	5,504
13	34	98 740	47 736,445	802 326,626	16,807	16,340	63	84	52 611	1 553,856	8 749,817	5,631	5,163
14	35	98 694	45 119,418	754 590,181	16,724	16,257	64	85	48 617	1 357,819	7 195,961	5,300	4,832
15	36	98 635	42 640,926	709 470,763	16,638	16,171	65	86	44 398	1 172,558	5 838,142	4,979	4,511
16	37	98 573	40 296,896	666 829,837	16,548	16,080	66	87	39 988	998,674	4 665,584	4,672	4,204
17	38	98 501	38 077,862	626 532,941	16,454	15,986	67	88	35 420	836,497	3 666,910	4,384	3,916
18	39	98 420	35 977,887	588 455,079	16,356	15,888	68	89	30 839	688,708	2 830,413	4,110	3,642
19	40	98 318	33 986,382	552 477,192	16,256	15,788	69	90	26 339	556,232	2 141,705	3,850	3,383
20	41	98 216	32 105,115	518 490,810	16,150	15,682	70	91	21 991	439,148	1 585,474	3,610	3,143
21	42	98 103	30 324,677	486 385,695	16,039	15,572	71	92	17 929	338,568	1 146,326	3,386	2,918
22	43	97 985	28 641,091	456 061,018	15,923	15,456	72	93	14 196	253,503	807,758	3,186	2,719
23	44	97 856	27 048,171	427 419,927	15,802	15,335	73	94	10 928	184,527	554,255	3,004	2,536
24	45	97 722	25 542,537	400 371,755	15,675	15,207	74	95	8 177	130,578	369,729	2,831	2,364
25	46	97 572	24 116,666	374 829,218	15,542	15,075	75	96	5 908	89,212	239,150	2,681	2,213
26	47	97 414	22 768,291	350 712,552	15,404	14,936	76	97	4 112	58,716	149,938	2,554	2,086
27	48	97 244	21 492,848	327 944,260	15,258	14,791	77	98	2 792	37,692	91,222	2,420	1,953
28	49	97 053	20 284,246	306 451,412	15,108	14,640	78	99	1 824	23,295	53,530	2,298	1,830
29	50	96 845	19 140,160	286 167,166	14,951	14,484	79	100	1 145	13,820	30,235	2,188	1,720
30	51	96 619	18 057,156	267 027,006	14,788	14,320							
31	52	96 367	17 030,869	248 969,850	14,619	14,151							
32	53	96 099	16 060,121	231 938,981	14,442	13,974							
33	54	95 803	15 139,979	215 878,860	14,259	13,791							
34	55	95 472	14 267,323	200 738,881	14,070	13,602							
35	56	95 108	13 440,116	186 471,559	13,874	13,407							
36	57	94 715	12 656,789	173 031,443	13,671	13,203							
37	58	94 276	11 913,107	160 374,654	13,462	12,994							
38	59	93 788	11 207,142	148 461,547	13,247	12,779							
39	60	93 259	10 537,937	137 254,406	13,025	12,557							
40	61	92 674	9 902,417	126 716,468	12,797	12,329							
41	62	92 042	9 300,155	116 814,051	12,560	12,093							
42	63	91 346	8 727,953	107 513,896	12,318	11,851							
43	64	90 600	8 185,993	98 785,943	12,068	11,600							
44	65	89 785	7 671,288	90 599,950	11,810	11,343							
45	66	88 911	7 183,564	82 928,662	11,544	11,077							
46	67	87 967	6 720,822	75 745,098	11,270	10,803							
47	68	86 964	6 282,928	69 024,276	10,986	10,518							
48	69	85 876	5 866,966	62 741,348	10,694	10,226							
49	70	84 662	5 469,508	56 874,382	10,398	9,931							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	1 739 511,603	17,485	17,017	50	72	82 202	5 021,848	49 358,681	9,829	9,361
1	23	99 132	93 742,067	1 640 025,875	17,495	17,028	51	73	80 713	4 662,777	44 336,833	9,509	9,041
2	24	99 092	88 609,062	1 546 283,808	17,451	16,983	52	74	79 078	4 319,940	39 674,056	9,184	8,716
3	25	99 063	83 766,167	1 457 674,746	17,402	16,934	53	75	77 329	3 994,707	35 354,117	8,850	8,383
4	26	99 032	79 186,718	1 373 908,579	17,350	16,883	54	76	75 432	3 684,789	31 359,410	8,511	8,043
5	27	99 003	74 859,168	1 294 721,861	17,295	16,828	55	77	73 391	3 390,193	27 674,621	8,163	7,696
6	28	98 973	70 767,531	1 219 862,694	17,238	16,770	56	78	71 227	3 111,319	24 284,427	7,805	7,338
7	29	98 940	66 897,701	1 149 095,162	17,177	16,709	57	79	68 850	2 843,969	21 173,109	7,445	6,977
8	30	98 906	63 238,481	1 082 197,461	17,113	16,645	58	80	66 257	2 588,052	18 329,140	7,082	6,615
9	31	98 871	59 778,518	1 018 958,981	17,046	16,578	59	81	63 427	2 342,797	15 741,088	6,719	6,251
10	32	98 831	56 505,411	959 180,463	16,975	16,507	60	82	60 335	2 107,402	13 398,290	6,358	5,890
11	33	98 791	53 411,087	902 675,051	16,901	16,433	61	83	56 950	1 881,003	11 290,889	6,003	5,535
12	34	98 749	50 485,760	849 263,965	16,822	16,354	62	84	53 236	1 662,746	9 409,886	5,659	5,192
13	35	98 703	47 718,219	798 778,205	16,739	16,272	63	85	49 255	1 454,739	7 747,140	5,325	4,858
14	36	98 647	45 098,350	751 059,986	16,654	16,186	64	86	45 034	1 257,756	6 292,401	5,003	4,535
15	37	98 588	42 620,592	705 961,636	16,564	16,096	65	87	40 611	1 072,564	5 034,645	4,694	4,226
16	38	98 523	40 276,549	663 341,043	16,470	16,002	66	88	36 025	899,711	3 962,081	4,404	3,936
17	39	98 446	38 056,763	623 064,494	16,372	15,904	67	89	31 407	741,719	3 062,370	4,129	3,661
18	40	98 356	35 954,478	585 007,732	16,271	15,803	68	90	26 867	599,998	2 320,651	3,868	3,400
19	41	98 256	33 964,865	549 053,253	16,165	15,698	69	91	22 464	474,400	1 720,654	3,627	3,159
20	42	98 144	32 081,584	515 088,389	16,056	15,588	70	92	18 342	366,281	1 246,253	3,402	2,935
21	43	98 024	30 300,209	483 006,805	15,941	15,473	71	93	14 559	274,935	879,972	3,201	2,733
22	44	97 897	28 615,438	452 706,596	15,820	15,353	72	94	11 223	200,404	605,037	3,019	2,552
23	45	97 763	27 022,588	424 091,158	15,694	15,226	73	95	8 420	142,186	404,633	2,846	2,378
24	46	97 617	25 515,062	397 068,570	15,562	15,095	74	96	6 098	97,378	262,447	2,695	2,228
25	47	97 457	24 088,108	371 553,508	15,425	14,957	75	97	4 258	64,294	165,068	2,567	2,100
26	48	97 287	22 738,707	347 465,401	15,281	14,813	76	98	2 900	41,410	100,774	2,434	1,966
27	49	97 097	21 460,241	324 726,694	15,132	14,664	77	99	1 901	25,668	59,364	2,313	1,845
28	50	96 890	20 250,086	303 266,452	14,976	14,508	78	100	1 198	15,299	33,697	2,203	1,735
29	51	96 666	19 104,868	283 016,367	14,814	14,346							
30	52	96 418	18 019,660	263 911,499	14,646	14,178							
31	53	96 155	16 993,326	245 891,839	14,470	14,002							
32	54	95 861	16 020,315	228 898,513	14,288	13,820							
33	55	95 539	15 098,279	212 878,199	14,100	13,632							
34	56	95 175	14 222,918	197 779,919	13,906	13,438							
35	57	94 786	13 394,667	183 557,002	13,704	13,236							
36	58	94 359	12 609,246	170 162,335	13,495	13,027							
37	59	93 882	11 863,387	157 553,089	13,281	12,813							
38	60	93 354	11 155,203	145 689,702	13,060	12,593							
39	61	92 781	10 483,911	134 534,499	12,832	12,365							
40	62	92 156	9 847,100	124 050,588	12,598	12,130							
41	63	91 478	9 243,220	114 203,488	12,355	11,888							
42	64	90 728	8 668,951	104 960,268	12,108	11,640							
43	65	89 929	8 125,345	96 291,317	11,851	11,383							
44	66	89 066	7 609,813	88 165,973	11,586	11,118							
45	67	88 133	7 120,652	80 556,160	11,313	10,845							
46	68	87 144	6 657,929	73 435,508	11,030	10,562							
47	69	86 077	6 218,817	66 777,579	10,738	10,270							
48	70	84 884	5 799,225	60 558,762	10,443	9,975							
49	71	83 599	5 400,856	54 759,537	10,139	9,671							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	1 735 528,714	17,448	16,980	50	73	80 973	4 946,782	47 241,542	9,550	9,082
1	24	99 116	93 726,735	1 636 059,678	17,456	16,988	51	74	79 362	4 584,740	42 294,760	9,225	8,758
2	25	99 076	88 594,507	1 542 332,943	17,409	16,941	52	75	77 640	4 241,351	37 710,020	8,891	8,423
3	26	99 043	83 749,882	1 453 738,437	17,358	16,891	53	76	75 774	3 914,333	33 468,669	8,550	8,083
4	27	99 014	79 172,603	1 369 988,555	17,304	16,836	54	77	73 761	3 603,175	29 554,336	8,202	7,735
5	28	98 982	74 843,466	1 290 815,952	17,247	16,779	55	78	71 635	3 309,037	25 951,160	7,843	7,375
6	29	98 949	70 750,689	1 215 972,485	17,187	16,719	56	79	69 289	3 026,668	22 642,123	7,481	7,013
7	30	98 916	66 881,193	1 145 221,796	17,123	16,656	57	80	66 729	2 756,351	19 615,456	7,116	6,649
8	31	98 878	63 220,598	1 078 340,603	17,057	16,589	58	81	63 921	2 496,793	16 859,105	6,752	6,285
9	32	98 839	59 759,269	1 015 120,005	16,987	16,519	59	82	60 864	2 248,113	14 362,311	6,389	5,921
10	33	98 798	56 486,431	955 360,736	16,913	16,446	60	83	57 499	2 008,349	12 114,199	6,032	5,564
11	34	98 756	53 392,381	898 874,306	16,835	16,368	61	84	53 806	1 777,179	10 105,850	5,686	5,219
12	35	98 711	50 466,484	845 481,925	16,753	16,286	62	85	49 841	1 556,683	8 328,671	5,350	4,883
13	36	98 657	47 695,938	795 015,440	16,668	16,201	63	86	45 625	1 347,534	6 771,988	5,025	4,558
14	37	98 600	45 076,845	747 319,503	16,579	16,111	64	87	41 194	1 150,496	5 424,454	4,715	4,247
15	38	98 538	42 599,071	702 242,658	16,485	16,017	65	88	36 587	966,278	4 273,958	4,423	3,956
16	39	98 469	40 254,232	659 643,586	16,387	15,919	66	89	31 943	797,770	3 307,679	4,146	3,679
17	40	98 382	38 032,001	619 389,355	16,286	15,818	67	90	27 361	646,181	2 509,909	3,884	3,417
18	41	98 293	35 931,714	581 357,353	16,180	15,712	68	91	22 914	511,728	1 863,729	3,642	3,174
19	42	98 184	33 939,970	545 425,639	16,070	15,603	69	92	18 737	395,684	1 352,001	3,417	2,949
20	43	98 065	32 055,699	511 485,669	15,956	15,489	70	93	14 894	297,440	956,317	3,215	2,748
21	44	97 936	30 273,069	479 429,970	15,837	15,369	71	94	11 510	217,348	658,877	3,031	2,564
22	45	97 804	28 588,372	449 156,901	15,711	15,244	72	95	8 648	154,420	441,529	2,859	2,392
23	46	97 658	26 993,521	420 568,529	15,580	15,113	73	96	6 279	106,035	287,109	2,708	2,240
24	47	97 501	25 484,847	393 575,008	15,443	14,976	74	97	4 395	70,179	181,074	2,580	2,113
25	48	97 330	24 056,808	368 090,161	15,301	14,833	75	98	3 003	45,344	110,895	2,446	1,978
26	49	97 140	22 704,210	344 033,352	15,153	14,685	76	99	1 975	28,199	65,551	2,325	1,857
27	50	96 933	21 424,101	321 329,142	14,998	14,531	77	100	1 248	16,857	37,351	2,216	1,748
28	51	96 711	20 212,746	299 905,042	14,837	14,370							
29	52	96 466	19 065,196	279 692,295	14,670	14,203							
30	53	96 205	17 979,937	260 627,099	14,495	14,028							
31	54	95 916	16 951,207	242 647,162	14,314	13,847							
32	55	95 597	15 976,190	225 695,955	14,127	13,659							
33	56	95 241	15 051,288	209 719,765	13,934	13,466							
34	57	94 853	14 174,822	194 668,477	13,733	13,266							
35	58	94 430	13 344,353	180 493,656	13,526	13,058							
36	59	93 965	12 556,620	167 149,303	13,312	12,844							
37	60	93 447	11 808,406	154 592,683	13,092	12,624							
38	61	92 875	11 098,012	142 784,276	12,866	12,398							
39	62	92 262	10 425,346	131 686,264	12,631	12,164							
40	63	91 592	9 786,817	121 260,918	12,390	11,923							
41	64	90 860	9 180,734	111 474,101	12,142	11,675							
42	65	90 056	8 604,724	102 293,367	11,888	11,420							
43	66	89 208	8 060,231	93 688,643	11,624	11,156							
44	67	88 286	7 543,168	85 628,412	11,352	10,884							
45	68	87 308	7 054,017	78 085,244	11,070	10,602							
46	69	86 255	6 589,992	71 031,227	10,779	10,311							
47	70	85 083	6 147,012	64 441,235	10,483	10,016							
48	71	83 819	5 726,434	58 294,223	10,180	9,712							
49	72	82 444	5 326,246	52 567,788	9,870	9,402							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	1 731 305,310	17,408	16,941	50	74	79 618	4 863,992	45 055,047	9,263	8,795
1	25	99 100	93 711,338	1 631 852,544	17,414	16,946	51	75	77 918	4 501,334	40 191,055	8,929	8,461
2	26	99 057	88 577,282	1 538 141,205	17,365	16,897	52	76	76 078	4 156,015	35 689,721	8,587	8,120
3	27	99 026	83 734,954	1 449 563,923	17,311	16,844	53	77	74 095	3 827,636	31 533,706	8,238	7,771
4	28	98 993	79 155,997	1 365 828,969	17,255	16,787	54	78	71 995	3 516,921	27 706,070	7,878	7,410
5	29	98 958	74 825,654	1 286 672,971	17,196	16,728	55	79	69 686	3 219,007	24 189,150	7,514	7,047
6	30	98 925	70 733,231	1 211 847,317	17,133	16,665	56	80	67 155	2 933,421	20 970,143	7,149	6,681
7	31	98 888	66 862,280	1 141 114,087	17,067	16,599	57	81	64 376	2 659,158	18 036,722	6,783	6,315
8	32	98 847	63 200,240	1 074 251,807	16,998	16,530	58	82	61 338	2 395,885	15 377,564	6,418	5,951
9	33	98 806	59 739,196	1 011 051,566	16,924	16,457	59	83	58 003	2 142,446	12 981,680	6,059	5,592
10	34	98 763	56 466,648	951 312,371	16,847	16,380	60	84	54 325	1 897,496	10 839,233	5,712	5,245
11	35	98 718	53 371,996	894 845,723	16,766	16,299	61	85	50 374	1 663,817	8 941,737	5,374	4,907
12	36	98 665	50 442,920	841 473,727	16,682	16,214	62	86	46 168	1 441,965	7 277,920	5,047	4,580
13	37	98 610	47 673,194	791 030,808	16,593	16,125	63	87	41 734	1 232,618	5 835,955	4,735	4,267
14	38	98 551	45 054,084	743 357,614	16,499	16,032	64	88	37 111	1 036,488	4 603,337	4,441	3,974
15	39	98 484	42 575,467	698 303,530	16,402	15,934	65	89	32 442	856,795	3 566,849	4,163	3,695
16	40	98 404	40 228,040	655 728,063	16,300	15,833	66	90	27 829	695,012	2 710,054	3,899	3,432
17	41	98 320	38 007,922	615 500,023	16,194	15,726	67	91	23 336	551,117	2 015,042	3,656	3,189
18	42	98 221	35 905,378	577 492,100	16,084	15,616	68	92	19 112	426,818	1 463,925	3,430	2,962
19	43	98 104	33 912,586	541 586,722	15,970	15,503	69	93	15 215	321,317	1 037,107	3,228	2,760
20	44	97 977	32 026,987	507 674,136	15,851	15,384	70	94	11 775	235,138	715,790	3,044	2,577
21	45	97 844	30 244,436	475 647,150	15,727	15,259	71	95	8 869	167,476	480,652	2,870	2,402
22	46	97 699	28 557,620	445 402,714	15,597	15,129	72	96	6 449	115,158	313,176	2,720	2,252
23	47	97 542	26 961,555	416 845,093	15,461	14,993	73	97	4 525	76,418	198,018	2,591	2,124
24	48	97 375	25 451,733	389 883,538	15,319	14,851	74	98	3 100	49,495	121,600	2,457	1,989
25	49	97 182	24 020,311	364 431,805	15,172	14,704	75	99	2 045	30,878	72,105	2,335	1,868
26	50	96 976	22 665,975	340 411,494	15,019	14,551	76	100	1 297	18,520	41,227	2,226	1,759
27	51	96 755	21 384,597	317 745,519	14,859	14,391							
28	52	96 510	20 170,774	296 360,922	14,693	14,225							
29	53	96 253	19 023,168	276 190,148	14,519	14,051							
30	54	95 967	17 935,373	257 166,979	14,339	13,871							
31	55	95 652	16 904,518	239 231,606	14,152	13,684							
32	56	95 300	15 926,466	222 327,088	13,960	13,492							
33	57	94 919	15 000,391	206 400,622	13,760	13,292							
34	58	94 497	14 121,577	191 400,231	13,554	13,086							
35	59	94 036	13 288,659	177 278,655	13,341	12,873							
36	60	93 530	12 498,427	163 989,996	13,121	12,653							
37	61	92 968	11 747,867	151 491,569	12,895	12,428							
38	62	92 356	11 036,017	139 743,702	12,663	12,195							
39	63	91 698	10 361,523	128 707,685	12,422	11,954							
40	64	90 973	9 720,657	118 346,162	12,175	11,707							
41	65	90 187	9 112,716	108 625,506	11,920	11,453							
42	66	89 334	8 535,768	99 512,789	11,658	11,191							
43	67	88 427	7 989,641	90 977,021	11,387	10,919							
44	68	87 460	7 472,579	82 987,380	11,106	10,638							
45	69	86 417	6 982,038	75 514,801	10,816	10,348							
46	70	85 259	6 513,902	68 532,762	10,521	10,053							
47	71	84 015	6 069,857	62 018,860	10,218	9,750							
48	72	82 661	5 647,326	55 949,004	9,907	9,440							
49	73	81 212	5 246,630	50 301,677	9,587	9,120							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	1 726 827,670	17,366	16,899	50	75	78 170	4 775,506	42 804,118	8,963	8,496
1	26	99 080	93 693,119	1 627 391,241	17,369	16,902	51	76	76 351	4 410,767	38 028,612	8,622	8,154
2	27	99 039	88 561,495	1 533 698,121	17,318	16,850	52	77	74 393	4 063,964	33 617,845	8,272	7,805
3	28	99 005	83 717,391	1 445 136,627	17,262	16,795	53	78	72 322	3 736,008	29 553,881	7,911	7,443
4	29	98 970	79 137,159	1 361 419,236	17,203	16,736	54	79	70 036	3 421,234	25 817,873	7,546	7,079
5	30	98 934	74 807,190	1 282 282,077	17,141	16,674	55	80	67 539	3 119,834	22 396,639	7,179	6,711
6	31	98 897	70 713,228	1 207 474,887	17,076	16,608	56	81	64 787	2 829,984	19 276,804	6,812	6,344
7	32	98 856	66 840,750	1 136 761,659	17,007	16,539	57	82	61 774	2 551,687	16 446,820	6,445	5,978
8	33	98 813	63 179,011	1 069 920,909	16,935	16,467	58	83	58 455	2 283,273	13 895,133	6,086	5,618
9	34	98 771	59 718,273	1 006 741,898	16,858	16,391	59	84	54 802	2 024,192	11 611,861	5,737	5,269
10	35	98 726	56 445,089	947 023,625	16,778	16,310	60	85	50 860	1 776,459	9 587,669	5,397	4,929
11	36	98 672	53 347,074	890 578,536	16,694	16,226	61	86	46 662	1 541,204	7 811,210	5,068	4,601
12	37	98 618	50 418,866	837 231,461	16,606	16,138	62	87	42 231	1 318,996	6 270,006	4,754	4,286
13	38	98 560	47 649,122	786 812,595	16,513	16,045	63	88	37 599	1 110,472	4 951,010	4,458	3,991
14	39	98 496	45 029,119	739 163,474	16,415	15,948	64	89	32 907	919,050	3 840,537	4,179	3,711
15	40	98 420	42 547,765	694 134,354	16,314	15,847	65	90	28 263	746,435	2 921,488	3,914	3,446
16	41	98 342	40 202,571	651 586,589	16,208	15,740	66	91	23 735	592,764	2 175,053	3,669	3,202
17	42	98 248	37 980,065	611 384,018	16,097	15,630	67	92	19 464	459,671	1 582,289	3,442	2,975
18	43	98 142	35 876,408	573 403,953	15,983	15,515	68	93	15 520	346,599	1 122,618	3,239	2,771
19	44	98 016	33 882,211	537 527,545	15,865	15,397	69	94	12 028	254,014	776,019	3,055	2,587
20	45	97 884	31 996,694	503 645,335	15,741	15,273	70	95	9 073	181,184	522,005	2,881	2,413
21	46	97 739	30 211,903	471 648,641	15,611	15,144	71	96	6 614	124,895	340,820	2,729	2,261
22	47	97 583	28 523,803	441 436,738	15,476	15,009	72	97	4 648	82,993	215,926	2,602	2,134
23	48	97 416	26 926,522	412 912,935	15,335	14,867	73	98	3 192	53,894	132,933	2,467	1,999
24	49	97 227	25 413,120	385 986,413	15,188	14,721	74	99	2 111	33,705	79,038	2,345	1,877
25	50	97 019	23 979,860	360 573,293	15,037	14,569	75	100	1 343	20,279	45,333	2,235	1,768
26	51	96 797	22 624,181	336 593,433	14,878	14,410							
27	52	96 554	21 340,192	313 969,252	14,713	14,245							
28	53	96 297	20 126,310	292 629,061	14,540	14,072							
29	54	96 014	18 976,018	272 502,751	14,360	13,893							
30	55	95 703	17 885,974	253 526,733	14,175	13,707							
31	56	95 354	16 851,905	235 640,759	13,983	13,515							
32	57	94 977	15 872,610	218 788,854	13,784	13,316							
33	58	94 563	14 944,045	202 916,245	13,578	13,111							
34	59	94 102	14 062,639	187 972,200	13,367	12,899							
35	60	93 600	13 227,073	173 909,561	13,148	12,680							
36	61	93 050	12 434,350	160 682,488	12,922	12,455							
37	62	92 449	11 682,241	148 248,138	12,690	12,222							
38	63	91 791	10 968,455	136 565,896	12,451	11,983							
39	64	91 078	10 291,477	125 597,442	12,204	11,736							
40	65	90 299	9 648,638	115 305,964	11,950	11,483							
41	66	89 464	9 039,690	105 657,326	11,688	11,221							
42	67	88 552	8 461,014	96 617,637	11,419	10,952							
43	68	87 599	7 914,874	88 156,622	11,138	10,671							
44	69	86 567	7 396,329	80 241,748	10,849	10,381							
45	70	85 419	6 901,422	72 845,418	10,555	10,088							
46	71	84 189	6 432,141	65 943,997	10,252	9,785							
47	72	82 854	5 986,005	59 511,856	9,942	9,474							
48	73	81 425	5 562,911	53 525,851	9,622	9,154							
49	74	79 853	5 158,822	47 962,941	9,297	8,830							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	5 764,440	78 158,856	13,559	13,091
1	0	99 661	94 242,461	1 686 618,236	17,897	17,429	51	50	93 896	5 424,341	72 394,415	13,346	12,879
2	1	99 349	88 838,973	1 592 375,775	17,924	17,457	52	51	93 387	5 101,623	66 970,074	13,127	12,660
3	2	99 314	83 978,628	1 503 536,802	17,904	17,436	53	52	92 821	4 794,975	61 868,451	12,903	12,435
4	3	99 289	79 392,567	1 419 558,174	17,880	17,413	54	53	92 198	4 503,838	57 073,476	12,672	12,205
5	4	99 268	75 059,663	1 340 165,608	17,855	17,387	55	54	91 509	4 227,115	52 569,638	12,436	11,969
6	5	99 250	70 965,421	1 265 105,945	17,827	17,359	56	55	90 738	3 963,593	48 342,523	12,197	11,729
7	6	99 234	67 096,179	1 194 140,524	17,797	17,330	57	56	89 883	3 712,748	44 378,930	11,953	11,486
8	7	99 217	63 437,125	1 127 044,345	17,766	17,299	58	57	88 946	3 474,264	40 666,182	11,705	11,237
9	8	99 205	59 980,400	1 063 607,220	17,733	17,265	59	58	87 927	3 247,735	37 191,918	11,452	10,984
10	9	99 190	56 710,414	1 003 626,820	17,697	17,230	60	59	86 799	3 031,750	33 944,184	11,196	10,729
11	10	99 177	53 620,026	946 916,405	17,660	17,192	61	60	85 572	2 826,353	30 912,433	10,937	10,470
12	11	99 165	50 698,193	893 296,380	17,620	17,152	62	61	84 231	2 630,805	28 086,081	10,676	10,208
13	12	99 148	47 933,623	842 598,186	17,578	17,111	63	62	82 776	2 444,786	25 455,275	10,412	9,944
14	13	99 133	45 320,227	794 664,563	17,534	17,067	64	63	81 204	2 267,935	23 010,489	10,146	9,678
15	14	99 113	42 847,325	749 344,337	17,489	17,021	65	64	79 515	2 100,016	20 742,554	9,877	9,410
16	15	99 088	40 507,531	706 497,012	17,441	16,974	66	65	77 714	1 940,858	18 642,538	9,605	9,138
17	16	99 054	38 291,801	665 989,481	17,392	16,925	67	66	75 796	1 790,033	16 701,680	9,330	8,863
18	17	99 015	36 195,458	627 697,680	17,342	16,874	68	67	73 774	1 647,542	14 911,647	9,051	8,583
19	18	98 964	34 209,735	591 502,222	17,290	16,823	69	68	71 648	1 513,071	13 264,105	8,766	8,299
20	19	98 908	32 331,329	557 292,487	17,237	16,769	70	69	69 422	1 386,342	11 751,034	8,476	8,009
21	20	98 851	30 555,722	524 961,158	17,180	16,713	71	70	67 076	1 266,655	10 364,691	8,183	7,715
22	21	98 795	28 877,885	494 405,437	17,121	16,653	72	71	64 582	1 153,253	9 098,036	7,889	7,421
23	22	98 737	27 291,610	465 527,551	17,058	16,590	73	72	62 016	1 047,214	7 944,783	7,587	7,119
24	23	98 678	25 792,497	438 235,941	16,991	16,523	74	73	59 328	947,348	6 897,569	7,281	6,813
25	24	98 617	24 374,908	412 443,445	16,921	16,453	75	74	56 516	853,377	5 950,222	6,973	6,505
26	25	98 557	23 035,593	388 068,536	16,846	16,379	76	75	53 588	765,168	5 096,845	6,661	6,194
27	26	98 495	21 769,235	365 032,943	16,768	16,301	77	76	50 543	682,454	4 331,678	6,347	5,880
28	27	98 433	20 572,339	343 263,708	16,685	16,218	78	77	47 434	605,646	3 649,223	6,025	5,558
29	28	98 367	19 440,956	322 691,069	16,599	16,131	79	78	44 228	534,006	3 043,577	5,700	5,232
30	29	98 295	18 370,440	303 250,113	16,508	16,040	80	79	40 896	466,928	2 509,571	5,375	4,907
31	30	98 219	17 358,116	284 879,673	16,412	15,944	81	80	37 425	404,064	2 042,643	5,055	4,588
32	31	98 135	16 400,239	267 521,557	16,312	15,844	82	81	33 859	345,692	1 638,579	4,740	4,272
33	32	98 043	15 494,036	251 121,317	16,208	15,740	83	82	30 236	291,914	1 292,887	4,429	3,961
34	33	97 941	14 636,380	235 627,282	16,099	15,631	84	83	26 539	242,285	1 000,973	4,131	3,664
35	34	97 838	13 825,978	220 990,902	15,984	15,516	85	84	22 828	197,074	758,688	3,850	3,382
36	35	97 727	13 059,352	207 164,924	15,863	15,396	86	85	19 194	156,691	561,613	3,584	3,117
37	36	97 595	12 332,602	194 105,571	15,739	15,272	87	86	15 740	121,513	404,923	3,332	2,865
38	37	97 451	11 644,846	181 772,969	15,610	15,142	88	87	12 540	91,545	283,410	3,096	2,628
39	38	97 303	10 994,932	170 128,123	15,473	15,006	89	88	9 640	66,545	191,865	2,883	2,416
40	39	97 137	10 379,339	159 133,191	15,332	14,864	90	89	7 136	46,580	125,320	2,690	2,223
41	40	96 954	9 796,453	148 753,852	15,184	14,717	91	90	5 077	31,337	78,740	2,513	2,045
42	41	96 752	9 244,489	138 957,398	15,031	14,564	92	91	3 461	20,201	47,403	2,347	1,879
43	42	96 544	8 723,070	129 712,909	14,870	14,403	93	92	2 240	12,365	27,202	2,200	1,732
44	43	96 312	8 228,967	120 989,839	14,703	14,235	94	93	1 374	7,169	14,837	2,069	1,602
45	44	96 059	7 761,079	112 760,873	14,529	14,061	95	94	793	3,913	7,667	1,959	1,492
46	45	95 788	7 318,360	104 999,794	14,347	13,880	96	95	433	2,022	3,754	1,857	1,389
47	46	95 488	6 898,732	97 681,433	14,159	13,692	97	96	221	0,977	1,733	1,773	1,305
48	47	95 152	6 500,706	90 782,702	13,965	13,497	98	97	106	0,444	0,755	1,700	1,233
49	48	94 779	6 123,140	84 281,996	13,765	13,297	99	98	49	0,192	0,311	1,620	1,153
							100	99	21	0,077	0,119	1,556	1,088

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	5 773,199	78 675,698	13,628	13,160
1							51	49	94 054	5 433,491	72 902,499	13,417	12,950
2	0	99 637	89 096,629	1 593 404,027	17,884	17,416	52	50	93 560	5 111,048	67 469,008	13,201	12,733
3	1	99 336	83 997,310	1 504 307,398	17,909	17,441	53	51	93 014	4 804,953	62 357,960	12,978	12,510
4	2	99 302	79 403,000	1 420 310,088	17,887	17,420	54	52	92 402	4 513,788	57 553,008	12,750	12,283
5	3	99 278	75 067,147	1 340 907,088	17,863	17,395	55	53	91 737	4 237,618	53 039,219	12,516	12,049
6	4	99 259	70 971,954	1 265 839,941	17,836	17,368	56	54	90 989	3 974,540	48 801,601	12,279	11,811
7	5	99 241	67 100,738	1 194 867,987	17,807	17,340	57	55	90 163	3 724,339	44 827,061	12,036	11,569
8	6	99 224	63 441,758	1 127 767,249	17,776	17,309	58	56	89 247	3 486,052	41 102,722	11,791	11,323
9	7	99 210	59 983,257	1 064 325,491	17,744	17,276	59	57	88 259	3 259,980	37 616,670	11,539	11,071
10	8	99 197	56 714,502	1 004 342,234	17,709	17,241	60	58	87 163	3 044,457	34 356,690	11,285	10,817
11	9	99 182	53 622,876	947 627,733	17,672	17,205	61	59	85 970	2 839,512	31 312,233	11,027	10,560
12	10	99 170	50 701,012	894 004,857	17,633	17,165	62	60	84 665	2 644,363	28 472,721	10,767	10,300
13	11	99 156	47 937,310	843 303,845	17,592	17,124	63	61	83 241	2 458,520	25 828,358	10,506	10,038
14	12	99 139	45 323,091	795 366,535	17,549	17,081	64	62	81 704	2 281,905	23 369,839	10,241	9,774
15	13	99 121	42 850,712	750 043,444	17,504	17,036	65	63	80 056	2 114,309	21 087,934	9,974	9,506
16	14	99 097	40 511,268	707 192,732	17,457	16,989	66	64	78 294	1 955,344	18 973,624	9,703	9,236
17	15	99 066	38 296,234	666 681,465	17,409	16,941	67	65	76 408	1 804,494	17 018,280	9,431	8,963
18	16	99 028	36 200,086	628 385,230	17,359	16,891	68	66	74 426	1 662,098	15 213,786	9,153	8,686
19	17	98 977	34 214,171	592 185,145	17,308	16,841	69	67	72 325	1 527,364	13 551,687	8,873	8,405
20	18	98 924	32 336,578	557 970,973	17,255	16,788	70	68	70 138	1 400,634	12 024,324	8,585	8,117
21	19	98 867	30 560,745	525 634,396	17,200	16,732	71	69	67 859	1 281,451	10 623,689	8,290	7,823
22	20	98 811	28 882,613	495 073,651	17,141	16,673	72	70	65 403	1 167,912	9 342,238	7,999	7,532
23	21	98 753	27 296,245	466 191,038	17,079	16,611	73	71	62 885	1 061,883	8 174,326	7,698	7,230
24	22	98 695	25 796,825	438 894,793	17,014	16,546	74	72	60 228	961,724	7 112,443	7,396	6,928
25	23	98 633	24 378,896	413 097,968	16,945	16,477	75	73	57 478	867,902	6 150,719	7,087	6,619
26	24	98 574	23 039,378	388 719,073	16,872	16,404	76	74	54 581	779,346	5 282,817	6,779	6,311
27	25	98 514	21 773,468	365 679,695	16,795	16,327	77	75	51 581	696,467	4 503,472	6,466	5,999
28	26	98 451	20 576,307	343 906,227	16,714	16,246	78	76	48 508	619,364	3 807,004	6,147	5,679
29	27	98 387	19 445,034	323 329,920	16,628	16,160	79	77	45 313	547,103	3 187,640	5,826	5,359
30	28	98 318	18 374,813	303 884,886	16,538	16,071	80	78	42 040	479,988	2 640,538	5,501	5,034
31	29	98 243	17 362,401	285 510,072	16,444	15,977	81	79	38 615	416,908	2 160,550	5,182	4,715
32	30	98 162	16 404,878	268 147,672	16,346	15,878	82	80	35 097	358,327	1 743,642	4,866	4,398
33	31	98 075	15 499,026	251 742,793	16,242	15,775	83	81	31 510	304,209	1 385,314	4,554	4,086
34	32	97 974	14 641,298	236 243,767	16,135	15,668	84	82	27 848	254,235	1 081,106	4,252	3,785
35	33	97 873	13 830,822	221 602,469	16,022	15,555	85	83	24 161	208,587	826,871	3,964	3,497
36	34	97 764	13 064,340	207 771,647	15,904	15,436	86	84	20 501	167,367	618,284	3,694	3,227
37	35	97 641	12 338,363	194 707,307	15,781	15,313	87	85	16 993	131,180	450,917	3,437	2,970
38	36	97 498	11 650,402	182 368,943	15,653	15,186	88	86	13 709	100,079	319,737	3,195	2,727
39	37	97 352	11 000,486	170 718,541	15,519	15,052	89	87	10 700	73,865	219,657	2,974	2,506
40	38	97 191	10 385,094	159 718,055	15,380	14,912	90	88	8 047	52,532	145,792	2,775	2,308
41	39	97 017	9 802,832	149 332,961	15,234	14,766	91	89	5 827	35,970	93,260	2,593	2,125
42	40	96 813	9 250,346	139 530,130	15,084	14,616	92	90	4 058	23,686	57,291	2,419	1,951
43	41	96 615	8 729,468	130 279,783	14,924	14,457	93	91	2 686	14,825	33,605	2,267	1,799
44	42	96 390	8 235,611	121 550,316	14,759	14,292	94	92	1 691	8,829	18,780	2,127	1,660
45	43	96 145	7 768,037	113 314,704	14,587	14,120	95	93	1 003	4,950	9,951	2,010	1,543
46	44	95 879	7 325,289	105 546,667	14,409	13,941	96	94	562	2,624	5,001	1,906	1,439
47	45	95 590	6 906,160	98 221,378	14,222	13,755	97	95	297	1,310	2,377	1,814	1,347
48	46	95 265	6 508,413	91 315,218	14,030	13,563	98	96	148	0,616	1,067	1,731	1,263
49	47	94 902	6 131,107	84 806,805	13,832	13,365	99	97	69	0,272	0,451	1,655	1,188
							100	98	30	0,112	0,178	1,587	1,119

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	5 780,710	79 150,548	13,692	13,225
1							51	48	94 197	5 441,747	73 369,838	13,483	13,015
2							52	49	93 718	5 119,670	67 928,091	13,268	12,800
3	0	99 624	84 240,924	1 505 258,110	17,868	17,401	53	50	93 186	4 813,829	62 808,421	13,047	12,580
4	1	99 324	79 420,665	1 421 017,187	17,892	17,425	54	51	92 594	4 523,181	57 994,592	12,822	12,354
5	2	99 291	75 077,012	1 341 596,522	17,870	17,402	55	52	91 939	4 246,980	53 471,412	12,590	12,123
6	3	99 269	70 979,031	1 266 519,510	17,844	17,376	56	53	91 215	3 984,416	49 224,432	12,354	11,887
7	4	99 250	67 106,916	1 195 540,479	17,815	17,348	57	54	90 412	3 734,625	45 240,016	12,114	11,646
8	5	99 231	63 446,068	1 128 433,564	17,786	17,318	58	55	89 526	3 496,936	41 505,390	11,869	11,401
9	6	99 217	59 987,637	1 064 987,495	17,753	17,286	59	56	88 558	3 271,041	38 008,454	11,620	11,152
10	7	99 202	56 717,203	1 004 999,858	17,719	17,252	60	57	87 492	3 055,936	34 737,413	11,367	10,900
11	8	99 189	53 626,741	948 282,655	17,683	17,215	61	58	86 330	2 851,413	31 681,477	11,111	10,643
12	9	99 175	50 703,707	894 655,915	17,645	17,177	62	59	85 059	2 656,675	28 830,065	10,852	10,384
13	10	99 161	47 939,975	843 952,208	17,604	17,137	63	60	83 670	2 471,189	26 173,390	10,591	10,124
14	11	99 147	45 326,577	796 012,233	17,562	17,094	64	61	82 163	2 294,724	23 702,201	10,329	9,861
15	12	99 127	42 853,420	750 685,656	17,518	17,050	65	62	80 549	2 127,333	21 407,477	10,063	9,595
16	13	99 105	40 514,470	707 832,236	17,471	17,004	66	63	78 827	1 968,653	19 280,144	9,794	9,326
17	14	99 075	38 299,767	667 317,766	17,424	16,956	67	64	76 979	1 817,963	17 311,491	9,522	9,055
18	15	99 039	36 204,277	629 017,999	17,374	16,907	68	65	75 027	1 675,526	15 493,528	9,247	8,779
19	16	98 989	34 218,546	592 813,721	17,324	16,857	69	66	72 964	1 540,858	13 818,003	8,968	8,500
20	17	98 937	32 340,771	558 595,176	17,272	16,805	70	67	70 800	1 413,865	12 277,145	8,683	8,216
21	18	98 883	30 565,706	526 254,405	17,217	16,750	71	68	68 559	1 294,662	10 863,279	8,391	7,923
22	19	98 827	28 887,361	495 688,699	17,159	16,692	72	69	66 167	1 181,555	9 568,618	8,098	7,631
23	20	98 769	27 300,713	466 801,337	17,099	16,631	73	70	63 684	1 075,381	8 387,063	7,799	7,332
24	21	98 712	25 801,206	439 500,624	17,034	16,567	74	71	61 072	975,195	7 311,681	7,498	7,030
25	22	98 650	24 382,986	413 699,418	16,967	16,499	75	72	58 350	881,072	6 336,486	7,192	6,724
26	23	98 590	23 043,147	389 316,432	16,895	16,428	76	73	55 510	792,611	5 455,414	6,883	6,415
27	24	98 530	21 777,045	366 273,285	16,819	16,352	77	74	52 537	709,372	4 662,803	6,573	6,106
28	25	98 470	20 580,308	344 496,240	16,739	16,272	78	75	49 504	632,081	3 953,431	6,255	5,787
29	26	98 405	19 448,501	323 915,932	16,655	16,187	79	76	46 339	559,495	3 321,350	5,936	5,469
30	27	98 339	18 378,668	304 467,431	16,566	16,099	80	77	43 071	491,760	2 761,855	5,616	5,149
31	28	98 266	17 366,534	286 088,763	16,474	16,006	81	78	39 695	428,569	2 270,095	5,297	4,829
32	29	98 187	16 408,928	268 722,229	16,377	15,909	82	79	36 213	369,718	1 841,527	4,981	4,513
33	30	98 102	15 503,411	252 313,302	16,275	15,807	83	80	32 661	315,328	1 471,809	4,668	4,200
34	31	98 006	14 646,014	236 809,891	16,169	15,701	84	81	29 020	264,942	1 156,481	4,365	3,897
35	32	97 905	13 835,469	222 163,877	16,058	15,590	85	82	25 353	218,875	891,539	4,073	3,606
36	33	97 799	13 068,917	208 328,407	15,941	15,473	86	83	21 699	177,145	672,664	3,797	3,330
37	34	97 678	12 343,076	195 259,490	15,819	15,352	87	84	18 150	140,118	495,519	3,536	3,069
38	35	97 543	11 655,844	182 916,414	15,693	15,226	88	85	14 800	108,041	355,401	3,289	2,822
39	36	97 399	11 005,735	171 260,570	15,561	15,093	89	86	11 698	80,751	247,360	3,063	2,596
40	37	97 240	10 390,340	160 254,835	15,423	14,956	90	87	8 933	58,310	166,609	2,857	2,390
41	38	97 071	9 808,266	149 864,495	15,279	14,812	91	88	6 572	40,566	108,298	2,670	2,202
42	39	96 876	9 256,369	140 056,229	15,131	14,663	92	89	4 658	27,188	67,732	2,491	2,024
43	40	96 676	8 734,998	130 799,860	14,974	14,507	93	90	3 149	17,382	40,545	2,333	1,865
44	41	96 461	8 241,652	122 064,862	14,811	14,343	94	91	2 028	10,585	23,162	2,188	1,721
45	42	96 223	7 774,309	113 823,210	14,641	14,173	95	92	1 235	6,095	12,577	2,063	1,596
46	43	95 965	7 331,856	106 048,900	14,464	13,997	96	93	711	3,319	6,482	1,953	1,485
47	44	95 681	6 912,699	98 717,044	14,281	13,813	97	94	385	1,701	3,163	1,860	1,392
48	45	95 368	6 515,421	91 804,345	14,090	13,623	98	95	198	0,827	1,462	1,769	1,302
49	46	95 015	6 138,376	85 288,924	13,894	13,427	99	96	96	0,378	0,636	1,683	1,216
							100	97	43	0,159	0,258	1,619	1,152

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	5 787,564	79 586,325	13,751	13,284
1							51	47	94 320	5 448,827	73 798,761	13,544	13,076
2							52	48	93 860	5 127,449	68 349,934	13,330	12,863
3							53	49	93 343	4 821,950	63 222,486	13,111	12,644
4	0	99 612	79 651,005	1 421 895,891	17,852	17,384	54	50	92 765	4 531,536	58 400,536	12,888	12,420
5	1	99 313	75 093,714	1 342 244,886	17,874	17,407	55	51	92 131	4 255,817	53 869,000	12,658	12,190
6	2	99 282	70 988,359	1 267 151,172	17,850	17,383	56	52	91 416	3 993,219	49 613,182	12,424	11,957
7	3	99 260	67 113,607	1 196 162,813	17,823	17,355	57	53	90 637	3 743,905	45 619,964	12,185	11,718
8	4	99 240	63 451,909	1 129 049,206	17,794	17,326	58	54	89 773	3 506,594	41 876,059	11,942	11,475
9	5	99 224	59 991,713	1 065 597,297	17,762	17,295	59	55	88 835	3 281,254	38 369,465	11,694	11,226
10	6	99 209	56 721,344	1 005 605,584	17,729	17,261	60	56	87 789	3 066,305	35 088,211	11,443	10,976
11	7	99 194	53 629,295	948 884,240	17,693	17,226	61	57	86 656	2 862,164	32 021,906	11,188	10,720
12	8	99 183	50 707,361	895 254,945	17,655	17,188	62	58	85 416	2 667,809	29 159,742	10,930	10,463
13	9	99 167	47 942,523	844 547,584	17,616	17,148	63	59	84 060	2 482,695	26 491,933	10,671	10,203
14	10	99 152	45 329,097	796 605,061	17,574	17,106	64	60	82 586	2 306,549	24 009,238	10,409	9,942
15	11	99 134	42 856,716	751 275,964	17,530	17,062	65	61	81 001	2 139,283	21 702,689	10,145	9,677
16	12	99 111	40 517,031	708 419,248	17,484	17,017	66	62	79 312	1 980,779	19 563,406	9,877	9,409
17	13	99 082	38 302,795	667 902,217	17,437	16,970	67	63	77 503	1 830,336	17 582,627	9,606	9,139
18	14	99 048	36 207,617	629 599,422	17,389	16,921	68	64	75 587	1 688,032	15 752,291	9,332	8,864
19	15	99 001	34 222,508	593 391,805	17,339	16,872	69	65	73 553	1 553,306	14 064,259	9,054	8,587
20	16	98 949	32 344,906	559 169,297	17,288	16,820	70	66	71 426	1 426,357	12 510,953	8,771	8,304
21	17	98 896	30 569,670	526 824,391	17,234	16,766	71	67	69 206	1 306,892	11 084,596	8,482	8,014
22	18	98 843	28 892,051	496 254,722	17,176	16,709	72	68	66 849	1 193,736	9 777,704	8,191	7,723
23	19	98 786	27 305,202	467 362,671	17,116	16,649	73	69	64 428	1 087,943	8 583,969	7,890	7,423
24	20	98 728	25 805,430	440 057,469	17,053	16,585	74	70	61 848	987,591	7 496,026	7,590	7,123
25	21	98 667	24 387,127	414 252,040	16,987	16,519	75	71	59 167	893,414	6 508,434	7,285	6,817
26	22	98 606	23 047,014	389 864,912	16,916	16,448	76	72	56 352	804,638	5 615,020	6,978	6,511
27	23	98 546	21 780,608	366 817,899	16,841	16,374	77	73	53 431	721,446	4 810,382	6,668	6,200
28	24	98 486	20 583,689	345 037,291	16,763	16,295	78	74	50 422	643,793	4 088,935	6,351	5,884
29	25	98 424	19 452,283	324 453,602	16,679	16,212	79	75	47 290	570,983	3 445,142	6,034	5,566
30	26	98 356	18 381,944	305 001,319	16,592	16,125	80	76	44 046	502,898	2 874,159	5,715	5,248
31	27	98 287	17 370,177	286 619,375	16,501	16,033	81	77	40 668	439,080	2 371,261	5,401	4,933
32	28	98 210	16 412,834	269 249,198	16,405	15,937	82	78	37 226	380,058	1 932,181	5,084	4,616
33	29	98 127	15 507,237	252 836,364	16,304	15,837	83	79	33 700	325,351	1 552,123	4,771	4,303
34	30	98 034	14 650,157	237 329,127	16,200	15,732	84	80	30 081	274,626	1 226,772	4,467	3,999
35	31	97 937	13 839,926	222 678,970	16,090	15,622	85	81	26 421	228,094	952,146	4,174	3,707
36	32	97 832	13 073,309	208 839,044	15,974	15,507	86	82	22 769	185,881	724,052	3,895	3,428
37	33	97 712	12 347,400	195 765,735	15,855	15,387	87	83	19 211	148,304	538,171	3,629	3,161
38	34	97 581	11 660,296	183 418,335	15,730	15,263	88	84	15 808	115,403	389,867	3,378	2,911
39	35	97 444	11 010,876	171 758,039	15,599	15,131	89	85	12 628	87,176	274,465	3,148	2,681
40	36	97 286	10 395,297	160 747,163	15,463	14,996	90	86	9 765	63,747	187,289	2,938	2,470
41	37	97 120	9 813,221	150 351,865	15,321	14,854	91	87	7 295	45,028	123,542	2,744	2,276
42	38	96 930	9 261,501	140 538,644	15,175	14,707	92	88	5 253	30,662	78,514	2,561	2,093
43	39	96 739	8 740,685	131 277,143	15,019	14,552	93	89	3 615	19,952	47,852	2,398	1,931
44	40	96 522	8 246,873	122 536,458	14,859	14,391	94	90	2 378	12,411	27,900	2,248	1,780
45	41	96 294	7 780,012	114 289,585	14,690	14,223	95	91	1 481	7,308	15,489	2,120	1,652
46	42	96 042	7 337,777	106 509,573	14,515	14,048	96	92	876	4,087	8,181	2,002	1,534
47	43	95 767	6 918,896	99 171,796	14,333	13,866	97	93	487	2,151	4,094	1,903	1,436
48	44	95 458	6 521,590	92 252,900	14,146	13,678	98	94	257	1,073	1,943	1,811	1,344
49	45	95 117	6 144,986	85 731,310	13,951	13,484	99	95	128	0,506	0,870	1,718	1,251
							100	96	59	0,221	0,364	1,645	1,178

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	5 793,796	79 985,835	13,805	13,338
1							51	46	94 431	5 455,287	74 192,039	13,600	13,132
2							52	47	93 982	5 134,120	68 736,752	13,388	12,921
3							53	48	93 485	4 829,276	63 602,632	13,170	12,703
4							54	49	92 922	4 539,181	58 773,356	12,948	12,480
5	0	99 601	75 311,505	1 343 056,820	17,833	17,366	55	50	92 301	4 263,679	54 234,176	12,720	12,252
6	1	99 304	71 004,151	1 267 745,315	17,855	17,387	56	51	91 607	4 001,528	49 970,496	12,488	12,020
7	2	99 273	67 122,427	1 196 741,164	17,829	17,362	57	52	90 837	3 752,176	45 968,969	12,251	11,784
8	3	99 250	63 458,236	1 129 618,737	17,801	17,333	58	53	89 996	3 515,307	42 216,792	12,009	11,542
9	4	99 233	59 997,236	1 066 160,501	17,770	17,303	59	54	89 080	3 290,316	38 701,485	11,762	11,295
10	5	99 216	56 725,199	1 006 163,265	17,738	17,270	60	55	88 063	3 075,878	35 411,169	11,513	11,045
11	6	99 201	53 633,211	949 438,066	17,702	17,235	61	56	86 950	2 871,875	32 335,291	11,259	10,792
12	7	99 187	50 709,776	895 804,855	17,665	17,198	62	57	85 738	2 677,868	29 463,416	11,003	10,535
13	8	99 174	47 945,978	845 095,079	17,626	17,158	63	58	84 412	2 493,100	26 785,548	10,744	10,276
14	9	99 157	45 331,506	797 149,100	17,585	17,117	64	59	82 971	2 317,288	24 292,448	10,483	10,016
15	10	99 140	42 859,099	751 817,594	17,542	17,074	65	60	81 419	2 150,307	21 975,159	10,220	9,752
16	11	99 119	40 520,147	708 958,496	17,496	17,029	66	61	79 758	1 991,906	19 824,852	9,953	9,485
17	12	99 089	38 305,216	668 438,349	17,450	16,983	67	62	77 980	1 841,610	17 832,946	9,683	9,216
18	13	99 056	36 210,479	630 133,133	17,402	16,934	68	63	76 101	1 699,521	15 991,335	9,409	8,942
19	14	99 010	34 225,665	593 922,654	17,353	16,886	69	64	74 102	1 564,900	14 291,814	9,133	8,665
20	15	98 961	32 348,651	559 696,989	17,302	16,834	70	65	72 003	1 437,880	12 726,914	8,851	8,384
21	16	98 909	30 573,578	527 348,338	17,248	16,781	71	66	69 818	1 318,438	11 289,035	8,562	8,095
22	17	98 856	28 895,797	496 774,760	17,192	16,724	72	67	67 481	1 205,012	9 970,597	8,274	7,807
23	18	98 802	27 309,634	467 878,962	17,132	16,665	73	68	65 092	1 099,159	8 765,584	7,975	7,507
24	19	98 744	25 809,672	440 569,328	17,070	16,602	74	69	62 570	999,128	7 666,426	7,673	7,206
25	20	98 683	24 391,120	414 759,656	17,005	16,537	75	70	59 919	904,770	6 667,298	7,369	6,901
26	21	98 623	23 050,928	390 368,536	16,935	16,467	76	71	57 141	815,910	5 762,527	7,063	6,595
27	22	98 563	21 784,263	367 317,608	16,862	16,394	77	72	54 242	732,394	4 946,618	6,754	6,286
28	23	98 502	20 587,056	345 533,346	16,784	16,316	78	73	51 280	654,751	4 214,224	6,436	5,969
29	24	98 440	19 455,479	324 946,290	16,702	16,234	79	74	48 167	581,563	3 559,472	6,121	5,653
30	25	98 376	18 385,519	305 490,811	16,616	16,148	80	75	44 951	513,224	2 977,909	5,802	5,335
31	26	98 304	17 373,274	287 105,292	16,526	16,058	81	76	41 589	449,025	2 464,685	5,489	5,021
32	27	98 231	16 416,277	269 732,019	16,431	15,963	82	77	38 138	389,379	2 015,660	5,177	4,709
33	28	98 150	15 510,929	253 315,742	16,331	15,864	83	78	34 642	334,451	1 626,281	4,863	4,395
34	29	98 058	14 653,773	237 804,813	16,228	15,761	84	79	31 037	283,356	1 291,830	4,559	4,091
35	30	97 965	13 843,841	223 151,040	16,119	15,652	85	80	27 386	236,430	1 008,474	4,265	3,798
36	31	97 863	13 077,520	209 307,199	16,005	15,538	86	81	23 728	193,710	772,044	3,986	3,518
37	32	97 745	12 351,549	196 229,679	15,887	15,419	87	82	20 158	155,618	578,334	3,716	3,249
38	33	97 615	11 664,381	183 878,130	15,764	15,296	88	83	16 732	122,144	422,716	3,461	2,993
39	34	97 482	11 015,081	172 213,749	15,634	15,167	89	84	13 489	93,115	300,571	3,228	2,760
40	35	97 332	10 400,154	161 198,667	15,500	15,032	90	85	10 542	68,818	207,456	3,015	2,547
41	36	97 166	9 817,903	150 798,514	15,360	14,892	91	86	7 975	49,226	138,638	2,816	2,349
42	37	96 979	9 266,179	140 980,611	15,215	14,747	92	87	5 831	34,035	89,412	2,627	2,160
43	38	96 793	8 745,531	131 714,431	15,061	14,593	93	88	4 077	22,502	55,377	2,461	1,993
44	39	96 585	8 252,243	122 968,900	14,901	14,434	94	89	2 729	14,246	32,876	2,308	1,840
45	40	96 355	7 784,941	114 716,657	14,736	14,268	95	90	1 736	8,568	18,630	2,174	1,707
46	41	96 113	7 343,159	106 931,717	14,562	14,095	96	91	1 050	4,900	10,061	2,053	1,586
47	42	95 844	6 924,483	99 588,558	14,382	13,915	97	92	600	2,649	5,161	1,948	1,481
48	43	95 543	6 527,436	92 664,075	14,196	13,729	98	93	325	1,357	2,512	1,851	1,384
49	44	95 207	6 150,803	86 136,638	14,004	13,537	99	94	167	0,657	1,155	1,757	1,289
							100	95	79	0,297	0,498	1,678	1,210

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	5 799,281	80 351,597	13,855	13,388
1							51	45	94 533	5 461,162	74 552,316	13,651	13,184
2							52	46	94 094	5 140,207	69 091,155	13,441	12,974
3							53	47	93 607	4 835,559	63 950,948	13,225	12,758
4							54	48	93 063	4 546,078	59 115,389	13,004	12,536
5							55	49	92 456	4 270,872	54 569,311	12,777	12,310
6	0	99 592	71 210,081	1 268 495,422	17,813	17,346	56	50	91 776	4 008,920	50 298,440	12,547	12,079
7	1	99 295	67 137,359	1 197 285,340	17,833	17,366	57	51	91 026	3 759,984	46 289,520	12,311	11,844
8	2	99 263	63 466,576	1 130 147,981	17,807	17,339	58	52	90 195	3 523,073	42 529,536	12,072	11,604
9	3	99 243	60 003,218	1 066 681,405	17,777	17,309	59	53	89 301	3 298,492	39 006,463	11,826	11,358
10	4	99 225	56 730,421	1 006 678,187	17,745	17,277	60	54	88 306	3 084,373	35 707,971	11,577	11,109
11	5	99 208	53 636,855	949 947,767	17,711	17,243	61	55	87 221	2 880,842	32 623,598	11,324	10,857
12	6	99 195	50 713,479	896 310,911	17,674	17,206	62	56	86 029	2 686,954	29 742,756	11,069	10,602
13	7	99 179	47 948,262	845 597,432	17,636	17,168	63	57	84 730	2 502,500	27 055,802	10,812	10,344
14	8	99 165	45 334,773	797 649,170	17,595	17,127	64	58	83 318	2 327,000	24 553,301	10,551	10,084
15	9	99 145	42 861,377	752 314,397	17,552	17,085	65	59	81 798	2 160,319	22 226,301	10,288	9,821
16	10	99 125	40 522,400	709 453,020	17,508	17,040	66	60	80 169	2 002,171	20 065,982	10,022	9,555
17	11	99 096	38 308,162	668 930,620	17,462	16,994	67	61	78 418	1 851,956	18 063,811	9,754	9,286
18	12	99 062	36 212,768	630 622,458	17,414	16,947	68	62	76 570	1 709,989	16 211,855	9,481	9,013
19	13	99 018	34 228,371	594 409,691	17,366	16,898	69	63	74 607	1 575,551	14 501,866	9,204	8,737
20	14	98 970	32 351,635	560 181,320	17,315	16,848	70	64	72 540	1 448,612	12 926,315	8,923	8,456
21	15	98 920	30 577,118	527 829,685	17,262	16,795	71	65	70 382	1 329,089	11 477,703	8,636	8,168
22	16	98 869	28 899,492	497 252,567	17,206	16,739	72	66	68 077	1 215,659	10 148,614	8,348	7,881
23	17	98 815	27 313,176	468 353,075	17,148	16,680	73	67	65 707	1 109,542	8 932,955	8,051	7,583
24	18	98 760	25 813,862	441 039,899	17,085	16,618	74	68	63 215	1 009,428	7 823,413	7,750	7,283
25	19	98 699	24 395,129	415 226,037	17,021	16,553	75	69	60 619	915,339	6 813,985	7,444	6,977
26	20	98 639	23 054,701	390 830,907	16,952	16,485	76	70	57 868	826,281	5 898,646	7,139	6,671
27	21	98 580	21 787,962	367 776,206	16,880	16,412	77	71	55 002	742,653	5 072,365	6,830	6,362
28	22	98 518	20 590,511	345 988,244	16,803	16,336	78	72	52 058	664,687	4 329,712	6,514	6,046
29	23	98 456	19 458,661	325 397,733	16,723	16,255	79	73	48 986	591,462	3 665,025	6,197	5,729
30	24	98 392	18 388,539	305 939,072	16,637	16,170	80	74	45 784	522,734	3 073,563	5,880	5,412
31	25	98 324	17 376,652	287 550,532	16,548	16,081	81	75	42 443	458,245	2 550,829	5,567	5,099
32	26	98 248	16 419,203	270 173,881	16,455	15,987	82	76	39 002	398,199	2 092,584	5,255	4,788
33	27	98 171	15 514,183	253 754,677	16,356	15,889	83	77	35 492	342,653	1 694,385	4,945	4,477
34	28	98 081	14 657,261	238 240,494	16,254	15,787	84	78	31 905	291,281	1 351,732	4,641	4,173
35	29	97 989	13 847,258	223 583,233	16,146	15,679	85	79	28 257	243,946	1 060,451	4,347	3,879
36	30	97 891	13 081,219	209 735,975	16,033	15,566	86	80	24 595	200,790	816,505	4,066	3,599
37	31	97 777	12 355,528	196 654,756	15,916	15,449	87	81	21 007	162,172	615,715	3,797	3,329
38	32	97 648	11 668,301	184 299,228	15,795	15,327	88	82	17 557	128,169	453,542	3,539	3,071
39	33	97 516	11 018,941	172 630,928	15,667	15,199	89	83	14 277	98,555	325,374	3,301	2,834
40	34	97 369	10 404,126	161 611,987	15,533	15,066	90	84	11 261	73,507	226,819	3,086	2,618
41	35	97 211	9 822,490	151 207,861	15,394	14,926	91	85	8 609	53,142	153,312	2,885	2,417
42	36	97 025	9 270,600	141 385,372	15,251	14,783	92	86	6 374	37,208	100,170	2,692	2,225
43	37	96 842	8 749,949	132 114,772	15,099	14,631	93	87	4 525	24,977	62,962	2,521	2,053
44	38	96 638	8 256,818	123 364,822	14,941	14,473	94	88	3 078	16,066	37,985	2,364	1,897
45	39	96 417	7 790,009	115 108,004	14,776	14,309	95	89	1 993	9,835	21,919	2,229	1,761
46	40	96 173	7 347,811	107 317,995	14,605	14,138	96	90	1 231	5,745	12,084	2,103	1,636
47	41	95 914	6 929,562	99 970,184	14,427	13,959	97	91	720	3,176	6,338	1,996	1,528
48	42	95 621	6 532,707	93 040,622	14,242	13,775	98	92	400	1,671	3,162	1,892	1,425
49	43	95 293	6 156,318	86 507,915	14,052	13,584	99	93	211	0,831	1,491	1,793	1,326
							100	94	103	0,385	0,660	1,713	1,246

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	5 804,480	80 686,426	13,901	13,433
1							51	44	94 623	5 466,332	74 881,946	13,699	13,231
2							52	45	94 195	5 145,742	69 415,614	13,490	13,022
3							53	46	93 718	4 841,292	64 269,873	13,275	12,808
4							54	47	93 184	4 551,992	59 428,580	13,056	12,588
5							55	48	92 597	4 277,361	54 876,588	12,830	12,362
6							56	49	91 931	4 015,683	50 599,227	12,600	12,133
7	0	99 583	67 332,075	1 197 978,262	17,792	17,325	57	50	91 195	3 766,930	46 583,545	12,366	11,899
8	1	99 285	63 480,695	1 130 646,187	17,811	17,343	58	51	90 383	3 530,404	42 816,615	12,128	11,660
9	2	99 256	60 011,104	1 067 165,492	17,783	17,315	59	52	89 499	3 305,779	39 286,211	11,884	11,417
10	3	99 235	56 736,077	1 007 154,388	17,752	17,284	60	53	88 525	3 092,037	35 980,432	11,636	11,169
11	4	99 217	53 641,793	950 418,311	17,718	17,250	61	54	87 462	2 888,798	32 888,395	11,385	10,917
12	5	99 201	50 716,925	896 776,518	17,682	17,214	62	55	86 297	2 695,343	29 999,596	11,130	10,663
13	6	99 186	47 951,763	846 059,593	17,644	17,176	63	56	85 018	2 510,991	27 304,253	10,874	10,406
14	7	99 169	45 336,933	798 107,829	17,604	17,136	64	57	83 632	2 335,774	24 793,262	10,615	10,147
15	8	99 152	42 864,466	752 770,897	17,562	17,094	65	58	82 141	2 169,373	22 457,488	10,352	9,884
16	9	99 130	40 524,553	709 906,431	17,518	17,050	66	59	80 542	2 011,493	20 288,114	10,086	9,619
17	10	99 102	38 310,291	669 381,877	17,473	17,005	67	60	78 822	1 861,499	18 276,621	9,818	9,351
18	11	99 070	36 215,553	631 071,586	17,425	16,958	68	61	77 000	1 719,595	16 415,122	9,546	9,078
19	12	99 024	34 230,534	594 856,033	17,378	16,910	69	62	75 066	1 585,256	14 695,526	9,270	8,803
20	13	98 978	32 354,192	560 625,499	17,328	16,860	70	63	73 034	1 458,472	13 110,271	8,989	8,521
21	14	98 929	30 579,939	528 271,306	17,275	16,808	71	64	70 907	1 339,009	11 651,799	8,702	8,234
22	15	98 880	28 902,838	497 691,367	17,219	16,752	72	65	68 627	1 225,479	10 312,790	8,415	7,948
23	16	98 827	27 316,668	468 788,529	17,161	16,694	73	66	66 287	1 119,345	9 087,310	8,118	7,651
24	17	98 773	25 817,209	441 471,861	17,100	16,632	74	67	63 813	1 018,963	7 967,966	7,820	7,352
25	18	98 715	24 399,090	415 654,652	17,036	16,568	75	68	61 244	924,776	6 949,002	7,514	7,047
26	19	98 655	23 058,491	391 255,562	16,968	16,500	76	69	58 544	835,933	6 024,227	7,207	6,739
27	20	98 596	21 791,529	368 197,071	16,896	16,429	77	70	55 701	752,094	5 188,294	6,898	6,431
28	21	98 535	20 594,008	346 405,542	16,821	16,353	78	71	52 787	673,998	4 436,200	6,582	6,114
29	22	98 473	19 461,927	325 811,534	16,741	16,273	79	72	49 730	600,437	3 762,202	6,266	5,798
30	23	98 408	18 391,548	306 349,607	16,657	16,190	80	73	46 563	531,631	3 161,765	5,947	5,480
31	24	98 340	17 379,507	287 958,060	16,569	16,101	81	74	43 230	466,736	2 630,134	5,635	5,168
32	25	98 267	16 422,396	270 578,553	16,476	16,009	82	75	39 803	406,375	2 163,398	5,324	4,856
33	26	98 188	15 516,948	254 156,157	16,379	15,912	83	76	36 296	350,415	1 757,023	5,014	4,547
34	27	98 102	14 660,336	238 639,208	16,278	15,810	84	77	32 688	298,425	1 406,609	4,713	4,246
35	28	98 012	13 850,554	223 978,872	16,171	15,704	85	78	29 047	250,769	1 108,184	4,419	3,952
36	29	97 915	13 084,448	210 128,318	16,059	15,592	86	79	25 377	207,173	857,415	4,139	3,671
37	30	97 804	12 359,023	197 043,870	15,943	15,476	87	80	21 775	168,100	650,242	3,868	3,401
38	31	97 679	11 672,059	184 684,847	15,823	15,355	88	81	18 297	133,567	482,142	3,610	3,142
39	32	97 548	11 022,643	173 012,788	15,696	15,229	89	82	14 981	103,416	348,575	3,371	2,903
40	33	97 403	10 404,771	161 990,145	15,564	15,097	90	83	11 918	77,801	245,160	3,151	2,684
41	34	97 248	9 826,241	151 582,374	15,426	14,959	91	84	9 196	56,763	167,358	2,948	2,481
42	35	97 070	9 274,931	141 756,133	15,284	14,816	92	85	6 881	40,168	110,595	2,753	2,286
43	36	96 888	8 754,124	132 481,202	15,134	14,666	93	86	4 947	27,305	70,428	2,579	2,112
44	37	96 687	8 260,989	123 727,078	14,977	14,510	94	87	3 417	17,833	43,122	2,418	1,950
45	38	96 471	7 794,328	115 466,089	14,814	14,347	95	88	2 247	11,092	25,289	2,280	1,812
46	39	96 236	7 352,595	107 671,761	14,644	14,176	96	89	1 413	6,595	14,197	2,153	1,685
47	40	95 975	6 933,952	100 319,166	14,468	14,000	97	90	844	3,724	7,602	2,041	1,574
48	41	95 691	6 537,499	93 385,214	14,285	13,817	98	91	480	2,003	3,878	1,936	1,468
49	42	95 370	6 161,289	86 847,715	14,096	13,628	99	92	259	1,024	1,874	1,831	1,363
							100	93	130	0,487	0,850	1,747	1,279

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	5 809,167	80 992,713	13,942	13,475
1							51	43	94 707	5 471,232	75 183,545	13,742	13,274
2							52	44	94 284	5 150,613	69 712,313	13,535	13,067
3							53	45	93 819	4 846,505	64 561,700	13,321	12,854
4							54	46	93 295	4 557,389	59 715,194	13,103	12,635
5							55	47	92 717	4 282,926	55 157,805	12,879	12,411
6							56	48	92 070	4 021,784	50 874,879	12,650	12,182
7							57	49	91 348	3 773,284	46 853,095	12,417	11,949
8	0	99 573	63 664,805	1 131 286,264	17,769	17,302	58	50	90 550	3 536,926	43 079,811	12,180	11,712
9	1	99 278	60 024,454	1 067 621,459	17,786	17,319	59	51	89 685	3 312,658	39 542,885	11,937	11,469
10	2	99 248	56 743,534	1 007 597,005	17,757	17,289	60	52	88 721	3 098,868	36 230,227	11,691	11,224
11	3	99 227	53 647,142	950 853,471	17,724	17,257	61	53	87 679	2 895,976	33 131,359	11,440	10,973
12	4	99 210	50 721,594	897 206,329	17,689	17,221	62	54	86 536	2 702,787	30 235,383	11,187	10,719
13	5	99 193	47 955,022	846 484,735	17,652	17,184	63	55	85 283	2 518,831	27 532,595	10,931	10,463
14	6	99 177	45 340,243	798 529,714	17,612	17,144	64	56	83 916	2 343,700	25 013,764	10,673	10,205
15	7	99 157	42 866,508	753 189,470	17,571	17,103	65	57	82 450	2 177,553	22 670,065	10,411	9,943
16	8	99 137	40 527,474	710 322,963	17,527	17,059	66	58	80 880	2 019,923	20 492,512	10,145	9,678
17	9	99 107	38 312,328	669 795,488	17,483	17,015	67	59	79 189	1 870,167	18 472,589	9,878	9,410
18	10	99 075	36 217,566	631 483,160	17,436	16,968	68	60	77 397	1 728,457	16 602,422	9,605	9,138
19	11	99 032	34 233,166	595 265,594	17,389	16,921	69	61	75 488	1 594,161	14 873,965	9,330	8,863
20	12	98 984	32 356,237	561 032,428	17,339	16,872	70	62	73 484	1 467,455	13 279,804	9,050	8,582
21	13	98 937	30 582,356	528 676,190	17,287	16,819	71	63	71 390	1 348,123	11 812,349	8,762	8,294
22	14	98 889	28 905,504	498 093,834	17,232	16,764	72	64	69 139	1 234,626	10 464,226	8,476	8,008
23	15	98 839	27 319,831	469 188,329	17,174	16,706	73	65	66 823	1 128,387	9 229,599	8,179	7,712
24	16	98 786	25 820,510	441 868,498	17,113	16,646	74	66	64 376	1 027,966	8 101,212	7,881	7,413
25	17	98 728	24 402,254	416 047,988	17,050	16,582	75	67	61 823	933,511	7 073,246	7,577	7,109
26	18	98 671	23 062,235	391 645,735	16,982	16,515	76	68	59 147	844,551	6 139,735	7,270	6,802
27	19	98 612	21 795,111	368 583,500	16,911	16,444	77	69	56 351	760,879	5 295,184	6,959	6,492
28	20	98 551	20 597,379	346 788,388	16,837	16,369	78	70	53 458	682,565	4 534,305	6,643	6,175
29	21	98 490	19 465,232	326 191,009	16,758	16,290	79	71	50 426	608,848	3 851,740	6,326	5,859
30	22	98 424	18 394,634	306 725,778	16,675	16,207	80	72	47 270	539,699	3 242,892	6,009	5,541
31	23	98 356	17 382,350	288 331,144	16,588	16,120	81	73	43 965	474,680	2 703,193	5,695	5,227
32	24	98 283	16 425,094	270 948,794	16,496	16,028	82	74	40 541	413,905	2 228,513	5,384	4,917
33	25	98 207	15 519,966	254 523,700	16,400	15,932	83	75	37 041	357,610	1 814,608	5,074	4,607
34	26	98 119	14 662,950	239 003,734	16,300	15,832	84	76	33 428	305,184	1 456,999	4,774	4,307
35	27	98 033	13 853,460	224 340,784	16,194	15,726	85	77	29 760	256,919	1 151,815	4,483	4,016
36	28	97 938	13 087,562	210 487,324	16,083	15,615	86	78	26 087	212,967	894,895	4,202	3,734
37	29	97 828	12 362,073	197 399,762	15,968	15,501	87	79	22 467	173,443	681,928	3,932	3,464
38	30	97 707	11 675,361	185 037,688	15,849	15,381	88	80	18 965	138,449	508,485	3,673	3,205
39	31	97 580	11 026,194	173 362,328	15,723	15,255	89	81	15 612	107,771	370,036	3,434	2,966
40	32	97 436	10 411,268	162 336,134	15,592	15,125	90	82	12 506	81,639	262,265	3,213	2,745
41	33	97 283	9 829,684	151 924,866	15,456	14,988	91	83	9 733	60,079	180,626	3,006	2,539
42	34	97 107	9 278,473	142 095,182	15,315	14,847	92	84	7 350	42,905	120,547	2,810	2,342
43	35	96 933	8 758,213	132 816,709	15,165	14,697	93	85	5 340	29,478	77,643	2,634	2,166
44	36	96 733	8 264,930	124 058,495	15,010	14,543	94	86	3 735	19,496	48,165	2,471	2,003
45	37	96 519	7 798,266	115 793,565	14,849	14,381	95	87	2 494	12,312	28,669	2,329	1,861
46	38	96 289	7 356,671	107 995,299	14,680	14,212	96	88	1 593	7,438	16,357	2,199	1,732
47	39	96 038	6 938,467	100 638,628	14,504	14,037	97	89	968	4,275	8,919	2,087	1,619
48	40	95 751	6 541,641	93 700,161	14,324	13,856	98	90	563	2,349	4,645	1,977	1,510
49	41	95 440	6 165,808	87 158,521	14,136	13,668	99	91	311	1,228	2,296	1,870	1,402
							100	92	161	0,600	1,068	1,781	1,313

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	5 813,428	81 272,747	13,980	13,513
1							51	42	94 784	5 475,650	75 459,319	13,781	13,313
2							52	43	94 369	5 155,231	69 983,668	13,575	13,108
3							53	44	93 907	4 851,094	64 828,437	13,364	12,896
4							54	45	93 395	4 562,297	59 977,344	13,146	12,679
5							55	46	92 827	4 288,004	55 415,047	12,923	12,456
6							56	47	92 190	4 027,017	51 127,043	12,696	12,228
7							57	48	91 487	3 779,017	47 100,027	12,464	11,996
8							58	49	90 703	3 542,892	43 321,009	12,228	11,760
9	0	99 566	60 198,540	1 068 212,744	17,745	17,277	59	50	89 850	3 318,777	39 778,117	11,986	11,518
10	1	99 270	56 756,157	1 008 014,203	17,760	17,293	60	51	88 905	3 105,316	36 459,339	11,741	11,273
11	2	99 240	53 654,192	951 258,046	17,729	17,262	61	52	87 873	2 902,374	33 354,023	11,492	11,024
12	3	99 220	50 726,652	897 603,854	17,695	17,227	62	53	86 751	2 709,503	30 451,649	11,239	10,771
13	4	99 202	47 959,436	846 877,203	17,658	17,191	63	54	85 519	2 525,788	27 742,146	10,984	10,516
14	5	99 183	45 343,324	798 917,766	17,619	17,152	64	55	84 178	2 351,017	25 216,358	10,726	10,258
15	6	99 164	42 869,638	753 574,442	17,578	17,111	65	56	82 730	2 184,941	22 865,341	10,465	9,997
16	7	99 142	40 529,405	710 704,804	17,536	17,068	66	57	81 185	2 027,539	20 680,400	10,200	9,732
17	8	99 114	38 315,089	670 175,400	17,491	17,024	67	58	79 521	1 878,005	18 652,860	9,932	9,465
18	9	99 081	36 219,492	631 860,311	17,445	16,978	68	59	77 757	1 736,505	16 774,856	9,660	9,193
19	10	99 037	34 235,070	595 640,819	17,399	16,931	69	60	75 877	1 602,376	15 038,351	9,385	8,917
20	11	98 992	32 358,726	561 405,749	17,349	16,882	70	61	73 897	1 475,699	13 435,975	9,105	8,637
21	12	98 943	30 584,289	529 047,024	17,298	16,830	71	62	71 830	1 356,427	11 960,276	8,817	8,350
22	13	98 897	28 907,789	498 462,734	17,243	16,776	72	63	69 610	1 243,030	10 603,849	8,531	8,063
23	14	98 848	27 322,351	469 554,945	17,186	16,718	73	64	67 322	1 136,810	9 360,820	8,234	7,767
24	15	98 797	25 823,500	442 232,594	17,125	16,658	74	65	64 896	1 036,270	8 224,010	7,936	7,469
25	16	98 740	24 405,374	416 409,094	17,062	16,595	75	66	62 369	941,759	7 187,740	7,632	7,165
26	17	98 684	23 065,225	392 003,720	16,995	16,528	76	67	59 706	852,529	6 245,981	7,326	6,859
27	18	98 628	21 798,650	368 938,495	16,925	16,457	77	68	56 932	768,723	5 393,452	7,016	6,549
28	19	98 568	20 600,765	347 139,845	16,851	16,383	78	69	54 083	690,539	4 624,729	6,697	6,230
29	20	98 506	19 468,418	326 539,080	16,773	16,305	79	70	51 067	616,587	3 934,191	6,381	5,913
30	21	98 441	18 397,758	307 070,662	16,691	16,223	80	71	47 932	547,259	3 317,604	6,062	5,595
31	22	98 372	17 385,267	288 672,904	16,604	16,137	81	72	44 633	481,883	2 770,345	5,749	5,281
32	23	98 299	16 427,781	271 287,637	16,514	16,046	82	73	41 231	420,950	2 288,462	5,436	4,969
33	24	98 223	15 522,516	254 859,856	16,419	15,951	83	74	37 727	364,236	1 867,512	5,127	4,660
34	25	98 138	14 665,801	239 337,340	16,319	15,852	84	75	34 115	311,451	1 503,276	4,827	4,359
35	26	98 050	13 855,930	224 671,539	16,215	15,747	85	76	30 434	262,738	1 191,825	4,536	4,069
36	27	97 959	13 090,308	210 815,610	16,105	15,637	86	77	26 727	218,191	929,087	4,258	3,791
37	28	97 852	12 365,016	197 725,302	15,991	15,523	87	78	23 096	178,294	710,896	3,987	3,520
38	29	97 731	11 678,243	185 360,286	15,872	15,405	88	79	19 568	142,850	532,602	3,728	3,261
39	30	97 607	11 029,313	173 682,043	15,747	15,280	89	80	16 183	111,711	389,752	3,489	3,021
40	31	97 467	10 414,622	162 652,730	15,618	15,150	90	81	13 033	85,077	278,042	3,268	2,801
41	32	97 315	9 832,987	152 238,109	15,482	15,015	91	82	10 213	63,042	192,965	3,061	2,593
42	33	97 141	9 281,724	142 405,122	15,343	14,875	92	83	7 780	45,411	129,923	2,861	2,393
43	34	96 970	8 761,559	133 123,398	15,194	14,726	93	84	5 704	31,486	84,512	2,684	2,217
44	35	96 778	8 268,791	124 361,839	15,040	14,572	94	85	4 032	21,047	53,026	2,519	2,052
45	36	96 566	7 801,986	116 093,048	14,880	14,412	95	86	2 727	13,460	31,979	2,376	1,908
46	37	96 338	7 360,388	108 291,062	14,713	14,245	96	87	1 769	8,256	18,519	2,243	1,776
47	38	96 091	6 942,313	100 930,674	14,538	14,071	97	88	1 092	4,821	10,263	2,129	1,661
48	39	95 814	6 545,900	93 988,361	14,358	13,891	98	89	646	2,696	5,442	2,018	1,551
49	40	95 500	6 169,714	87 442,461	14,173	13,705	99	90	365	1,439	2,746	1,908	1,440
							100	91	193	0,719	1,306	1,817	1,350

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	40	95 220	5 817,111	81 528,477	14,015	13,548
							51	41	94 853	5 479,667	75 711,366	13,817	13,349
							52	42	94 445	5 159,394	70 231,699	13,612	13,145
							53	43	93 992	4 855,443	65 072,305	13,402	12,934
							54	44	93 483	4 566,616	60 216,862	13,186	12,719
							55	45	92 927	4 292,621	55 650,246	12,964	12,497
							56	46	92 299	4 031,791	51 357,625	12,738	12,271
							57	47	91 606	3 783,934	47 325,834	12,507	12,039
							58	48	90 840	3 548,276	43 541,900	12,271	11,804
							59	49	90 002	3 324,376	39 993,625	12,030	11,563
10	0	99 558	56 920,764	1 008 560,458	17,719	17,251	60	50	89 070	3 111,053	36 669,249	11,787	11,319
11	1	99 262	53 666,128	951 639,693	17,733	17,265	61	51	88 056	2 908,414	33 558,196	11,538	11,071
12	2	99 233	50 733,318	897 973,565	17,700	17,232	62	52	86 942	2 715,489	30 649,782	11,287	10,819
13	3	99 212	47 964,218	847 240,247	17,664	17,196	63	53	85 731	2 532,064	27 934,293	11,032	10,565
14	4	99 192	45 347,498	799 276,028	17,626	17,158	64	54	84 411	2 357,510	25 402,230	10,775	10,307
15	5	99 171	42 872,551	753 928,530	17,585	17,118	65	55	82 989	2 191,763	23 044,719	10,514	10,047
16	6	99 149	40 532,364	711 055,979	17,543	17,075	66	56	81 460	2 034,419	20 852,956	10,250	9,783
17	7	99 119	38 316,914	670 523,615	17,499	17,032	67	57	79 821	1 885,086	18 818,537	9,983	9,515
18	8	99 088	36 222,102	632 206,701	17,454	16,986	68	58	78 083	1 743,782	16 933,452	9,711	9,243
19	9	99 042	34 236,889	595 984,599	17,408	16,940	69	59	76 230	1 609,837	15 189,670	9,436	8,968
20	10	98 997	32 360,525	561 747,710	17,359	16,891	70	60	74 277	1 483,304	13 579,833	9,155	8,688
21	11	98 951	30 586,642	529 387,185	17,308	16,840	71	61	72 233	1 364,047	12 096,529	8,868	8,401
22	12	98 903	28 909,616	498 800,543	17,254	16,786	72	62	70 038	1 250,686	10 732,483	8,581	8,114
23	13	98 856	27 324,511	469 890,927	17,197	16,729	73	63	67 780	1 144,547	9 481,796	8,284	7,817
24	14	98 806	25 825,882	442 566,416	17,137	16,669	74	64	65 381	1 044,005	8 337,249	7,986	7,518
25	15	98 752	24 408,200	416 740,534	17,074	16,606	75	65	62 873	949,367	7 293,244	7,682	7,215
26	16	98 697	23 068,174	392 332,334	17,008	16,540	76	66	60 233	860,061	6 343,877	7,376	6,909
27	17	98 641	21 801,476	369 264,160	16,938	16,470	77	67	57 470	775,985	5 483,816	7,067	6,599
28	18	98 584	20 604,110	347 462,683	16,864	16,396	78	68	54 640	697,657	4 707,832	6,748	6,280
29	19	98 522	19 471,619	326 858,574	16,786	16,319	79	69	51 664	623,790	4 010,175	6,429	5,961
30	20	98 457	18 400,770	307 386,955	16,705	16,238	80	70	48 541	554,215	3 386,385	6,110	5,643
31	21	98 389	17 388,219	288 986,185	16,620	16,152	81	71	45 258	488,633	2 832,170	5,796	5,329
32	22	98 316	16 430,538	271 597,966	16,530	16,062	82	72	41 856	427,338	2 343,536	5,484	5,016
33	23	98 239	15 525,055	255 167,428	16,436	15,968	83	73	38 369	370,436	1 916,199	5,173	4,705
34	24	98 154	14 668,211	239 642,373	16,338	15,870	84	74	34 747	317,221	1 545,763	4,873	4,405
35	25	98 069	13 858,624	224 974,163	16,234	15,766	85	75	31 059	268,133	1 228,542	4,582	4,114
36	26	97 976	13 092,642	211 115,539	16,125	15,657	86	76	27 332	223,133	960,408	4,304	3,837
37	27	97 872	12 367,610	198 022,897	16,011	15,544	87	77	23 662	182,667	737,276	4,036	3,569
38	28	97 754	11 681,023	185 655,287	15,894	15,426	88	78	20 116	146,845	554,609	3,777	3,309
39	29	97 632	11 032,035	173 974,265	15,770	15,302	89	79	16 697	115,262	407,764	3,538	3,070
40	30	97 495	10 417,568	162 942,230	15,641	15,174	90	80	13 509	88,187	292,502	3,317	2,849
41	31	97 347	9 836,154	152 524,662	15,507	15,039	91	81	10 643	65,697	204,316	3,110	2,642
42	32	97 174	9 284,843	142 688,508	15,368	14,900	92	82	8 163	47,651	138,618	2,909	2,441
43	33	97 004	8 764,628	133 403,665	15,221	14,753	93	83	6 037	33,326	90,968	2,730	2,262
44	34	96 815	8 271,950	124 639,037	15,068	14,600	94	84	4 307	22,481	57,642	2,564	2,096
45	35	96 611	7 805,631	116 367,087	14,908	14,441	95	85	2 944	14,531	35,161	2,420	1,952
46	36	96 384	7 363,899	108 561,457	14,742	14,275	96	86	1 934	9,025	20,630	2,286	1,818
47	37	96 139	6 945,821	101 197,557	14,570	14,102	97	87	1 212	5,351	11,605	2,169	1,701
48	38	95 867	6 549,529	94 251,737	14,391	13,923	98	88	729	3,041	6,254	2,057	1,589
49	39	95 562	6 173,731	87 702,208	14,206	13,738	99	89	419	1,652	3,213	1,945	1,477
							100	90	226	0,843	1,561	1,852	1,384

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	39	95 282	5 820,898	81 762,357	14,046	13,579
1							51	40	94 914	5 483,138	75 941,459	13,850	13,382
2							52	41	94 514	5 163,178	70 458,321	13,646	13,179
3							53	42	94 067	4 859,364	65 295,142	13,437	12,969
4							54	43	93 567	4 570,710	60 435,779	13,222	12,755
5							55	44	93 015	4 296,685	55 865,069	13,002	12,534
6							56	45	92 399	4 036,133	51 568,384	12,777	12,309
7							57	46	91 715	3 788,420	47 532,251	12,547	12,079
8							58	47	90 959	3 552,892	43 743,831	12,312	11,845
9							59	48	90 139	3 329,427	40 190,939	12,071	11,604
10							60	49	89 220	3 116,301	36 861,512	11,829	11,361
11	0	99 550	53 821,774	952 144,403	17,691	17,223	61	50	88 219	2 913,786	33 745,211	11,581	11,114
12	1	99 255	50 744,604	898 322,629	17,703	17,235	62	51	87 123	2 721,140	30 831,425	11,330	10,863
13	2	99 225	47 970,522	847 578,025	17,669	17,201	63	52	85 920	2 537,658	28 110,285	11,077	10,610
14	3	99 202	45 352,020	799 607,503	17,631	17,164	64	53	84 620	2 363,368	25 572,627	10,820	10,353
15	4	99 180	42 876,498	754 255,483	17,591	17,124	65	54	83 218	2 197,816	23 209,260	10,560	10,093
16	5	99 156	40 535,118	711 378,985	17,550	17,082	66	55	81 714	2 040,771	21 011,443	10,296	9,828
17	6	99 126	38 319,712	670 843,867	17,506	17,039	67	56	80 092	1 891,482	18 970,672	10,030	9,562
18	7	99 093	36 223,827	632 524,155	17,462	16,994	68	57	78 378	1 750,357	17 079,191	9,758	9,290
19	8	99 050	34 239,357	596 300,328	17,416	16,948	69	58	76 550	1 616,584	15 328,833	9,482	9,015
20	9	99 003	32 362,245	562 060,971	17,368	16,900	70	59	74 623	1 490,210	13 712,250	9,202	8,734
21	10	98 956	30 588,342	529 698,726	17,317	16,849	71	60	72 605	1 371,076	12 222,040	8,914	8,447
22	11	98 911	28 911,840	499 110,384	17,263	16,796	72	61	70 432	1 257,712	10 850,964	8,628	8,160
23	12	98 862	27 326,238	470 198,544	17,207	16,739	73	62	68 197	1 151,597	9 593,252	8,330	7,863
24	13	98 814	25 827,924	442 872,306	17,147	16,679	74	63	65 826	1 051,111	8 441,655	8,031	7,564
25	14	98 761	24 410,451	417 044,382	17,085	16,617	75	64	63 342	956,453	7 390,544	7,727	7,259
26	15	98 708	23 070,845	392 633,931	17,019	16,551	76	65	60 720	867,009	6 434,091	7,421	6,953
27	16	98 653	21 804,264	369 563,086	16,949	16,482	77	66	57 978	782,841	5 567,082	7,111	6,644
28	17	98 596	20 606,781	347 758,822	16,876	16,408	78	67	55 156	704,248	4 784,242	6,793	6,326
29	18	98 538	19 474,780	327 152,040	16,799	16,331	79	68	52 197	630,220	4 079,994	6,474	6,006
30	19	98 473	18 403,795	307 677,261	16,718	16,251	80	69	49 108	560,689	3 449,774	6,153	5,685
31	20	98 405	17 391,066	289 273,466	16,633	16,166	81	70	45 833	494,845	2 889,085	5,838	5,371
32	21	98 333	16 433,328	271 882,400	16,545	16,077	82	71	42 443	433,324	2 394,240	5,525	5,058
33	22	98 256	15 527,660	255 449,072	16,451	15,984	83	72	38 952	376,057	1 960,916	5,214	4,747
34	23	98 170	14 670,610	239 921,412	16,354	15,886	84	73	35 338	322,621	1 584,859	4,912	4,445
35	24	98 085	13 860,901	225 250,802	16,251	15,783	85	74	31 634	273,102	1 262,239	4,622	4,154
36	25	97 995	13 095,187	211 389,901	16,143	15,675	86	75	27 893	227,714	989,137	4,344	3,876
37	26	97 890	12 369,815	198 294,713	16,031	15,563	87	76	24 198	186,804	761,423	4,076	3,608
38	27	97 775	11 683,473	185 924,899	15,913	15,446	88	77	20 609	150,446	574,618	3,819	3,352
39	28	97 655	11 034,661	174 241,425	15,790	15,323	89	78	17 164	118,485	424,172	3,580	3,112
40	29	97 519	10 420,139	163 206,764	15,663	15,195	90	79	13 939	90,990	305,687	3,360	2,892
41	30	97 374	9 838,936	152 786,625	15,529	15,061	91	80	11 032	68,099	214,697	3,153	2,685
42	31	97 205	9 287,834	142 947,689	15,391	14,923	92	81	8 507	49,658	146,598	2,952	2,485
43	32	97 037	8 767,573	133 659,855	15,245	14,777	93	82	6 335	34,969	96,941	2,772	2,305
44	33	96 849	8 274,848	124 892,282	15,093	14,625	94	83	4 559	23,794	61,972	2,604	2,137
45	34	96 648	7 808,612	116 617,434	14,934	14,467	95	84	3 145	15,521	38,177	2,460	1,992
46	35	96 429	7 367,339	108 808,822	14,769	14,302	96	85	2 087	9,743	22,656	2,325	1,858
47	36	96 185	6 949,134	101 441,483	14,598	14,130	97	86	1 325	5,850	12,913	2,207	1,740
48	37	95 915	6 552,838	94 492,349	14,420	13,952	98	87	809	3,375	7,063	2,092	1,625
49	38	95 615	6 177,154	87 939,511	14,236	13,769	99	88	472	1,863	3,687	1,979	1,511
							100	89	259	0,968	1,824	1,885	1,418

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	5 824,126	81 975,971	14,075	13,608
1							51	39	94 975	5 486,708	76 151,845	13,879	13,412
2							52	40	94 574	5 166,449	70 665,137	13,678	13,210
3							53	41	94 136	4 862,928	65 498,688	13,469	13,001
4							54	42	93 643	4 574,401	60 635,760	13,255	12,788
5							55	43	93 099	4 300,537	56 061,360	13,036	12,568
6							56	44	92 486	4 039,954	51 760,822	12,812	12,345
7							57	45	91 814	3 792,500	47 720,869	12,583	12,115
8							58	46	91 066	3 557,104	43 928,369	12,349	11,882
9							59	47	90 256	3 333,759	40 371,265	12,110	11,642
10							60	48	89 356	3 121,036	37 037,506	11,867	11,399
11							61	49	88 368	2 918,702	33 916,470	11,620	11,153
12	0	99 543	50 891,777	898 789,018	17,661	17,193	62	50	87 284	2 726,166	30 997,768	11,370	10,903
13	1	99 247	47 981,193	847 897,241	17,671	17,204	63	51	86 099	2 542,938	28 271,602	11,118	10,650
14	2	99 215	45 357,980	799 916,048	17,636	17,168	64	52	84 807	2 368,589	25 728,664	10,862	10,395
15	3	99 190	42 880,773	754 558,067	17,597	17,129	65	53	83 425	2 203,277	23 360,075	10,602	10,135
16	4	99 165	40 538,850	711 677,295	17,555	17,088	66	54	81 940	2 046,407	21 156,797	10,339	9,871
17	5	99 133	38 322,316	671 138,445	17,513	17,045	67	55	80 342	1 897,387	19 110,390	10,072	9,604
18	6	99 100	36 226,472	632 816,129	17,468	17,001	68	56	78 644	1 756,296	17 213,003	9,801	9,333
19	7	99 054	34 240,988	596 589,657	17,423	16,956	69	57	76 838	1 622,679	15 456,707	9,525	9,058
20	8	99 010	32 364,577	562 348,669	17,375	16,908	70	58	74 936	1 496,455	13 834,028	9,245	8,777
21	9	98 962	30 589,968	529 984,091	17,325	16,858	71	59	72 943	1 377,460	12 337,573	8,957	8,489
22	10	98 916	28 913,447	499 394,123	17,272	16,804	72	60	70 795	1 264,193	10 960,113	8,670	8,202
23	11	98 869	27 328,340	470 480,676	17,216	16,748	73	61	68 581	1 158,066	9 695,919	8,373	7,905
24	12	98 820	25 829,556	443 152,337	17,157	16,689	74	62	66 231	1 057,585	8 537,853	8,073	7,605
25	13	98 769	24 412,381	417 322,781	17,095	16,627	75	63	63 773	962,963	7 480,268	7,768	7,300
26	14	98 717	23 072,974	392 910,400	17,029	16,561	76	64	61 173	873,480	6 517,305	7,461	6,994
27	15	98 665	21 806,788	369 837,426	16,960	16,492	77	65	58 446	789,165	5 643,825	7,152	6,684
28	16	98 609	20 609,416	348 030,637	16,887	16,419	78	66	55 644	710,470	4 854,660	6,833	6,365
29	17	98 551	19 477,305	327 421,221	16,810	16,343	79	67	52 690	636,174	4 144,190	6,514	6,047
30	18	98 489	18 406,782	307 943,916	16,730	16,262	80	68	49 614	566,469	3 508,017	6,193	5,725
31	19	98 421	17 393,925	289 537,134	16,646	16,178	81	69	46 368	500,625	2 941,547	5,876	5,408
32	20	98 349	16 436,019	272 143,209	16,558	16,090	82	70	42 982	438,832	2 440,923	5,562	5,095
33	21	98 273	15 530,297	255 707,190	16,465	15,997	83	71	39 497	381,325	2 002,091	5,250	4,783
34	22	98 187	14 673,072	240 176,893	16,369	15,901	84	72	35 874	327,517	1 620,766	4,949	4,481
35	23	98 102	13 863,168	225 503,821	16,266	15,799	85	73	32 173	277,750	1 293,250	4,656	4,189
36	24	98 011	13 097,339	211 640,653	16,159	15,691	86	74	28 410	231,934	1 015,499	4,378	3,911
37	25	97 909	12 372,220	198 543,314	16,048	15,580	87	75	24 695	190,640	783,566	4,110	3,643
38	26	97 792	11 685,556	186 171,094	15,932	15,464	88	76	21 076	153,854	592,926	3,854	3,386
39	27	97 675	11 036,976	174 485,538	15,809	15,342	89	77	17 585	121,391	439,072	3,617	3,149
40	28	97 542	10 422,619	163 448,562	15,682	15,215	90	78	14 329	93,535	317,681	3,396	2,929
41	29	97 398	9 841,365	153 025,942	15,549	15,082	91	79	11 383	70,263	224,146	3,190	2,723
42	30	97 233	9 290,461	143 184,578	15,412	14,944	92	80	8 818	51,473	153,883	2,990	2,522
43	31	97 068	8 770,397	133 894,117	15,267	14,799	93	81	6 602	36,442	102,410	2,810	2,343
44	32	96 882	8 277,628	125 123,719	15,116	14,648	94	82	4 783	24,968	65,968	2,642	2,175
45	33	96 681	7 811,348	116 846,091	14,959	14,491	95	83	3 328	16,428	41,000	2,496	2,028
46	34	96 466	7 370,153	109 034,743	14,794	14,327	96	84	2 230	10,407	24,572	2,361	1,894
47	35	96 230	6 952,381	101 664,590	14,623	14,155	97	85	1 431	6,315	14,165	2,243	1,775
48	36	95 961	6 555,964	94 712,209	14,447	13,979	98	86	884	3,690	7,850	2,127	1,660
49	37	95 663	6 180,275	88 156,246	14,264	13,797	99	87	524	2,068	4,160	2,011	1,544
							100	88	292	1,091	2,091	1,917	1,449

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	37	95 383	5 827,068	82 171,019	14,102	13,634
1							51	38	95 028	5 489,750	76 343,951	13,907	13,439
2							52	39	94 636	5 169,813	70 854,201	13,705	13,238
3							53	40	94 196	4 866,009	65 684,388	13,499	13,031
4							54	41	93 712	4 577,756	60 818,379	13,286	12,818
5							55	42	93 174	4 304,010	56 240,623	13,067	12,599
6							56	43	92 569	4 043,576	51 936,613	12,844	12,377
7							57	44	91 901	3 796,090	47 893,038	12,616	12,149
8							58	45	91 165	3 560,935	44 096,947	12,384	11,916
9							59	46	90 363	3 337,711	40 536,013	12,145	11,677
10							60	47	89 472	3 125,096	37 198,302	11,903	11,436
11							61	48	88 502	2 923,136	34 073,205	11,656	11,189
12							62	49	87 431	2 730,765	31 150,069	11,407	10,940
13	0	99 535	48 120,351	848 328,280	17,629	17,162	63	50	86 258	2 547,636	28 419,304	11,155	10,688
14	1	99 237	45 368,071	800 207,929	17,638	17,171	64	51	84 984	2 373,518	25 871,668	10,900	10,433
15	2	99 203	42 886,408	754 839,858	17,601	17,133	65	52	83 609	2 208,145	23 498,150	10,642	10,174
16	3	99 175	40 542,892	711 953,450	17,560	17,093	66	53	82 144	2 051,492	21 290,005	10,378	9,910
17	4	99 142	38 325,844	671 410,558	17,518	17,051	67	54	80 564	1 902,627	19 238,513	10,112	9,644
18	5	99 107	36 228,934	633 084,714	17,475	17,007	68	55	78 889	1 761,780	17 335,886	9,840	9,372
19	6	99 062	34 243,488	596 855,780	17,430	16,962	69	56	77 099	1 628,185	15 574,106	9,565	9,098
20	7	99 014	32 366,119	562 612,292	17,383	16,915	70	57	75 218	1 502,098	13 945,921	9,284	8,817
21	8	98 969	30 592,173	530 246,173	17,333	16,865	71	58	73 249	1 383,233	12 443,824	8,996	8,529
22	9	98 922	28 914,984	499 654,000	17,280	16,813	72	59	71 124	1 270,079	11 060,591	8,709	8,241
23	10	98 875	27 329,859	470 739,016	17,224	16,757	73	60	68 934	1 164,034	9 790,511	8,411	7,943
24	11	98 828	25 831,543	443 409,157	17,165	16,698	74	61	66 603	1 063,526	8 626,477	8,111	7,644
25	12	98 775	24 413,924	417 577,615	17,104	16,636	75	62	64 166	968,894	7 562,951	7,806	7,338
26	13	98 725	23 074,798	393 163,691	17,039	16,571	76	63	61 590	879,425	6 594,057	7,498	7,031
27	14	98 674	21 808,800	370 088,893	16,970	16,502	77	64	58 882	795,055	5 714,631	7,188	6,720
28	15	98 620	20 611,802	348 280,093	16,897	16,430	78	65	56 093	716,209	4 919,576	6,869	6,401
29	16	98 563	19 479,795	327 668,290	16,821	16,353	79	66	53 155	641,794	4 203,367	6,549	6,082
30	17	98 502	18 409,169	308 188,495	16,741	16,273	80	67	50 083	571,820	3 561,573	6,228	5,761
31	18	98 437	17 396,749	289 779,326	16,657	16,190	81	68	46 847	505,786	2 989,752	5,911	5,444
32	19	98 365	16 438,721	272 382,577	16,570	16,102	82	69	43 484	443,958	2 483,966	5,595	5,127
33	20	98 289	15 532,840	255 943,857	16,478	16,010	83	70	39 999	386,172	2 040,008	5,283	4,815
34	21	98 204	14 675,564	240 411,017	16,382	15,914	84	71	36 377	332,104	1 653,837	4,980	4,512
35	22	98 118	13 865,495	225 735,453	16,280	15,813	85	72	32 661	281,965	1 321,732	4,688	4,220
36	23	98 027	13 099,481	211 869,959	16,174	15,706	86	73	28 894	235,881	1 039,768	4,408	3,940
37	24	97 925	12 374,253	198 770,477	16,063	15,596	87	74	25 152	194,172	803,886	4,140	3,672
38	25	97 811	11 687,828	186 396,224	15,948	15,480	88	75	21 508	157,013	609,714	3,883	3,416
39	26	97 693	11 038,944	174 708,396	15,827	15,359	89	76	17 983	124,141	452,701	3,647	3,179
40	27	97 563	10 424,806	163 669,452	15,700	15,232	90	77	14 680	95,829	328,560	3,429	2,961
41	28	97 421	9 843,708	153 244,646	15,568	15,100	91	78	11 701	72,228	232,731	3,222	2,755
42	29	97 257	9 292,754	143 400,939	15,431	14,964	92	79	9 098	53,109	160,503	3,022	2,555
43	30	97 095	8 772,878	134 108,185	15,287	14,819	93	80	6 843	37,774	107,394	2,843	2,375
44	31	96 913	8 280,294	125 335,307	15,137	14,669	94	81	4 985	26,020	69,620	2,676	2,208
45	32	96 714	7 813,973	117 055,012	14,980	14,513	95	82	3 492	17,238	43,600	2,529	2,062
46	33	96 500	7 372,735	109 241,040	14,817	14,349	96	83	2 360	11,015	26,362	2,393	1,926
47	34	96 267	6 955,036	101 868,304	14,647	14,179	97	84	1 528	6,746	15,347	2,275	1,808
48	35	96 006	6 559,026	94 913,268	14,471	14,003	98	85	954	3,984	8,602	2,159	1,692
49	36	95 709	6 183,223	88 354,242	14,289	13,822	99	86	573	2,261	4,618	2,042	1,575
							100	87	325	1,211	2,357	1,946	1,478

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	5 829,848	82 349,161	14,125	13,658
1							51	37	95 076	5 492,523	76 519,313	13,932	13,464
2							52	38	94 688	5 172,679	71 026,789	13,731	13,264
3							53	39	94 257	4 869,177	65 854,110	13,525	13,057
4							54	40	93 771	4 580,656	60 984,933	13,314	12,846
5							55	41	93 242	4 307,167	56 404,277	13,095	12,628
6							56	42	92 644	4 046,841	52 097,110	12,874	12,406
7							57	43	91 983	3 799,494	48 050,270	12,646	12,179
8							58	44	91 251	3 564,306	44 250,776	12,415	11,947
9							59	45	90 460	3 341,305	40 686,470	12,177	11,709
10							60	46	89 578	3 128,802	37 345,165	11,936	11,468
11							61	47	88 617	2 926,940	34 216,363	11,690	11,223
12							62	48	87 564	2 734,914	31 289,424	11,441	10,973
13							63	49	86 404	2 551,933	28 554,510	11,189	10,722
14	0	99 525	45 499,650	800 606,358	17,596	17,128	64	50	85 141	2 377,903	26 002,576	10,935	10,468
15	1	99 225	42 895,949	755 106,709	17,603	17,136	65	51	83 783	2 212,740	23 624,674	10,677	10,209
16	2	99 188	40 548,220	712 210,760	17,565	17,097	66	52	82 325	2 056,024	21 411,934	10,414	9,947
17	3	99 152	38 329,665	671 662,540	17,523	17,056	67	53	80 764	1 907,355	19 355,910	10,148	9,680
18	4	99 116	36 232,269	633 332,874	17,480	17,012	68	54	79 107	1 766,645	17 448,555	9,877	9,409
19	5	99 068	34 245,815	597 100,605	17,436	16,968	69	55	77 340	1 633,268	15 681,909	9,602	9,134
20	6	99 022	32 368,482	562 854,790	17,389	16,921	70	56	75 474	1 507,194	14 048,641	9,321	8,853
21	7	98 973	30 593,630	530 486,308	17,340	16,872	71	57	73 525	1 388,448	12 541,447	9,033	8,565
22	8	98 929	28 917,068	499 892,678	17,287	16,820	72	58	71 422	1 275,402	11 152,998	8,745	8,277
23	9	98 880	27 331,312	470 975,610	17,232	16,765	73	59	69 255	1 169,454	9 877,596	8,446	7,979
24	10	98 833	25 832,979	443 644,298	17,174	16,706	74	60	66 947	1 069,007	8 708,142	8,146	7,678
25	11	98 783	24 415,802	417 811,320	17,112	16,645	75	61	64 526	974,337	7 639,136	7,840	7,373
26	12	98 731	23 076,256	393 395,518	17,048	16,580	76	62	61 969	884,842	6 664,798	7,532	7,065
27	13	98 682	21 810,524	370 319,262	16,979	16,511	77	63	59 283	800,466	5 779,956	7,221	6,753
28	14	98 629	20 613,704	348 508,738	16,907	16,439	78	64	56 512	721,555	4 979,490	6,901	6,433
29	15	98 575	19 482,051	327 895,034	16,831	16,363	79	65	53 585	646,979	4 257,934	6,581	6,114
30	16	98 515	18 411,523	308 412,983	16,751	16,284	80	66	50 525	576,873	3 610,956	6,260	5,792
31	17	98 450	17 399,004	290 001,460	16,668	16,200	81	67	47 289	510,564	3 034,083	5,943	5,475
32	18	98 381	16 441,389	272 602,456	16,580	16,113	82	68	43 933	448,535	2 523,519	5,626	5,159
33	19	98 305	15 535,393	256 161,066	16,489	16,021	83	69	40 466	390,683	2 074,984	5,311	4,844
34	20	98 220	14 677,966	240 625,673	16,394	15,926	84	70	36 839	336,326	1 684,302	5,008	4,540
35	21	98 135	13 867,849	225 947,707	16,293	15,825	85	71	33 118	285,915	1 347,976	4,715	4,247
36	22	98 044	13 101,680	212 079,858	16,187	15,720	86	72	29 332	239,461	1 062,061	4,435	3,968
37	23	97 941	12 376,277	198 978,178	16,077	15,610	87	73	25 581	197,477	822,600	4,166	3,698
38	24	97 827	11 689,748	186 601,901	15,963	15,495	88	74	21 907	159,922	625,123	3,909	3,441
39	25	97 712	11 041,090	174 912,152	15,842	15,374	89	75	18 352	126,690	465,200	3,672	3,204
40	26	97 580	10 426,664	163 871,062	15,717	15,249	90	76	15 013	97,999	338,511	3,454	2,987
41	27	97 442	9 845,773	153 444,398	15,585	15,117	91	77	11 988	74,000	240,512	3,250	2,783
42	28	97 280	9 294,966	143 598,625	15,449	14,981	92	78	9 353	54,594	166,512	3,050	2,582
43	29	97 119	8 775,044	134 303,659	15,305	14,838	93	79	7 061	38,975	111,917	2,872	2,404
44	30	96 940	8 282,637	125 528,615	15,156	14,688	94	80	5 167	26,971	72,943	2,705	2,237
45	31	96 745	7 816,490	117 245,979	15,000	14,532	95	81	3 639	17,964	45,972	2,559	2,092
46	32	96 532	7 375,213	109 429,489	14,837	14,370	96	82	2 476	11,558	28,008	2,423	1,956
47	33	96 301	6 957,473	102 054,276	14,668	14,201	97	83	1 618	7,140	16,450	2,304	1,836
48	34	96 042	6 561,532	95 096,804	14,493	14,026	98	84	1 019	4,255	9,310	2,188	1,720
49	35	95 754	6 186,112	88 535,272	14,312	13,844	99	85	618	2,441	5,055	2,071	1,603
							100	86	355	1,324	2,614	1,974	1,507

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	5 832,571	82 512,006	14,147	13,679
1							51	36	95 121	5 495,144	76 679,434	13,954	13,486
2							52	37	94 736	5 175,292	71 184,290	13,755	13,287
3							53	38	94 310	4 871,876	66 008,998	13,549	13,081
4							54	39	93 832	4 583,638	61 137,122	13,338	12,871
5							55	40	93 301	4 309,896	56 553,484	13,122	12,654
6							56	41	92 712	4 049,809	52 243,588	12,900	12,433
7							57	42	92 057	3 802,562	48 193,779	12,674	12,206
8							58	43	91 333	3 567,501	44 391,217	12,443	11,976
9							59	44	90 546	3 344,469	40 823,716	12,206	11,739
10							60	45	89 674	3 132,171	37 479,247	11,966	11,498
11							61	46	88 722	2 930,410	34 347,077	11,721	11,253
12							62	47	87 678	2 738,473	31 416,667	11,472	11,005
13							63	48	86 535	2 555,811	28 678,194	11,221	10,753
14							64	49	85 285	2 381,914	26 122,384	10,967	10,499
15	0	99 513	43 020,358	755 475,051	17,561	17,093	65	50	83 938	2 216,827	23 740,470	10,709	10,242
16	1	99 210	40 557,241	712 454,693	17,567	17,099	66	51	82 497	2 060,302	21 523,642	10,447	9,979
17	2	99 165	38 334,703	671 897,452	17,527	17,060	67	52	80 942	1 911,569	19 463,340	10,182	9,714
18	3	99 126	36 235,882	633 562,750	17,484	17,017	68	53	79 304	1 771,035	17 551,771	9,910	9,443
19	4	99 077	34 248,968	597 326,868	17,441	16,973	69	54	77 553	1 637,779	15 780,736	9,635	9,168
20	5	99 028	32 370,682	563 077,900	17,395	16,927	70	55	75 709	1 511,900	14 142,957	9,354	8,887
21	6	98 981	30 595,864	530 707,219	17,346	16,878	71	56	73 775	1 393,159	12 631,057	9,066	8,599
22	7	98 933	28 918,445	500 111,355	17,294	16,826	72	57	71 692	1 280,211	11 237,898	8,778	8,311
23	8	98 887	27 333,281	471 192,909	17,239	16,771	73	58	69 545	1 174,355	9 957,686	8,479	8,012
24	9	98 839	25 834,352	443 859,628	17,181	16,713	74	59	67 258	1 073,984	8 783,331	8,178	7,711
25	10	98 788	24 417,159	418 025,276	17,120	16,653	75	60	64 859	979,358	7 709,347	7,872	7,404
26	11	98 739	23 078,031	393 608,117	17,056	16,588	76	61	62 317	889,813	6 729,989	7,563	7,096
27	12	98 688	21 811,903	370 530,086	16,988	16,520	77	62	59 648	805,397	5 840,176	7,251	6,784
28	13	98 637	20 615,333	348 718,184	16,915	16,448	78	63	56 896	726,466	5 034,779	6,931	6,463
29	14	98 584	19 483,848	328 102,850	16,840	16,372	79	64	53 985	651,808	4 308,313	6,610	6,142
30	15	98 526	18 413,655	308 619,002	16,760	16,293	80	65	50 934	581,533	3 656,505	6,288	5,820
31	16	98 463	17 401,229	290 205,347	16,677	16,210	81	66	47 707	515,075	3 074,972	5,970	5,502
32	17	98 394	16 443,521	272 804,118	16,590	16,123	82	67	44 348	452,772	2 559,897	5,654	5,186
33	18	98 321	15 537,915	256 360,597	16,499	16,031	83	68	40 884	394,710	2 107,126	5,338	4,871
34	19	98 236	14 680,379	240 822,682	16,404	15,937	84	69	37 270	340,255	1 712,415	5,033	4,565
35	20	98 151	13 870,120	226 142,302	16,304	15,837	85	70	33 539	289,549	1 372,161	4,739	4,271
36	21	98 061	13 103,905	212 272,183	16,199	15,732	86	71	29 743	242,815	1 082,612	4,459	3,991
37	22	97 957	12 378,354	199 168,278	16,090	15,622	87	72	25 969	200,474	839,797	4,189	3,721
38	23	97 843	11 691,661	186 789,924	15,976	15,509	88	73	22 280	162,644	639,322	3,931	3,463
39	24	97 728	11 042,904	175 098,264	15,856	15,389	89	74	18 693	129,037	476,678	3,694	3,227
40	25	97 599	10 428,692	164 055,359	15,731	15,264	90	75	15 321	100,011	347,641	3,476	3,008
41	26	97 459	9 847,528	153 626,667	15,601	15,133	91	76	12 259	75,676	247,629	3,272	2,805
42	27	97 300	9 296,916	143 779,139	15,465	14,998	92	77	9 582	55,933	171,953	3,074	2,607
43	28	97 142	8 777,132	134 482,223	15,322	14,854	93	78	7 258	40,065	116,020	2,896	2,428
44	29	96 964	8 284,681	125 705,091	15,173	14,706	94	79	5 331	27,828	75,955	2,729	2,262
45	30	96 772	7 818,701	117 420,410	15,018	14,550	95	80	3 772	18,620	48,127	2,585	2,117
46	31	96 563	7 377,588	109 601,709	14,856	14,388	96	81	2 581	12,045	29,507	2,450	1,982
47	32	96 333	6 959,811	102 224,121	14,688	14,220	97	82	1 697	7,492	17,462	2,331	1,863
48	33	96 076	6 563,830	95 264,310	14,514	14,046	98	83	1 079	4,504	9,970	2,214	1,746
49	34	95 790	6 188,474	88 700,480	14,333	13,866	99	84	661	2,607	5,466	2,096	1,629
							100	85	383	1,429	2,859	2,000	1,532

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	5 834,799	82 660,575	14,167	13,699
1							51	35	95 166	5 497,711	76 825,776	13,974	13,507
2							52	36	94 781	5 177,761	71 328,065	13,776	13,308
3							53	37	94 357	4 874,338	66 150,304	13,571	13,104
4							54	38	93 884	4 586,180	61 275,966	13,361	12,893
5							55	39	93 362	4 312,702	56 689,786	13,145	12,677
6							56	40	92 771	4 052,375	52 377,085	12,925	12,457
7							57	41	92 125	3 805,351	48 324,710	12,699	12,232
8							58	42	91 406	3 570,382	44 519,359	12,469	12,001
9							59	43	90 627	3 347,467	40 948,977	12,233	11,765
10							60	44	89 759	3 135,136	37 601,510	11,994	11,526
11							61	45	88 818	2 933,565	34 466,374	11,749	11,281
12							62	46	87 782	2 741,719	31 532,809	11,501	11,034
13							63	47	86 648	2 559,136	28 791,090	11,250	10,783
14							64	48	85 414	2 385,533	26 231,954	10,996	10,529
15							65	49	84 079	2 220,567	23 846,421	10,739	10,271
16	0	99 497	40 674,867	712 795,271	17,524	17,057	66	50	82 649	2 064,108	21 625,854	10,477	10,010
17	1	99 187	38 343,231	672 120,404	17,529	17,061	67	51	81 111	1 915,547	19 561,745	10,212	9,745
18	2	99 139	36 240,644	633 777,174	17,488	17,020	68	52	79 479	1 774,948	17 646,199	9,942	9,474
19	3	99 087	34 252,383	597 536,530	17,445	16,978	69	53	77 746	1 641,848	15 871,251	9,667	9,199
20	4	99 037	32 373,662	563 284,147	17,399	16,932	70	54	75 918	1 516,076	14 229,402	9,386	8,918
21	5	98 987	30 597,943	530 910,485	17,351	16,884	71	55	74 005	1 397,509	12 713,327	9,097	8,630
22	6	98 941	28 920,557	500 312,542	17,300	16,832	72	56	71 935	1 284,555	11 315,818	8,809	8,342
23	7	98 892	27 334,583	471 391,985	17,245	16,778	73	57	69 807	1 178,783	10 031,263	8,510	8,042
24	8	98 846	25 836,214	444 057,402	17,187	16,720	74	58	67 540	1 078,485	8 852,480	8,208	7,741
25	9	98 793	24 418,457	418 221,188	17,127	16,660	75	59	65 161	983,918	7 773,995	7,901	7,433
26	10	98 744	23 079,314	393 802,731	17,063	16,595	76	60	62 638	894,398	6 790,076	7,592	7,124
27	11	98 695	21 813,580	370 723,418	16,995	16,527	77	61	59 983	809,921	5 895,678	7,279	6,812
28	12	98 643	20 616,636	348 909,837	16,924	16,456	78	62	57 247	730,941	5 085,757	6,958	6,490
29	13	98 592	19 485,388	328 293,201	16,848	16,381	79	63	54 352	656,244	4 354,816	6,636	6,168
30	14	98 535	18 415,353	308 807,813	16,769	16,301	80	64	51 314	585,873	3 698,571	6,313	5,845
31	15	98 474	17 403,244	290 392,459	16,686	16,219	81	65	48 092	519,236	3 112,698	5,995	5,527
32	16	98 406	16 445,624	272 989,215	16,600	16,132	82	66	44 739	456,772	2 593,462	5,678	5,210
33	17	98 333	15 539,930	256 543,592	16,509	16,041	83	67	41 270	398,439	2 136,690	5,363	4,895
34	18	98 252	14 682,763	241 003,662	16,414	15,946	84	68	37 654	343,762	1 738,251	5,057	4,589
35	19	98 167	13 872,400	226 320,899	16,314	15,847	85	69	33 931	292,931	1 394,489	4,760	4,293
36	20	98 077	13 106,050	212 448,499	16,210	15,742	86	70	30 121	245,902	1 101,558	4,480	4,012
37	21	97 974	12 380,456	199 342,449	16,101	15,634	87	71	26 333	203,282	855,656	4,209	3,742
38	22	97 860	11 693,623	186 961,993	15,988	15,521	88	72	22 618	165,113	652,374	3,951	3,484
39	23	97 744	11 044,711	175 268,370	15,869	15,401	89	73	19 011	131,233	487,261	3,713	3,245
40	24	97 615	10 430,405	164 223,660	15,745	15,277	90	74	15 605	101,865	356,028	3,495	3,028
41	25	97 478	9 849,443	153 793,254	15,614	15,147	91	75	12 511	77,230	254,163	3,291	2,823
42	26	97 318	9 298,574	143 943,812	15,480	15,013	92	76	9 799	57,200	176,933	3,093	2,626
43	27	97 163	8 778,974	134 645,238	15,337	14,870	93	77	7 436	41,047	119,733	2,917	2,449
44	28	96 987	8 286,653	125 866,264	15,189	14,721	94	78	5 480	28,606	78,686	2,751	2,283
45	29	96 796	7 820,630	117 579,611	15,035	14,567	95	79	3 892	19,212	50,080	2,607	2,139
46	30	96 591	7 379,675	109 758,981	14,873	14,406	96	80	2 675	12,486	30,867	2,472	2,005
47	31	96 364	6 962,052	102 379,306	14,705	14,238	97	81	1 769	7,807	18,382	2,354	1,887
48	32	96 108	6 566,036	95 417,253	14,532	14,064	98	82	1 132	4,726	10,574	2,238	1,770
49	33	95 824	6 190,642	88 851,217	14,353	13,885	99	83	699	2,760	5,848	2,119	1,652
							100	84	409	1,527	3,089	2,023	1,555

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	5 836,843	82 796,089	14,185	13,718
1							51	34	95 202	5 499,811	76 959,246	13,993	13,525
2							52	35	94 825	5 180,180	71 459,435	13,795	13,327
3							53	36	94 402	4 876,663	66 279,255	13,591	13,124
4							54	37	93 931	4 588,497	61 402,592	13,382	12,914
5							55	38	93 414	4 315,093	56 814,096	13,166	12,699
6							56	39	92 831	4 055,013	52 499,003	12,947	12,479
7							57	40	92 183	3 807,762	48 443,990	12,722	12,255
8							58	41	91 473	3 573,001	44 636,228	12,493	12,025
9							59	42	90 700	3 350,170	41 063,227	12,257	11,789
10							60	43	89 840	3 137,947	37 713,057	12,018	11,551
11							61	44	88 902	2 936,343	34 575,111	11,775	11,307
12							62	45	87 877	2 744,672	31 638,768	11,527	11,060
13							63	46	86 750	2 562,170	28 894,096	11,277	10,810
14							64	47	85 525	2 388,637	26 331,926	11,024	10,556
15							65	48	84 207	2 223,941	23 943,290	10,766	10,299
16							66	49	82 788	2 067,590	21 719,349	10,505	10,037
17	0	99 475	38 454,436	672 435,353	17,487	17,019	67	50	81 260	1 919,085	19 651,758	10,240	9,773
18	1	99 161	36 248,706	633 980,918	17,490	17,022	68	51	79 644	1 778,641	17 732,673	9,970	9,502
19	2	99 100	34 256,884	597 732,211	17,449	16,981	69	52	77 918	1 645,476	15 954,032	9,696	9,228
20	3	99 047	32 376,890	563 475,327	17,404	16,936	70	53	76 107	1 519,843	14 308,556	9,414	8,947
21	4	98 997	30 600,760	531 098,437	17,356	16,888	71	54	74 209	1 401,369	12 788,713	9,126	8,658
22	5	98 947	28 922,522	500 497,678	17,305	16,837	72	55	72 160	1 288,566	11 387,345	8,837	8,370
23	6	98 899	27 336,579	471 575,156	17,251	16,783	73	56	70 044	1 182,782	10 098,779	8,538	8,071
24	7	98 850	25 837,444	444 238,576	17,194	16,726	74	57	67 795	1 082,552	8 915,997	8,236	7,769
25	8	98 800	24 420,217	418 401,132	17,133	16,666	75	58	65 434	988,042	7 833,445	7,928	7,461
26	9	98 750	23 080,541	393 980,915	17,070	16,602	76	59	62 930	898,563	6 845,403	7,618	7,151
27	10	98 701	21 814,793	370 900,375	17,002	16,535	77	60	60 293	814,095	5 946,840	7,305	6,837
28	11	98 651	20 618,222	349 085,582	16,931	16,463	78	61	57 568	735,047	5 132,746	6,983	6,515
29	12	98 598	19 486,620	328 467,360	16,856	16,388	79	62	54 687	660,287	4 397,698	6,660	6,193
30	13	98 543	18 416,809	308 980,740	16,777	16,310	80	63	51 663	589,861	3 737,412	6,336	5,869
31	14	98 483	17 404,849	290 563,931	16,694	16,227	81	64	48 451	523,111	3 147,551	6,017	5,549
32	15	98 418	16 447,528	273 159,081	16,608	16,140	82	65	45 101	460,462	2 624,440	5,700	5,232
33	16	98 346	15 541,917	256 711,553	16,517	16,050	83	66	41 634	401,959	2 163,977	5,384	4,916
34	17	98 265	14 684,667	241 169,636	16,423	15,956	84	67	38 010	347,010	1 762,018	5,078	4,610
35	18	98 183	13 874,652	226 484,970	16,324	15,856	85	68	34 281	295,951	1 415,009	4,781	4,314
36	19	98 093	13 108,204	212 610,318	16,220	15,752	86	69	30 473	248,774	1 119,058	4,498	4,031
37	20	97 990	12 382,483	199 502,114	16,112	15,644	87	70	26 667	205,866	870,284	4,227	3,760
38	21	97 876	11 695,609	187 119,631	15,999	15,532	88	71	22 935	167,425	664,417	3,968	3,501
39	22	97 760	11 046,564	175 424,022	15,880	15,413	89	72	19 299	133,225	496,992	3,730	3,263
40	23	97 631	10 432,112	164 377,458	15,757	15,289	90	73	15 870	103,598	363,767	3,511	3,044
41	24	97 494	9 851,061	153 945,346	15,627	15,160	91	74	12 743	78,661	260,168	3,307	2,840
42	25	97 337	9 300,382	144 094,285	15,493	15,026	92	75	10 000	58,375	181,507	3,109	2,642
43	26	97 180	8 780,539	134 793,904	15,351	14,884	93	76	7 605	41,977	123,133	2,933	2,466
44	27	97 008	8 288,392	126 013,365	15,204	14,736	94	77	5 615	29,308	81,156	2,769	2,302
45	28	96 819	7 822,492	117 724,973	15,050	14,582	95	78	4 001	19,750	51,848	2,625	2,158
46	29	96 614	7 381,497	109 902,481	14,889	14,421	96	79	2 760	12,882	32,098	2,492	2,024
47	30	96 391	6 964,022	102 520,985	14,722	14,254	97	80	1 834	8,093	19,216	2,374	1,907
48	31	96 139	6 568,151	95 556,963	14,549	14,081	98	81	1 180	4,925	11,123	2,259	1,791
49	32	95 856	6 192,723	88 988,812	14,370	13,902	99	82	734	2,896	6,198	2,140	1,673
							100	83	433	1,616	3,303	2,044	1,576

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	5 838,805	82 919,753	14,201	13,734
1							51	33	95 236	5 501,738	77 080,948	14,010	13,543
2							52	34	94 862	5 182,159	71 579,211	13,813	13,345
3							53	35	94 446	4 878,941	66 397,052	13,609	13,141
4							54	36	93 976	4 590,686	61 518,111	13,401	12,933
5							55	37	93 461	4 317,273	56 927,425	13,186	12,718
6							56	38	92 883	4 057,261	52 610,153	12,967	12,499
7							57	39	92 243	3 810,241	48 552,892	12,743	12,275
8							58	40	91 531	3 575,265	44 742,651	12,515	12,047
9							59	41	90 767	3 352,627	41 167,386	12,279	11,812
10							60	42	89 912	3 140,481	37 814,759	12,041	11,573
11							61	43	88 981	2 938,975	34 674,278	11,798	11,331
12							62	44	87 960	2 747,270	31 735,304	11,552	11,084
13							63	45	86 844	2 564,929	28 988,033	11,302	10,834
14							64	46	85 627	2 391,469	26 423,104	11,049	10,581
15							65	47	84 316	2 226,834	24 031,636	10,792	10,324
16							66	48	82 914	2 070,732	21 804,801	10,530	10,062
17							67	49	81 398	1 922,322	19 734,069	10,266	9,798
18	0	99 448	36 353,837	634 272,210	17,447	16,980	68	50	79 791	1 781,927	17 811,747	9,996	9,528
19	1	99 122	34 264,505	597 918,373	17,450	16,983	69	51	78 080	1 648,900	16 029,820	9,722	9,254
20	2	99 060	32 381,145	563 653,868	17,407	16,939	70	52	76 275	1 523,201	14 380,920	9,441	8,974
21	3	99 006	30 603,811	531 272,723	17,360	16,892	71	53	74 394	1 404,851	12 857,720	9,152	8,685
22	4	98 957	28 925,185	500 668,912	17,309	16,842	72	54	72 359	1 292,124	11 452,869	8,864	8,396
23	5	98 906	27 338,437	471 743,727	17,256	16,788	73	55	70 263	1 186,475	10 160,745	8,564	8,096
24	6	98 858	25 839,331	444 405,291	17,199	16,731	74	56	68 025	1 086,225	8 974,269	8,262	7,794
25	7	98 805	24 421,380	418 565,959	17,139	16,672	75	57	65 681	991,767	7 888,044	7,954	7,486
26	8	98 757	23 082,204	394 144,580	17,076	16,608	76	58	63 194	902,329	6 896,277	7,643	7,175
27	9	98 706	21 815,953	371 062,376	17,009	16,541	77	59	60 573	817,885	5 993,949	7,329	6,861
28	10	98 657	20 619,368	349 246,423	16,938	16,470	78	60	57 865	738,835	5 176,063	7,006	6,538
29	11	98 605	19 488,119	328 627,055	16,863	16,395	79	61	54 994	663,996	4 437,228	6,683	6,215
30	12	98 549	18 417,973	309 138,936	16,785	16,317	80	62	51 981	593,494	3 773,232	6,358	5,890
31	13	98 491	17 406,225	290 720,963	16,702	16,235	81	63	48 781	526,672	3 179,738	6,037	5,570
32	14	98 427	16 449,045	273 314,738	16,616	16,148	82	64	45 437	463,899	2 653,066	5,719	5,251
33	15	98 357	15 543,716	256 865,692	16,525	16,058	83	65	41 971	405,206	2 189,167	5,403	4,935
34	16	98 277	14 686,544	241 321,976	16,432	15,964	84	66	38 345	350,075	1 783,961	5,096	4,628
35	17	98 195	13 876,451	226 635,432	16,332	15,865	85	67	34 605	298,747	1 433,886	4,800	4,332
36	18	98 109	13 110,333	212 758,981	16,228	15,761	86	68	30 787	251,339	1 135,139	4,516	4,049
37	19	98 006	12 384,519	199 648,648	16,121	15,653	87	69	26 979	208,271	883,800	4,244	3,776
38	20	97 892	11 697,523	187 264,130	16,009	15,541	88	70	23 226	169,554	675,529	3,984	3,517
39	21	97 777	11 048,440	175 566,607	15,891	15,423	89	71	19 570	135,091	505,975	3,745	3,278
40	22	97 647	10 433,862	164 518,167	15,768	15,300	90	72	16 111	105,170	370,884	3,527	3,059
41	23	97 510	9 852,673	154 084,304	15,639	15,171	91	73	12 960	80,000	265,714	3,321	2,854
42	24	97 353	9 301,910	144 231,632	15,506	15,038	92	74	10 186	59,456	185,714	3,124	2,656
43	25	97 199	8 782,246	134 929,722	15,364	14,896	93	75	7 761	42,839	126,258	2,947	2,480
44	26	97 025	8 289,869	126 147,476	15,217	14,749	94	76	5 742	29,972	83,419	2,783	2,316
45	27	96 840	7 824,133	117 857,607	15,063	14,596	95	77	4 099	20,234	53,447	2,641	2,174
46	28	96 637	7 383,254	110 033,474	14,903	14,436	96	78	2 837	13,243	33,213	2,508	2,040
47	29	96 415	6 965,741	102 650,220	14,736	14,269	97	79	1 892	8,350	19,970	2,392	1,924
48	30	96 167	6 570,009	95 684,479	14,564	14,096	98	80	1 223	5,105	11,620	2,276	1,809
49	31	95 887	6 194,717	89 114,470	14,386	13,918	99	81	765	3,018	6,515	2,159	1,691
							100	82	454	1,696	3,498	2,063	1,595

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	5 840,685	83 032,660	14,216	13,749
1							51	32	95 268	5 503,586	77 191,974	14,026	13,558
2							52	33	94 895	5 183,974	71 688,388	13,829	13,361
3							53	34	94 482	4 880,805	66 504,414	13,626	13,158
4							54	35	94 020	4 592,830	61 623,609	13,417	12,950
5							55	36	93 506	4 319,332	57 030,779	13,204	12,736
6							56	37	92 929	4 059,311	52 711,447	12,985	12,518
7							57	38	92 294	3 812,353	48 652,136	12,762	12,294
8							58	39	91 591	3 577,592	44 839,783	12,534	12,066
9							59	40	90 824	3 354,751	41 262,191	12,300	11,832
10							60	41	89 978	3 142,784	37 907,439	12,062	11,594
11							61	42	89 053	2 941,348	34 764,655	11,819	11,352
12							62	43	88 039	2 749,733	31 823,307	11,573	11,106
13							63	44	86 926	2 567,357	29 073,574	11,324	10,857
14							64	45	85 719	2 394,044	26 506,216	11,072	10,604
15							65	46	84 416	2 229,475	24 112,173	10,815	10,348
16							66	47	83 022	2 073,426	21 882,698	10,554	10,086
17							67	48	81 521	1 925,243	19 809,272	10,289	9,822
18							68	49	79 926	1 784,933	17 884,029	10,019	9,552
19	0	99 410	34 363,881	598 187,818	17,407	16,940	69	50	78 224	1 651,946	16 099,096	9,746	9,278
20	1	99 082	32 388,348	563 823,937	17,408	16,941	70	51	76 434	1 526,370	14 447,150	9,465	8,997
21	2	99 019	30 607,833	531 435,588	17,363	16,895	71	52	74 558	1 407,954	12 920,780	9,177	8,709
22	3	98 966	28 928,069	500 827,756	17,313	16,845	72	53	72 539	1 295,335	11 512,826	8,888	8,420
23	4	98 915	27 340,954	471 899,687	17,260	16,792	73	54	70 457	1 189,752	10 217,491	8,588	8,120
24	5	98 864	25 841,087	444 558,733	17,204	16,736	74	55	68 237	1 089,616	9 027,738	8,285	7,818
25	6	98 812	24 423,163	418 717,646	17,144	16,677	75	56	65 904	995,132	7 938,122	7,977	7,509
26	7	98 762	23 083,303	394 294,483	17,081	16,614	76	57	63 432	905,731	6 942,990	7,666	7,198
27	8	98 713	21 817,525	371 211,180	17,014	16,547	77	58	60 827	821,313	6 037,259	7,351	6,883
28	9	98 662	20 620,464	349 393,655	16,944	16,476	78	59	58 135	742,275	5 215,946	7,027	6,559
29	10	98 611	19 489,202	328 773,190	16,870	16,402	79	60	55 277	667,418	4 473,671	6,703	6,235
30	11	98 557	18 419,390	309 283,988	16,791	16,324	80	61	52 273	596,828	3 806,253	6,377	5,910
31	12	98 497	17 407,325	290 864,599	16,709	16,242	81	62	49 081	529,916	3 209,425	6,056	5,589
32	13	98 434	16 450,345	273 457,273	16,623	16,156	82	63	45 747	467,056	2 679,509	5,737	5,269
33	14	98 367	15 545,150	257 006,928	16,533	16,065	83	64	42 284	408,231	2 212,453	5,420	4,952
34	15	98 288	14 688,245	241 461,777	16,439	15,972	84	65	38 655	352,904	1 804,222	5,113	4,645
35	16	98 208	13 878,225	226 773,533	16,340	15,873	85	66	34 910	301,386	1 451,319	4,815	4,348
36	17	98 121	13 112,033	212 895,308	16,237	15,769	86	67	31 078	253,713	1 149,932	4,532	4,065
37	18	98 022	12 386,529	199 783,275	16,129	15,661	87	68	27 257	210,418	896,219	4,259	3,792
38	19	97 908	11 699,446	187 396,746	16,018	15,550	88	69	23 498	171,534	685,801	3,998	3,530
39	20	97 793	11 050,249	175 697,300	15,900	15,432	89	70	19 818	136,808	514,267	3,759	3,291
40	21	97 664	10 435,634	164 647,051	15,777	15,310	90	71	16 337	106,644	377,459	3,539	3,072
41	22	97 526	9 854,326	154 211,417	15,649	15,182	91	72	13 157	81,214	270,815	3,335	2,867
42	23	97 369	9 303,431	144 357,091	15,517	15,049	92	73	10 359	60,468	189,601	3,136	2,668
43	24	97 215	8 783,689	135 053,660	15,376	14,908	93	74	7 905	43,633	129,133	2,960	2,492
44	25	97 044	8 291,481	126 269,971	15,229	14,761	94	75	5 860	30,587	85,500	2,795	2,328
45	26	96 857	7 825,528	117 978,489	15,076	14,609	95	76	4 192	20,692	54,913	2,654	2,186
46	27	96 658	7 384,803	110 152,961	14,916	14,449	96	77	2 907	13,568	34,221	2,522	2,055
47	28	96 438	6 967,399	102 768,159	14,750	14,282	97	78	1 945	8,584	20,653	2,406	1,939
48	29	96 190	6 571,631	95 800,760	14,578	14,110	98	79	1 262	5,267	12,069	2,291	1,824
49	30	95 914	6 196,470	89 229,129	14,400	13,932	99	80	793	3,128	6,802	2,175	1,707
							100	81	474	1,767	3,674	2,079	1,612

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	5 842,337	83 135,652	14,230	13,762
1							51	31	95 298	5 505,359	77 293,315	14,040	13,572
2							52	32	94 927	5 185,716	71 787,956	13,843	13,376
3							53	33	94 516	4 882,515	66 602,240	13,641	13,173
4							54	34	94 056	4 594,584	61 719,725	13,433	12,966
5							55	35	93 549	4 321,350	57 125,141	13,219	12,752
6							56	36	92 974	4 061,248	52 803,791	13,002	12,534
7							57	37	92 341	3 814,279	48 742,543	12,779	12,311
8							58	38	91 642	3 579,576	44 928,264	12,551	12,084
9							59	39	90 884	3 356,936	41 348,688	12,317	11,850
10							60	40	90 035	3 144,775	37 991,753	12,081	11,613
11							61	41	89 118	2 943,506	34 846,978	11,839	11,371
12							62	42	88 110	2 751,953	31 903,472	11,593	11,125
13							63	43	87 004	2 569,659	29 151,519	11,345	10,877
14							64	44	85 800	2 396,310	26 581,860	11,093	10,625
15							65	45	84 507	2 231,875	24 185,549	10,836	10,369
16							66	46	83 120	2 075,884	21 953,674	10,576	10,108
17							67	47	81 627	1 927,748	19 877,790	10,311	9,844
18							68	48	80 047	1 787,645	17 950,041	10,041	9,574
19							69	49	78 356	1 654,732	16 162,397	9,767	9,300
20	0	99 370	32 482,283	564 073,214	17,366	16,898	70	50	76 575	1 529,190	14 507,664	9,487	9,020
21	1	99 041	30 614,642	531 590,931	17,364	16,896	71	51	74 713	1 410,884	12 978,474	9,199	8,731
22	2	98 979	28 931,871	500 976,289	17,316	16,848	72	52	72 699	1 298,197	11 567,590	8,911	8,443
23	3	98 925	27 343,680	472 044,419	17,263	16,796	73	53	70 632	1 192,708	10 269,394	8,610	8,143
24	4	98 873	25 843,466	444 700,739	17,207	16,740	74	54	68 426	1 092,626	9 076,685	8,307	7,840
25	5	98 819	24 424,823	418 857,273	17,149	16,681	75	55	66 109	998,239	7 984,060	7,998	7,531
26	6	98 769	23 084,989	394 432,450	17,086	16,619	76	56	63 647	908,804	6 985,820	7,687	7,219
27	7	98 718	21 818,564	371 347,461	17,020	16,552	77	57	61 057	824,410	6 077,016	7,371	6,904
28	8	98 669	20 621,950	349 528,897	16,949	16,482	78	58	58 378	745,386	5 252,606	7,047	6,579
29	9	98 616	19 490,238	328 906,947	16,875	16,408	79	59	55 535	670,525	4 507,220	6,722	6,254
30	10	98 562	18 420,414	309 416,709	16,797	16,330	80	60	52 543	599,904	3 836,695	6,396	5,928
31	11	98 505	17 408,664	290 996,295	16,716	16,248	81	61	49 357	532,893	3 236,792	6,074	5,606
32	12	98 441	16 451,385	273 587,631	16,630	16,162	82	62	46 029	469,933	2 703,899	5,754	5,286
33	13	98 374	15 546,379	257 136,246	16,540	16,072	83	63	42 572	411,009	2 233,966	5,435	4,968
34	14	98 298	14 689,600	241 589,867	16,446	15,979	84	64	38 944	355,538	1 822,956	5,127	4,660
35	15	98 219	13 879,832	226 900,267	16,347	15,880	85	65	35 192	303,821	1 467,419	4,830	4,362
36	16	98 134	13 113,709	213 020,435	16,244	15,777	86	66	31 353	255,955	1 163,598	4,546	4,079
37	17	98 035	12 388,135	199 906,726	16,137	15,669	87	67	27 514	212,406	907,643	4,273	3,806
38	18	97 924	11 701,346	187 518,590	16,025	15,558	88	68	23 740	173,303	695,237	4,012	3,544
39	19	97 809	11 052,065	175 817,245	15,908	15,441	89	69	20 050	138,406	521,935	3,771	3,303
40	20	97 680	10 437,343	164 765,180	15,786	15,319	90	70	16 545	107,999	383,528	3,551	3,084
41	21	97 543	9 855,999	154 327,837	15,658	15,191	91	71	13 341	82,351	275,529	3,346	2,878
42	22	97 385	9 304,993	144 471,838	15,526	15,059	92	72	10 516	61,386	193,177	3,147	2,679
43	23	97 231	8 785,126	135 166,845	15,386	14,918	93	73	8 039	44,375	131,792	2,970	2,502
44	24	97 060	8 292,843	126 381,719	15,240	14,772	94	74	5 969	31,154	87,416	2,806	2,338
45	25	96 876	7 827,050	118 088,876	15,087	14,620	95	75	4 278	21,117	56,262	2,664	2,197
46	26	96 675	7 386,119	110 261,826	14,928	14,461	96	76	2 973	13,875	35,145	2,533	2,065
47	27	96 458	6 968,860	102 875,707	14,762	14,295	97	77	1 992	8,794	21,270	2,419	1,951
48	28	96 213	6 573,195	95 906,846	14,591	14,123	98	78	1 297	5,414	12,476	2,304	1,837
49	29	95 938	6 197,999	89 333,651	14,413	13,946	99	79	818	3,227	7,062	2,188	1,720
							100	80	491	1,832	3,834	2,093	1,626

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	5 843,780	83 229,508	14,242	13,775
1							51	30	95 325	5 506,916	77 385,729	14,052	13,585
2							52	31	94 957	5 187,386	71 878,813	13,856	13,389
3							53	32	94 547	4 884,155	66 691,426	13,655	13,187
4							54	33	94 089	4 596,194	61 807,271	13,447	12,980
5							55	34	93 585	4 323,001	57 211,077	13,234	12,767
6							56	35	93 017	4 063,145	52 888,076	13,017	12,549
7							57	36	92 385	3 816,099	48 824,931	12,794	12,327
8							58	37	91 688	3 581,384	45 008,833	12,567	12,100
9							59	38	90 934	3 358,797	41 427,449	12,334	11,866
10							60	39	90 094	3 146,823	38 068,652	12,097	11,630
11							61	40	89 175	2 945,370	34 921,829	11,857	11,389
12							62	41	88 174	2 753,972	31 976,459	11,611	11,143
13							63	42	87 074	2 571,734	29 222,487	11,363	10,895
14							64	43	85 877	2 398,459	26 650,753	11,112	10,644
15							65	44	84 587	2 233,988	24 252,294	10,856	10,388
16							66	45	83 210	2 078,120	22 018,306	10,595	10,128
17							67	46	81 724	1 930,034	19 940,186	10,332	9,864
18							68	47	80 151	1 789,971	18 010,152	10,062	9,594
19							69	48	78 475	1 657,247	16 220,182	9,787	9,320
20							70	49	76 704	1 531,769	14 562,935	9,507	9,040
21	0	99 329	30 703,432	531 821,591	17,321	16,854	71	50	74 851	1 413,490	13 031,166	9,219	8,752
22	1	99 001	28 938,307	501 118,159	17,317	16,849	72	51	72 850	1 300,898	11 617,675	8,931	8,463
23	2	98 938	27 347,273	472 179,852	17,266	16,798	73	52	70 788	1 195,343	10 316,777	8,631	8,163
24	3	98 883	25 846,043	444 832,579	17,211	16,743	74	53	68 596	1 095,340	9 121,434	8,327	7,860
25	4	98 828	24 427,071	418 986,536	17,153	16,685	75	54	66 292	1 000,996	8 026,093	8,018	7,551
26	5	98 775	23 086,558	394 559,465	17,090	16,623	76	55	63 846	911,641	7 025,097	7,706	7,238
27	6	98 725	21 820,157	371 472,907	17,024	16,557	77	56	61 264	827,207	6 113,456	7,390	6,923
28	7	98 674	20 622,933	349 652,750	16,955	16,487	78	57	58 598	748,196	5 286,248	7,065	6,598
29	8	98 623	19 491,643	329 029,817	16,881	16,413	79	58	55 767	673,335	4 538,052	6,740	6,272
30	9	98 568	18 421,393	309 538,174	16,803	16,336	80	59	52 787	602,697	3 864,717	6,412	5,945
31	10	98 510	17 409,632	291 116,782	16,722	16,254	81	60	49 612	535,639	3 262,020	6,090	5,622
32	11	98 448	16 452,650	273 707,150	16,636	16,168	82	61	46 287	472,573	2 726,381	5,769	5,302
33	12	98 381	15 547,362	257 254,499	16,547	16,079	83	62	42 834	413,541	2 253,808	5,450	4,982
34	13	98 305	14 690,761	241 707,137	16,453	15,985	84	63	39 209	357,957	1 840,267	5,141	4,673
35	14	98 228	13 881,113	227 016,376	16,354	15,887	85	64	35 455	306,089	1 482,309	4,843	4,375
36	15	98 145	13 115,227	213 135,264	16,251	15,783	86	65	31 606	258,022	1 176,221	4,559	4,091
37	16	98 047	12 389,719	200 020,037	16,144	15,676	87	66	27 757	214,283	918,198	4,285	3,817
38	17	97 937	11 702,863	187 630,317	16,033	15,565	88	67	23 964	174,940	703,916	4,024	3,556
39	18	97 825	11 053,860	175 927,454	15,915	15,448	89	68	20 256	139,833	528,976	3,783	3,315
40	19	97 696	10 439,058	164 873,595	15,794	15,326	90	69	16 738	109,261	389,143	3,562	3,094
41	20	97 559	9 857,613	154 434,536	15,667	15,199	91	70	13 510	83,398	279,882	3,356	2,888
42	21	97 401	9 306,573	144 576,924	15,535	15,067	92	71	10 664	62,246	196,484	3,157	2,689
43	22	97 247	8 786,600	135 270,351	15,395	14,927	93	72	8 161	45,049	134,238	2,980	2,512
44	23	97 076	8 294,200	126 483,751	15,250	14,782	94	73	6 070	31,684	89,189	2,815	2,347
45	24	96 892	7 828,336	118 189,551	15,098	14,630	95	74	4 358	21,509	57,505	2,674	2,206
46	25	96 694	7 387,556	110 361,215	14,939	14,471	96	75	3 034	14,160	35,997	2,542	2,075
47	26	96 475	6 970,103	102 973,659	14,774	14,306	97	76	2 038	8,993	21,837	2,428	1,961
48	27	96 233	6 574,574	96 003,557	14,602	14,135	98	77	1 329	5,547	12,844	2,315	1,848
49	28	95 961	6 199,474	89 428,983	14,425	13,958	99	78	841	3,318	7,296	2,199	1,732
							100	79	506	1,890	3,979	2,105	1,638

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	28	95 679	5 845,171	83 315,087	14,254	13,786
1							51	29	95 349	5 508,276	77 469,916	14,064	13,597
2							52	30	94 984	5 188,854	71 961,641	13,869	13,401
3							53	31	94 578	4 885,728	66 772,787	13,667	13,199
4							54	32	94 121	4 597,738	61 887,059	13,460	12,993
5							55	33	93 618	4 324,515	57 289,320	13,248	12,780
6							56	34	93 053	4 064,697	52 964,805	13,030	12,563
7							57	35	92 428	3 817,881	48 900,108	12,808	12,341
8							58	36	91 732	3 583,093	45 082,227	12,582	12,114
9							59	37	90 980	3 360,493	41 499,134	12,349	11,882
10							60	38	90 144	3 148,567	38 138,641	12,113	11,645
11							61	39	89 233	2 947,288	34 990,073	11,872	11,404
12							62	40	88 230	2 755,717	32 042,785	11,628	11,160
13							63	41	87 138	2 573,620	29 287,069	11,380	10,912
14							64	42	85 946	2 400,395	26 713,448	11,129	10,661
15							65	43	84 663	2 235,991	24 313,053	10,874	10,406
16							66	44	83 289	2 080,087	22 077,062	10,614	10,146
17							67	45	81 812	1 932,112	19 996,974	10,350	9,882
18							68	46	80 246	1 792,093	18 064,863	10,080	9,613
19							69	47	78 577	1 659,403	16 272,770	9,806	9,339
20							70	48	76 821	1 534,097	14 613,367	9,526	9,058
21							71	49	74 978	1 415,875	13 079,270	9,238	8,770
22	0	99 289	29 022,235	501 331,633	17,274	16,806	72	50	72 985	1 303,301	11 663,395	8,949	8,482
23	1	98 960	27 353,357	472 309,398	17,267	16,799	73	51	70 935	1 197,831	10 360,094	8,649	8,181
24	2	98 896	25 849,439	444 956,040	17,213	16,746	74	52	68 747	1 097,760	9 162,263	8,346	7,879
25	3	98 838	24 429,507	419 106,601	17,156	16,688	75	53	66 457	1 003,483	8 064,503	8,037	7,569
26	4	98 785	23 088,683	394 677,094	17,094	16,626	76	54	64 022	914,159	7 061,019	7,724	7,256
27	5	98 732	21 821,640	371 588,411	17,028	16,561	77	55	61 455	829,790	6 146,860	7,408	6,940
28	6	98 681	20 624,439	349 766,771	16,959	16,491	78	56	58 797	750,735	5 317,070	7,082	6,615
29	7	98 628	19 492,571	329 142,333	16,886	16,418	79	57	55 978	675,874	4 566,335	6,756	6,289
30	8	98 575	18 422,720	309 649,762	16,808	16,340	80	58	53 008	605,223	3 890,461	6,428	5,961
31	9	98 515	17 410,557	291 227,041	16,727	16,259	81	59	49 843	538,133	3 285,238	6,105	5,637
32	10	98 454	16 453,565	273 816,484	16,642	16,174	82	60	46 526	475,009	2 747,106	5,783	5,316
33	11	98 388	15 548,558	257 362,919	16,552	16,085	83	61	43 075	415,864	2 272,097	5,464	4,996
34	12	98 312	14 691,689	241 814,361	16,459	15,992	84	62	39 450	360,162	1 856,233	5,154	4,686
35	13	98 236	13 882,210	227 122,672	16,361	15,893	85	63	35 696	308,172	1 496,071	4,855	4,387
36	14	98 154	13 116,437	213 240,462	16,257	15,790	86	64	31 842	259,948	1 187,899	4,570	4,102
37	15	98 059	12 391,154	200 124,025	16,151	15,683	87	65	27 982	216,014	927,950	4,296	3,828
38	16	97 949	11 704,359	187 732,871	16,040	15,572	88	66	24 176	176,485	711,937	4,034	3,566
39	17	97 837	11 055,293	176 028,512	15,923	15,455	89	67	20 448	141,154	535,451	3,793	3,326
40	18	97 712	10 440,753	164 973,219	15,801	15,333	90	68	16 910	110,387	394,297	3,572	3,104
41	19	97 575	9 859,233	154 532,466	15,674	15,206	91	69	13 668	84,372	283,910	3,365	2,897
42	20	97 417	9 308,096	144 673,232	15,543	15,075	92	70	10 799	63,037	199,538	3,165	2,698
43	21	97 264	8 788,092	135 365,136	15,403	14,936	93	71	8 276	45,680	136,501	2,988	2,521
44	22	97 092	8 295,592	126 577,043	15,258	14,791	94	72	6 162	32,165	90,821	2,824	2,356
45	23	96 908	7 829,616	118 281,452	15,107	14,639	95	73	4 432	21,875	58,656	2,681	2,214
46	24	96 710	7 388,769	110 451,835	14,949	14,481	96	74	3 090	14,422	36,781	2,550	2,083
47	25	96 494	6 971,458	103 063,066	14,784	14,316	97	75	2 079	9,178	22,359	2,436	1,969
48	26	96 251	6 575,746	96 091,608	14,613	14,145	98	76	1 359	5,673	13,181	2,324	1,856
49	27	95 981	6 200,775	89 515,862	14,436	13,969	99	77	861	3,399	7,508	2,209	1,741
							100	78	521	1,943	4,109	2,115	1,648

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	5 846,397	83 393,054	14,264	13,796
1							51	28	95 371	5 509,587	77 546,658	14,075	13,607
2							52	29	95 008	5 190,135	72 037,071	13,880	13,412
3							53	30	94 605	4 887,110	66 846,936	13,678	13,211
4							54	31	94 151	4 599,219	61 959,826	13,472	13,004
5							55	32	93 649	4 325,968	57 360,606	13,260	12,792
6							56	33	93 085	4 066,121	53 034,638	13,043	12,575
7							57	34	92 463	3 819,340	48 968,517	12,821	12,354
8							58	35	91 775	3 584,767	45 149,178	12,595	12,127
9							59	36	91 023	3 362,097	41 564,411	12,363	11,895
10							60	37	90 189	3 150,158	38 202,314	12,127	11,660
11							61	38	89 282	2 948,922	35 052,156	11,886	11,419
12							62	39	88 288	2 757,511	32 103,234	11,642	11,175
13							63	40	87 193	2 575,251	29 345,724	11,395	10,928
14							64	41	86 009	2 402,156	26 770,473	11,144	10,677
15							65	42	84 732	2 237,797	24 368,317	10,889	10,422
16							66	43	83 363	2 081,952	22 130,520	10,630	10,162
17							67	44	81 890	1 933,941	20 048,568	10,367	9,899
18							68	45	80 333	1 794,023	18 114,627	10,097	9,630
19							69	46	78 671	1 661,370	16 320,604	9,824	9,356
20							70	47	76 921	1 536,093	14 659,234	9,543	9,076
21							71	48	75 092	1 418,026	13 123,141	9,255	8,787
22							72	49	73 108	1 305,500	11 705,115	8,966	8,498
23	0	99 247	27 432,689	472 507,005	17,224	16,757	73	50	71 066	1 200,043	10 399,615	8,666	8,198
24	1	98 918	25 855,190	445 074,316	17,214	16,747	74	51	68 890	1 100,045	9 199,572	8,363	7,895
25	2	98 851	24 432,717	419 219,127	17,158	16,691	75	52	66 603	1 005,700	8 099,527	8,054	7,586
26	3	98 794	23 090,985	394 786,409	17,097	16,629	76	53	64 181	916,431	7 093,827	7,741	7,273
27	4	98 741	21 823,649	371 695,424	17,032	16,564	77	54	61 625	832,082	6 177,396	7,424	6,956
28	5	98 688	20 625,840	349 871,775	16,963	16,495	78	55	58 981	753,079	5 345,315	7,098	6,630
29	6	98 635	19 493,995	329 245,935	16,890	16,422	79	56	56 168	678,167	4 592,236	6,772	6,304
30	7	98 579	18 423,598	309 751,941	16,813	16,345	80	57	53 208	607,505	3 914,068	6,443	5,975
31	8	98 523	17 411,812	291 328,343	16,732	16,264	81	58	50 051	540,388	3 306,563	6,119	5,651
32	9	98 459	16 454,440	273 916,530	16,647	16,179	82	59	46 742	477,220	2 766,175	5,796	5,329
33	10	98 394	15 549,422	257 462,091	16,558	16,090	83	60	43 297	418,007	2 288,955	5,476	5,008
34	11	98 319	14 692,819	241 912,669	16,465	15,997	84	61	39 672	362,186	1 870,948	5,166	4,698
35	12	98 242	13 883,087	227 219,849	16,367	15,899	85	62	35 916	310,070	1 508,762	4,866	4,398
36	13	98 162	13 117,474	213 336,762	16,264	15,796	86	63	32 059	261,717	1 198,692	4,580	4,113
37	14	98 068	12 392,297	200 219,288	16,157	15,689	87	64	28 191	217,626	936,975	4,305	3,838
38	15	97 961	11 705,714	187 826,991	16,046	15,578	88	65	24 371	177,911	719,349	4,043	3,576
39	16	97 850	11 056,706	176 121,277	15,929	15,461	89	66	20 628	142,401	541,438	3,802	3,335
40	17	97 724	10 442,107	165 064,570	15,808	15,340	90	67	17 070	111,430	399,036	3,581	3,113
41	18	97 591	9 860,834	154 622,463	15,680	15,213	91	68	13 809	85,242	287,607	3,374	2,906
42	19	97 433	9 309,627	144 761,629	15,550	15,082	92	69	10 925	63,773	202,364	3,173	2,706
43	20	97 280	8 789,531	135 452,003	15,411	14,943	93	70	8 381	46,261	138,591	2,996	2,528
44	21	97 109	8 297,001	126 662,472	15,266	14,798	94	71	6 249	32,615	92,330	2,831	2,363
45	22	96 924	7 830,930	118 365,471	15,115	14,648	95	72	4 499	22,207	59,715	2,689	2,221
46	23	96 725	7 389,978	110 534,541	14,957	14,490	96	73	3 142	14,668	37,508	2,557	2,090
47	24	96 510	6 972,604	103 144,563	14,793	14,325	97	74	2 118	9,348	22,841	2,443	1,976
48	25	96 269	6 577,025	96 171,960	14,622	14,155	98	75	1 387	5,789	13,493	2,331	1,863
49	26	95 998	6 201,880	89 594,935	14,446	13,979	99	76	881	3,476	7,703	2,216	1,749
							100	77	533	1,991	4,227	2,124	1,656

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	5 847,439	83 463,992	14,274	13,806
1							51	27	95 391	5 510,743	77 616,553	14,085	13,617
2							52	28	95 030	5 191,370	72 105,810	13,890	13,422
3							53	29	94 628	4 888,317	66 914,440	13,689	13,221
4							54	30	94 178	4 600,520	62 026,124	13,482	13,015
5							55	31	93 679	4 327,362	57 425,603	13,270	12,803
6							56	32	93 117	4 067,487	53 098,242	13,054	12,587
7							57	33	92 496	3 820,678	49 030,755	12,833	12,365
8							58	34	91 810	3 586,136	45 210,077	12,607	12,139
9							59	35	91 066	3 363,667	41 623,941	12,375	11,907
10							60	36	90 232	3 151,661	38 260,274	12,140	11,672
11							61	37	89 328	2 950,412	35 108,613	11,900	11,432
12							62	38	88 337	2 759,040	32 158,201	11,656	11,188
13							63	39	87 250	2 576,928	29 399,161	11,409	10,941
14							64	40	86 064	2 403,678	26 822,234	11,159	10,691
15							65	41	84 794	2 239,438	24 418,556	10,904	10,436
16							66	42	83 431	2 083,633	22 179,118	10,644	10,177
17							67	43	81 963	1 935,675	20 095,485	10,382	9,914
18							68	44	80 409	1 795,721	18 159,810	10,113	9,645
19							69	45	78 755	1 663,159	16 364,089	9,839	9,372
20							70	46	77 012	1 537,914	14 700,930	9,559	9,091
21							71	47	75 189	1 419,871	13 163,016	9,271	8,803
22							72	48	73 219	1 307,483	11 743,145	8,981	8,514
23							73	49	71 186	1 202,068	10 435,661	8,681	8,214
24	0	99 205	25 930,177	445 257,276	17,171	16,704	74	50	69 018	1 102,077	9 233,593	8,378	7,911
25	1	98 873	24 438,153	419 327,100	17,159	16,691	75	51	66 742	1 007,793	8 131,517	8,069	7,601
26	2	98 807	23 094,020	394 888,947	17,099	16,632	76	52	64 323	918,455	7 123,723	7,756	7,289
27	3	98 751	21 825,825	371 794,927	17,035	16,567	77	53	61 778	834,149	6 205,268	7,439	6,971
28	4	98 697	20 627,739	349 969,102	16,966	16,498	78	54	59 144	755,159	5 371,119	7,113	6,645
29	5	98 642	19 495,319	329 341,363	16,893	16,426	79	55	56 343	680,285	4 615,960	6,785	6,318
30	6	98 586	18 424,943	309 846,044	16,817	16,349	80	56	53 389	609,566	3 935,676	6,457	5,989
31	7	98 527	17 412,642	291 421,101	16,736	16,269	81	57	50 240	542,426	3 326,109	6,132	5,664
32	8	98 466	16 455,626	274 008,460	16,651	16,184	82	58	46 938	479,220	2 783,684	5,809	5,341
33	9	98 399	15 550,248	257 552,834	16,563	16,095	83	59	43 498	419,953	2 304,463	5,487	5,020
34	10	98 325	14 693,636	242 002,585	16,470	16,002	84	60	39 876	364,052	1 884,510	5,176	4,709
35	11	98 250	13 884,155	227 308,949	16,372	15,904	85	61	36 118	311,812	1 520,458	4,876	4,409
36	12	98 168	13 118,303	213 424,794	16,269	15,802	86	62	32 256	263,330	1 208,646	4,590	4,122
37	13	98 075	12 393,277	200 306,491	16,163	15,695	87	63	28 382	219,107	945,317	4,314	3,847
38	14	97 970	11 706,794	187 913,215	16,052	15,584	88	64	24 553	179,239	726,209	4,052	3,584
39	15	97 861	11 057,987	176 206,420	15,935	15,467	89	65	20 795	143,552	546,970	3,810	3,343
40	16	97 737	10 443,442	165 148,434	15,814	15,346	90	66	17 221	112,414	403,419	3,589	3,121
41	17	97 603	9 862,113	154 704,992	15,687	15,219	91	67	13 940	86,047	291,004	3,382	2,914
42	18	97 449	9 311,138	144 842,879	15,556	15,088	92	68	11 038	64,431	204,957	3,181	2,713
43	19	97 296	8 790,976	135 531,741	15,417	14,950	93	69	8 479	46,801	140,526	3,003	2,535
44	20	97 124	8 298,359	126 740,765	15,273	14,805	94	70	6 328	33,030	93,725	2,838	2,370
45	21	96 940	7 832,260	118 442,406	15,122	14,655	95	71	4 562	22,518	60,695	2,695	2,228
46	22	96 742	7 391,218	110 610,146	14,965	14,498	96	72	3 190	14,890	38,177	2,564	2,096
47	23	96 526	6 973,744	103 218,928	14,801	14,334	97	73	2 154	9,507	23,287	2,449	1,982
48	24	96 285	6 578,105	96 245,184	14,631	14,164	98	74	1 413	5,897	13,780	2,337	1,869
49	25	96 017	6 203,086	89 667,079	14,455	13,988	99	75	899	3,547	7,884	2,222	1,755
							100	76	545	2,036	4,336	2,130	1,663

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	5 848,576	83 528,702	14,282	13,814
1							51	26	95 408	5 511,725	77 680,126	14,094	13,626
2							52	27	95 050	5 192,459	72 168,401	13,899	13,431
3							53	28	94 650	4 889,480	66 975,941	13,698	13,230
4							54	29	94 201	4 601,656	62 086,461	13,492	13,025
5							55	30	93 706	4 328,586	57 484,805	13,280	12,813
6							56	31	93 147	4 068,797	53 156,219	13,064	12,597
7							57	32	92 527	3 821,962	49 087,422	12,844	12,376
8							58	33	91 842	3 587,392	45 265,461	12,618	12,150
9							59	34	91 101	3 364,952	41 678,068	12,386	11,918
10							60	35	90 274	3 153,133	38 313,116	12,151	11,683
11							61	36	89 370	2 951,819	35 159,983	11,911	11,444
12							62	37	88 381	2 760,433	32 208,164	11,668	11,200
13							63	38	87 298	2 578,356	29 447,730	11,421	10,954
14							64	39	86 120	2 405,243	26 869,374	11,171	10,704
15							65	40	84 847	2 240,857	24 464,131	10,917	10,450
16							66	41	83 492	2 085,161	22 223,274	10,658	10,190
17							67	42	82 029	1 937,238	20 138,113	10,395	9,928
18							68	43	80 481	1 797,331	18 200,875	10,127	9,659
19							69	44	78 830	1 664,734	16 403,544	9,854	9,386
20							70	45	77 095	1 539,570	14 738,810	9,573	9,106
21							71	46	75 278	1 421,555	13 199,240	9,285	8,817
22							72	47	73 314	1 309,185	11 777,686	8,996	8,529
23							73	48	71 294	1 203,894	10 468,501	8,696	8,228
24							74	49	69 134	1 103,936	9 264,607	8,392	7,925
25	0	99 160	24 509,030	419 496,534	17,116	16,648	75	50	66 865	1 009,655	8 160,671	8,083	7,615
26	1	98 829	23 099,157	394 987,504	17,100	16,632	76	51	64 457	920,366	7 151,016	7,770	7,302
27	2	98 764	21 828,693	371 888,347	17,037	16,569	77	52	61 914	835,992	6 230,650	7,453	6,985
28	3	98 706	20 629,796	350 059,654	16,969	16,501	78	53	59 291	757,035	5 394,658	7,126	6,658
29	4	98 651	19 497,114	329 429,858	16,896	16,429	79	54	56 499	682,164	4 637,623	6,798	6,331
30	5	98 593	18 426,195	309 932,744	16,820	16,353	80	55	53 556	611,469	3 955,459	6,469	6,001
31	6	98 534	17 413,913	291 506,549	16,740	16,272	81	56	50 411	544,266	3 343,990	6,144	5,676
32	7	98 471	16 456,409	274 092,636	16,656	16,188	82	57	47 115	481,027	2 799,724	5,820	5,353
33	8	98 406	15 551,369	257 636,227	16,567	16,099	83	58	43 681	421,713	2 318,697	5,498	5,031
34	9	98 330	14 694,417	242 084,857	16,475	16,007	84	59	40 062	365,747	1 896,983	5,187	4,719
35	10	98 255	13 884,927	227 390,440	16,377	15,909	85	60	36 304	313,419	1 531,236	4,886	4,418
36	11	98 176	13 119,312	213 505,513	16,274	15,807	86	61	32 437	264,809	1 217,817	4,599	4,131
37	12	98 082	12 394,060	200 386,201	16,168	15,700	87	62	28 557	220,457	953,008	4,323	3,855
38	13	97 978	11 707,720	187 992,141	16,057	15,590	88	63	24 720	180,459	732,552	4,059	3,592
39	14	97 870	11 059,007	176 284,422	15,940	15,473	89	64	20 950	144,623	552,093	3,817	3,350
40	15	97 748	10 444,651	165 225,415	15,819	15,352	90	65	17 360	113,323	407,470	3,596	3,128
41	16	97 616	9 863,374	154 780,764	15,692	15,225	91	66	14 063	86,808	294,147	3,388	2,921
42	17	97 462	9 312,345	144 917,390	15,562	15,094	92	67	11 142	65,039	207,339	3,188	2,720
43	18	97 311	8 792,403	135 605,045	15,423	14,955	93	68	8 566	47,283	142,300	3,010	2,542
44	19	97 140	8 299,723	126 812,642	15,279	14,812	94	69	6 402	33,416	95,017	2,843	2,376
45	20	96 956	7 833,542	118 512,919	15,129	14,661	95	70	4 620	22,804	61,601	2,701	2,234
46	21	96 758	7 392,473	110 679,376	14,972	14,504	96	71	3 235	15,099	38,797	2,570	2,102
47	22	96 542	6 974,914	103 286,903	14,808	14,341	97	72	2 187	9,651	23,698	2,455	1,988
48	23	96 301	6 579,181	96 311,989	14,639	14,171	98	73	1 437	5,997	14,047	2,342	1,875
49	24	96 032	6 204,106	89 732,807	14,463	13,996	99	74	915	3,613	8,050	2,228	1,760
							100	75	557	2,077	4,437	2,136	1,668

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 720 208,491	17,202	16,734	50	50	94 198	5 113,882	67 362,821	13,173	12,705
1	1	99 373	93 748,297	1 620 208,491	17,283	16,815	51	51	93 723	4 800,047	62 248,939	12,968	12,500
2	2	99 327	88 400,749	1 526 460,194	17,268	16,800	52	52	93 193	4 502,775	57 448,892	12,759	12,291
3	3	99 301	83 374,882	1 438 059,445	17,248	16,780	53	53	92 616	4 221,599	52 946,117	12,542	12,074
4	4	99 279	78 638,385	1 354 684,562	17,227	16,759	54	54	91 970	3 954,837	48 724,518	12,320	11,852
5	5	99 259	74 171,862	1 276 046,178	17,204	16,736	55	55	91 257	3 702,067	44 769,681	12,093	11,625
6	6	99 243	69 962,342	1 201 874,316	17,179	16,711	56	56	90 456	3 461,847	41 067,614	11,863	11,395
7	7	99 227	65 991,447	1 131 911,974	17,152	16,684	57	57	89 579	3 234,234	37 605,767	11,627	11,159
8	8	99 212	62 247,067	1 065 920,526	17,124	16,656	58	58	88 612	3 018,214	34 371,532	11,388	10,920
9	9	99 198	58 714,944	1 003 673,459	17,094	16,626	59	59	87 560	2 813,587	31 353,319	11,144	10,676
10	10	99 184	55 384,067	944 958,514	17,062	16,594	60	60	86 397	2 619,067	28 539,732	10,897	10,429
11	11	99 172	52 242,324	889 574,447	17,028	16,560	61	61	85 133	2 434,665	25 920,664	10,647	10,179
12	12	99 157	49 278,016	837 332,123	16,992	16,524	62	62	83 762	2 259,829	23 485,999	10,393	9,925
13	13	99 142	46 481,641	788 054,107	16,954	16,486	63	63	82 269	2 093,959	21 226,171	10,137	9,669
14	14	99 125	43 843,064	741 572,466	16,914	16,446	64	64	80 655	1 936,661	19 132,212	9,879	9,411
15	15	99 104	41 352,456	697 729,402	16,873	16,405	65	65	78 926	1 787,871	17 195,551	9,618	9,150
16	16	99 077	39 001,172	656 376,946	16,830	16,363	66	66	77 091	1 647,468	15 407,680	9,352	8,884
17	17	99 041	36 780,442	617 375,774	16,785	16,317	67	67	75 132	1 514,723	13 760,211	9,084	8,616
18	18	99 002	34 684,781	580 595,332	16,739	16,271	68	68	73 083	1 390,017	12 245,489	8,810	8,342
19	19	98 948	32 703,552	545 910,551	16,693	16,225	69	69	70 917	1 272,466	10 855,472	8,531	8,063
20	20	98 892	30 834,888	513 206,999	16,644	16,176	70	70	68 620	1 161,563	9 583,006	8,250	7,782
21	21	98 835	29 072,754	482 372,111	16,592	16,124	71	71	66 234	1 057,701	8 421,444	7,962	7,494
22	22	98 778	27 411,379	453 299,356	16,537	16,069	72	72	63 690	959,507	7 363,742	7,675	7,207
23	23	98 720	25 844,613	425 887,978	16,479	16,011	73	73	61 089	868,228	6 404,236	7,376	6,908
24	24	98 662	24 367,479	400 043,365	16,417	15,949	74	74	58 335	782,156	5 536,007	7,078	6,610
25	25	98 601	22 973,883	375 675,886	16,352	15,884	75	75	55 488	701,868	4 753,851	6,773	6,305
26	26	98 538	21 659,690	352 702,002	16,284	15,816	76	76	52 510	626,603	4 051,983	6,467	5,999
27	27	98 477	20 421,025	331 042,312	16,211	15,743	77	77	49 424	556,396	3 425,381	6,156	5,688
28	28	98 412	19 252,415	310 621,287	16,134	15,666	78	78	46 298	491,709	2 868,985	5,835	5,367
29	29	98 343	18 149,934	291 368,872	16,053	15,585	79	79	43 025	431,075	2 377,277	5,515	5,047
30	30	98 271	17 109,909	273 218,938	15,968	15,500	80	80	39 636	374,646	1 946,202	5,195	4,727
31	31	98 191	16 128,337	256 109,029	15,879	15,411	81	81	36 105	321,955	1 571,556	4,881	4,413
32	32	98 103	15 201,788	239 980,691	15,786	15,318	82	82	32 491	273,327	1 249,601	4,572	4,104
33	33	98 010	14 327,734	224 778,904	15,688	15,220	83	83	28 815	228,682	976,274	4,269	3,801
34	34	97 907	13 502,523	210 451,170	15,586	15,118	84	84	25 074	187,727	747,592	3,982	3,514
35	35	97 801	12 724,417	196 948,647	15,478	15,010	85	85	21 372	150,952	559,865	3,709	3,241
36	36	97 682	11 989,503	184 224,230	15,365	14,897	86	86	17 779	118,469	408,913	3,452	2,984
37	37	97 549	11 295,474	172 234,727	15,248	14,780	87	87	14 398	90,509	290,444	3,209	2,741
38	38	97 402	10 640,103	160 939,252	15,126	14,658	88	88	11 298	66,999	199,935	2,984	2,516
39	39	97 249	10 022,077	150 299,150	14,997	14,529	89	89	8 548	47,822	132,935	2,780	2,312
40	40	97 074	9 437,729	140 277,072	14,863	14,395	90	90	6 217	32,811	85,114	2,594	2,126
41	41	96 892	8 886,869	130 839,344	14,723	14,255	91	91	4 330	21,559	52,303	2,426	1,958
42	42	96 681	8 365,540	121 952,475	14,578	14,110	92	92	2 887	13,559	30,744	2,267	1,799
43	43	96 466	7 874,496	113 586,936	14,425	13,957	93	93	1 819	8,061	17,185	2,132	1,664
44	44	96 226	7 410,280	105 712,440	14,266	13,798	94	94	1 086	4,540	9,123	2,010	1,542
45	45	95 968	6 972,108	98 302,160	14,099	13,631	95	95	611	2,409	4,584	1,903	1,435
46	46	95 685	6 558,037	91 330,052	13,926	13,458	96	96	323	1,202	2,175	1,809	1,341
47	47	95 375	6 166,755	84 772,015	13,747	13,279	97	97	160	0,560	0,973	1,737	1,269
48	48	95 029	5 796,587	78 605,260	13,561	13,093	98	98	75	0,249	0,413	1,660	1,192
49	49	94 635	5 445,852	72 808,673	13,370	12,902	99	99	33	0,103	0,164	1,585	1,117
							100	100	13	0,040	0,061	1,524	1,057

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	1 719 117,108	17,241	16,773	50	51	94 025	5 104,452	66 847,136	13,096	12,628
1	2	99 351	93 727,446	1 619 406,295	17,278	16,810	51	52	93 528	4 790,080	61 742,684	12,890	12,422
2	3	99 314	88 389,133	1 525 678,849	17,261	16,793	52	53	92 988	4 492,849	56 952,604	12,676	12,208
3	4	99 291	83 366,570	1 437 289,716	17,241	16,773	53	54	92 387	4 211,136	52 459,755	12,457	11,989
4	5	99 270	78 631,146	1 353 923,146	17,219	16,751	54	55	91 717	3 943,944	48 248,620	12,234	11,766
5	6	99 252	74 166,823	1 275 292,000	17,195	16,727	55	56	90 973	3 690,545	44 304,675	12,005	11,537
6	7	99 236	69 957,234	1 201 125,178	17,169	16,701	56	57	90 150	3 450,141	40 614,130	11,772	11,304
7	8	99 222	65 988,304	1 131 167,944	17,142	16,674	57	58	89 242	3 222,085	37 163,990	11,534	11,066
8	9	99 205	62 242,581	1 065 179,640	17,113	16,645	58	59	88 242	3 005,617	33 941,904	11,293	10,825
9	10	99 192	58 711,824	1 002 937,058	17,082	16,614	59	60	87 154	2 800,547	30 936,287	11,047	10,579
10	11	99 179	55 380,988	944 225,235	17,050	16,582	60	61	85 954	2 605,640	28 135,740	10,798	10,330
11	12	99 164	52 238,307	888 844,247	17,015	16,547	61	62	84 657	2 421,065	25 530,100	10,545	10,077
12	13	99 151	49 274,901	836 605,940	16,978	16,510	62	63	83 248	2 245,994	23 109,035	10,289	9,821
13	14	99 134	46 477,967	787 331,038	16,940	16,472	63	64	81 713	2 079,803	20 863,041	10,031	9,563
14	15	99 116	43 839,019	740 853,072	16,899	16,431	64	65	80 057	1 922,312	18 783,238	9,771	9,303
15	16	99 092	41 347,669	697 014,052	16,857	16,389	65	66	78 293	1 773,544	16 860,926	9,507	9,039
16	17	99 064	38 996,186	655 666,383	16,814	16,346	66	67	76 416	1 633,040	15 087,382	9,239	8,771
17	18	99 029	36 775,674	616 670,197	16,768	16,300	67	68	74 429	1 500,548	13 454,341	8,966	8,498
18	19	98 986	34 679,151	579 894,523	16,722	16,254	68	69	72 338	1 375,833	11 953,793	8,688	8,220
19	20	98 932	32 698,176	545 215,372	16,674	16,206	69	70	70 098	1 257,774	10 577,960	8,410	7,942
20	21	98 875	30 829,841	512 517,196	16,624	16,156	70	71	67 759	1 146,983	9 320,187	8,126	7,658
21	22	98 818	29 067,818	481 687,355	16,571	16,103	71	72	65 319	1 043,089	8 173,204	7,836	7,368
22	23	98 761	27 406,780	452 619,537	16,515	16,047	72	73	62 738	945,164	7 130,114	7,544	7,076
23	24	98 704	25 840,386	425 212,757	16,455	15,987	73	74	60 066	853,698	6 184,950	7,245	6,777
24	25	98 646	24 363,476	399 372,372	16,392	15,924	74	75	57 274	767,927	5 331,253	6,942	6,474
25	26	98 582	22 969,417	375 008,895	16,326	15,858	75	76	54 371	687,747	4 563,326	6,635	6,167
26	27	98 521	21 655,830	352 039,478	16,256	15,788	76	77	51 346	612,724	3 875,579	6,325	5,857
27	28	98 457	20 416,742	330 383,649	16,182	15,714	77	78	48 241	543,076	3 262,855	6,008	5,540
28	29	98 389	19 247,833	309 966,907	16,104	15,636	78	79	45 039	478,330	2 719,779	5,686	5,218
29	30	98 319	18 145,455	290 719,074	16,022	15,554	79	80	41 699	417,794	2 241,448	5,365	4,897
30	31	98 243	17 105,071	272 573,618	15,935	15,467	80	81	38 238	361,435	1 823,654	5,046	4,578
31	32	98 159	16 123,144	255 468,548	15,845	15,377	81	82	34 646	308,943	1 462,219	4,733	4,265
32	33	98 070	15 196,681	239 345,404	15,750	15,282	82	83	30 964	260,480	1 153,276	4,428	3,960
33	34	97 976	14 322,716	224 148,722	15,650	15,182	83	84	27 224	216,059	892,796	4,132	3,664
34	35	97 870	13 497,368	209 826,007	15,546	15,078	84	85	23 474	175,752	676,736	3,851	3,383
35	36	97 755	12 718,476	196 328,639	15,436	14,969	85	86	19 797	139,827	500,984	3,583	3,115
36	37	97 635	11 983,786	183 610,164	15,322	14,854	86	87	16 263	108,367	361,157	3,333	2,865
37	38	97 499	11 289,771	171 626,378	15,202	14,734	87	88	12 971	81,540	252,790	3,100	2,632
38	39	97 348	10 634,207	160 336,607	15,077	14,609	88	89	10 018	59,408	171,250	2,883	2,415
39	40	97 186	10 015,557	149 702,400	14,947	14,479	89	90	7 447	41,662	111,842	2,685	2,217
40	41	97 012	9 431,753	139 686,843	14,810	14,342	90	91	5 302	27,984	70,180	2,508	2,040
41	42	96 821	8 880,355	130 255,090	14,668	14,200	91	92	3 611	17,981	42,196	2,347	1,879
42	43	96 603	8 358,790	121 374,735	14,521	14,053	92	93	2 344	11,011	24,214	2,199	1,731
43	44	96 380	7 867,443	113 015,945	14,365	13,897	93	94	1 438	6,373	13,204	2,072	1,604
44	45	96 135	7 403,271	105 148,502	14,203	13,735	94	95	837	3,498	6,831	1,953	1,485
45	46	95 865	6 964,609	97 745,232	14,035	13,567	95	96	456	1,797	3,333	1,855	1,387
46	47	95 572	6 550,271	90 780,623	13,859	13,391	96	97	233	0,866	1,536	1,773	1,305
47	48	95 251	6 158,742	84 230,352	13,677	13,209	97	98	113	0,395	0,670	1,696	1,228
48	49	94 884	5 787,793	78 071,610	13,489	13,021	98	99	51	0,169	0,275	1,624	1,156
49	50	94 476	5 436,681	72 283,817	13,296	12,828	99	100	22	0,068	0,106	1,553	1,086

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	1 718 244,603	17,236	16,768	50	52	93 830	5 093,853	66 288,654	13,013	12,545
1	3	99 338	93 715,130	1 618 555,967	17,271	16,803	51	53	93 322	4 779,520	61 194,801	12,804	12,336
2	4	99 304	88 380,321	1 524 840,837	17,253	16,785	52	54	92 757	4 481,713	56 415,281	12,588	12,120
3	5	99 282	83 358,896	1 436 460,517	17,232	16,764	53	55	92 132	4 199,537	51 933,568	12,366	11,899
4	6	99 263	78 625,803	1 353 101,621	17,209	16,741	54	56	91 431	3 931,669	47 734,031	12,141	11,673
5	7	99 245	74 161,407	1 274 475,817	17,185	16,717	55	57	90 665	3 678,065	43 802,362	11,909	11,441
6	8	99 231	69 953,902	1 200 314,410	17,159	16,691	56	58	89 811	3 437,181	40 124,297	11,674	11,206
7	9	99 215	65 983,549	1 130 360,508	17,131	16,663	57	59	88 870	3 208,638	36 687,116	11,434	10,966
8	10	99 200	62 239,273	1 064 376,960	17,101	16,633	58	60	87 833	2 991,688	33 478,478	11,190	10,723
9	11	99 187	58 708,560	1 002 137,687	17,070	16,602	59	61	86 708	2 786,189	30 486,790	10,942	10,474
10	12	99 171	55 376,729	943 429,127	17,037	16,569	60	62	85 474	2 591,084	27 700,601	10,691	10,223
11	13	99 158	52 235,005	888 052,398	17,001	16,533	61	63	84 139	2 406,243	25 109,516	10,435	9,967
12	14	99 143	49 271,007	835 817,392	16,964	16,496	62	64	82 685	2 230,811	22 703,273	10,177	9,709
13	15	99 125	46 473,679	786 546,386	16,925	16,457	63	65	81 108	2 064,394	20 472,462	9,917	9,449
14	16	99 104	43 833,944	740 072,706	16,884	16,416	64	66	79 415	1 906,907	18 408,068	9,653	9,185
15	17	99 079	41 342,383	696 238,762	16,841	16,373	65	67	77 607	1 758,012	16 501,160	9,386	8,918
16	18	99 051	38 991,130	654 896,379	16,796	16,328	66	68	75 701	1 617,758	14 743,149	9,113	8,645
17	19	99 012	36 769,704	615 905,249	16,750	16,282	67	69	73 670	1 485,236	13 125,390	8,837	8,369
18	20	98 970	34 673,451	579 135,545	16,703	16,235	68	70	71 502	1 359,947	11 640,154	8,559	8,091
19	21	98 915	32 692,824	544 462,094	16,654	16,186	69	71	69 218	1 241,986	10 280,207	8,277	7,809
20	22	98 859	30 824,606	511 769,270	16,603	16,135	70	72	66 823	1 131,138	9 038,220	7,990	7,522
21	23	98 801	29 062,941	480 944,663	16,548	16,080	71	73	64 342	1 027,497	7 907,083	7,695	7,228
22	24	98 745	27 402,297	451 881,722	16,491	16,023	72	74	61 688	929,346	6 879,585	7,403	6,935
23	25	98 688	25 836,141	424 479,425	16,430	15,962	73	75	58 974	838,167	5 950,239	7,099	6,631
24	26	98 627	24 358,740	398 643,284	16,366	15,898	74	76	56 121	752,476	5 112,072	6,794	6,326
25	27	98 564	22 965,323	374 284,545	16,298	15,830	75	77	53 167	672,514	4 359,596	6,483	6,015
26	28	98 500	21 651,287	351 319,222	16,226	15,758	76	78	50 117	598,057	3 687,082	6,165	5,697
27	29	98 433	20 411,883	329 667,934	16,151	15,683	77	79	46 928	528,301	3 089,026	5,847	5,379
28	30	98 365	19 243,083	309 256,051	16,071	15,603	78	80	43 651	463,594	2 560,725	5,524	5,056
29	31	98 291	18 140,324	290 012,968	15,987	15,519	79	81	40 229	403,062	2 097,131	5,203	4,735
30	32	98 211	17 099,563	271 872,644	15,899	15,431	80	82	36 693	346,828	1 694,069	4,884	4,417
31	33	98 126	16 117,728	254 773,081	15,807	15,339	81	83	33 018	294,422	1 347,242	4,576	4,108
32	34	98 036	15 191,359	238 655,353	15,710	15,242	82	84	29 255	246,103	1 052,819	4,278	3,810
33	35	97 938	14 317,247	223 463,994	15,608	15,140	83	85	25 488	202,277	806,717	3,988	3,520
34	36	97 824	13 491,065	209 146,747	15,503	15,035	84	86	21 744	162,801	604,439	3,713	3,245
35	37	97 709	12 712,411	195 655,682	15,391	14,923	85	87	18 108	127,903	441,639	3,453	2,985
36	38	97 586	11 977,735	182 943,271	15,274	14,806	86	88	14 651	97,628	313,736	3,214	2,746
37	39	97 445	11 283,515	170 965,536	15,152	14,684	87	89	11 502	72,302	216,108	2,989	2,521
38	40	97 285	10 627,288	159 682,021	15,026	14,558	88	90	8 727	51,756	143,806	2,779	2,311
39	41	97 124	10 009,215	149 054,733	14,892	14,424	89	91	6 351	35,533	92,050	2,591	2,123
40	42	96 941	9 424,840	139 045,518	14,753	14,285	90	92	4 422	23,341	56,518	2,421	1,953
41	43	96 743	8 873,190	129 620,677	14,608	14,140	91	93	2 933	14,602	33,177	2,272	1,804
42	44	96 516	8 351,303	120 747,487	14,459	13,991	92	94	1 853	8,705	18,575	2,134	1,666
43	45	96 289	7 860,001	112 396,184	14,300	13,832	93	95	1 108	4,911	9,871	2,010	1,542
44	46	96 032	7 395,307	104 536,183	14,135	13,668	94	96	624	2,609	4,960	1,901	1,433
45	47	95 752	6 956,361	97 140,876	13,964	13,496	95	97	328	1,295	2,351	1,816	1,348
46	48	95 447	6 541,760	90 184,515	13,786	13,318	96	98	164	0,611	1,057	1,730	1,262
47	49	95 106	6 149,398	83 642,755	13,602	13,134	97	99	77	0,269	0,446	1,657	1,189
48	50	94 725	5 778,046	77 493,356	13,412	12,944	98	100	34	0,111	0,177	1,590	1,122
49	51	94 302	5 426,656	71 715,310	13,215	12,747							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	1 717 320,157	17,229	16,761	50	53	93 623	5 082,624	65 685,119	12,923	12,456
1	4	99 328	93 705,786	1 617 644,620	17,263	16,795	51	54	93 091	4 767,674	60 602,495	12,711	12,243
2	5	99 295	88 372,185	1 523 938,834	17,245	16,777	52	55	92 502	4 469,369	55 834,821	12,493	12,025
3	6	99 275	83 353,232	1 435 566,649	17,223	16,755	53	56	91 846	4 186,467	51 365,453	12,269	11,801
4	7	99 256	78 620,062	1 352 213,417	17,199	16,731	54	57	91 122	3 918,374	47 178,986	12,040	11,572
5	8	99 240	74 157,875	1 273 593,354	17,174	16,706	55	58	90 325	3 664,249	43 260,612	11,806	11,338
6	9	99 224	69 948,860	1 199 435,479	17,147	16,679	56	59	89 436	3 422,836	39 596,363	11,568	11,100
7	10	99 210	65 980,042	1 129 486,619	17,119	16,651	57	60	88 458	3 193,767	36 173,527	11,326	10,858
8	11	99 194	62 235,813	1 063 506,577	17,088	16,620	58	61	87 382	2 976,350	32 979,760	11,081	10,613
9	12	99 179	58 704,045	1 001 270,764	17,056	16,588	59	62	86 223	2 770,625	30 003,410	10,829	10,361
10	13	99 165	55 373,229	942 566,719	17,022	16,554	60	63	84 951	2 575,222	27 232,785	10,575	10,107
11	14	99 150	52 230,877	887 193,490	16,986	16,518	61	64	83 570	2 389,976	24 657,563	10,317	9,849
12	15	99 134	49 266,461	834 962,613	16,948	16,480	62	65	82 072	2 214,283	22 267,586	10,056	9,588
13	16	99 114	46 468,299	785 696,152	16,908	16,440	63	66	80 458	2 047,851	20 053,303	9,792	9,324
14	17	99 092	43 828,340	739 227,853	16,866	16,398	64	67	78 720	1 890,207	18 005,452	9,526	9,058
15	18	99 067	41 337,023	695 399,512	16,823	16,355	65	68	76 881	1 741,560	16 115,245	9,253	8,785
16	19	99 035	38 984,801	654 062,490	16,777	16,309	66	69	74 928	1 601,251	14 373,684	8,977	8,509
17	20	98 996	36 763,661	615 077,689	16,731	16,263	67	70	72 819	1 468,087	12 772,434	8,700	8,232
18	21	98 954	34 667,775	578 314,028	16,682	16,214	68	71	70 605	1 342,878	11 304,346	8,418	7,950
19	22	98 899	32 687,273	543 646,253	16,632	16,164	69	72	68 262	1 224,829	9 961,469	8,133	7,665
20	23	98 842	30 819,435	510 958,980	16,579	16,111	70	73	65 824	1 114,230	8 736,640	7,841	7,373
21	24	98 785	29 058,188	480 139,545	16,523	16,055	71	74	63 266	1 010,301	7 622,410	7,545	7,077
22	25	98 729	27 397,796	451 081,357	16,464	15,996	72	75	60 566	912,439	6 612,109	7,247	6,779
23	26	98 668	25 831,118	423 683,562	16,402	15,934	73	76	57 787	821,303	5 699,670	6,940	6,472
24	27	98 609	24 354,398	397 852,444	16,336	15,868	74	77	54 878	735,810	4 878,367	6,630	6,162
25	28	98 544	22 960,506	373 498,045	16,267	15,799	75	78	51 894	656,415	4 142,557	6,311	5,843
26	29	98 477	21 646,135	350 537,540	16,194	15,726	76	79	48 754	581,785	3 486,142	5,992	5,524
27	30	98 409	20 406,846	328 891,405	16,117	15,649	77	80	45 482	512,025	2 904,357	5,672	5,204
28	31	98 337	19 237,642	308 484,559	16,035	15,568	78	81	42 112	447,247	2 392,332	5,349	4,881
29	32	98 260	18 134,483	289 246,917	15,950	15,482	79	82	38 603	386,772	1 945,086	5,029	4,561
30	33	98 178	17 093,819	271 112,434	15,860	15,392	80	83	34 968	330,526	1 558,313	4,715	4,247
31	34	98 092	16 112,083	254 018,616	15,766	15,298	81	84	31 195	278,171	1 227,787	4,414	3,946
32	35	97 998	15 185,559	237 906,532	15,667	15,199	82	85	27 389	230,404	949,616	4,122	3,654
33	36	97 893	14 310,562	222 720,973	15,563	15,095	83	86	23 610	187,371	719,212	3,838	3,370
34	37	97 777	13 484,632	208 410,411	15,455	14,987	84	87	19 890	148,917	531,841	3,571	3,103
35	38	97 659	12 705,992	194 925,779	15,341	14,873	85	88	16 314	115,229	382,924	3,323	2,855
36	39	97 532	11 971,098	182 219,787	15,222	14,754	86	89	12 991	86,566	267,695	3,092	2,624
37	40	97 382	11 276,174	170 248,690	15,098	14,630	87	90	10 020	62,989	181,129	2,876	2,408
38	41	97 223	10 620,559	158 972,516	14,968	14,500	88	91	7 443	44,142	118,140	2,676	2,208
39	42	97 053	10 001,879	148 351,957	14,832	14,364	89	92	5 297	29,637	73,999	2,497	2,029
40	43	96 863	9 417,236	138 350,077	14,691	14,223	90	93	3 591	18,954	44,362	2,341	1,873
41	44	96 657	8 865,242	128 932,841	14,544	14,076	91	94	2 318	11,543	25,408	2,201	1,733
42	45	96 425	8 343,404	120 067,599	14,391	13,923	92	95	1 428	6,707	13,865	2,067	1,599
43	46	96 185	7 851,546	111 724,195	14,230	13,762	93	96	826	3,662	7,157	1,954	1,487
44	47	95 918	7 386,550	103 872,649	14,062	13,594	94	97	450	1,880	3,495	1,859	1,391
45	48	95 627	6 947,322	96 486,099	13,888	13,420	95	98	232	0,913	1,615	1,769	1,301
46	49	95 303	6 531,836	89 538,777	13,708	13,240	96	99	112	0,416	0,702	1,688	1,220
47	50	94 946	6 139,042	83 006,941	13,521	13,053	97	100	50	0,177	0,286	1,620	1,152
48	51	94 550	5 767,392	76 867,899	13,328	12,860							
49	52	94 106	5 415,388	71 100,507	13,129	12,661							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	1 716 330,180	17,221	16,753	50	54	93 391	5 070,026	65 033,659	12,827	12,359
1	5	99 319	93 697,160	1 616 664,581	17,254	16,786	51	55	92 834	4 754,542	59 963,633	12,612	12,144
2	6	99 288	88 366,181	1 522 967,421	17,235	16,767	52	56	92 214	4 455,459	55 209,091	12,391	11,923
3	7	99 268	83 347,146	1 434 601,240	17,212	16,744	53	57	91 535	4 172,310	50 753,632	12,164	11,696
4	8	99 251	78 616,318	1 351 254,094	17,188	16,720	54	58	90 780	3 903,655	46 581,322	11,933	11,465
5	9	99 233	74 152,531	1 272 637,776	17,162	16,694	55	59	89 948	3 648,956	42 677,667	11,696	11,228
6	10	99 219	69 945,142	1 198 485,245	17,135	16,667	56	60	89 022	3 406,973	39 028,711	11,456	10,988
7	11	99 204	65 976,374	1 128 540,103	17,105	16,637	57	61	88 005	3 177,394	35 621,738	11,211	10,743
8	12	99 187	62 231,027	1 062 563,729	17,075	16,607	58	62	86 894	2 959,723	32 444,345	10,962	10,494
9	13	99 173	58 700,335	1 000 332,702	17,041	16,573	59	63	85 695	2 753,664	29 484,621	10,707	10,239
10	14	99 157	55 368,853	941 632,367	17,007	16,539	60	64	84 376	2 557,813	26 730,958	10,451	9,983
11	15	99 141	52 226,059	886 263,515	16,970	16,502	61	65	82 951	2 372,270	24 173,145	10,190	9,722
12	16	99 122	49 260,758	834 037,456	16,931	16,463	62	66	81 415	2 196,539	21 800,875	9,925	9,457
13	17	99 101	46 462,358	784 776,698	16,891	16,423	63	67	79 753	2 029,916	19 604,336	9,658	9,190
14	18	99 079	43 822,658	738 314,340	16,848	16,380	64	68	77 983	1 872,519	17 574,420	9,385	8,917
15	19	99 050	41 330,313	694 491,682	16,803	16,335	65	69	76 097	1 723,789	15 701,901	9,109	8,641
16	20	99 019	38 978,393	653 161,369	16,757	16,289	66	70	74 063	1 582,762	13 978,111	8,831	8,364
17	21	98 980	36 757,643	614 182,976	16,709	16,241	67	71	71 905	1 449,660	12 395,349	8,551	8,083
18	22	98 937	34 661,889	577 425,333	16,659	16,191	68	72	69 630	1 324,326	10 945,689	8,265	7,797
19	23	98 882	32 681,789	542 763,444	16,608	16,140	69	73	67 242	1 206,520	9 621,362	7,974	7,507
20	24	98 826	30 814,394	510 081,655	16,553	16,085	70	74	64 723	1 095,582	8 414,842	7,681	7,213
21	25	98 769	29 053,414	479 267,261	16,496	16,028	71	75	62 115	991,922	7 319,260	7,379	6,911
22	26	98 710	27 392,469	450 213,847	16,436	15,968	72	76	59 347	894,081	6 327,338	7,077	6,609
23	27	98 651	25 826,514	422 821,378	16,372	15,904	73	77	56 507	803,112	5 433,258	6,765	6,297
24	28	98 589	24 349,290	396 994,864	16,304	15,836	74	78	53 564	718,196	4 630,146	6,447	5,979
25	29	98 520	22 955,042	372 645,574	16,234	15,766	75	79	50 482	638,555	3 911,950	6,126	5,658
26	30	98 452	21 640,793	349 690,533	16,159	15,691	76	80	47 252	563,861	3 273,394	5,805	5,337
27	31	98 381	20 401,075	328 049,739	16,080	15,612	77	81	43 879	493,970	2 709,533	5,485	5,017
28	32	98 305	19 231,447	307 648,664	15,997	15,529	78	82	40 410	429,171	2 215,564	5,162	4,694
29	33	98 227	18 128,391	288 417,217	15,910	15,442	79	83	36 788	368,593	1 786,392	4,847	4,379
30	34	98 144	17 087,832	270 288,826	15,818	15,350	80	84	33 038	312,282	1 417,799	4,540	4,072
31	35	98 055	16 105,932	253 200,994	15,721	15,253	81	85	29 205	260,427	1 105,517	4,245	3,777
32	36	97 953	15 178,468	237 095,062	15,620	15,153	82	86	25 370	213,425	845,090	3,960	3,492
33	37	97 846	14 303,738	221 916,594	15,515	15,047	83	87	21 596	171,392	631,665	3,685	3,218
34	38	97 728	13 477,823	207 612,856	15,404	14,936	84	88	17 919	134,160	460,273	3,431	2,963
35	39	97 605	12 698,951	194 135,033	15,287	14,820	85	89	14 466	102,173	326,113	3,192	2,724
36	40	97 468	11 963,309	181 436,081	15,166	14,698	86	90	11 318	75,416	223,940	2,969	2,501
37	41	97 320	11 269,034	169 472,772	15,039	14,571	87	91	8 546	53,722	148,524	2,765	2,297
38	42	97 152	10 612,775	158 203,738	14,907	14,439	88	92	6 208	36,817	94,802	2,575	2,107
39	43	96 975	9 993,809	147 590,963	14,768	14,300	89	93	4 302	24,067	57,985	2,409	1,941
40	44	96 776	9 408,801	137 597,153	14,624	14,156	90	94	2 839	14,984	33,918	2,264	1,796
41	45	96 565	8 856,857	128 188,353	14,473	14,005	91	95	1 786	8,895	18,934	2,129	1,661
42	46	96 321	8 334,429	119 331,495	14,318	13,850	92	96	1 065	5,002	10,039	2,007	1,539
43	47	96 071	7 842,249	110 997,066	14,154	13,686	93	97	596	2,639	5,037	1,909	1,441
44	48	95 793	7 376,952	103 154,818	13,983	13,515	94	98	317	1,326	2,398	1,809	1,341
45	49	95 482	6 936,782	95 777,866	13,807	13,339	95	99	158	0,622	1,072	1,724	1,257
46	50	95 142	6 520,836	88 841,083	13,624	13,156	96	100	73	0,273	0,451	1,649	1,181
47	51	94 771	6 127,723	82 320,248	13,434	12,966							
48	52	94 354	5 755,416	76 192,525	13,238	12,770							
49	53	93 898	5 403,450	70 437,109	13,036	12,568							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	1 715 266,629	17,212	16,744	50	55	93 133	5 056,062	64 332,116	12,724	12,256
1	6	99 312	93 690,794	1 615 610,205	17,244	16,776	51	56	92 545	4 739,745	59 276,054	12,506	12,038
2	7	99 281	88 359,729	1 521 919,411	17,224	16,756	52	57	91 902	4 440,392	54 536,310	12,282	11,814
3	8	99 263	83 343,176	1 433 559,682	17,201	16,733	53	58	91 191	4 156,637	50 095,918	12,052	11,584
4	9	99 244	78 610,652	1 350 216,505	17,176	16,708	54	59	90 401	3 887,363	45 939,280	11,818	11,350
5	10	99 228	74 148,590	1 271 605,853	17,149	16,681	55	60	89 531	3 632,045	42 051,917	11,578	11,110
6	11	99 213	69 941,254	1 197 457,264	17,121	16,653	56	61	88 566	3 389,506	38 419,872	11,335	10,867
7	12	99 196	65 971,300	1 127 516,010	17,091	16,623	57	62	87 513	3 159,644	35 030,366	11,087	10,619
8	13	99 181	62 227,094	1 061 544,710	17,059	16,591	58	63	86 362	2 941,604	31 870,722	10,834	10,367
9	14	99 165	58 695,695	999 317,616	17,025	16,557	59	64	85 116	2 735,048	28 929,118	10,577	10,109
10	15	99 148	55 363,745	940 621,921	16,990	16,522	60	65	83 751	2 538,863	26 194,069	10,317	9,849
11	16	99 129	52 220,012	885 258,176	16,952	16,485	61	66	82 286	2 353,259	23 655,207	10,052	9,584
12	17	99 110	49 254,460	833 038,164	16,913	16,445	62	67	80 702	2 177,302	21 301,948	9,784	9,316
13	18	99 088	46 456,334	783 783,704	16,871	16,403	63	68	79 007	2 010,921	19 124,646	9,510	9,042
14	19	99 063	43 815,545	737 327,369	16,828	16,360	64	69	77 188	1 853,412	17 113,725	9,234	8,766
15	20	99 034	41 323,520	693 511,825	16,782	16,315	65	70	75 218	1 703,886	15 260,313	8,956	8,488
16	21	99 003	38 972,013	652 188,305	16,735	16,267	66	71	73 134	1 562,896	13 556,427	8,674	8,206
17	22	98 963	36 751,402	613 216,292	16,686	16,218	67	72	70 912	1 429,634	11 993,532	8,389	7,921
18	23	98 920	34 656,074	576 464,890	16,634	16,166	68	73	68 589	1 304,530	10 563,897	8,098	7,630
19	24	98 866	32 676,443	541 808,817	16,581	16,113	69	74	66 116	1 186,328	9 259,367	7,805	7,337
20	25	98 810	30 809,332	509 132,373	16,525	16,057	70	75	63 545	1 075,651	8 073,039	7,505	7,037
21	26	98 750	29 047,766	478 323,041	16,467	15,999	71	76	60 865	971,964	6 997,388	7,199	6,731
22	27	98 692	27 387,587	449 275,275	16,404	15,936	72	77	58 033	874,278	6 025,424	6,892	6,424
23	28	98 630	25 821,097	421 887,689	16,339	15,871	73	78	55 155	783,887	5 151,146	6,571	6,103
24	29	98 565	24 343,495	396 066,592	16,270	15,802	74	79	52 107	698,655	4 367,259	6,251	5,783
25	30	98 496	22 949,377	371 723,097	16,198	15,730	75	80	48 927	618,883	3 668,604	5,928	5,460
26	31	98 424	21 634,673	348 773,720	16,121	15,653	76	81	45 586	543,979	3 049,721	5,606	5,138
27	32	98 349	20 394,506	327 139,046	16,041	15,573	77	82	42 105	474,006	2 505,743	5,286	4,818
28	33	98 272	19 224,987	306 744,540	15,956	15,488	78	83	38 511	408,999	2 031,737	4,968	4,500
29	34	98 192	18 122,042	287 519,553	15,866	15,398	79	84	34 758	348,248	1 622,738	4,660	4,192
30	35	98 106	17 081,308	269 397,511	15,771	15,304	80	85	30 931	292,362	1 274,489	4,359	3,891
31	36	98 009	16 098,411	252 316,203	15,673	15,205	81	86	27 053	241,235	982,127	4,071	3,603
32	37	97 906	15 171,230	236 217,792	15,570	15,102	82	87	23 207	195,224	740,891	3,795	3,327
33	38	97 797	14 296,516	221 046,561	15,462	14,994	83	88	19 456	154,408	545,667	3,534	3,066
34	39	97 674	13 470,355	206 750,046	15,349	14,881	84	89	15 889	118,959	391,259	3,289	2,821
35	40	97 542	12 690,689	193 279,691	15,230	14,762	85	90	12 602	89,012	272,300	3,059	2,591
36	41	97 406	11 955,735	180 589,002	15,105	14,637	86	91	9 653	64,321	183,287	2,850	2,382
37	42	97 249	11 260,775	168 633,267	14,975	14,507	87	92	7 128	44,808	118,966	2,655	2,187
38	43	97 074	10 604,212	157 372,492	14,841	14,373	88	93	5 041	29,898	74,158	2,480	2,012
39	44	96 888	9 984,858	146 768,280	14,699	14,231	89	94	3 401	19,026	44,261	2,326	1,858
40	45	96 685	9 399,902	136 783,422	14,552	14,084	90	95	2 188	11,546	25,235	2,186	1,718
41	46	96 461	8 847,330	127 383,521	14,398	13,930	91	96	1 332	6,633	13,689	2,064	1,596
42	47	96 207	8 324,560	118 536,191	14,239	13,771	92	97	767	3,605	7,056	1,957	1,489
43	48	95 946	7 832,059	110 211,631	14,072	13,604	93	98	420	1,861	3,451	1,854	1,386
44	49	95 648	7 365,760	102 379,572	13,899	13,431	94	99	216	0,903	1,590	1,761	1,293
45	50	95 321	6 925,100	95 013,812	13,720	13,252	95	100	104	0,408	0,687	1,683	1,215
46	51	94 967	6 508,812	88 088,712	13,534	13,066							
47	52	94 574	6 114,998	81 579,900	13,341	12,873							
48	53	94 146	5 742,728	75 464,901	13,141	12,673							
49	54	93 666	5 390,057	69 722,173	12,935	12,467							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	1 714 123,632	17,202	16,734	50	56	92 844	5 040,326	63 578,308	12,614	12,146
1	7	99 305	93 683,953	1 614 473,978	17,233	16,765	51	57	92 232	4 723,717	58 537,982	12,392	11,924
2	8	99 276	88 355,520	1 520 790,025	17,212	16,744	52	58	91 557	4 423,713	53 814,265	12,165	11,697
3	9	99 256	83 337,170	1 432 434,505	17,188	16,720	53	59	90 811	4 139,289	49 390,553	11,932	11,464
4	10	99 239	78 606,474	1 349 097,335	17,163	16,695	54	60	89 982	3 869,347	45 251,263	11,695	11,227
5	11	99 222	74 144,467	1 270 490,861	17,135	16,667	55	61	89 072	3 613,425	41 381,916	11,452	10,984
6	12	99 205	69 935,875	1 196 346,394	17,106	16,638	56	62	88 071	3 370,571	37 768,492	11,205	10,737
7	13	99 190	65 967,131	1 126 410,519	17,075	16,607	57	63	86 977	3 140,301	34 397,920	10,954	10,486
8	14	99 173	62 222,176	1 060 443,388	17,043	16,575	58	64	85 779	2 921,718	31 257,619	10,698	10,230
9	15	99 156	58 690,281	998 221,212	17,008	16,540	59	65	84 485	2 714,785	28 335,901	10,438	9,970
10	16	99 137	55 357,335	939 530,932	16,972	16,504	60	66	83 080	2 518,517	25 621,116	10,173	9,705
11	17	99 117	52 213,336	884 173,597	16,934	16,466	61	67	81 566	2 332,650	23 102,599	9,904	9,436
12	18	99 097	49 248,074	831 960,260	16,893	16,423	62	68	79 946	2 156,927	20 769,949	9,629	9,161
13	19	99 072	46 448,794	782 712,186	16,851	16,383	63	69	78 201	1 990,401	18 613,022	9,351	8,883
14	20	99 046	43 808,343	736 263,392	16,806	16,338	64	70	76 296	1 832,012	16 622,621	9,073	8,605
15	21	99 018	41 316,756	692 455,049	16,760	16,292	65	71	74 274	1 682,499	14 790,609	8,791	8,323
16	22	98 986	38 965,396	651 138,294	16,711	16,243	66	72	72 123	1 541,305	13 108,110	8,505	8,037
17	23	98 947	36 745,236	612 172,898	16,660	16,192	67	73	69 852	1 408,264	11 566,805	8,214	7,746
18	24	98 904	34 650,405	575 427,662	16,607	16,139	68	74	67 441	1 282,698	10 158,541	7,920	7,452
19	25	98 850	32 671,076	540 777,257	16,552	16,084	69	75	64 914	1 164,746	8 875,843	7,620	7,152
20	26	98 790	30 803,342	508 106,181	16,495	16,027	70	76	62 267	1 054,009	7 711,097	7,316	6,848
21	27	98 732	29 042,588	477 302,839	16,435	15,967	71	77	59 517	950,436	6 657,088	7,004	6,536
22	28	98 671	27 381,842	448 260,251	16,371	15,903	72	78	56 643	853,349	5 706,652	6,687	6,219
23	29	98 607	25 814,952	420 878,409	16,304	15,836	73	79	53 654	762,559	4 853,302	6,364	5,897
24	30	98 541	24 337,488	395 063,457	16,233	15,765	74	80	50 502	677,131	4 090,743	6,041	5,573
25	31	98 468	22 942,887	370 725,969	16,159	15,691	75	81	47 202	597,060	3 413,612	5,717	5,249
26	32	98 393	21 627,707	347 783,082	16,080	15,612	76	82	43 743	521,993	2 816,552	5,396	4,928
27	33	98 316	20 387,655	326 155,375	15,998	15,530	77	83	40 126	451,726	2 294,559	5,080	4,612
28	34	98 238	19 218,254	305 767,719	15,910	15,442	78	84	36 385	386,424	1 842,833	4,769	4,301
29	35	98 155	18 115,123	286 549,465	15,818	15,350	79	85	32 541	326,034	1 456,408	4,467	3,999
30	36	98 061	17 073,332	268 434,342	15,722	15,254	80	86	28 651	270,817	1 130,374	4,174	3,706
31	37	97 962	16 090,735	251 361,010	15,621	15,154	81	87	24 746	220,663	859,557	3,895	3,427
32	38	97 856	15 163,570	235 270,275	15,515	15,048	82	88	20 907	175,879	638,894	3,633	3,165
33	39	97 742	14 288,594	220 106,705	15,404	14,936	83	89	17 252	136,913	463,015	3,382	2,914
34	40	97 610	13 461,590	205 818,111	15,289	14,821	84	90	13 842	103,637	326,102	3,147	2,679
35	41	97 480	12 682,654	192 356,521	15,167	14,699	85	91	10 748	75,917	222,466	2,930	2,462
36	42	97 335	11 946,972	179 673,867	15,039	14,571	86	92	8 051	53,648	146,549	2,732	2,264
37	43	97 171	11 251,689	167 726,895	14,907	14,439	87	93	5 788	36,386	92,900	2,553	2,085
38	44	96 987	10 594,714	156 475,206	14,769	14,301	88	94	3 985	23,635	56,514	2,391	1,923
39	45	96 797	9 975,414	145 880,492	14,624	14,156	89	95	2 620	14,660	32,878	2,243	1,775
40	46	96 581	9 389,791	135 905,078	14,474	14,006	90	96	1 631	8,610	18,218	2,116	1,648
41	47	96 347	8 836,853	126 515,288	14,317	13,849	91	97	960	4,780	9,608	2,010	1,542
42	48	96 082	8 313,743	117 678,435	14,155	13,687	92	98	541	2,542	4,828	1,899	1,431
43	49	95 801	7 820,177	109 364,692	13,985	13,517	93	99	286	1,268	2,285	1,803	1,335
44	50	95 487	7 353,356	101 544,515	13,809	13,341	94	100	142	0,593	1,018	1,717	1,249
45	51	95 146	6 912,331	94 191,159	13,627	13,159							
46	52	94 770	6 495,296	87 278,828	13,437	12,969							
47	53	94 366	6 101,518	80 783,532	13,240	12,772							
48	54	93 912	5 728,494	74 682,014	13,037	12,569							
49	55	93 408	5 375,212	68 953,519	12,828	12,360							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	1 712 893,320	17,190	16,722	50	57	92 530	5 023,281	62 770,462	12,496	12,028
1	8	99 300	93 679,491	1 613 250,943	17,221	16,753	51	58	91 886	4 705,973	57 747,181	12,271	11,803
2	9	99 269	88 349,153	1 519 571,452	17,200	16,732	52	59	91 175	4 405,250	53 041,208	12,040	11,572
3	10	99 251	83 332,741	1 431 222,299	17,175	16,707	53	60	90 390	4 120,106	48 635,958	11,805	11,337
4	11	99 233	78 602,104	1 347 889,559	17,148	16,680	54	61	89 520	3 849,510	44 515,852	11,564	11,096
5	12	99 214	74 138,765	1 269 287,455	17,120	16,652	55	62	88 575	3 593,239	40 666,342	11,317	10,849
6	13	99 199	69 931,455	1 195 148,689	17,090	16,622	56	63	87 532	3 349,937	37 073,103	11,067	10,599
7	14	99 182	65 961,917	1 125 217,234	17,059	16,591	57	64	86 389	3 119,072	33 723,166	10,812	10,344
8	15	99 164	62 216,436	1 059 255,318	17,025	16,557	58	65	85 143	2 900,072	30 604,094	10,553	10,085
9	16	99 145	58 683,486	997 038,882	16,990	16,522	59	66	83 808	2 693,030	27 704,022	10,287	9,819
10	17	99 124	55 350,258	938 355,396	16,953	16,485	60	67	82 352	2 496,460	25 010,993	10,019	9,551
11	18	99 104	52 206,567	883 005,138	16,914	16,446	61	68	80 802	2 310,821	22 514,532	9,743	9,275
12	19	99 081	49 240,080	830 798,571	16,872	16,404	62	69	79 131	2 134,918	20 203,711	9,463	8,995
13	20	99 056	46 441,159	781 558,490	16,829	16,361	63	70	77 298	1 967,420	18 068,794	9,184	8,716
14	21	99 030	43 801,172	735 117,331	16,783	16,315	64	71	75 339	1 809,017	16 101,374	8,901	8,433
15	22	99 001	41 309,740	691 316,159	16,735	16,267	65	72	73 248	1 659,256	14 292,357	8,614	8,146
16	23	98 969	38 958,858	650 006,419	16,684	16,216	66	73	71 045	1 518,266	12 633,101	8,321	7,853
17	24	98 930	36 739,226	611 047,561	16,632	16,164	67	74	68 683	1 384,695	11 114,835	8,027	7,559
18	25	98 888	34 644,713	574 308,335	16,577	16,109	68	75	66 214	1 259,363	9 730,140	7,726	7,258
19	26	98 830	32 664,724	539 663,622	16,521	16,053	69	76	63 608	1 141,311	8 470,777	7,422	6,954
20	27	98 773	30 797,852	506 998,898	16,462	15,994	70	77	60 887	1 030,664	7 329,466	7,111	6,643
21	28	98 711	29 036,497	476 201,046	16,400	15,932	71	78	58 092	927,684	6 298,802	6,790	6,322
22	29	98 648	27 375,326	447 164,549	16,335	15,867	72	79	55 102	830,132	5 371,117	6,470	6,002
23	30	98 582	25 808,582	419 789,224	16,265	15,798	73	80	52 001	739,066	4 540,986	6,144	5,676
24	31	98 513	24 330,605	393 980,642	16,193	15,725	74	81	48 721	653,254	3 801,920	5,820	5,352
25	32	98 436	22 935,500	369 650,037	16,117	15,649	75	82	45 294	572,929	3 148,665	5,496	5,028
26	33	98 360	21 620,442	346 714,537	16,036	15,568	76	83	41 687	497,459	2 575,736	5,178	4,710
27	34	98 282	20 380,515	325 094,095	15,951	15,483	77	84	37 911	426,793	2 078,277	4,870	4,402
28	35	98 200	19 210,916	304 713,580	15,861	15,394	78	85	34 064	361,775	1 651,484	4,565	4,097
29	36	98 109	18 106,665	285 502,664	15,768	15,300	79	86	30 143	302,007	1 289,709	4,270	3,802
30	37	98 014	17 065,191	267 395,999	15,669	15,201	80	87	26 208	247,722	987,702	3,987	3,519
31	38	97 913	16 082,610	250 330,808	15,565	15,097	81	88	22 294	198,797	739,980	3,722	3,254
32	39	97 802	15 155,168	234 248,198	15,457	14,989	82	89	18 538	155,951	541,183	3,470	3,002
33	40	97 679	14 279,297	219 093,030	15,343	14,875	83	90	15 030	119,278	385,232	3,230	2,762
34	41	97 549	13 453,067	204 813,733	15,224	14,756	84	91	11 806	88,390	265,954	3,009	2,541
35	42	97 409	12 673,358	191 360,666	15,099	14,631	85	92	8 965	63,320	177,564	2,804	2,336
36	43	97 256	11 937,332	178 687,308	14,969	14,501	86	93	6 538	43,565	114,244	2,622	2,154
37	44	97 084	11 241,611	166 749,975	14,833	14,365	87	94	4 576	28,765	70,679	2,457	1,989
38	45	96 895	10 584,693	155 508,364	14,692	14,224	88	95	3 071	18,212	41,914	2,301	1,833
39	46	96 692	9 964,683	144 923,671	14,544	14,076	89	96	1 954	10,933	23,702	2,168	1,700
40	47	96 466	9 378,671	134 958,988	14,390	13,922	90	97	1 176	6,205	12,769	2,058	1,590
41	48	96 222	8 825,371	125 580,317	14,229	13,762	91	98	677	3,371	6,564	1,947	1,479
42	49	95 936	8 301,130	116 754,946	14,065	13,597	92	99	369	1,731	3,192	1,844	1,376
43	50	95 639	7 807,007	108 453,816	13,892	13,424	93	100	188	0,832	1,461	1,755	1,287
44	51	95 311	7 339,797	100 646,809	13,712	13,245							
45	52	94 948	6 897,978	93 307,012	13,527	13,059							
46	53	94 561	6 480,978	86 409,034	13,333	12,865							
47	54	94 132	6 086,395	79 928,056	13,132	12,664							
48	55	93 654	5 712,717	73 841,661	12,926	12,458							
49	56	93 117	5 358,482	68 128,944	12,714	12,246							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	1 711 570,552	17,178	16,710	50	58	92 182	5 004,412	61 906,317	12,370	11,902
1	9	99 293	93 672,740	1 611 932,920	17,208	16,740	51	59	91 502	4 686,332	56 901,905	12,142	11,674
2	10	99 264	88 344,457	1 518 260,180	17,186	16,718	52	60	90 752	4 384,834	52 215,572	11,908	11,440
3	11	99 245	83 328,108	1 429 915,723	17,160	16,692	53	61	89 926	4 098,983	47 830,738	11,669	11,201
4	12	99 226	78 596,059	1 346 587,616	17,133	16,665	54	62	89 020	3 828,006	43 731,755	11,424	10,956
5	13	99 208	74 134,080	1 267 991,556	17,104	16,636	55	63	88 032	3 571,242	39 903,750	11,174	10,706
6	14	99 191	69 925,928	1 193 857,477	17,073	16,605	56	64	86 940	3 327,291	36 332,508	10,920	10,452
7	15	99 173	65 955,832	1 123 931,549	17,041	16,573	57	65	85 749	3 095,963	33 005,217	10,661	10,193
8	16	99 152	62 209,233	1 057 975,717	17,007	16,539	58	66	84 461	2 876,832	29 909,254	10,397	9,929
9	17	99 132	58 675,984	995 766,484	16,971	16,503	59	67	83 074	2 669,445	27 032,422	10,127	9,659
10	18	99 111	55 343,082	937 090,501	16,932	16,464	60	68	81 582	2 473,099	24 362,977	9,851	9,383
11	19	99 088	52 198,093	881 747,418	16,892	16,424	61	69	79 978	2 287,241	21 889,879	9,570	9,102
12	20	99 064	49 231,987	829 549,326	16,850	16,382	62	70	78 217	2 110,267	19 909,637	9,289	8,821
13	21	99 039	46 433,557	780 317,339	16,805	16,337	63	71	76 327	1 942,725	17 492,370	9,004	8,536
14	22	99 013	43 793,735	733 883,782	16,758	16,290	64	72	74 298	1 784,026	15 549,645	8,716	8,248
15	23	98 985	41 302,809	690 090,047	16,708	16,240	65	73	72 153	1 634,454	13 765,619	8,422	7,954
16	24	98 953	38 952,486	648 787,237	16,656	16,188	66	74	69 856	1 492,856	12 131,165	8,126	7,658
17	25	98 914	36 733,190	609 834,751	16,602	16,134	67	75	67 433	1 359,505	10 638,309	7,825	7,357
18	26	98 869	34 637,978	573 101,561	16,545	16,078	68	76	64 882	1 234,024	9 278,804	7,519	7,051
19	27	98 813	32 658,902	538 463,583	16,487	16,020	69	77	62 199	1 116,033	8 044,780	7,208	6,740
20	28	98 752	30 791,392	505 804,681	16,427	15,959	70	78	59 430	1 005,991	6 928,747	6,887	6,420
21	29	98 688	29 029,586	475 013,289	16,363	15,895	71	79	56 512	902,444	5 922,755	6,563	6,095
22	30	98 624	27 368,570	445 983,703	16,295	15,828	72	80	53 405	804,557	5 020,311	6,240	5,772
23	31	98 554	25 801,283	418 615,132	16,225	15,757	73	81	50 167	713,005	4 215,754	5,913	5,445
24	32	98 481	24 322,771	392 813,849	16,150	15,682	74	82	46 752	626,853	3 502,749	5,588	5,120
25	33	98 403	22 927,795	368 491,078	16,072	15,604	75	83	43 165	546,000	2 875,896	5,267	4,799
26	34	98 325	21 612,870	345 563,283	15,989	15,521	76	84	39 386	470,001	2 329,896	4,957	4,489
27	35	98 244	20 372,734	323 950,413	15,901	15,433	77	85	35 493	399,569	1 859,895	4,655	4,187
28	36	98 154	19 201,946	303 577,679	15,810	15,342	78	86	31 554	335,114	1 460,326	4,358	3,890
29	37	98 062	18 098,031	284 375,733	15,713	15,245	79	87	27 572	276,253	1 125,212	4,073	3,605
30	38	97 964	17 056,574	266 277,702	15,611	15,143	80	88	23 611	223,174	848,959	3,804	3,336
31	39	97 858	16 073,698	249 221,128	15,505	15,037	81	89	19 768	176,272	625,785	3,550	3,082
32	40	97 739	15 145,307	233 147,430	15,394	14,926	82	90	16 150	135,863	449,512	3,309	2,841
33	41	97 617	14 270,256	218 002,123	15,277	14,809	83	91	12 818	101,730	313,649	3,083	2,615
34	42	97 477	13 443,207	203 731,866	15,155	14,687	84	92	9 847	73,724	211,919	2,875	2,407
35	43	97 330	12 663,133	190 288,659	15,027	14,559	85	93	7 280	51,419	138,196	2,688	2,220
36	44	97 169	11 926,640	177 625,526	14,893	14,425	86	94	5 169	34,440	86,776	2,520	2,052
37	45	96 992	11 230,978	165 698,886	14,754	14,286	87	95	3 526	22,165	52,336	2,361	1,893
38	46	96 791	10 573,307	154 467,908	14,609	14,141	88	96	2 290	13,582	30,171	2,221	1,754
39	47	96 578	9 952,883	143 894,601	14,458	13,990	89	97	1 408	7,879	16,590	2,106	1,638
40	48	96 341	9 366,485	133 941,717	14,300	13,832	90	98	829	4,376	8,710	1,990	1,522
41	49	96 076	8 811,982	124 575,232	14,137	13,669	91	99	461	2,296	4,334	1,888	1,420
42	50	95 775	8 287,150	115 763,250	13,969	13,501	92	100	242	1,137	2,038	1,793	1,325
43	51	95 463	7 792,612	107 476,100	13,792	13,324							
44	52	95 113	7 324,556	99 683,488	13,609	13,142							
45	53	94 739	6 882,772	92 358,932	13,419	12,951							
46	54	94 326	6 464,914	85 476,161	13,222	12,754							
47	55	93 872	6 069,632	79 011,247	13,017	12,550							
48	56	93 362	5 694,936	72 941,615	12,808	12,340							
49	57	92 802	5 340,362	67 246,679	12,592	12,124							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	1 710 146,741	17,165	16,697	50	59	91 797	4 983,526	60 984,124	12,237	11,769
1	10	99 288	93 667,761	1 610 516,290	17,194	16,726	51	60	91 078	4 664,614	56 000,598	12,005	11,537
2	11	99 258	88 339,545	1 516 848,528	17,171	16,703	52	61	90 287	4 362,354	51 335,984	11,768	11,300
3	12	99 237	83 321,700	1 428 508,983	17,145	16,677	53	62	89 424	4 076,085	46 973,631	11,524	11,056
4	13	99 219	78 591,092	1 345 187,284	17,116	16,648	54	63	88 475	3 804,571	42 897,545	11,275	10,807
5	14	99 200	74 128,220	1 266 596,191	17,087	16,619	55	64	87 437	3 547,100	39 092,974	11,021	10,553
6	15	99 182	69 919,477	1 192 467,971	17,055	16,587	56	65	86 296	3 302,639	35 545,875	10,763	10,295
7	16	99 162	65 948,196	1 122 548,494	17,022	16,554	57	66	85 062	3 071,153	32 243,235	10,499	10,031
8	17	99 139	62 201,280	1 056 600,298	16,987	16,519	58	67	83 721	2 851,637	29 172,082	10,230	9,762
9	18	99 119	58 668,376	994 399,018	16,949	16,482	59	68	82 297	2 644,464	26 320,445	9,953	9,485
10	19	99 095	55 334,099	935 730,642	16,911	16,443	60	69	80 749	2 447,863	23 675,981	9,672	9,204
11	20	99 071	52 189,513	880 396,543	16,869	16,401	61	70	79 054	2 260,832	21 228,117	9,390	8,922
12	21	99 048	49 223,928	828 207,030	16,825	16,357	62	71	77 235	2 083,780	18 967,285	9,102	8,634
13	22	99 023	46 425,673	778 983,102	16,779	16,311	63	72	75 273	1 915,887	16 883,505	8,812	8,344
14	23	98 997	43 786,387	732 557,429	16,730	16,262	64	73	73 187	1 757,358	14 967,618	8,517	8,049
15	24	98 968	41 296,054	688 771,041	16,679	16,211	65	74	70 945	1 607,100	13 210,260	8,220	7,752
16	25	98 937	38 946,088	647 474,988	16,625	16,157	66	75	68 585	1 465,698	11 603,160	7,916	7,449
17	26	98 895	36 726,049	608 528,900	16,569	16,101	67	76	66 076	1 332,152	10 137,462	7,610	7,142
18	27	98 851	34 631,804	571 802,851	16,511	16,043	68	77	63 445	1 206,692	8 805,310	7,297	6,829
19	28	98 792	32 652,052	537 171,047	16,451	15,983	69	78	60 710	1 089,317	7 598,618	6,976	6,508
20	29	98 729	30 784,064	504 518,995	16,389	15,921	70	79	57 813	978,621	6 509,302	6,652	6,184
21	30	98 664	29 022,423	473 734,931	16,323	15,855	71	80	54 770	874,642	5 530,681	6,323	5,855
22	31	98 596	27 360,831	444 712,508	16,254	15,786	72	81	51 522	776,187	4 656,039	5,999	5,531
23	32	98 523	25 792,975	417 351,677	16,181	15,713	73	82	48 140	684,189	3 879,852	5,671	5,203
24	33	98 448	24 314,601	391 558,702	16,104	15,636	74	83	44 554	597,389	3 195,663	5,349	4,881
25	34	98 369	22 919,765	367 244,101	16,023	15,555	75	84	40 783	515,864	2 598,274	5,037	4,569
26	35	98 288	21 604,618	344 324,336	15,938	15,470	76	85	36 874	440,021	2 082,410	4,733	4,265
27	36	98 198	20 363,221	322 719,718	15,848	15,380	77	86	32 877	370,123	1 642,390	4,437	3,969
28	37	98 108	19 192,790	302 356,497	15,754	15,286	78	87	28 863	306,536	1 272,267	4,150	3,682
29	38	98 013	18 088,892	283 163,707	15,654	15,186	79	88	24 840	248,878	965,731	3,880	3,412
30	39	97 910	17 047,123	265 074,815	15,550	15,082	80	89	20 936	197,888	716,853	3,623	3,155
31	40	97 795	16 063,240	248 027,692	15,441	14,973	81	90	17 222	153,567	518,965	3,379	2,911
32	41	97 677	15 135,718	231 964,452	15,326	14,858	82	91	13 774	115,876	365,398	3,153	2,685
33	42	97 545	14 259,797	216 828,734	15,206	14,738	83	92	10 692	84,850	249,522	2,941	2,473
34	43	97 398	13 432,360	202 568,937	15,081	14,613	84	93	7 996	59,868	164,672	2,751	2,283
35	44	97 243	12 651,791	189 136,576	14,949	14,481	85	94	5 755	40,649	104,805	2,578	2,110
36	45	97 077	11 915,359	176 484,786	14,812	14,344	86	95	3 983	26,538	64,156	2,418	1,950
37	46	96 887	11 218,897	164 569,426	14,669	14,201	87	96	2 629	16,529	37,618	2,276	1,808
38	47	96 676	10 560,787	153 350,529	14,521	14,053	88	97	1 650	9,788	21,089	2,155	1,687
39	48	96 452	9 939,951	142 789,742	14,365	13,897	89	98	993	5,557	11,301	2,034	1,566
40	49	96 195	9 352,275	132 849,791	14,205	13,737	90	99	565	2,980	5,744	1,927	1,459
41	50	95 914	8 797,142	123 497,516	14,038	13,570	91	100	303	1,508	2,764	1,833	1,365
42	51	95 598	8 271,870	114 700,375	13,866	13,398							
43	52	95 265	7 776,430	106 428,505	13,686	13,218							
44	53	94 903	7 308,410	98 652,075	13,498	13,030							
45	54	94 504	6 865,712	91 343,665	13,304	12,836							
46	55	94 066	6 447,108	84 477,953	13,103	12,635							
47	56	93 580	6 050,741	78 030,845	12,896	12,428							
48	57	93 046	5 675,679	71 980,104	12,682	12,214							
49	58	92 454	5 320,302	66 304,426	12,463	11,995							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	1 708 618,155	17,150	16,683	50	60	91 372	4 960,430	60 002,332	12,096	11,628
1	11	99 282	93 662,554	1 608 992,999	17,179	16,711	51	61	90 611	4 640,699	55 041,902	11,861	11,393
2	12	99 251	88 332,752	1 515 330,445	17,155	16,687	52	62	89 783	4 337,985	50 401,203	11,619	11,151
3	13	99 231	83 316,434	1 426 997,694	17,127	16,659	53	63	88 877	4 051,132	46 063,218	11,370	10,902
4	14	99 212	78 584,880	1 343 681,260	17,098	16,631	54	64	87 877	3 778,851	42 012,086	11,118	10,650
5	15	99 191	74 121,382	1 265 096,380	17,068	16,600	55	65	86 789	3 520,820	38 233,235	10,859	10,391
6	16	99 171	69 911,382	1 190 974,997	17,035	16,568	56	66	85 604	3 276,173	34 712,415	10,595	10,127
7	17	99 149	65 939,765	1 121 063,615	17,001	16,533	57	67	84 317	3 044,257	31 436,242	10,326	9,858
8	18	99 127	62 193,215	1 055 123,850	16,965	16,497	58	68	82 938	2 824,952	28 391,985	10,050	9,582
9	19	99 103	58 658,853	992 930,635	16,927	16,459	59	69	81 457	2 617,480	25 567,033	9,768	9,300
10	20	99 079	55 325,004	934 271,782	16,887	16,419	60	70	79 817	2 419,600	22 949,553	9,485	9,017
11	21	99 055	52 180,970	878 946,778	16,844	16,376	61	71	78 062	2 232,455	20 529,954	9,196	8,728
12	22	99 031	49 215,570	826 765,807	16,799	16,331	62	72	76 168	2 054,993	18 297,499	8,904	8,436
13	23	99 006	46 417,884	777 550,237	16,751	16,283	63	73	74 148	1 887,249	16 242,505	8,606	8,138
14	24	98 981	43 779,226	731 132,353	16,700	16,232	64	74	71 962	1 727,947	14 355,257	8,308	7,840
15	25	98 952	41 289,270	687 353,128	16,647	16,179	65	75	69 655	1 577,863	12 627,310	8,003	7,535
16	26	98 918	38 938,516	646 063,857	16,592	16,124	66	76	67 205	1 436,208	11 049,446	7,693	7,226
17	27	98 877	36 719,503	607 125,341	16,534	16,066	67	77	64 613	1 302,646	9 613,238	7,380	6,912
18	28	98 830	34 624,540	570 405,838	16,474	16,006	68	78	61 926	1 177,806	8 310,592	7,056	6,588
19	29	98 769	32 644,281	535 781,298	16,413	15,945	69	79	59 058	1 059,679	7 132,786	6,731	6,263
20	30	98 704	30 776,468	503 137,018	16,348	15,880	70	80	56 032	948,471	6 073,107	6,403	5,935
21	31	98 636	29 014,216	472 360,550	16,280	15,812	71	81	52 839	843,800	5 124,636	6,073	5,605
22	32	98 564	27 352,021	443 346,334	16,209	15,741	72	82	49 439	744,817	4 280,836	5,748	5,280
23	33	98 490	25 784,311	415 994,314	16,134	15,666	73	83	45 877	652,031	3 536,019	5,423	4,955
24	34	98 414	24 306,085	390 210,002	16,054	15,586	74	84	42 095	564,416	2 883,988	5,110	4,642
25	35	98 331	22 911,015	365 903,917	15,971	15,503	75	85	38 181	482,958	2 319,572	4,803	4,335
26	36	98 242	21 594,530	342 992,902	15,883	15,415	76	86	34 156	407,594	1 836,615	4,506	4,038
27	37	98 152	20 353,511	321 398,372	15,791	15,323	77	87	30 074	338,559	1 429,021	4,221	3,753
28	38	98 058	19 183,098	301 044,861	15,693	15,225	78	88	26 003	276,160	1 090,461	3,949	3,481
29	39	97 958	18 078,869	281 861,763	15,591	15,123	79	89	22 025	220,679	814,301	3,690	3,222
30	40	97 846	17 036,031	263 782,894	15,484	15,016	80	90	18 239	172,399	593,623	3,443	2,975
31	41	97 733	16 053,070	246 746,863	15,371	14,903	81	91	14 688	130,975	421,224	3,216	2,748
32	42	97 605	15 124,625	230 693,793	15,253	14,785	82	92	11 489	96,649	290,249	3,003	2,535
33	43	97 467	14 248,292	215 569,168	15,129	14,662	83	93	8 682	68,903	193,601	2,810	2,342
34	44	97 311	13 420,329	201 320,877	15,001	14,533	84	94	6 321	47,328	124,698	2,635	2,167
35	45	97 151	12 639,824	187 900,547	14,866	14,398	85	95	4 435	31,322	77,370	2,470	2,002
36	46	96 973	11 902,542	175 260,724	14,725	14,257	86	96	2 970	19,790	46,048	2,327	1,859
37	47	96 773	11 205,612	163 358,181	14,578	14,110	87	97	1 895	11,912	26,258	2,204	1,736
38	48	96 550	10 547,064	152 152,569	14,426	13,958	88	98	1 164	6,903	14,345	2,078	1,610
39	49	96 306	9 924,871	141 605,505	14,268	13,800	89	99	676	3,784	7,442	1,967	1,499
40	50	96 033	9 336,525	131 680,634	14,104	13,636	90	100	371	1,957	3,658	1,869	1,401
41	51	95 737	8 780,921	122 344,109	13,933	13,465							
42	52	95 400	8 254,693	113 563,188	13,757	13,289							
43	53	95 055	7 759,288	105 308,495	13,572	13,104							
44	54	94 668	7 290,295	97 549,207	13,381	12,913							
45	55	94 244	6 846,802	90 258,912	13,183	12,715							
46	56	93 774	6 427,042	83 412,110	12,978	12,510							
47	57	93 264	6 030,279	76 985,068	12,766	12,298							
48	58	92 697	5 654,359	70 954,788	12,549	12,081							
49	59	92 068	5 298,097	65 300,429	12,325	11,857							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	1 706 976,333	17,135	16,667	50	61	90 903	4 934,999	58 959,587	11,947	11,479
1	12	99 275	93 655,351	1 607 356,716	17,162	16,694	51	62	90 105	4 614,775	54 024,588	11,707	11,239
2	13	99 244	88 327,169	1 513 701,365	17,137	16,669	52	63	89 233	4 311,428	49 409,813	11,460	10,992
3	14	99 223	83 309,849	1 425 374,196	17,109	16,641	53	64	88 276	4 023,745	45 098,385	11,208	10,740
4	15	99 202	78 577,631	1 342 064,347	17,079	16,612	54	65	87 226	3 750,855	41 074,639	10,951	10,483
5	16	99 180	74 112,801	1 263 486,716	17,048	16,580	55	66	86 094	3 492,605	37 323,785	10,687	10,219
6	17	99 158	69 902,445	1 189 373,915	17,015	16,547	56	67	84 855	3 247,481	33 831,180	10,418	9,950
7	18	99 136	65 931,216	1 119 471,470	16,979	16,511	57	68	83 528	3 015,769	30 583,699	10,141	9,673
8	19	99 110	62 183,120	1 053 540,255	16,943	16,475	58	69	82 091	2 796,126	27 593,930	9,859	9,391
9	20	99 087	58 649,212	991 357,135	16,903	16,435	59	70	80 517	2 587,258	24 771,804	9,575	9,107
10	21	99 062	55 315,948	932 707,923	16,861	16,393	60	71	78 815	2 389,229	22 184,546	9,285	8,817
11	22	99 038	52 172,110	877 391,975	16,817	16,349	61	72	76 984	2 201,615	19 795,316	8,991	8,523
12	23	99 015	49 207,313	825 219,865	16,770	16,302	62	73	75 030	2 024,276	17 593,702	8,691	8,223
13	24	98 990	46 410,292	776 012,552	16,721	16,253	63	74	72 907	1 855,664	15 569,426	8,390	7,922
14	25	98 964	43 772,034	729 602,260	16,668	16,200	64	75	70 653	1 696,512	13 713,763	8,084	7,616
15	26	98 933	41 281,243	685 830,226	16,614	16,146	65	76	68 253	1 546,117	12 017,250	7,773	7,305
16	27	98 900	38 931,576	644 548,983	16,556	16,088	66	77	65 717	1 404,398	10 471,134	7,456	6,988
17	28	98 857	36 711,801	605 617,407	16,497	16,029	67	78	63 066	1 271,463	9 066,736	7,131	6,663
18	29	98 807	34 616,300	568 905,606	16,435	15,967	68	79	60 241	1 145,761	7 795,273	6,804	6,336
19	30	98 744	32 636,225	534 289,306	16,371	15,903	69	80	57 239	1 027,032	6 649,513	6,474	6,007
20	31	98 676	30 767,765	501 653,081	16,305	15,837	70	81	54 056	915,027	5 622,481	6,145	5,677
21	32	98 604	29 004,873	470 885,316	16,235	15,767	71	82	50 704	809,698	4 707,454	5,814	5,346
22	33	98 531	27 342,833	441 880,443	16,161	15,693	72	83	47 115	709,809	3 897,756	5,491	5,023
23	34	98 455	25 775,281	414 537,610	16,083	15,615	73	84	43 345	616,041	3 187,947	5,175	4,707
24	35	98 376	24 296,805	388 762,330	16,001	15,533	74	85	39 410	528,413	2 571,906	4,867	4,399
25	36	98 285	22 900,317	364 465,524	15,915	15,447	75	86	35 367	447,367	2 043,493	4,568	4,100
26	37	98 195	21 584,233	341 565,208	15,825	15,357	76	87	31 244	372,835	1 596,126	4,281	3,813
27	38	98 102	20 343,234	319 980,975	15,729	15,261	77	88	27 094	305,010	1 223,291	4,011	3,543
28	39	98 004	19 172,469	299 637,741	15,629	15,161	78	89	23 056	244,870	918,281	3,750	3,282
29	40	97 895	18 067,106	280 465,272	15,524	15,056	79	90	19 188	192,254	673,411	3,503	3,035
30	41	97 784	17 025,245	262 398,166	15,412	14,944	80	91	15 556	147,036	481,157	3,272	2,804
31	42	97 661	16 041,304	245 372,921	15,296	14,828	81	92	12 251	109,242	334,122	3,059	2,591
32	43	97 526	15 112,421	229 331,617	15,175	14,707	82	93	9 330	78,484	224,879	2,865	2,397
33	44	97 379	14 235,529	214 219,196	15,048	14,580	83	94	6 864	54,471	146,395	2,688	2,220
34	45	97 219	13 407,636	199 983,666	14,916	14,448	84	95	4 871	36,468	91,925	2,521	2,053
35	46	97 046	12 626,228	186 576,031	14,777	14,309	85	96	3 307	23,358	55,457	2,374	1,906
36	47	96 858	11 888,448	173 949,803	14,632	14,164	86	97	2 140	14,263	32,098	2,251	1,783
37	48	96 647	11 191,052	162 061,356	14,481	14,013	87	98	1 336	8,401	17,836	2,123	1,655
38	49	96 404	10 531,063	150 870,304	14,326	13,858	88	99	793	4,701	9,434	2,007	1,539
39	50	96 144	9 908,157	140 339,240	14,164	13,696	89	100	444	2,485	4,734	1,905	1,437
40	51	95 856	9 319,309	130 431,084	13,996	13,528							
41	52	95 538	8 762,687	121 111,774	13,821	13,353							
42	53	95 189	8 236,496	112 349,087	13,640	13,172							
43	54	94 819	7 740,056	104 112,591	13,451	12,983							
44	55	94 407	7 270,216	96 372,535	13,256	12,788							
45	56	93 950	6 825,492	89 102,319	13,054	12,586							
46	57	93 457	6 405,309	82 276,827	12,845	12,377							
47	58	92 913	6 007,628	75 871,518	12,629	12,161							
48	59	92 310	5 630,760	69 863,890	12,408	11,940							
49	60	91 641	5 273,543	64 233,130	12,180	11,712							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0	12	99 612	99 611,956	1 705 214,627	17,119	16,651	50	62	90 396	4 907,431	57 854,664	11,789	11,321
1	13	99 268	93 649,432	1 605 602,671	17,145	16,677	51	63	89 554	4 586,524	52 947,233	11,544	11,076
2	14	99 237	88 320,188	1 511 953,239	17,119	16,651	52	64	88 630	4 282,282	48 360,709	11,293	10,825
3	15	99 214	83 302,163	1 423 633,051	17,090	16,622	53	65	87 622	3 993,934	44 078,427	11,036	10,568
4	16	99 191	78 568,534	1 340 330,888	17,059	16,591	54	66	86 527	3 720,796	40 084,493	10,773	10,305
5	17	99 167	74 103,326	1 261 762,354	17,027	16,559	55	67	85 340	3 462,018	36 363,696	10,504	10,036
6	18	99 145	69 893,382	1 187 659,028	16,992	16,524	56	68	84 060	3 217,091	32 901,678	10,227	9,759
7	19	99 120	65 920,514	1 117 765,646	16,956	16,488	57	69	82 676	2 984,996	29 684,587	9,945	9,477
8	20	99 094	62 172,899	1 051 845,132	16,918	16,450	58	70	81 143	2 763,841	26 699,591	9,660	9,192
9	21	99 070	58 639,612	989 672,233	16,877	16,409	59	71	79 506	2 554,783	23 935,750	9,369	8,901
10	22	99 046	55 306,555	931 032,621	16,834	16,366	60	72	77 726	2 356,223	21 380,966	9,074	8,606
11	23	99 022	52 163,357	875 726,066	16,788	16,320	61	73	75 833	2 168,705	19 024,743	8,772	8,304
12	24	98 999	49 199,265	823 562,709	16,739	16,271	62	74	73 774	1 990,397	16 856,038	8,469	8,001
13	25	98 974	46 402,668	774 363,444	16,688	16,220	63	75	71 581	1 821,905	14 865,641	8,159	7,691
14	26	98 945	43 763,524	727 960,776	16,634	16,166	64	76	69 232	1 662,378	13 043,736	7,846	7,378
15	27	98 915	41 273,885	684 197,252	16,577	16,109	65	77	66 742	1 511,872	11 381,357	7,528	7,060
16	28	98 879	38 923,410	642 923,367	16,518	16,050	66	78	64 144	1 370,779	9 869,485	7,200	6,732
17	29	98 833	36 703,064	603 999,957	16,456	15,988	67	79	61 350	1 236,869	8 498,707	6,871	6,403
18	30	98 782	34 607,758	567 296,893	16,392	15,924	68	80	58 385	1 110,462	7 261,837	6,539	6,072
19	31	98 716	32 626,996	532 689,135	16,327	15,859	69	81	55 220	990,817	6 151,376	6,208	5,740
20	32	98 645	30 757,857	500 062,139	16,258	15,790	70	82	51 871	878,046	5 160,558	5,877	5,409
21	33	98 571	28 995,130	469 304,282	16,186	15,718	71	83	48 320	771,640	4 282,513	5,550	5,082
22	34	98 496	27 333,257	440 309,152	16,109	15,641	72	84	44 515	670,630	3 510,872	5,235	4,767
23	35	98 418	25 765,440	412 975,895	16,028	15,560	73	85	40 580	576,745	2 840,242	4,925	4,457
24	36	98 330	24 285,460	387 210,455	15,944	15,476	74	86	36 506	489,472	2 263,497	4,624	4,156
25	37	98 238	22 889,397	362 924,995	15,856	15,388	75	87	32 351	409,216	1 774,025	4,335	3,867
26	38	98 145	21 573,334	340 035,599	15,762	15,294	76	88	28 148	335,889	1 364,809	4,063	3,595
27	39	98 048	20 331,961	318 462,264	15,663	15,195	77	89	24 024	270,451	1 028,920	3,804	3,336
28	40	97 940	19 159,994	298 130,303	15,560	15,092	78	90	20 087	213,329	758,469	3,555	3,087
29	41	97 833	18 055,667	278 970,309	15,451	14,983	79	91	16 365	163,970	545,139	3,325	2,857
30	42	97 713	17 012,767	260 914,641	15,336	14,868	80	92	12 975	122,638	381,169	3,108	2,640
31	43	97 582	16 028,361	243 901,874	15,217	14,749	81	93	9 948	88,711	258,531	2,914	2,446
32	44	97 439	15 098,885	227 873,514	15,092	14,624	82	94	7 375	62,045	169,820	2,737	2,269
33	45	97 287	14 222,065	212 774,628	14,961	14,493	83	95	5 289	41,972	107,775	2,568	2,100
34	46	97 115	13 393,213	198 552,564	14,825	14,357	84	96	3 632	27,196	65,803	2,420	1,952
35	47	96 931	12 611,276	185 159,350	14,682	14,214	85	97	2 383	16,834	38,608	2,293	1,825
36	48	96 732	11 873,000	172 548,074	14,533	14,065	86	98	1 510	10,059	21,774	2,165	1,697
37	49	96 500	11 174,074	160 675,074	14,379	13,911	87	99	910	5,721	11,715	2,048	1,580
38	50	96 242	10 513,328	149 501,000	14,220	13,752	88	100	521	3,087	5,994	1,941	1,473
39	51	95 967	9 889,887	138 987,672	14,054	13,586							
40	52	95 657	9 299,958	129 097,785	13,882	13,414							
41	53	95 328	8 743,371	119 797,827	13,702	13,234							
42	54	94 954	8 216,081	111 054,457	13,517	13,049							
43	55	94 558	7 718,737	102 838,375	13,323	12,855							
44	56	94 113	7 247,588	95 119,638	13,124	12,656							
45	57	93 633	6 802,411	87 872,050	12,918	12,450							
46	58	93 106	6 381,248	81 069,638	12,704	12,236							
47	59	92 526	5 982,555	74 688,390	12,484	12,016							
48	60	91 882	5 604,665	68 705,835	12,259	11,791							
49	61	91 171	5 246,507	63 101,171	12,027	11,559							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	1 703 328,057	17,101	16,633	50	63	89 842	4 877,388	56 686,119	11,622	11,154
1	14	99 261	93 642,030	1 603 722,396	17,126	16,658	51	64	88 948	4 555,518	51 808,731	11,373	10,905
2	15	99 227	88 312,040	1 510 080,366	17,099	16,631	52	65	87 973	4 250,555	47 253,213	11,117	10,649
3	16	99 203	83 292,519	1 421 768,326	17,070	16,602	53	66	86 920	3 961,928	43 002,658	10,854	10,386
4	17	99 178	78 558,489	1 338 475,807	17,038	16,570	54	67	85 769	3 688,211	39 040,729	10,585	10,117
5	18	99 154	74 093,719	1 259 917,317	17,004	16,536	55	68	84 541	3 429,620	35 352,519	10,308	9,840
6	19	99 129	69 882,037	1 185 823,598	16,969	16,501	56	69	83 203	3 184,264	31 922,898	10,025	9,557
7	20	99 104	65 909,678	1 115 941,562	16,931	16,463	57	70	81 721	2 950,530	28 738,634	9,740	9,272
8	21	99 078	62 162,723	1 050 031,883	16,892	16,424	58	71	80 125	2 729,150	25 788,104	9,449	8,981
9	22	99 054	58 629,655	987 869,161	16,849	16,381	59	72	78 408	2 519,490	23 058,954	9,152	8,684
10	23	99 029	55 297,276	929 239,506	16,804	16,336	60	73	76 565	2 321,003	20 539,463	8,849	8,381
11	24	99 005	52 154,825	873 942,229	16,757	16,289	61	74	74 564	2 132,409	18 218,461	8,544	8,076
12	25	98 982	49 191,183	821 787,404	16,706	16,238	62	75	72 432	1 954,188	16 086,051	8,232	7,764
13	26	98 954	46 393,647	772 596,221	16,653	16,185	63	76	70 140	1 785,248	14 131,864	7,916	7,448
14	27	98 927	43 755,724	726 202,574	16,597	16,129	64	77	67 698	1 625,559	12 346,615	7,595	7,127
15	28	98 895	41 265,228	682 446,851	16,538	16,070	65	78	65 144	1 475,680	10 721,056	7,265	6,797
16	29	98 856	38 914,146	641 181,623	16,477	16,009	66	79	62 399	1 333,483	9 245,376	6,933	6,465
17	30	98 809	36 694,007	602 267,476	16,413	15,945	67	80	59 460	1 198,763	7 911,893	6,600	6,132
18	31	98 754	34 597,971	565 573,469	16,347	15,879	68	81	56 326	1 071,305	6 713,130	6,266	5,798
19	32	98 684	32 616,490	530 975,498	16,279	15,811	69	82	52 989	950,773	5 641,824	5,934	5,466
20	33	98 611	30 747,525	498 359,008	16,208	15,740	70	83	49 433	836,775	4 691,051	5,606	5,138
21	34	98 536	28 984,975	467 611,483	16,133	15,665	71	84	45 653	729,049	3 854,276	5,287	4,819
22	35	98 459	27 322,821	438 626,507	16,053	15,586	72	85	41 675	627,852	3 125,227	4,978	4,510
23	36	98 372	25 753,409	411 303,686	15,971	15,503	73	86	37 590	534,243	2 497,375	4,675	4,207
24	37	98 283	24 273,879	385 550,277	15,883	15,415	74	87	33 393	447,731	1 963,132	4,385	3,917
25	38	98 189	22 877,839	361 276,398	15,792	15,324	75	88	29 145	368,665	1 515,401	4,111	3,643
26	39	98 091	21 561,380	338 398,559	15,695	15,227	76	89	24 958	297,831	1 146,737	3,850	3,382
27	40	97 984	20 318,732	316 837,179	15,593	15,125	77	90	20 929	235,615	848,905	3,603	3,135
28	41	97 878	19 147,864	296 518,446	15,486	15,018	78	91	17 132	181,945	613,290	3,371	2,903
29	42	97 761	18 042,434	277 370,582	15,373	14,905	79	92	13 650	136,763	431,345	3,154	2,686
30	43	97 634	16 999,040	259 328,149	15,255	14,787	80	93	10 536	99,589	294,582	2,958	2,490
31	44	97 495	16 014,004	242 329,109	15,132	14,664	81	94	7 865	70,130	194,993	2,780	2,313
32	45	97 347	15 084,604	226 315,105	15,003	14,535	82	95	5 683	47,808	124,864	2,612	2,144
33	46	97 183	14 206,767	211 230,501	14,868	14,400	83	96	3 944	31,300	77,055	2,462	1,994
34	47	97 000	13 377,353	197 023,734	14,728	14,260	84	97	2 618	19,600	45,755	2,334	1,867
35	48	96 805	12 594,889	183 646,381	14,581	14,113	85	98	1 681	11,872	26,155	2,203	1,735
36	49	96 586	11 854,987	171 051,492	14,429	13,961	86	99	1 028	6,850	14,283	2,085	1,617
37	50	96 338	11 155,256	159 196,504	14,271	13,803	87	100	598	3,757	7,433	1,978	1,510
38	51	96 064	10 493,943	148 041,248	14,107	13,639							
39	52	95 767	9 869,351	137 547,305	13,937	13,469							
40	53	95 446	9 279,457	127 677,955	13,759	13,291							
41	54	95 091	8 721,699	118 398,498	13,575	13,107							
42	55	94 692	8 193,452	109 676,798	13,386	12,918							
43	56	94 264	7 694,714	101 483,346	13,189	12,721							
44	57	93 795	7 223,080	93 788,632	12,985	12,517							
45	58	93 281	6 776,859	86 565,553	12,774	12,306							
46	59	92 717	6 354,616	79 788,693	12,556	12,088							
47	60	92 097	5 954,829	73 434,078	12,332	11,864							
48	61	91 411	5 575,931	67 479,249	12,102	11,634							
49	62	90 662	5 217,199	61 903,318	11,865	11,397							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	1 701 307,688	17,082	16,614	50	64	89 235	4 844,416	55 452,842	11,447	10,979
1	15	99 251	93 633,392	1 601 709,900	17,106	16,638	51	65	88 289	4 521,767	50 608,426	11,192	10,724
2	16	99 216	88 301,816	1 508 076,509	17,079	16,611	52	66	87 268	4 216,493	46 086,659	10,930	10,462
3	17	99 190	83 281,871	1 419 774,692	17,048	16,580	53	67	86 158	3 927,231	41 870,166	10,661	10,194
4	18	99 165	78 548,304	1 336 492,821	17,015	16,547	54	68	84 967	3 653,697	37 942,935	10,385	9,917
5	19	99 138	74 081,692	1 257 944,517	16,981	16,513	55	69	83 679	3 394,625	34 289,239	10,101	9,633
6	20	99 113	69 870,551	1 183 862,825	16,944	16,476	56	70	82 242	3 147,498	30 894,614	9,816	9,348
7	21	99 088	65 898,890	1 113 992,275	16,905	16,437	57	71	80 695	2 913,496	27 747,116	9,524	9,056
8	22	99 061	62 152,168	1 048 093,385	16,863	16,395	58	72	79 018	2 691,448	24 833,620	9,227	8,759
9	23	99 037	58 619,818	985 941,217	16,819	16,351	59	73	77 236	2 481,829	22 142,172	8,922	8,454
10	24	99 013	55 288,232	927 321,399	16,772	16,305	60	74	75 283	2 282,158	19 660,343	8,615	8,147
11	25	98 989	52 146,258	872 033,167	16,723	16,255	61	75	73 207	2 093,616	17 378,185	8,301	7,833
12	26	98 963	49 181,619	819 886,909	16,671	16,203	62	76	70 975	1 914,869	15 284,568	7,982	7,514
13	27	98 937	46 385,378	770 705,290	16,615	16,147	63	77	68 587	1 745,707	13 369,699	7,659	7,191
14	28	98 907	43 746,546	724 319,912	16,557	16,089	64	78	66 078	1 586,645	11 623,991	7,326	6,858
15	29	98 871	41 255,407	680 573,366	16,497	16,029	65	79	63 371	1 435,531	10 037,346	6,992	6,524
16	30	98 831	38 904,544	639 317,959	16,433	15,965	66	80	60 476	1 292,401	8 601,816	6,656	6,188
17	31	98 781	36 683,631	600 413,415	16,367	15,899	67	81	57 364	1 156,493	7 309,415	6,320	5,852
18	32	98 723	34 586,830	563 729,784	16,299	15,831	68	82	54 050	1 028,008	6 152,922	5,985	5,517
19	33	98 651	32 605,534	529 142,954	16,229	15,761	69	83	50 498	906,085	5 124,914	5,656	5,188
20	34	98 577	30 736,757	496 537,420	16,155	15,687	70	84	46 705	790,589	4 218,829	5,336	4,868
21	35	98 499	28 973,909	465 800,663	16,077	15,609	71	85	42 741	682,544	3 428,240	5,023	4,555
22	36	98 413	27 310,063	436 826,754	15,995	15,527	72	86	38 604	581,583	2 745,696	4,721	4,253
23	37	98 325	25 741,128	409 516,691	15,909	15,441	73	87	34 384	488,683	2 164,112	4,428	3,960
24	38	98 234	24 261,623	383 775,563	15,818	15,350	74	88	30 084	403,363	1 675,429	4,154	3,686
25	39	98 134	22 865,162	359 513,940	15,723	15,255	75	89	25 843	326,894	1 272,066	3,891	3,423
26	40	98 027	21 547,351	336 648,778	15,624	15,156	76	90	21 744	259,469	945,172	3,643	3,175
27	41	97 922	20 305,868	315 101,426	15,518	15,050	77	91	17 850	200,952	685,704	3,412	2,944
28	42	97 806	19 133,830	294 795,558	15,407	14,939	78	92	14 289	151,755	484,751	3,194	2,726
29	43	97 682	18 027,876	275 661,729	15,291	14,823	79	93	11 085	111,059	332,996	2,998	2,530
30	44	97 546	16 983,814	257 633,853	15,169	14,701	80	94	8 329	78,729	221,937	2,819	2,351
31	45	97 403	15 998,858	240 650,039	15,042	14,574	81	95	6 060	54,038	143,208	2,650	2,182
32	46	97 242	15 068,378	224 651,181	14,909	14,441	82	96	4 238	35,653	89,170	2,501	2,033
33	47	97 068	14 189,943	209 582,804	14,770	14,302	83	97	2 842	22,558	53,518	2,372	1,904
34	48	96 873	13 359,971	195 392,860	14,625	14,157	84	98	1 846	13,823	30,960	2,240	1,772
35	49	96 659	12 575,781	182 032,889	14,475	14,007	85	99	1 145	8,085	17,137	2,120	1,652
36	50	96 423	11 835,023	169 457,108	14,318	13,850	86	100	675	4,499	9,052	2,012	1,544
37	51	96 160	11 134,687	157 622,085	14,156	13,688							
38	52	95 865	10 472,152	146 487,398	13,988	13,520							
39	53	95 556	9 847,595	136 015,246	13,812	13,344							
40	54	95 209	9 256,457	126 167,652	13,630	13,162							
41	55	94 830	8 697,678	116 911,195	13,442	12,974							
42	56	94 397	8 167,951	108 213,517	13,249	12,781							
43	57	93 945	7 668,693	100 045,566	13,046	12,578							
44	58	93 443	7 195,948	92 376,873	12,837	12,369							
45	59	92 892	6 748,576	85 180,925	12,622	12,154							
46	60	92 287	6 325,166	78 432,349	12,400	11,932							
47	61	91 625	5 924,300	72 107,184	12,171	11,703							
48	62	90 900	5 544,782	66 182,884	11,936	11,468							
49	63	90 107	5 185,260	60 638,102	11,694	11,226							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	1 699 147,216	17,062	16,594	50	65	88 574	4 808,525	54 154,187	11,262	10,794
1	16	99 240	93 622,552	1 599 558,616	17,085	16,617	51	66	87 582	4 485,531	49 345,662	11,001	10,533
2	17	99 203	88 290,528	1 505 936,065	17,057	16,589	52	67	86 504	4 179,566	44 860,131	10,733	10,265
3	18	99 177	83 271,073	1 417 645,537	17,024	16,556	53	68	85 352	3 890,480	40 680,565	10,456	9,988
4	19	99 149	78 535,554	1 334 374,464	16,991	16,523	54	69	84 100	3 616,414	36 790,086	10,173	9,705
5	20	99 122	74 069,515	1 255 838,909	16,955	16,487	55	70	82 712	3 355,429	33 173,671	9,887	9,419
6	21	99 096	69 859,114	1 181 769,394	16,916	16,449	56	71	81 210	3 107,991	29 818,242	9,594	9,126
7	22	99 071	65 887,701	1 111 910,280	16,876	16,408	57	72	79 581	2 873,248	26 710,251	9,296	8,828
8	23	99 044	62 141,740	1 046 022,580	16,833	16,365	58	73	77 837	2 651,217	23 837,003	8,991	8,523
9	24	99 021	58 610,230	983 880,840	16,787	16,319	59	74	75 943	2 440,293	21 185,787	8,682	8,214
10	25	98 997	55 279,150	925 270,609	16,738	16,270	60	75	73 914	2 240,641	18 745,493	8,366	7,898
11	26	98 970	52 136,120	869 991,460	16,687	16,219	61	76	71 734	2 051,493	16 504,852	8,045	7,577
12	27	98 945	49 172,853	817 855,340	16,632	16,164	62	77	69 403	1 872,457	14 453,359	7,719	7,251
13	28	98 916	46 375,648	768 682,486	16,575	16,107	63	78	66 945	1 703,918	12 580,902	7,384	6,916
14	29	98 883	43 736,135	722 306,838	16,515	16,047	64	79	64 280	1 543,477	10 876,984	7,047	6,579
15	30	98 847	41 245,227	678 570,703	16,452	15,984	65	80	61 419	1 391,304	9 333,508	6,708	6,240
16	31	98 803	38 893,542	637 325,476	16,386	15,918	66	81	58 344	1 246,829	7 942,203	6,370	5,902
17	32	98 749	36 671,818	598 431,934	16,319	15,851	67	82	55 045	1 109,753	6 695,375	6,033	5,565
18	33	98 689	34 575,212	561 760,116	16,247	15,780	68	83	51 509	979,689	5 585,621	5,701	5,233
19	34	98 617	32 594,115	527 184,904	16,174	15,706	69	84	47 711	856,073	4 605,932	5,380	4,912
20	35	98 539	30 725,022	494 590,789	16,097	15,629	70	85	43 726	740,159	3 749,860	5,066	4,598
21	36	98 453	28 960,380	463 865,767	16,017	15,549	71	86	39 591	632,245	3 009,701	4,760	4,292
22	37	98 366	27 297,040	434 905,387	15,932	15,464	72	87	35 312	531,987	2 377,456	4,469	4,001
23	38	98 275	25 728,131	407 608,347	15,843	15,375	73	88	30 977	440,257	1 845,469	4,192	3,724
24	39	98 179	24 248,179	381 880,216	15,749	15,281	74	89	26 675	357,660	1 405,211	3,929	3,461
25	40	98 070	22 850,285	357 632,037	15,651	15,183	75	90	22 514	284,788	1 047,551	3,678	3,210
26	41	97 965	21 533,709	334 781,752	15,547	15,079	76	91	18 545	221,296	762,764	3,447	2,979
27	42	97 850	20 290,985	313 248,043	15,438	14,970	77	92	14 888	167,609	541,467	3,231	2,763
28	43	97 727	19 118,391	292 957,058	15,323	14,855	78	93	11 603	123,233	373,858	3,034	2,566
29	44	97 595	18 011,729	273 838,667	15,203	14,735	79	94	8 763	87,797	250,625	2,855	2,387
30	45	97 454	16 967,750	255 826,938	15,077	14,609	80	95	6 418	60,664	162,828	2,684	2,216
31	46	97 298	15 981,648	238 859,188	14,946	14,478	81	96	4 519	40,299	102,164	2,535	2,067
32	47	97 127	15 050,534	222 877,540	14,809	14,341	82	97	3 054	25,694	61,866	2,408	1,940
33	48	96 941	14 171,505	207 827,006	14,665	14,197	83	98	2 005	15,909	36,171	2,274	1,806
34	49	96 727	13 339,703	193 655,501	14,517	14,049	84	99	1 257	9,413	20,262	2,153	1,685
35	50	96 496	12 554,603	180 315,798	14,363	13,895	85	100	752	5,310	10,849	2,043	1,575
36	51	96 245	11 813,200	167 761,195	14,201	13,733							
37	52	95 960	11 111,565	155 947,995	14,035	13,567							
38	53	95 653	10 449,067	144 836,429	13,861	13,393							
39	54	95 319	9 823,187	134 387,362	13,681	13,213							
40	55	94 947	9 230,962	124 564,176	13,494	13,026							
41	56	94 534	8 670,607	115 333,214	13,302	12,834							
42	57	94 078	8 140,330	106 662,607	13,103	12,635							
43	58	93 592	7 639,888	98 522,276	12,896	12,428							
44	59	93 053	7 165,915	90 882,389	12,683	12,215							
45	60	92 461	6 717,300	83 716,474	12,463	11,995							
46	61	91 814	6 292,738	76 999,174	12,236	11,768							
47	62	91 113	5 891,205	70 706,437	12,002	11,534							
48	63	90 344	5 510,838	64 815,231	11,761	11,293							
49	64	89 498	5 150,206	59 304,394	11,515	11,047							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	1 696 839,717	17,040	16,573	50	66	87 864	4 769,991	52 789,507	11,067	10,599
1	17	99 227	93 610,583	1 597 262,647	17,063	16,595	51	67	86 815	4 446,248	48 019,516	10,800	10,332
2	18	99 190	88 279,081	1 503 652,064	17,033	16,565	52	68	85 694	4 140,454	43 573,268	10,524	10,056
3	19	99 161	83 257,557	1 415 372,983	17,000	16,532	53	69	84 481	3 850,781	39 432,814	10,240	9,772
4	20	99 133	78 522,645	1 332 115,427	16,965	16,497	54	70	83 129	3 574,658	35 582,033	9,954	9,486
5	21	99 105	74 057,391	1 253 592,781	16,927	16,459	55	71	81 674	3 313,313	32 007,374	9,660	9,192
6	22	99 080	69 847,252	1 179 535,390	16,887	16,419	56	72	80 088	3 065,056	28 694,062	9,362	8,894
7	23	99 054	65 876,646	1 109 688,138	16,845	16,377	57	73	78 391	2 830,299	25 629,006	9,055	8,587
8	24	99 028	62 131,576	1 043 811,492	16,800	16,332	58	74	76 534	2 606,846	22 798,707	8,746	8,278
9	25	99 004	58 600,603	981 679,916	16,752	16,284	59	75	74 561	2 395,899	20 191,861	8,428	7,960
10	26	98 977	55 268,403	923 079,313	16,702	16,234	60	76	72 426	2 195,559	17 795,962	8,105	7,637
11	27	98 952	52 126,827	867 810,910	16,648	16,180	61	77	70 146	2 006,055	15 600,403	7,777	7,309
12	28	98 925	49 162,645	815 684,083	16,592	16,124	62	78	67 741	1 827,634	13 594,348	7,438	6,971
13	29	98 892	46 364,611	766 521,544	16,532	16,065	63	79	65 124	1 657,558	11 766,715	7,099	6,631
14	30	98 859	43 725,342	720 156,932	16,470	16,002	64	80	62 300	1 495,925	10 109,156	6,758	6,290
15	31	98 819	41 233,563	676 431,590	16,405	15,937	65	81	59 253	1 342,245	8 613,231	6,417	5,949
16	32	98 771	38 881,018	635 198,027	16,337	15,869	66	82	55 986	1 196,438	7 270,987	6,077	5,609
17	33	98 716	36 659,500	596 317,008	16,266	15,798	67	83	52 458	1 057,592	6 074,549	5,744	5,276
18	34	98 655	34 563,103	559 657,509	16,192	15,724	68	84	48 666	925,615	5 016,957	5,420	4,952
19	35	98 579	32 581,671	525 094,405	16,116	15,648	69	85	44 667	801,465	4 091,342	5,105	4,637
20	36	98 493	30 710,675	492 512,735	16,037	15,569	70	86	40 503	685,614	3 289,877	4,798	4,330
21	37	98 406	28 946,570	461 802,060	15,954	15,486	71	87	36 215	578,328	2 604,263	4,503	4,035
22	38	98 316	27 283,257	432 855,490	15,865	15,397	72	88	31 813	479,270	2 025,935	4,227	3,759
23	39	98 221	25 713,875	405 572,233	15,773	15,305	73	89	27 467	390,374	1 546,665	3,962	3,494
24	40	98 115	24 232,402	379 858,358	15,676	15,208	74	90	23 239	311,591	1 156,291	3,711	3,243
25	41	98 008	22 835,818	355 625,956	15,573	15,105	75	91	19 202	242,891	844,699	3,478	3,010
26	42	97 893	21 517,926	332 790,138	15,466	14,998	76	92	15 468	184,577	601,809	3,260	2,793
27	43	97 771	20 274,613	311 272,212	15,353	14,885	77	93	12 090	136,107	417,232	3,065	2,597
28	44	97 640	19 101,267	290 997,599	15,234	14,766	78	94	9 173	97,421	281,124	2,886	2,418
29	45	97 502	17 994,692	271 896,332	15,110	14,642	79	95	6 752	67,651	183,703	2,715	2,247
30	46	97 349	16 949,498	253 901,640	14,980	14,512	80	96	4 786	45,240	116,052	2,565	2,097
31	47	97 183	15 962,723	236 952,141	14,844	14,376	81	97	3 257	29,043	70,812	2,438	1,970
32	48	97 001	15 030,978	220 989,418	14,702	14,234	82	98	2 154	18,121	41,769	2,305	1,837
33	49	96 794	14 150,005	205 958,441	14,555	14,087	83	99	1 365	10,834	23,648	2,183	1,715
34	50	96 564	13 317,238	191 808,435	14,403	13,935	84	100	826	6,182	12,814	2,073	1,605
35	51	96 318	12 531,453	178 491,197	14,243	13,775							
36	52	96 045	11 788,670	165 959,744	14,078	13,610							
37	53	95 749	11 087,071	154 171,074	13,905	13,438							
38	54	95 416	10 423,168	143 084,003	13,727	13,260							
39	55	95 057	9 796,131	132 660,835	13,542	13,074							
40	56	94 652	9 202,232	122 864,704	13,352	12,884							
41	57	94 215	8 641,287	113 662,472	13,153	12,685							
42	58	93 725	8 109,753	105 021,185	12,950	12,482							
43	59	93 201	7 608,002	96 911,432	12,738	12,270							
44	60	92 622	7 132,705	89 303,430	12,520	12,052							
45	61	91 987	6 682,861	82 170,726	12,296	11,828							
46	62	91 301	6 257,585	75 487,865	12,063	11,595							
47	63	90 555	5 855,140	69 230,279	11,824	11,356							
48	64	89 733	5 473,583	63 375,139	11,578	11,110							
49	65	88 835	5 112,049	57 901,556	11,326	10,859							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	1 694 378,980	17,018	16,550	50	67	87 094	4 728,216	51 357,861	10,862	10,394
1	18	99 214	93 598,446	1 594 814,639	17,039	16,571	51	68	86 002	4 404,640	46 629,645	10,586	10,119
2	19	99 174	88 264,751	1 501 216,193	17,008	16,540	52	69	84 820	4 098,205	42 225,004	10,303	9,835
3	20	99 145	83 243,872	1 412 951,442	16,974	16,506	53	70	83 506	3 806,319	38 126,800	10,017	9,549
4	21	99 117	78 509,793	1 329 707,570	16,937	16,469	54	71	82 085	3 529,790	34 320,480	9,723	9,255
5	22	99 089	74 044,817	1 251 197,777	16,898	16,430	55	72	80 546	3 267,541	30 790,691	9,423	8,955
6	23	99 063	69 835,533	1 177 152,961	16,856	16,388	56	73	78 891	3 019,240	27 523,150	9,116	8,648
7	24	99 038	65 865,872	1 107 317,428	16,812	16,344	57	74	77 079	2 782,931	24 503,910	8,805	8,337
8	25	99 012	62 121,370	1 041 451,556	16,765	16,297	58	75	75 142	2 559,422	21 720,979	8,487	8,019
9	26	98 985	58 589,210	979 330,186	16,715	16,247	59	76	73 061	2 347,694	19 161,557	8,162	7,694
10	27	98 960	55 258,552	920 740,976	16,662	16,194	60	77	70 822	2 146,930	16 813,864	7,832	7,364
11	28	98 932	52 115,894	865 482,425	16,607	16,139	61	78	68 466	1 958,033	14 666,933	7,491	7,023
12	29	98 901	49 150,839	813 366,531	16,548	16,080	62	79	65 898	1 777,908	12 708,901	7,148	6,680
13	30	98 868	46 353,170	764 215,692	16,487	16,019	63	80	63 117	1 606,492	10 930,992	6,804	6,336
14	31	98 831	43 712,977	717 862,521	16,422	15,954	64	81	60 103	1 443,176	9 324,500	6,461	5,993
15	32	98 787	41 220,286	674 149,544	16,355	15,887	65	82	56 859	1 287,997	7 881,324	6,119	5,651
16	33	98 738	38 867,958	632 929,258	16,284	15,816	66	83	53 354	1 140,203	6 593,327	5,783	5,315
17	34	98 681	36 646,661	594 061,300	16,211	15,743	67	84	49 562	999,217	5 453,124	5,457	4,989
18	35	98 617	34 549,907	557 414,640	16,134	15,666	68	85	45 562	866,571	4 453,907	5,140	4,672
19	36	98 533	32 566,457	522 864,732	16,055	15,587	69	86	41 376	742,402	3 587,335	4,832	4,364
20	37	98 446	30 696,030	490 298,275	15,973	15,505	70	87	37 049	627,146	2 844,933	4,536	4,068
21	38	98 356	28 931,954	459 602,245	15,886	15,418	71	88	32 626	521,019	2 217,787	4,257	3,789
22	39	98 262	27 268,139	430 670,291	15,794	15,326	72	89	28 208	424,966	1 696,768	3,993	3,525
23	40	98 157	25 697,144	403 402,152	15,698	15,230	73	90	23 929	340,092	1 271,802	3,740	3,272
24	41	98 053	24 217,060	377 705,008	15,597	15,129	74	91	19 820	265,751	931,710	3,506	3,038
25	42	97 937	22 819,081	353 487,948	15,491	15,023	75	92	16 016	202,588	665,959	3,287	2,819
26	43	97 814	21 500,564	330 668,868	15,380	14,912	76	93	12 561	149,887	463,371	3,091	2,624
27	44	97 684	20 256,453	309 168,303	15,263	14,795	77	94	9 558	107,598	313,484	2,913	2,445
28	45	97 547	19 083,200	288 911,850	15,140	14,672	78	95	7 068	75,067	205,886	2,743	2,275
29	46	97 397	17 975,336	269 828,650	15,011	14,543	79	96	5 035	50,451	130,819	2,593	2,125
30	47	97 234	16 929,427	251 853,314	14,877	14,409	80	97	3 449	32,604	80,368	2,465	1,997
31	48	97 056	15 941,981	234 923,887	14,736	14,268	81	98	2 297	20,483	47,764	2,332	1,864
32	49	96 854	15 008,174	218 981,905	14,591	14,123	82	99	1 467	12,340	27,282	2,211	1,743
33	50	96 631	14 126,176	203 973,731	14,439	13,971	83	100	897	7,115	14,941	2,100	1,632
34	51	96 386	13 292,682	189 847,555	14,282	13,814							
35	52	96 118	12 505,432	176 554,873	14,118	13,650							
36	53	95 834	11 762,683	164 049,441	13,947	13,479							
37	54	95 512	11 059,591	152 286,758	13,770	13,302							
38	55	95 154	10 394,460	141 227,168	13,587	13,119							
39	56	94 761	9 765,642	130 832,708	13,397	12,929							
40	57	94 331	9 171,114	121 067,066	13,201	12,733							
41	58	93 861	8 608,827	111 895,953	12,998	12,530							
42	59	93 334	8 075,906	103 287,125	12,790	12,322							
43	60	92 770	7 572,743	95 211,219	12,573	12,105							
44	61	92 147	7 096,137	87 638,476	12,350	11,882							
45	62	91 473	6 645,530	80 542,339	12,120	11,652							
46	63	90 742	6 219,277	73 896,810	11,882	11,414							
47	64	89 943	5 815,558	67 677,533	11,637	11,169							
48	65	89 068	5 433,031	61 861,975	11,386	10,918							
49	66	88 123	5 071,083	56 428,944	11,128	10,660							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	1 691 757,246	16,994	16,526	50	68	86 279	4 683,970	49 858,930	10,645	10,177
1	19	99 198	93 583,253	1 592 205,814	17,014	16,546	51	69	85 125	4 359,696	45 174,960	10,362	9,894
2	20	99 158	88 250,243	1 498 622,561	16,982	16,514	52	70	83 841	4 050,885	40 815,265	10,076	9,608
3	21	99 129	83 230,246	1 410 372,318	16,945	16,477	53	71	82 458	3 758,543	36 764,379	9,782	9,314
4	22	99 100	78 496,462	1 327 142,071	16,907	16,439	54	72	80 951	3 481,028	33 005,836	9,482	9,014
5	23	99 072	74 032,393	1 248 645,609	16,866	16,398	55	73	79 342	3 218,698	29 524,808	9,173	8,705
6	24	99 047	69 824,111	1 174 613,216	16,822	16,354	56	74	77 570	2 968,710	26 306,110	8,861	8,393
7	25	99 022	65 855,052	1 104 789,105	16,776	16,308	57	75	75 677	2 732,303	23 337,401	8,541	8,073
8	26	98 993	62 109,292	1 038 934,053	16,728	16,260	58	76	73 630	2 507,926	20 605,097	8,216	7,748
9	27	98 968	58 578,767	976 824,760	16,675	16,207	59	77	71 443	2 295,695	18 097,171	7,883	7,415
10	28	98 939	55 246,961	918 245,994	16,621	16,153	60	78	69 127	2 095,536	15 801,476	7,541	7,073
11	29	98 908	52 103,491	862 999,032	16,563	16,095	61	79	66 604	1 904,760	13 705,940	7,196	6,728
12	30	98 877	49 138,711	810 895,542	16,502	16,034	62	80	63 868	1 723,134	11 801,180	6,849	6,381
13	31	98 840	46 340,062	761 756,831	16,438	15,970	63	81	60 892	1 549,844	10 078,047	6,503	6,035
14	32	98 799	43 698,902	715 416,769	16,372	15,904	64	82	57 674	1 384,850	8 528,202	6,158	5,690
15	33	98 754	41 206,440	671 717,867	16,301	15,833	65	83	54 186	1 227,459	7 143,352	5,820	5,352
16	34	98 704	38 854,345	630 511,427	16,228	15,760	66	84	50 409	1 077,268	5 915,894	5,492	5,024
17	35	98 643	36 632,669	591 657,082	16,151	15,683	67	85	46 401	935,479	4 838,626	5,172	4,704
18	36	98 571	34 533,775	555 024,413	16,072	15,604	68	86	42 204	802,711	3 903,146	4,862	4,394
19	37	98 486	32 550,927	520 490,638	15,990	15,522	69	87	37 847	679,091	3 100,436	4,566	4,098
20	38	98 397	30 680,531	487 939,711	15,904	15,436	70	88	33 378	564,999	2 421,344	4,286	3,818
21	39	98 302	28 915,922	457 259,180	15,813	15,345	71	89	28 930	461,985	1 856,345	4,018	3,550
22	40	98 198	27 250,397	428 343,257	15,719	15,251	72	90	24 575	370,228	1 394,360	3,766	3,298
23	41	98 095	25 680,875	401 092,861	15,618	15,150	73	91	20 409	290,058	1 024,132	3,531	3,063
24	42	97 981	24 199,310	375 411,986	15,513	15,045	74	92	16 532	221,655	734,073	3,312	2,844
25	43	97 858	22 800,669	351 212,676	15,404	14,936	75	93	13 006	164,513	512,418	3,115	2,647
26	44	97 727	21 481,307	328 412,007	15,288	14,820	76	94	9 930	118,492	347,906	2,936	2,468
27	45	97 591	20 237,294	306 930,700	15,167	14,699	77	95	7 365	82,909	229,414	2,767	2,299
28	46	97 442	19 062,673	286 693,406	15,040	14,572	78	96	5 271	55,981	146,505	2,617	2,149
29	47	97 282	17 954,050	267 630,733	14,906	14,438	79	97	3 629	36,359	90,524	2,490	2,022
30	48	97 108	16 907,429	249 676,684	14,767	14,299	80	98	2 433	22,994	54,165	2,356	1,888
31	49	96 909	15 917,796	232 769,254	14,623	14,155	81	99	1 564	13,948	31,170	2,235	1,767
32	50	96 690	14 982,899	216 851,459	14,473	14,005	82	100	963	8,104	17,222	2,125	1,657
33	51	96 453	14 100,129	201 868,559	14,317	13,849							
34	52	96 185	13 265,080	187 768,430	14,155	13,687							
35	53	95 906	12 477,865	174 503,351	13,985	13,517							
36	54	95 596	11 733,528	162 025,486	13,809	13,341							
37	55	95 249	11 029,130	150 291,958	13,627	13,159							
38	56	94 857	10 362,108	139 262,828	13,440	12,972							
39	57	94 441	9 732,618	128 900,720	13,244	12,776							
40	58	93 977	9 136,664	119 168,102	13,043	12,575							
41	59	93 469	8 572,898	110 031,437	12,835	12,367							
42	60	92 901	8 038,479	101 458,540	12,622	12,154							
43	61	92 294	7 533,919	93 420,061	12,400	11,932							
44	62	91 632	7 056,496	85 886,142	12,171	11,703							
45	63	90 913	6 604,846	78 829,646	11,935	11,467							
46	64	90 129	6 177,233	72 224,799	11,692	11,224							
47	65	89 277	5 772,472	66 047,566	11,442	10,974							
48	66	88 355	5 389,492	60 275,094	11,184	10,716							
49	67	87 351	5 026,672	54 885,602	10,919	10,451							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	1 688 965,235	16,969	16,501	50	69	85 399	4 636,175	48 291,599	10,416	9,948
1	20	99 182	93 567,871	1 589 429,962	16,987	16,519	51	70	84 142	4 309,357	43 655,424	10,130	9,662
2	21	99 142	88 235,798	1 495 862,091	16,953	16,485	52	71	82 788	4 000,040	39 346,067	9,836	9,368
3	22	99 112	83 216,114	1 407 626,293	16,915	16,447	53	72	81 318	3 706,621	35 346,028	9,536	9,068
4	23	99 083	78 483,292	1 324 410,179	16,875	16,407	54	73	79 741	3 428,994	31 639,407	9,227	8,759
5	24	99 056	74 020,285	1 245 926,887	16,832	16,364	55	74	78 014	3 164,830	28 210,413	8,914	8,446
6	25	99 031	69 812,641	1 171 906,602	16,786	16,318	56	75	76 159	2 914,703	25 045,583	8,593	8,125
7	26	99 002	65 842,249	1 102 093,961	16,738	16,270	57	76	74 154	2 677,329	22 130,881	8,266	7,798
8	27	98 975	62 098,222	1 036 251,712	16,687	16,219	58	77	71 999	2 452,379	19 453,551	7,933	7,465
9	28	98 947	58 566,480	974 153,490	16,633	16,165	59	78	69 733	2 240,740	17 001,173	7,587	7,119
10	29	98 915	55 233,813	915 587,010	16,577	16,109	60	79	67 246	2 038,522	14 760,433	7,241	6,773
11	30	98 884	52 090,633	860 353,197	16,516	16,049	61	80	64 552	1 846,077	12 721,911	6,891	6,423
12	31	98 849	49 124,815	808 262,563	16,453	15,985	62	81	61 616	1 662,374	10 875,834	6,542	6,074
13	32	98 808	46 325,141	759 137,749	16,387	15,919	63	82	58 431	1 487,207	9 213,461	6,195	5,727
14	33	98 766	43 684,223	712 812,608	16,317	15,849	64	83	54 963	1 319,759	7 726,254	5,854	5,386
15	34	98 719	41 192,008	669 128,385	16,244	15,776	65	84	51 195	1 159,708	6 406,495	5,524	5,056
16	35	98 666	38 839,511	627 936,377	16,167	15,699	66	85	47 194	1 008,551	5 246,787	5,202	4,734
17	36	98 597	36 615,564	589 096,866	16,089	15,621	67	86	42 982	866,540	4 238,236	4,891	4,423
18	37	98 524	34 517,307	552 481,302	16,006	15,538	68	87	38 605	734,257	3 371,695	4,592	4,124
19	38	98 436	32 534,491	517 963,995	15,920	15,452	69	88	34 097	611,797	2 637,439	4,311	3,843
20	39	98 342	30 663,531	485 429,504	15,831	15,363	70	89	29 596	500,982	2 025,642	4,043	3,575
21	40	98 238	28 897,108	454 765,973	15,737	15,269	71	90	25 203	402,479	1 524,659	3,788	3,320
22	41	98 136	27 233,144	425 868,865	15,638	15,170	72	91	20 960	315,761	1 122,181	3,554	3,086
23	42	98 023	25 662,052	398 635,721	15,534	15,066	73	92	17 022	241,930	806,419	3,333	2,865
24	43	97 902	24 179,785	372 973,669	15,425	14,957	74	93	13 424	179,996	564,490	3,136	2,668
25	44	97 770	22 780,247	348 793,884	15,311	14,843	75	94	10 282	130,054	384,494	2,956	2,488
26	45	97 634	21 460,988	326 013,637	15,191	14,723	76	95	7 651	91,303	254,440	2,787	2,319
27	46	97 486	20 215,525	304 552,649	15,065	14,597	77	96	5 492	61,829	163,137	2,639	2,171
28	47	97 327	19 040,099	284 337,123	14,934	14,466	78	97	3 799	40,345	101,307	2,511	2,043
29	48	97 156	17 930,721	265 297,024	14,796	14,328	79	98	2 559	25,643	60,963	2,377	1,909
30	49	96 960	16 881,779	247 366,303	14,653	14,185	80	99	1 657	15,659	35,320	2,256	1,788
31	50	96 746	15 890,989	230 484,525	14,504	14,036	81	100	1 027	9,160	19,661	2,146	1,678
32	51	96 512	14 955,273	214 593,535	14,349	13,881							
33	52	96 253	14 070,850	199 638,263	14,188	13,720							
34	53	95 973	13 235,838	185 567,413	14,020	13,552							
35	54	95 668	12 446,937	172 331,575	13,845	13,377							
36	55	95 333	11 701,211	159 884,638	13,664	13,196							
37	56	94 952	10 994,803	148 183,427	13,478	13,010							
38	57	94 537	10 327,068	137 188,624	13,284	12,816							
39	58	94 086	9 696,060	126 861,556	13,084	12,616							
40	59	93 585	9 098,532	117 165,497	12,877	12,409							
41	60	93 036	8 533,167	108 066,965	12,664	12,196							
42	61	92 425	7 997,267	99 533,798	12,446	11,978							
43	62	91 778	7 491,833	91 536,531	12,218	11,750							
44	63	91 071	7 013,297	84 044,698	11,984	11,516							
45	64	90 299	6 560,196	77 031,401	11,742	11,274							
46	65	89 461	6 131,468	70 471,205	11,493	11,025							
47	66	88 561	5 726,213	64 339,737	11,236	10,768							
48	67	87 581	5 342,292	58 613,524	10,972	10,504							
49	68	86 534	4 979,632	53 271,232	10,698	10,230							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	1 685 996,408	16,941	16,474	50	70	84 413	4 582,644	46 655,868	10,181	9,713
1	21	99 166	93 552,556	1 586 477,496	16,958	16,490	51	71	83 086	4 255,267	42 073,224	9,887	9,419
2	22	99 125	88 220,816	1 492 924,940	16,923	16,455	52	72	81 645	3 944,781	37 817,957	9,587	9,119
3	23	99 095	83 202,152	1 404 704,124	16,883	16,415	53	73	80 103	3 651,215	33 873,176	9,277	8,809
4	24	99 067	78 470,455	1 321 501,972	16,841	16,373	54	74	78 407	3 371,606	30 221,961	8,964	8,496
5	25	99 040	74 008,126	1 243 031,516	16,796	16,328	55	75	76 595	3 107,255	26 850,355	8,641	8,173
6	26	99 011	69 799,069	1 169 023,391	16,748	16,280	56	76	74 627	2 856,059	23 743,100	8,313	7,845
7	27	98 985	65 830,513	1 099 224,322	16,698	16,230	57	77	72 512	2 618,030	20 887,042	7,978	7,510
8	28	98 954	62 085,197	1 033 393,809	16,645	16,177	58	78	70 276	2 393,672	18 269,012	7,632	7,164
9	29	98 923	58 552,542	971 308,612	16,589	16,121	59	79	67 836	2 179,775	15 875,340	7,283	6,815
10	30	98 891	55 220,183	912 756,070	16,529	16,061	60	80	65 174	1 975,718	13 695,565	6,932	6,464
11	31	98 856	52 075,903	857 535,887	16,467	15,999	61	81	62 276	1 780,982	11 719,847	6,581	6,113
12	32	98 817	49 108,997	805 459,984	16,401	15,934	62	82	59 126	1 595,188	9 938,865	6,231	5,763
13	33	98 775	46 309,580	756 350,987	16,332	15,865	63	83	55 684	1 417,305	8 343,677	5,887	5,419
14	34	98 731	43 668,923	710 041,408	16,260	15,792	64	84	51 929	1 246,913	6 926,372	5,555	5,087
15	35	98 681	41 176,281	666 372,484	16,183	15,715	65	85	47 930	1 085,733	5 679,458	5,231	4,763
16	36	98 620	38 821,375	625 196,203	16,104	15,636	66	86	43 716	934,227	4 593,726	4,917	4,449
17	37	98 550	36 598,104	586 374,828	16,022	15,554	67	87	39 316	792,643	3 659,498	4,617	4,149
18	38	98 474	34 499,878	549 776,724	15,936	15,468	68	88	34 780	661,496	2 866,855	4,334	3,866
19	39	98 382	32 516,464	515 276,846	15,847	15,379	69	89	30 233	542,478	2 205,360	4,065	3,597
20	40	98 278	30 643,580	482 760,382	15,754	15,286	70	90	25 784	436,452	1 662,882	3,810	3,342
21	41	98 175	28 878,813	452 116,803	15,656	15,188	71	91	21 496	343,267	1 226,429	3,573	3,105
22	42	98 064	27 213,184	423 237,990	15,553	15,085	72	92	17 482	263,368	883,162	3,353	2,885
23	43	97 944	25 641,346	396 024,806	15,445	14,977	73	93	13 823	196,460	619,794	3,155	2,687
24	44	97 815	24 158,127	370 383,460	15,332	14,864	74	94	10 613	142,294	423,334	2,975	2,507
25	45	97 677	22 758,700	346 225,333	15,213	14,745	75	95	7 922	100,212	281,040	2,804	2,336
26	46	97 529	21 437,904	323 466,633	15,089	14,621	76	96	5 706	68,089	180,828	2,656	2,188
27	47	97 371	20 191,586	302 028,729	14,958	14,490	77	97	3 958	44,560	112,739	2,530	2,062
28	48	97 201	19 015,359	281 837,143	14,822	14,354	78	98	2 679	28,454	68,179	2,396	1,928
29	49	97 008	17 903,518	262 821,784	14,680	14,212	79	99	1 743	17,462	39,726	2,275	1,807
30	50	96 797	16 853,349	244 918,266	14,532	14,064	80	100	1 088	10,284	22,264	2,165	1,697
31	51	96 568	15 861,688	228 064,917	14,378	13,910							
32	52	96 312	14 924,218	212 203,229	14,219	13,751							
33	53	96 041	14 039,832	197 279,011	14,051	13,583							
34	54	95 736	13 203,032	183 239,180	13,879	13,411							
35	55	95 405	12 412,655	170 036,148	13,699	13,231							
36	56	95 036	11 664,792	157 623,493	13,513	13,045							
37	57	94 631	10 957,623	145 958,701	13,320	12,852							
38	58	94 181	10 288,277	135 001,078	13,122	12,654							
39	59	93 693	9 655,592	124 712,801	12,916	12,448							
40	60	93 151	9 056,365	115 057,209	12,705	12,237							
41	61	92 559	8 489,419	106 000,844	12,486	12,018							
42	62	91 908	7 952,593	97 511,425	12,262	11,794							
43	63	91 217	7 445,969	89 558,832	12,028	11,560							
44	64	90 455	6 965,886	82 112,863	11,788	11,320							
45	65	89 630	6 511,593	75 146,977	11,540	11,073							
46	66	88 744	6 082,332	68 635,384	11,284	10,816							
47	67	87 786	5 676,064	62 553,052	11,020	10,553							
48	68	86 761	5 292,299	56 876,988	10,747	10,279							
49	69	85 651	4 928,820	51 584,689	10,466	9,998							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	1 682 840,639	16,913	16,445	50	71	83 353	4 525,124	44 954,106	9,934	9,466
1	22	99 149	93 536,671	1 583 338,017	16,927	16,459	51	72	81 938	4 196,483	40 428,982	9,634	9,166
2	23	99 108	88 206,015	1 489 801,346	16,890	16,422	52	73	80 424	3 885,815	36 232,499	9,324	8,856
3	24	99 079	83 188,544	1 401 595,331	16,848	16,380	53	74	78 762	3 590,108	32 346,684	9,010	8,542
4	25	99 051	78 457,565	1 318 406,787	16,804	16,336	54	75	76 980	3 310,269	28 756,577	8,687	8,219
5	26	99 020	73 993,737	1 239 949,222	16,757	16,290	55	76	75 054	3 044,737	25 446,308	8,357	7,890
6	27	98 994	69 786,628	1 165 955,485	16,707	16,239	56	77	72 974	2 792,800	22 401,571	8,021	7,553
7	28	98 964	65 816,705	1 096 168,857	16,655	16,187	57	78	70 776	2 555,358	19 608,770	7,674	7,206
8	29	98 931	62 070,422	1 030 352,152	16,600	16,132	58	79	68 364	2 328,547	17 053,412	7,324	6,856
9	30	98 899	58 538,093	968 281,730	16,541	16,073	59	80	65 746	2 112,619	14 724,865	6,970	6,502
10	31	98 863	55 204,568	909 743,637	16,479	16,012	60	81	62 876	1 906,052	12 612,246	6,617	6,149
11	32	98 824	52 059,134	854 539,069	16,415	15,947	61	82	59 759	1 709,003	10 706,195	6,265	5,797
12	33	98 784	49 092,500	802 479,935	16,346	15,878	62	83	56 347	1 520,211	8 997,192	5,918	5,450
13	34	98 740	46 293,361	753 387,435	16,274	15,806	63	84	52 611	1 339,076	7 476,981	5,584	5,116
14	35	98 694	43 652,251	707 094,074	16,198	15,730	64	85	48 617	1 167,375	6 137,905	5,258	4,790
15	36	98 635	41 157,054	663 441,823	16,120	15,652	65	86	44 398	1 005,721	4 970,530	4,942	4,474
16	37	98 573	38 802,863	622 284,769	16,037	15,569	66	87	39 988	854,558	3 964,809	4,640	4,172
17	38	98 501	36 579,624	583 481,906	15,951	15,483	67	88	35 420	714,096	3 110,251	4,356	3,888
18	39	98 420	34 480,761	546 902,281	15,861	15,393	68	89	30 839	586,545	2 396,155	4,085	3,617
19	40	98 318	32 495,307	512 421,520	15,769	15,301	69	90	26 339	472,603	1 809,610	3,829	3,361
20	41	98 216	30 624,178	479 926,213	15,671	15,204	70	91	21 991	372,243	1 337,006	3,592	3,124
21	42	98 103	28 857,646	449 302,035	15,570	15,102	71	92	17 929	286,310	964,763	3,370	2,902
22	43	97 985	27 191,227	420 444,388	15,463	14,995	72	93	14 196	213,869	678,454	3,172	2,704
23	44	97 856	25 618,380	393 253,162	15,350	14,882	73	94	10 928	155,310	464,585	2,991	2,523
24	45	97 722	24 135,277	367 634,782	15,232	14,764	74	95	8 177	109,644	309,275	2,821	2,353
25	46	97 572	22 734,219	343 499,505	15,109	14,641	75	96	5 908	74,733	199,631	2,671	2,203
26	47	97 414	21 412,517	320 765,286	14,980	14,512	76	97	4 112	49,071	124,898	2,545	2,077
27	48	97 244	20 165,350	299 352,768	14,845	14,377	77	98	2 792	31,426	75,828	2,413	1,945
28	49	97 053	18 986,511	279 187,419	14,705	14,237	78	99	1 824	19,376	44,402	2,292	1,824
29	50	96 845	17 873,367	260 200,908	14,558	14,090	79	100	1 145	11,468	25,025	2,182	1,714
30	51	96 619	16 822,273	242 327,540	14,405	13,937							
31	52	96 367	15 828,751	225 505,268	14,247	13,779							
32	53	96 099	14 891,319	209 676,517	14,080	13,612							
33	54	95 803	14 005,033	194 785,198	13,908	13,440							
34	55	95 472	13 166,667	180 780,165	13,730	13,262							
35	56	95 108	12 374,022	167 613,498	13,546	13,078							
36	57	94 715	11 625,347	155 239,476	13,354	12,886							
37	58	94 276	10 916,463	143 614,129	13,156	12,688							
38	59	93 788	10 245,338	132 697,667	12,952	12,484							
39	60	93 259	9 610,844	122 452,329	12,741	12,273							
40	61	92 674	9 009,935	112 841,485	12,524	12,056							
41	62	92 042	8 441,996	103 831,550	12,299	11,831							
42	63	91 346	7 903,908	95 389,555	12,069	11,601							
43	64	90 600	7 395,633	87 485,647	11,829	11,361							
44	65	89 785	6 914,277	80 090,014	11,583	11,115							
45	66	88 911	6 459,411	73 175,737	11,329	10,861							
46	67	87 967	6 029,064	66 716,326	11,066	10,598							
47	68	86 964	5 622,948	60 687,262	10,793	10,325							
48	69	85 876	5 238,297	55 064,314	10,512	10,044							
49	70	84 662	4 871,911	49 826,017	10,227	9,759							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	1 679 486,941	16,882	16,414	50	72	82 202	4 462,612	43 187,019	9,678	9,210
1	23	99 132	93 520,977	1 580 001,214	16,895	16,427	51	73	80 713	4 133,754	38 724,408	9,368	8,900
2	24	99 092	88 191,588	1 486 480,236	16,855	16,387	52	74	79 078	3 820,782	34 590,653	9,053	8,585
3	25	99 063	83 174,879	1 398 288,648	16,811	16,343	53	75	77 329	3 524,796	30 769,872	8,730	8,262
4	26	99 032	78 442,312	1 315 113,770	16,765	16,297	54	76	75 432	3 243,667	27 245,075	8,399	7,932
5	27	99 003	73 980,549	1 236 671,458	16,716	16,248	55	77	73 391	2 977,300	24 001,409	8,061	7,594
6	28	98 973	69 771,990	1 162 690,909	16,664	16,196	56	78	71 227	2 725,945	21 024,109	7,713	7,245
7	29	98 940	65 801,042	1 092 918,919	16,609	16,141	57	79	68 850	2 485,833	18 298,164	7,361	6,893
8	30	98 906	62 055,105	1 027 117,878	16,552	16,084	58	80	66 257	2 256,808	15 812,331	7,007	6,539
9	31	98 871	58 521,539	965 062,773	16,491	16,023	59	81	63 427	2 038,125	13 555,523	6,651	6,183
10	32	98 831	55 186,792	906 541,233	16,427	15,959	60	82	60 335	1 829,018	11 517,398	6,297	5,829
11	33	98 791	52 041,647	851 354,442	16,359	15,891	61	83	56 950	1 628,676	9 688,380	5,949	5,481
12	34	98 749	49 075,307	799 312,795	16,287	15,820	62	84	53 236	1 436,301	8 059,704	5,611	5,143
13	35	98 703	46 275,686	750 237,488	16,212	15,744	63	85	49 255	1 253,659	6 623,403	5,283	4,815
14	36	98 647	43 631,868	703 961,801	16,134	15,666	64	86	45 034	1 081,347	5 369,744	4,966	4,498
15	37	98 588	41 137,428	660 329,933	16,052	15,584	65	87	40 611	919,954	4 288,397	4,662	4,194
16	38	98 523	38 783,210	619 192,505	15,965	15,497	66	88	36 025	769,876	3 368,443	4,375	3,907
17	39	98 446	36 559,355	580 409,235	15,876	15,408	67	89	31 407	633,186	2 598,567	4,104	3,636
18	40	98 356	34 458,327	543 849,880	15,783	15,315	68	90	26 867	510,995	1 965,381	3,846	3,378
19	41	98 256	32 474,733	509 391,553	15,686	15,218	69	91	22 464	403,075	1 454,386	3,608	3,140
20	42	98 144	30 601,733	476 916,820	15,585	15,117	70	92	18 342	310,477	1 051,310	3,386	2,918
21	43	98 024	28 834,362	446 315,087	15,479	15,011	71	93	14 559	232,499	740,833	3,186	2,718
22	44	97 897	27 166,872	417 480,725	15,367	14,899	72	94	11 223	169,072	508,334	3,007	2,539
23	45	97 763	25 594,149	390 313,853	15,250	14,782	73	95	8 420	119,673	339,262	2,835	2,367
24	46	97 617	24 109,316	364 719,705	15,128	14,660	74	96	6 098	81,767	219,589	2,686	2,218
25	47	97 457	22 707,298	340 610,389	15,000	14,532	75	97	4 258	53,859	137,823	2,559	2,091
26	48	97 287	21 384,694	317 903,091	14,866	14,398	76	98	2 900	34,608	83,964	2,426	1,958
27	49	97 097	20 134,577	296 518,397	14,727	14,259	77	99	1 901	21,400	49,356	2,306	1,838
28	50	96 890	18 954,536	276 383,640	14,581	14,113	78	100	1 198	12,725	27,956	2,197	1,729
29	51	96 666	17 840,411	257 429,104	14,430	13,962							
30	52	96 418	16 787,341	239 588,693	14,272	13,804							
31	53	96 155	15 793,858	222 801,352	14,107	13,639							
32	54	95 861	14 854,409	207 007,494	13,936	13,468							
33	55	95 539	13 966,459	192 153,085	13,758	13,290							
34	56	95 175	13 125,687	178 186,626	13,575	13,107							
35	57	94 786	12 332,178	165 060,938	13,385	12,917							
36	58	94 359	11 581,679	152 728,760	13,187	12,719							
37	59	93 882	10 870,902	141 147,081	12,984	12,516							
38	60	93 354	10 197,856	130 276,179	12,775	12,307							
39	61	92 781	9 561,571	120 078,323	12,558	12,090							
40	62	92 156	8 959,604	110 516,752	12,335	11,867							
41	63	91 478	8 390,315	101 557,149	12,104	11,636							
42	64	90 728	7 850,476	93 166,834	11,868	11,400							
43	65	89 929	7 340,840	85 316,358	11,622	11,154							
44	66	89 066	6 858,868	77 975,518	11,369	10,901							
45	67	88 133	6 402,841	71 116,650	11,107	10,639							
46	68	87 144	5 972,645	64 713,809	10,835	10,367							
47	69	86 077	5 565,571	58 741,165	10,554	10,086							
48	70	84 884	5 177,814	53 175,593	10,270	9,802							
49	71	83 599	4 810,760	47 997,779	9,977	9,509							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	1 675 924,426	16,849	16,381	50	73	80 973	4 395,905	41 356,470	9,408	8,940
1	24	99 116	93 505,681	1 576 455,390	16,859	16,391	51	74	79 362	4 064,572	36 960,565	9,093	8,625
2	25	99 076	88 177,101	1 482 949,709	16,818	16,350	52	75	77 640	3 751,274	32 895,993	8,769	8,301
3	26	99 043	83 158,708	1 394 772,609	16,772	16,304	53	76	75 774	3 453,877	29 144,719	8,438	7,970
4	27	99 014	78 428,330	1 311 613,900	16,724	16,256	54	77	73 761	3 171,823	25 690,842	8,100	7,632
5	28	98 982	73 965,032	1 233 185,570	16,673	16,205	55	78	71 635	2 906,028	22 519,019	7,749	7,281
6	29	98 949	69 755,385	1 159 220,539	16,618	16,150	56	79	69 289	2 651,779	19 612,991	7,396	6,928
7	30	98 916	65 784,804	1 089 465,153	16,561	16,093	57	80	66 729	2 409,249	16 961,212	7,040	6,572
8	31	98 878	62 037,556	1 023 680,349	16,501	16,033	58	81	63 921	2 177,229	14 551,964	6,684	6,216
9	32	98 839	58 502,695	961 642,793	16,438	15,970	59	82	60 864	1 955,754	12 374,734	6,327	5,859
10	33	98 798	55 168,254	903 140,098	16,371	15,903	60	83	57 499	1 743,050	10 418,980	5,977	5,509
11	34	98 756	52 023,421	847 971,843	16,300	15,832	61	84	53 806	1 538,780	8 675,931	5,638	5,170
12	35	98 711	49 056,570	795 948,423	16,225	15,757	62	85	49 841	1 344,683	7 137,151	5,308	4,840
13	36	98 657	46 254,078	746 891,852	16,148	15,680	63	86	45 625	1 161,272	5 792,468	4,988	4,520
14	37	98 600	43 611,062	700 637,774	16,066	15,598	64	87	41 194	989,131	4 631,197	4,682	4,214
15	38	98 538	41 116,657	657 026,712	15,980	15,512	65	88	36 587	828,792	3 642,065	4,394	3,926
16	39	98 469	38 761,786	615 910,055	15,890	15,422	66	89	31 943	682,646	2 813,273	4,121	3,653
17	40	98 382	36 535,568	577 148,275	15,797	15,329	67	90	27 361	551,628	2 130,628	3,862	3,394
18	41	98 293	34 436,510	540 612,707	15,699	15,231	68	91	22 914	435,819	1 579,000	3,623	3,155
19	42	98 184	32 450,931	506 176,197	15,598	15,130	69	92	18 737	336,194	1 143,181	3,400	2,932
20	43	98 065	30 577,041	473 725,266	15,493	15,025	70	93	14 894	252,124	806,987	3,201	2,733
21	44	97 936	28 808,536	443 148,225	15,383	14,915	71	94	11 510	183,800	554,863	3,019	2,551
22	45	97 804	27 141,176	414 339,689	15,266	14,798	72	95	8 648	130,277	371,063	2,848	2,380
23	46	97 658	25 566,618	387 198,513	15,145	14,677	73	96	6 279	89,246	240,785	2,698	2,230
24	47	97 501	24 080,766	361 631,895	15,017	14,549	74	97	4 395	58,928	151,540	2,572	2,104
25	48	97 330	22 677,792	337 551,129	14,885	14,417	75	98	3 003	37,985	92,612	2,438	1,970
26	49	97 140	21 352,251	314 873,337	14,747	14,279	76	99	1 975	23,567	54,627	2,318	1,850
27	50	96 933	20 100,849	293 521,085	14,602	14,134	77	100	1 248	14,055	31,060	2,210	1,742
28	51	96 711	18 919,586	273 420,237	14,452	13,984							
29	52	96 466	17 803,365	254 500,651	14,295	13,827							
30	53	96 205	16 750,335	236 697,286	14,131	13,663							
31	54	95 916	15 754,711	219 946,951	13,961	13,493							
32	55	95 597	14 813,496	204 192,240	13,784	13,316							
33	56	95 241	13 922,990	189 378,744	13,602	13,134							
34	57	94 853	13 081,302	175 455,753	13,413	12,945							
35	58	94 430	12 285,855	162 374,452	13,216	12,748							
36	59	93 965	11 533,342	150 088,597	13,013	12,545							
37	60	93 447	10 820,521	138 555,255	12,805	12,337							
38	61	92 875	10 145,574	127 734,734	12,590	12,122							
39	62	92 262	9 508,158	117 589,160	12,367	11,899							
40	63	91 592	8 904,754	108 081,002	12,137	11,669							
41	64	90 860	8 333,594	99 176,248	11,901	11,433							
42	65	90 056	7 792,313	90 842,654	11,658	11,190							
43	66	89 208	7 282,013	83 050,341	11,405	10,937							
44	67	88 286	6 798,800	75 768,328	11,144	10,676							
45	68	87 308	6 342,924	68 969,528	10,873	10,405							
46	69	86 255	5 911,700	62 626,604	10,594	10,126							
47	70	85 083	5 501,310	56 714,904	10,309	9,841							
48	71	83 819	5 112,823	51 213,595	10,017	9,549							
49	72	82 444	4 744,301	46 100,771	9,717	9,249							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	1 672 140,738	16,813	16,345	50	74	79 618	4 322,335	39 463,635	9,130	8,662
1	25	99 100	93 490,321	1 572 687,971	16,822	16,354	51	75	77 918	3 990,628	35 141,300	8,806	8,338
2	26	99 057	88 159,958	1 479 197,650	16,779	16,311	52	76	76 078	3 675,798	31 150,672	8,475	8,007
3	27	99 026	83 143,886	1 391 037,692	16,730	16,263	53	77	74 095	3 377,378	27 474,874	8,135	7,667
4	28	98 993	78 411,880	1 307 893,806	16,680	16,212	54	78	71 995	3 095,895	24 097,496	7,784	7,316
5	29	98 958	73 947,429	1 229 481,926	16,626	16,158	55	79	69 686	2 826,962	21 001,601	7,429	6,961
6	30	98 925	69 738,172	1 155 534,497	16,570	16,102	56	80	67 155	2 570,082	18 174,639	7,072	6,604
7	31	98 888	65 766,201	1 085 796,325	16,510	16,042	57	81	64 376	2 324,295	15 604,557	6,714	6,246
8	32	98 847	62 017,580	1 020 030,124	16,447	15,979	58	82	61 338	2 089,236	13 280,262	6,357	5,889
9	33	98 806	58 483,044	958 012,544	16,381	15,913	59	83	58 003	1 863,829	11 191,026	6,004	5,536
10	34	98 763	55 148,933	899 529,500	16,311	15,843	60	84	54 325	1 646,841	9 327,197	5,664	5,196
11	35	98 718	52 003,558	844 380,568	16,237	15,769	61	85	50 374	1 440,624	7 680,357	5,331	4,863
12	36	98 665	49 033,664	792 377,009	16,160	15,692	62	86	46 168	1 245,588	6 239,733	5,009	4,542
13	37	98 610	46 232,022	743 343,345	16,079	15,611	63	87	41 734	1 062,240	4 994,145	4,702	4,234
14	38	98 551	43 589,041	697 111,323	15,993	15,525	64	88	37 111	891,114	3 931,905	4,412	3,944
15	39	98 484	41 093,874	653 522,282	15,903	15,435	65	89	32 442	734,886	3 040,791	4,138	3,670
16	40	98 404	38 736,660	612 428,408	15,810	15,342	66	90	27 829	594,717	2 305,905	3,877	3,409
17	41	98 320	36 512,436	573 691,849	15,712	15,244	67	91	23 336	470,474	1 711,188	3,637	3,169
18	42	98 221	34 411,270	537 179,412	15,611	15,143	68	92	19 112	363,504	1 240,714	3,413	2,945
19	43	98 104	32 424,748	502 768,142	15,506	15,038	69	93	15 215	273,008	877,210	3,213	2,745
20	44	97 977	30 549,654	470 343,394	15,396	14,928	70	94	11 775	199,315	604,202	3,031	2,563
21	45	97 844	28 781,287	439 793,740	15,281	14,813	71	95	8 869	141,626	404,887	2,859	2,391
22	46	97 699	27 111,981	411 012,453	15,160	14,692	72	96	6 449	97,154	263,262	2,710	2,242
23	47	97 542	25 536,342	383 900,472	15,033	14,566	73	97	4 525	64,318	166,108	2,583	2,115
24	48	97 375	24 049,476	358 364,130	14,901	14,433	74	98	3 100	41,560	101,790	2,449	1,981
25	49	97 182	22 643,388	334 314,654	14,764	14,296	75	99	2 045	25,867	60,230	2,328	1,861
26	50	96 976	21 316,293	311 671,266	14,621	14,153	76	100	1 297	15,477	34,363	2,220	1,752
27	51	96 755	20 063,785	290 354,973	14,472	14,004							
28	52	96 510	18 880,299	270 291,188	14,316	13,848							
29	53	96 253	17 764,119	251 410,889	14,153	13,685							
30	54	95 967	16 708,818	233 646,770	13,983	13,515							
31	55	95 652	15 711,319	216 937,952	13,808	13,340							
32	56	95 300	14 767,391	201 226,634	13,626	13,158							
33	57	94 919	13 875,908	186 459,243	13,438	12,970							
34	58	94 497	13 032,165	172 583,335	13,243	12,775							
35	59	94 036	12 234,579	159 551,170	13,041	12,573							
36	60	93 530	11 479,891	147 316,591	12,833	12,365							
37	61	92 968	10 765,047	135 836,700	12,618	12,150							
38	62	92 356	10 088,898	125 071,654	12,397	11,929							
39	63	91 698	9 449,950	114 982,755	12,168	11,700							
40	64	90 973	8 844,556	105 532,805	11,932	11,464							
41	65	90 187	8 271,853	96 688,249	11,689	11,221							
42	66	89 334	7 729,868	88 416,397	11,438	10,970							
43	67	88 427	7 218,239	80 686,529	11,178	10,710							
44	68	87 460	6 735,177	73 468,290	10,908	10,440							
45	69	86 417	6 278,201	66 733,113	10,629	10,161							
46	70	85 259	5 843,442	60 454,912	10,346	9,878							
47	71	84 015	5 432,259	54 611,470	10,053	9,585							
48	72	82 661	5 042,192	49 179,212	9,754	9,286							
49	73	81 212	4 673,384	44 137,020	9,444	8,976							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	1 668 122,584	16,776	16,308	50	75	78 170	4 243,703	37 512,652	8,840	8,372
1	26	99 080	93 472,145	1 568 686,154	16,782	16,314	51	76	76 351	3 910,337	33 268,949	8,508	8,040
2	27	99 039	88 144,244	1 475 214,009	16,736	16,268	52	77	74 393	3 594,384	29 358,612	8,168	7,700
3	28	99 005	83 126,447	1 387 069,765	16,686	16,218	53	78	72 322	3 296,529	25 764,229	7,816	7,348
4	29	98 970	78 393,219	1 303 943,318	16,633	16,165	54	79	70 036	3 011,663	22 467,700	7,460	6,992
5	30	98 934	73 929,181	1 225 550,099	16,577	16,109	55	80	67 539	2 739,868	19 456,037	7,101	6,633
6	31	98 897	69 718,451	1 151 620,918	16,518	16,050	56	81	64 787	2 479,457	16 716,169	6,742	6,274
7	32	98 856	65 745,024	1 081 902,467	16,456	15,988	57	82	61 774	2 230,358	14 236,712	6,383	5,915
8	33	98 813	61 396,748	1 016 157,443	16,390	15,923	58	83	58 455	1 991,037	12 006,354	6,030	5,562
9	34	98 771	58 462,561	954 160,695	16,321	15,853	59	84	54 802	1 760,953	10 015,317	5,687	5,219
10	35	98 726	55 127,877	895 698,133	16,248	15,780	60	85	50 860	1 541,792	8 254,364	5,354	4,886
11	36	98 672	51 979,276	840 570,256	16,171	15,703	61	86	46 662	1 334,459	6 712,572	5,030	4,562
12	37	98 618	49 010,282	788 590,980	16,090	15,622	62	87	42 231	1 139,366	5 378,113	4,720	4,252
13	38	98 560	46 208,678	739 580,698	16,005	15,537	63	88	37 599	956,978	4 238,747	4,429	3,961
14	39	98 496	43 564,888	693 372,021	15,916	15,448	64	89	32 907	790,147	3 281,769	4,153	3,685
15	40	98 420	41 067,136	649 807,132	15,823	15,355	65	90	28 263	640,228	2 491,622	3,892	3,424
16	41	98 342	38 712,035	608 739,996	15,725	15,257	66	91	23 735	507,224	1 851,394	3,650	3,182
17	42	98 248	36 485,675	570 027,961	15,623	15,155	67	92	19 464	392,409	1 344,170	3,425	2,957
18	43	98 142	34 383,505	533 542,287	15,517	15,049	68	93	15 520	295,185	951,761	3,224	2,756
19	44	98 016	32 395,705	499 158,781	15,408	14,940	69	94	12 028	215,824	656,576	3,042	2,574
20	45	97 884	30 520,758	466 763,076	15,293	14,825	70	95	9 073	153,581	440,752	2,870	2,402
21	46	97 739	28 750,328	436 242,318	15,173	14,706	71	96	6 614	105,617	287,171	2,719	2,251
22	47	97 583	27 079,875	407 491,989	15,048	14,580	72	97	4 648	70,018	181,554	2,593	2,125
23	48	97 416	25 503,161	380 412,114	14,916	14,448	73	98	3 192	45,361	111,537	2,459	1,991
24	49	97 227	24 012,990	354 908,953	14,780	14,312	74	99	2 111	28,301	66,176	2,338	1,870
25	50	97 019	22 605,255	330 895,962	14,638	14,170	75	100	1 343	16,988	37,874	2,230	1,762
26	51	96 797	21 276,988	308 290,708	14,489	14,021							
27	52	96 554	20 022,122	287 013,720	14,335	13,867							
28	53	96 297	18 838,679	266 991,598	14,173	13,705							
29	54	96 014	17 720,089	248 152,919	14,004	13,536							
30	55	95 703	16 662,797	230 432,830	13,829	13,361							
31	56	95 354	15 662,419	213 770,032	13,649	13,181							
32	57	94 977	14 717,454	198 107,613	13,461	12,993							
33	58	94 563	13 823,786	183 390,160	13,266	12,798							
34	59	94 102	12 977,774	169 566,373	13,066	12,598							
35	60	93 600	12 177,878	156 588,599	12,858	12,390							
36	61	93 050	11 421,036	144 410,721	12,644	12,176							
37	62	92 449	10 704,911	132 989,686	12,423	11,955							
38	63	91 791	10 027,135	122 284,774	12,195	11,727							
39	64	91 078	9 386,067	112 257,639	11,960	11,492							
40	65	90 299	8 779,028	102 871,573	11,718	11,250							
41	66	89 464	8 205,564	94 092,544	11,467	10,999							
42	67	88 552	7 662,172	85 886,980	11,209	10,741							
43	68	87 599	7 150,691	78 224,808	10,939	10,472							
44	69	86 567	6 666,451	71 074,117	10,661	10,193							
45	70	85 419	6 205,711	64 407,666	10,379	9,911							
46	71	84 189	5 770,096	58 201,955	10,087	9,619							
47	72	82 854	5 357,215	52 431,859	9,787	9,319							
48	73	81 425	4 966,822	47 074,644	9,478	9,010							
49	74	79 853	4 595,170	42 107,822	9,163	8,696							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	5 122,508	67 838,277	13,243	12,775
1	0	99 661	94 020,191	1 621 217,289	17,243	16,775	51	50	93 896	4 808,914	62 715,768	13,042	12,574
2	1	99 349	88 420,415	1 527 197,098	17,272	16,804	52	51	93 387	4 512,144	57 906,854	12,834	12,366
3	2	99 314	83 385,840	1 438 776,683	17,254	16,786	53	52	92 821	4 230,926	53 394,710	12,620	12,152
4	3	99 289	78 646,226	1 355 390,843	17,234	16,766	54	53	92 198	3 964,664	49 163,784	12,400	11,933
5	4	99 268	74 178,691	1 276 744,618	17,212	16,744	55	54	91 509	3 712,292	45 199,120	12,176	11,708
6	5	99 250	69 967,096	1 202 565,927	17,188	16,720	56	55	90 738	3 472,655	41 486,828	11,947	11,479
7	6	99 234	65 996,266	1 132 598,831	17,162	16,694	57	56	89 883	3 245,208	38 014,173	11,714	11,246
8	7	99 217	62 250,032	1 066 602,565	17,134	16,666	58	57	88 946	3 029,594	34 768,965	11,476	11,008
9	8	99 205	58 719,176	1 004 352,533	17,104	16,636	59	58	87 927	2 825,379	31 739,371	11,234	10,766
10	9	99 190	55 387,011	945 633,357	17,073	16,605	60	59	86 799	2 631,262	28 913,992	10,989	10,521
11	10	99 177	52 245,229	890 246,346	17,040	16,572	61	60	85 572	2 447,212	26 282,731	10,740	10,272
12	11	99 165	49 281,806	838 001,117	17,004	16,536	62	61	84 231	2 272,524	23 835,519	10,489	10,021
13	12	99 148	46 484,578	788 719,311	16,967	16,499	63	62	82 776	2 106,857	21 562,995	10,235	9,767
14	13	99 133	43 846,530	742 234,733	16,928	16,460	64	63	81 204	1 949,842	19 456,139	9,978	9,510
15	14	99 113	41 356,271	698 388,203	16,887	16,419	65	64	79 515	1 801,216	17 506,297	9,719	9,251
16	15	99 088	39 005,688	657 031,932	16,845	16,377	66	65	77 714	1 660,777	15 705,081	9,456	8,988
17	16	99 054	36 785,145	618 026,244	16,801	16,333	67	66	75 796	1 528,105	14 044,303	9,191	8,723
18	17	99 015	34 689,279	581 241,099	16,756	16,288	68	67	73 774	1 403,147	12 516,198	8,920	8,452
19	18	98 964	32 708,861	546 551,820	16,710	16,242	69	68	71 648	1 285,584	11 113,050	8,644	8,176
20	19	98 908	30 839,957	513 842,959	16,662	16,194	70	69	69 422	1 175,131	9 827,466	8,363	7,895
21	20	98 851	29 077,514	483 003,002	16,611	16,143	71	70	67 076	1 071,146	8 652,336	8,078	7,610
22	21	98 795	27 416,034	453 925,488	16,557	16,089	72	71	64 582	972,947	7 581,190	7,792	7,324
23	22	98 737	25 848,950	426 509,454	16,500	16,032	73	72	62 016	881,403	6 608,242	7,497	7,029
24	23	98 678	24 371,465	400 660,504	16,440	15,972	74	73	59 328	795,469	5 726,839	7,199	6,731
25	24	98 617	22 977,658	376 289,039	16,376	15,908	75	74	56 516	714,873	4 931,370	6,898	6,430
26	25	98 557	21 663,902	353 311,381	16,309	15,841	76	75	53 588	639,469	4 216,497	6,594	6,126
27	26	98 495	20 424,666	331 647,479	16,238	15,770	77	76	50 543	568,998	3 577,028	6,287	5,819
28	27	98 433	19 256,454	311 222,814	16,162	15,694	78	77	47 434	503,768	3 008,030	5,971	5,503
29	28	98 367	18 154,255	291 966,360	16,083	15,615	79	78	44 228	443,131	2 504,262	5,651	5,183
30	29	98 295	17 114,132	273 812,105	15,999	15,531	80	79	40 896	386,555	2 061,130	5,332	4,864
31	30	98 219	16 132,899	256 697,973	15,911	15,443	81	80	37 425	333,723	1 674,575	5,018	4,550
32	31	98 135	15 206,684	240 565,073	15,820	15,352	82	81	33 859	284,839	1 340,853	4,707	4,239
33	32	98 043	14 332,548	225 358,389	15,724	15,256	83	82	30 236	239,960	1 056,014	4,401	3,933
34	33	97 941	13 507,253	211 025,841	15,623	15,155	84	83	26 539	198,694	816,054	4,107	3,639
35	34	97 838	12 729,277	197 518,587	15,517	15,049	85	84	22 828	161,237	617,359	3,829	3,361
36	35	97 727	11 995,104	184 789,310	15,405	14,937	86	85	19 194	127,894	456,123	3,566	3,098
37	36	97 595	11 300,863	172 794,206	15,290	14,822	87	86	15 740	98,947	328,228	3,317	2,849
38	37	97 451	10 645,478	161 493,343	15,170	14,702	88	87	12 540	74,369	229,281	3,083	2,615
39	38	97 303	10 027,634	150 847,865	15,043	14,575	89	88	9 640	53,932	154,912	2,872	2,404
40	39	97 137	9 443,873	140 820,231	14,911	14,443	90	89	7 136	37,662	100,980	2,681	2,213
41	40	96 954	8 892,499	131 376,358	14,774	14,306	91	90	5 077	25,277	63,318	2,505	2,037
42	41	96 752	8 371,675	122 483,859	14,631	14,163	92	91	3 461	16,257	38,040	2,340	1,872
43	42	96 544	7 880,854	114 112,184	14,480	14,012	93	92	2 240	9,927	21,783	2,194	1,726
44	43	96 312	7 416,923	106 231,329	14,323	13,855	94	93	1 374	5,742	11,856	2,065	1,597
45	44	96 059	6 978,709	98 814,406	14,159	13,691	95	94	793	3,127	6,114	1,955	1,487
46	45	95 788	6 565,099	91 835,697	13,988	13,521	96	95	433	1,612	2,987	1,854	1,386
47	46	95 488	6 174,066	85 270,598	13,811	13,343	97	96	221	0,777	1,376	1,770	1,302
48	47	95 152	5 804,129	79 096,532	13,628	13,160	98	97	106	0,352	0,598	1,698	1,230
49	48	94 779	5 454,127	73 292,404	13,438	12,970	99	98	49	0,152	0,246	1,618	1,150
							100	99	21	0,060	0,094	1,554	1,086

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0							50	48	94 501	5 130,292	68 275,947	13,308	12,840
1							51	49	94 054	4 817,026	63 145,655	13,109	12,641
2	0	99 637	88 676,857	1 528 129,879	17,233	16,765	52	50	93 560	4 520,479	58 328,629	12,903	12,435
3	1	99 336	83 404,390	1 439 453,022	17,259	16,791	53	51	93 014	4 239,730	53 808,149	12,691	12,223
4	2	99 302	78 656,561	1 356 048,632	17,240	16,772	54	52	92 402	3 973,423	49 568,419	12,475	12,007
5	3	99 278	74 186,087	1 277 392,070	17,219	16,751	55	53	91 737	3 721,516	45 594,997	12,252	11,784
6	4	99 259	69 973,537	1 203 205,983	17,195	16,727	56	54	90 989	3 482,246	41 873,480	12,025	11,557
7	5	99 241	66 000,751	1 133 232,447	17,170	16,702	57	55	90 163	3 255,340	38 391,234	11,793	11,325
8	6	99 224	62 254,578	1 067 231,696	17,143	16,675	58	56	89 247	3 039,873	35 135,894	11,558	11,090
9	7	99 210	58 721,973	1 004 977,118	17,114	16,646	59	57	88 259	2 836,032	32 096,021	11,317	10,849
10	8	99 197	55 391,003	946 255,145	17,083	16,615	60	58	87 163	2 642,290	29 259,989	11,074	10,606
11	9	99 182	52 248,006	890 864,142	17,051	16,583	61	59	85 970	2 458,606	26 617,699	10,826	10,358
12	10	99 170	49 284,545	838 616,136	17,016	16,548	62	60	84 665	2 284,234	24 159,093	10,576	10,108
13	11	99 156	46 488,154	789 331,591	16,979	16,511	63	61	83 241	2 118,692	21 874,859	10,325	9,857
14	12	99 139	43 849,301	742 843,437	16,941	16,473	64	62	81 704	1 961,852	19 756,167	10,070	9,602
15	13	99 121	41 359,540	698 994,136	16,900	16,432	65	63	80 056	1 813,476	17 794,315	9,812	9,344
16	14	99 097	39 009,287	657 634,596	16,858	16,390	66	64	78 294	1 673,174	15 980,839	9,551	9,083
17	15	99 066	36 789,404	618 625,310	16,815	16,347	67	65	76 408	1 540,450	14 307,665	9,288	8,820
18	16	99 028	34 693,714	581 835,905	16,771	16,303	68	66	74 426	1 415,544	12 767,215	9,019	8,551
19	17	98 977	32 713,102	547 142,191	16,725	16,258	69	67	72 325	1 297,728	11 351,671	8,747	8,279
20	18	98 924	30 844,964	514 429,089	16,678	16,210	70	68	70 138	1 187,246	10 053,943	8,468	8,000
21	19	98 867	29 082,294	483 584,125	16,628	16,160	71	69	67 859	1 083,658	8 866,697	8,182	7,714
22	20	98 811	27 420,522	454 501,831	16,575	16,107	72	70	65 403	985,315	7 783,039	7,899	7,431
23	21	98 753	25 853,340	427 081,309	16,519	16,051	73	71	62 885	893,750	6 797,724	7,606	7,138
24	22	98 695	24 375,555	401 227,969	16,460	15,992	74	72	60 228	807,540	5 903,974	7,311	6,843
25	23	98 633	22 981,417	376 852,414	16,398	15,930	75	73	57 478	727,041	5 096,434	7,010	6,542
26	24	98 574	21 667,461	353 870,998	16,332	15,864	76	74	54 581	651,318	4 369,393	6,709	6,241
27	25	98 514	20 428,637	332 203,536	16,262	15,794	77	75	51 581	580,682	3 718,076	6,403	5,935
28	26	98 451	19 259,887	311 774,899	16,188	15,720	78	76	48 508	515,179	3 137,394	6,090	5,622
29	27	98 387	18 158,063	292 515,012	16,109	15,641	79	77	45 313	453,999	2 622,216	5,776	5,308
30	28	98 318	17 118,206	274 356,949	16,027	15,559	80	78	42 040	397,366	2 168,216	5,456	4,989
31	29	98 243	16 136,881	257 238,743	15,941	15,473	81	79	38 615	344,331	1 770,850	5,143	4,675
32	30	98 162	15 210,986	241 101,861	15,851	15,383	82	80	35 097	295,250	1 426,519	4,832	4,364
33	31	98 075	14 337,165	225 890,876	15,756	15,288	83	81	31 510	250,067	1 131,269	4,524	4,056
34	32	97 974	13 511,792	211 553,711	15,657	15,189	84	82	27 848	208,494	881,202	4,227	3,759
35	33	97 873	12 733,737	198 041,919	15,553	15,085	85	83	24 161	170,656	672,708	3,942	3,474
36	34	97 764	11 999,686	185 308,182	15,443	14,975	86	84	20 501	136,608	502,052	3,675	3,207
37	35	97 641	11 306,143	173 308,496	15,329	14,861	87	85	16 993	106,819	365,444	3,421	2,953
38	36	97 498	10 650,557	162 002,354	15,211	14,743	88	86	13 709	81,302	258,624	3,181	2,713
39	37	97 352	10 032,700	151 351,797	15,086	14,618	89	87	10 700	59,865	177,323	2,962	2,494
40	38	97 191	9 449,109	141 319,097	14,956	14,488	90	88	8 047	42,475	117,458	2,765	2,297
41	39	97 017	8 898,288	131 869,988	14,820	14,352	91	89	5 827	29,015	74,983	2,584	2,116
42	40	96 813	8 376,979	122 971,700	14,680	14,212	92	90	4 058	19,061	45,969	2,412	1,944
43	41	96 615	7 886,635	114 594,721	14,530	14,062	93	91	2 686	11,902	26,908	2,261	1,793
44	42	96 390	7 422,912	106 708,086	14,376	13,908	94	92	1 691	7,071	15,005	2,122	1,654
45	43	96 145	6 984,965	99 285,174	14,214	13,746	95	93	1 003	3,955	7,934	2,006	1,538
46	44	95 879	6 571,315	92 300,208	14,046	13,578	96	94	562	2,092	3,979	1,902	1,434
47	45	95 590	6 180,714	85 728,894	13,870	13,402	97	95	297	1,042	1,887	1,811	1,343
48	46	95 265	5 811,010	79 548,179	13,689	13,221	98	96	148	0,489	0,845	1,728	1,260
49	47	94 902	5 461,223	73 737,170	13,502	13,034	99	97	69	0,215	0,356	1,653	1,185
							100	98	30	0,089	0,141	1,585	1,117

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	5 136,966	68 677,910	13,369	12,901
1							51	48	94 197	4 824,345	63 540,944	13,171	12,703
2							52	49	93 718	4 528,105	58 716,599	12,967	12,499
3	0	99 624	83 646,284	1 440 315,186	17,219	16,751	53	50	93 186	4 247,562	54 188,494	12,758	12,290
4	1	99 324	78 674,060	1 356 668,902	17,244	16,776	54	51	92 594	3 981,691	49 940,931	12,543	12,075
5	2	99 291	74 195,837	1 277 994,842	17,225	16,757	55	52	91 939	3 729,738	45 959,241	12,322	11,854
6	3	99 269	69 980,514	1 203 799,006	17,202	16,734	56	53	91 215	3 490,899	42 229,503	12,097	11,629
7	4	99 250	66 006,827	1 133 818,492	17,177	16,709	57	54	90 412	3 264,331	38 738,604	11,867	11,399
8	5	99 231	62 258,808	1 067 811,665	17,151	16,683	58	55	89 526	3 049,364	35 474,273	11,633	11,165
9	6	99 217	58 726,261	1 005 552,857	17,123	16,655	59	56	88 558	2 845,654	32 424,909	11,395	10,927
10	7	99 202	55 393,641	946 826,596	17,093	16,625	60	57	87 492	2 652,252	29 579,254	11,153	10,685
11	8	99 189	52 251,772	891 432,955	17,060	16,592	61	58	86 330	2 468,910	26 927,002	10,906	10,438
12	9	99 175	49 287,165	839 181,183	17,026	16,558	62	59	85 059	2 294,870	24 458,092	10,658	10,190
13	10	99 161	46 490,738	789 894,018	16,990	16,522	63	60	83 670	2 129,610	22 163,222	10,407	9,939
14	11	99 147	43 852,673	743 403,280	16,952	16,484	64	61	82 163	1 972,873	20 033,612	10,155	9,687
15	12	99 127	41 362,154	699 550,607	16,913	16,445	65	62	80 549	1 824,646	18 060,739	9,898	9,430
16	13	99 105	39 012,370	658 188,453	16,871	16,403	66	63	78 827	1 684,561	16 236,093	9,638	9,170
17	14	99 075	36 792,798	619 176,083	16,829	16,361	67	64	76 979	1 551,948	14 551,531	9,376	8,908
18	15	99 039	34 697,731	582 383,284	16,784	16,317	68	65	75 027	1 426,980	12 999,583	9,110	8,642
19	16	98 989	32 717,285	547 685,553	16,740	16,272	69	66	72 964	1 309,194	11 572,603	8,839	8,372
20	17	98 937	30 848,964	514 968,268	16,693	16,225	70	67	70 800	1 198,461	10 263,410	8,564	8,096
21	18	98 883	29 087,016	484 119,305	16,644	16,176	71	68	68 559	1 094,830	9 064,949	8,280	7,812
22	19	98 827	27 425,030	455 032,289	16,592	16,124	72	69	66 167	996,825	7 970,119	7,996	7,528
23	20	98 769	25 857,572	427 607,259	16,537	16,069	73	70	63 684	905,111	6 973,295	7,704	7,236
24	21	98 712	24 379,695	401 749,687	16,479	16,011	74	71	61 072	818,852	6 068,184	7,411	6,943
25	22	98 650	22 985,273	377 369,993	16,418	15,950	75	72	58 350	738,074	5 249,332	7,112	6,644
26	23	98 590	21 671,006	354 384,720	16,353	15,885	76	73	55 510	662,404	4 511,258	6,810	6,342
27	24	98 530	20 431,994	332 713,714	16,284	15,816	77	74	52 537	591,441	3 848,855	6,508	6,040
28	25	98 470	19 263,632	312 281,720	16,211	15,743	78	75	49 504	525,757	3 257,414	6,196	5,728
29	26	98 405	18 161,300	293 018,088	16,134	15,666	79	76	46 339	464,283	2 731,657	5,884	5,416
30	27	98 339	17 121,798	274 856,788	16,053	15,585	80	77	43 071	407,112	2 267,374	5,569	5,101
31	28	98 266	16 140,723	257 734,990	15,968	15,500	81	78	39 695	353,961	1 860,262	5,256	4,788
32	29	98 187	15 214,740	241 594,268	15,879	15,411	82	79	36 213	304,635	1 506,301	4,945	4,477
33	30	98 102	14 341,220	226 379,527	15,785	15,317	83	80	32 661	259,207	1 201,666	4,636	4,168
34	31	98 006	13 516,144	212 038,307	15,688	15,220	84	81	29 020	217,275	942,459	4,338	3,870
35	32	97 905	12 738,016	198 522,163	15,585	15,117	85	82	25 353	179,073	725,184	4,050	3,582
36	33	97 799	12 003,890	185 784,147	15,477	15,009	86	83	21 699	144,589	546,111	3,777	3,309
37	34	97 678	11 310,461	173 780,258	15,365	14,897	87	84	18 150	114,097	401,522	3,519	3,051
38	35	97 543	10 655,532	162 469,797	15,247	14,779	88	85	14 800	87,770	287,424	3,275	2,807
39	36	97 399	10 037,486	151 814,265	15,125	14,657	89	86	11 698	65,446	199,654	3,051	2,583
40	37	97 240	9 453,883	141 776,779	14,997	14,529	90	87	8 933	47,147	134,209	2,847	2,379
41	38	97 071	8 903,222	132 322,896	14,862	14,394	91	88	6 572	32,722	87,062	2,661	2,193
42	39	96 876	8 382,433	123 419,674	14,724	14,256	92	89	4 658	21,879	54,340	2,484	2,016
43	40	96 676	7 891,631	115 037,241	14,577	14,109	93	90	3 149	13,955	32,460	2,326	1,858
44	41	96 461	7 428,357	107 145,610	14,424	13,956	94	91	2 028	8,478	18,505	2,183	1,715
45	42	96 223	6 990,606	99 717,253	14,264	13,796	95	92	1 235	4,871	10,027	2,059	1,591
46	43	95 965	6 577,206	92 726,647	14,098	13,630	96	93	711	2,646	5,157	1,949	1,481
47	44	95 681	6 186,566	86 149,441	13,925	13,457	97	94	385	1,353	2,511	1,856	1,388
48	45	95 368	5 817,267	79 962,876	13,746	13,278	98	95	198	0,656	1,158	1,766	1,298
49	46	95 015	5 467,698	74 145,608	13,561	13,093	99	96	96	0,299	0,503	1,681	1,213
							100	97	43	0,126	0,204	1,617	1,149

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	5 143,057	69 046,681	13,425	12,957
1							51	47	94 320	4 830,622	63 903,624	13,229	12,761
2							52	48	93 860	4 534,985	59 073,002	13,026	12,558
3							53	49	93 343	4 254,727	54 538,017	12,818	12,350
4	0	99 612	78 902,235	1 357 465,543	17,204	16,736	54	50	92 765	3 989,046	50 283,289	12,605	12,137
5	1	99 313	74 212,342	1 278 563,308	17,228	16,760	55	51	92 131	3 737,499	46 294,243	12,386	11,918
6	2	99 282	69 989,711	1 204 350,966	17,208	16,740	56	52	91 416	3 498,611	42 556,744	12,164	11,696
7	3	99 260	66 013,408	1 134 361,255	17,184	16,716	57	53	90 637	3 272,442	39 058,133	11,935	11,468
8	4	99 240	62 264,540	1 068 347,847	17,158	16,690	58	54	89 773	3 057,786	35 785,691	11,703	11,235
9	5	99 224	58 730,251	1 006 083,308	17,131	16,663	59	55	88 835	2 854,539	32 727,905	11,465	10,997
10	6	99 209	55 397,686	947 353,056	17,101	16,633	60	56	87 789	2 661,252	29 873,366	11,225	10,757
11	7	99 194	52 254,260	891 955,370	17,070	16,602	61	57	86 656	2 478,219	27 212,115	10,981	10,513
12	8	99 183	49 290,717	839 701,110	17,036	16,568	62	58	85 416	2 304,488	24 733,896	10,733	10,265
13	9	99 167	46 493,209	790 410,392	17,001	16,533	63	59	84 060	2 139,526	22 429,408	10,483	10,015
14	10	99 152	43 855,111	743 917,183	16,963	16,495	64	60	82 586	1 983,040	20 289,882	10,232	9,764
15	11	99 134	41 365,336	700 062,072	16,924	16,456	65	61	81 001	1 834,896	18 306,842	9,977	9,509
16	12	99 111	39 014,836	658 696,736	16,883	16,415	66	62	79 312	1 694,938	16 471,946	9,718	9,250
17	13	99 082	36 795,707	619 681,901	16,841	16,373	67	63	77 503	1 562,511	14 777,009	9,457	8,989
18	14	99 048	34 700,932	582 886,194	16,797	16,329	68	64	75 587	1 437,631	13 214,497	9,192	8,724
19	15	99 001	32 721,073	548 185,262	16,753	16,285	69	65	73 553	1 319,770	11 776,867	8,923	8,455
20	16	98 949	30 852,908	515 464,189	16,707	16,239	70	66	71 426	1 209,049	10 457,097	8,649	8,181
21	17	98 896	29 090,787	484 611,281	16,659	16,191	71	67	69 206	1 105,172	9 248,048	8,368	7,900
22	18	98 843	27 429,482	455 520,494	16,607	16,139	72	68	66 849	1 007,101	8 142,876	8,085	7,617
23	19	98 786	25 861,823	428 091,012	16,553	16,085	73	69	64 428	915,684	7 135,775	7,793	7,325
24	20	98 728	24 383,686	402 229,189	16,496	16,028	74	70	61 848	829,261	6 220,091	7,501	7,033
25	21	98 667	22 989,177	377 845,503	16,436	15,968	75	71	59 167	748,413	5 390,830	7,203	6,735
26	22	98 606	21 674,642	354 856,326	16,372	15,904	76	72	56 352	672,456	4 642,418	6,904	6,436
27	23	98 546	20 435,336	333 181,684	16,304	15,836	77	73	53 431	601,508	3 969,962	6,600	6,132
28	24	98 486	19 266,797	312 746,348	16,232	15,764	78	74	50 422	535,499	3 368,454	6,290	5,822
29	25	98 424	18 164,832	293 479,551	16,156	15,689	79	75	47 290	473,816	2 832,956	5,979	5,511
30	26	98 356	17 124,850	275 314,719	16,077	15,609	80	76	44 046	416,333	2 359,140	5,666	5,199
31	27	98 287	16 144,109	258 189,869	15,993	15,525	81	77	40 668	362,642	1 942,807	5,357	4,889
32	28	98 210	15 218,362	242 045,760	15,905	15,437	82	78	37 226	313,155	1 580,164	5,046	4,578
33	29	98 127	14 344,760	226 827,398	15,813	15,345	83	79	33 700	267,446	1 267,009	4,737	4,269
34	30	98 034	13 519,968	212 482,638	15,716	15,248	84	80	30 081	225,217	999,563	4,438	3,970
35	31	97 937	12 742,119	198 962,671	15,615	15,147	85	81	26 421	186,615	774,346	4,149	3,681
36	32	97 832	12 007,923	186 220,552	15,508	15,040	86	82	22 769	151,720	587,731	3,874	3,406
37	33	97 712	11 314,423	174 212,629	15,397	14,929	87	83	19 211	120,763	436,011	3,610	3,142
38	34	97 581	10 659,602	162 898,206	15,282	14,814	88	84	15 808	93,750	315,247	3,363	2,895
39	35	97 444	10 042,175	152 238,604	15,160	14,692	89	85	12 628	70,652	221,497	3,135	2,667
40	36	97 286	9 458,393	142 196,428	15,034	14,566	90	86	9 765	51,542	150,845	2,927	2,459
41	37	97 120	8 907,720	132 738,036	14,901	14,433	91	87	7 295	36,321	99,303	2,734	2,266
42	38	96 930	8 387,081	123 830,316	14,764	14,296	92	88	5 253	24,675	62,981	2,552	2,084
43	39	96 739	7 896,769	115 443,235	14,619	14,151	93	89	3 615	16,018	38,306	2,391	1,923
44	40	96 522	7 433,063	107 546,466	14,469	14,001	94	90	2 378	9,940	22,288	2,242	1,774
45	41	96 294	6 995,733	100 113,403	14,311	13,843	95	91	1 481	5,839	12,347	2,114	1,647
46	42	96 042	6 582,517	93 117,670	14,146	13,678	96	92	876	3,258	6,508	1,997	1,530
47	43	95 767	6 192,112	86 535,153	13,975	13,507	97	93	487	1,711	3,250	1,900	1,432
48	44	95 458	5 822,775	80 343,041	13,798	13,330	98	94	257	0,851	1,539	1,808	1,340
49	45	95 117	5 473,585	74 520,266	13,615	13,147	99	95	128	0,401	0,688	1,716	1,248
							100	96	59	0,175	0,287	1,643	1,175

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	5 148,595	69 384,665	13,476	13,008
1							51	46	94 431	4 836,349	64 236,070	13,282	12,814
2							52	47	93 982	4 540,885	59 399,721	13,081	12,613
3							53	48	93 485	4 261,192	54 858,836	12,874	12,406
4							54	49	92 922	3 995,775	50 597,644	12,663	12,195
5	0	99 601	74 427,577	1 279 299,233	17,189	16,721	55	50	92 301	3 744,403	46 601,868	12,446	11,978
6	1	99 304	70 005,281	1 204 871,656	17,211	16,743	56	51	91 607	3 505,891	42 857,465	12,224	11,756
7	2	99 273	66 022,084	1 134 866,375	17,189	16,721	57	52	90 837	3 279,672	39 351,574	11,999	11,531
8	3	99 250	62 270,748	1 068 844,291	17,164	16,697	58	53	89 996	3 065,384	36 071,902	11,767	11,300
9	4	99 233	58 735,658	1 006 573,543	17,137	16,669	59	54	89 080	2 862,423	33 006,518	11,531	11,063
10	5	99 216	55 401,450	947 837,885	17,109	16,641	60	55	88 063	2 669,560	30 144,095	11,292	10,824
11	6	99 201	52 258,076	892 436,435	17,077	16,610	61	56	86 950	2 486,628	27 474,535	11,049	10,581
12	7	99 187	49 293,065	840 178,359	17,045	16,577	62	57	85 738	2 313,177	24 987,902	10,802	10,334
13	8	99 174	46 496,560	790 885,294	17,010	16,542	63	58	84 412	2 148,493	22 674,731	10,554	10,086
14	9	99 157	43 857,442	744 388,734	16,973	16,505	64	59	82 971	1 992,273	20 526,238	10,303	9,835
15	10	99 140	41 367,635	700 531,291	16,934	16,466	65	60	81 419	1 844,352	18 533,965	10,049	9,581
16	11	99 119	39 017,836	659 163,656	16,894	16,426	66	61	79 758	1 704,459	16 689,613	9,792	9,324
17	12	99 089	36 798,032	620 145,820	16,853	16,385	67	62	77 980	1 572,136	14 985,154	9,532	9,064
18	13	99 056	34 703,675	583 347,888	16,809	16,341	68	63	76 101	1 447,416	13 413,019	9,267	8,799
19	14	99 010	32 724,092	548 644,113	16,766	16,298	69	64	74 102	1 329,621	11 965,603	8,999	8,531
20	15	98 961	30 856,480	515 920,021	16,720	16,252	70	65	72 003	1 218,816	10 635,982	8,726	8,259
21	16	98 909	29 094,507	485 063,540	16,672	16,204	71	66	69 818	1 114,936	9 417,166	8,446	7,978
22	17	98 856	27 433,039	455 969,034	16,621	16,153	72	67	67 481	1 016,614	8 302,230	8,167	7,699
23	18	98 802	25 866,022	428 535,995	16,568	16,100	73	68	65 092	925,123	7 285,615	7,875	7,407
24	19	98 744	24 387,694	402 669,973	16,511	16,043	74	69	62 570	838,947	6 360,492	7,582	7,114
25	20	98 683	22 992,940	378 282,279	16,452	15,984	75	70	59 919	757,926	5 521,544	7,285	6,817
26	21	98 623	21 678,323	355 289,339	16,389	15,921	76	71	57 141	681,875	4 763,619	6,986	6,518
27	22	98 563	20 438,765	333 611,016	16,322	15,854	77	72	54 242	610,636	4 081,743	6,684	6,216
28	23	98 502	19 269,948	313 172,250	16,252	15,784	78	73	51 280	544,613	3 471,108	6,374	5,906
29	24	98 440	18 167,816	293 902,302	16,177	15,709	79	74	48 167	482,595	2 926,494	6,064	5,596
30	25	98 376	17 128,180	275 734,486	16,098	15,630	80	75	44 951	424,882	2 443,899	5,752	5,284
31	26	98 304	16 146,987	258 606,306	16,016	15,548	81	76	41 589	370,856	2 019,017	5,444	4,976
32	27	98 231	15 221,555	242 459,319	15,929	15,461	82	77	38 138	320,836	1 648,161	5,137	4,669
33	28	98 150	14 348,175	227 237,764	15,837	15,369	83	78	34 642	274,927	1 327,325	4,828	4,360
34	29	98 058	13 523,305	212 889,589	15,742	15,274	84	79	31 037	232,376	1 052,399	4,529	4,061
35	30	97 965	12 745,723	199 366,285	15,642	15,174	85	80	27 386	193,436	820,023	4,239	3,771
36	31	97 863	12 011,791	186 620,562	15,536	15,068	86	81	23 728	158,110	626,587	3,963	3,495
37	32	97 745	11 318,225	174 608,771	15,427	14,959	87	82	20 158	126,719	468,476	3,697	3,229
38	33	97 615	10 663,337	163 290,545	15,313	14,845	88	83	16 732	99,227	341,757	3,444	2,976
39	34	97 482	10 046,011	152 627,209	15,193	14,725	89	84	13 489	75,466	242,530	3,214	2,746
40	35	97 332	9 462,811	142 581,198	15,068	14,600	90	85	10 542	55,643	167,064	3,002	2,534
41	36	97 166	8 911,969	133 118,387	14,937	14,469	91	86	7 975	39,708	111,421	2,806	2,338
42	37	96 979	8 391,318	124 206,417	14,802	14,334	92	87	5 831	27,389	71,714	2,618	2,150
43	38	96 793	7 901,147	115 815,100	14,658	14,190	93	88	4 077	18,065	44,325	2,454	1,986
44	39	96 585	7 437,902	107 913,953	14,509	14,041	94	89	2 729	11,410	26,259	2,301	1,833
45	40	96 355	7 000,165	100 476,050	14,353	13,885	95	90	1 736	6,847	14,849	2,169	1,701
46	41	96 113	6 587,345	93 475,885	14,190	13,722	96	91	1 050	3,906	8,002	2,049	1,581
47	42	95 844	6 197,112	86 888,540	14,021	13,553	97	92	600	2,107	4,096	1,944	1,476
48	43	95 543	5 827,995	80 691,428	13,845	13,378	98	93	325	1,077	1,989	1,848	1,380
49	44	95 207	5 478,768	74 863,433	13,664	13,196	99	94	167	0,520	0,913	1,754	1,286
							100	95	79	0,234	0,392	1,675	1,207

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	5 153,469	69 694,012	13,524	13,056
1							51	45	94 533	4 841,557	64 540,543	13,331	12,863
2							52	46	94 094	4 546,269	59 698,986	13,131	12,663
3							53	47	93 607	4 266,736	55 152,717	12,926	12,458
4							54	48	93 063	4 001,846	50 885,980	12,716	12,248
5							55	49	92 456	3 750,720	46 884,134	12,500	12,032
6	0	99 592	70 208,314	1 205 551,389	17,171	16,703	56	50	91 776	3 512,368	43 133,414	12,280	11,812
7	1	99 295	66 036,771	1 135 343,075	17,193	16,725	57	51	91 026	3 286,496	39 621,047	12,056	11,588
8	2	99 263	62 278,932	1 069 306,304	17,170	16,702	58	52	90 195	3 072,156	36 334,551	11,827	11,359
9	3	99 243	58 741,515	1 007 027,372	17,143	16,675	59	53	89 301	2 869,535	33 262,394	11,592	11,124
10	4	99 225	55 406,550	948 285,858	17,115	16,647	60	54	88 306	2 676,933	30 392,859	11,354	10,886
11	5	99 208	52 261,627	892 879,307	17,085	16,617	61	55	87 221	2 494,391	27 715,926	11,111	10,643
12	6	99 195	49 296,665	840 617,680	17,052	16,584	62	56	86 029	2 321,026	25 221,535	10,867	10,399
13	7	99 179	46 498,775	791 321,016	17,018	16,550	63	57	84 730	2 156,594	22 900,509	10,619	10,151
14	8	99 165	43 860,603	744 822,241	16,982	16,514	64	58	83 318	2 000,622	20 743,916	10,369	9,901
15	9	99 145	41 369,834	700 961,637	16,944	16,476	65	59	81 798	1 852,939	18 743,293	10,115	9,647
16	10	99 125	39 020,006	659 591,803	16,904	16,436	66	60	80 169	1 713,243	16 890,354	9,859	9,391
17	11	99 096	36 800,862	620 571,798	16,863	16,395	67	61	78 418	1 580,967	15 177,111	9,600	9,132
18	12	99 062	34 705,868	583 770,935	16,821	16,353	68	62	76 570	1 456,331	13 596,144	9,336	8,868
19	13	99 018	32 726,678	549 065,067	16,777	16,309	69	63	74 607	1 338,670	12 139,813	9,069	8,601
20	14	98 970	30 859,327	516 338,389	16,732	16,264	70	64	72 540	1 227,914	10 801,143	8,796	8,328
21	15	98 920	29 097,875	485 479,061	16,684	16,216	71	65	70 382	1 123,943	9 573,229	8,518	8,050
22	16	98 869	27 436,546	456 381,186	16,634	16,166	72	66	68 077	1 025,596	8 449,286	8,238	7,770
23	17	98 815	25 869,376	428 944,640	16,581	16,113	73	67	65 707	933,862	7 423,689	7,949	7,481
24	18	98 760	24 391,654	403 075,264	16,525	16,057	74	68	63 215	847,596	6 489,827	7,657	7,189
25	19	98 699	22 996,720	378 683,610	16,467	15,999	75	69	60 619	766,779	5 642,231	7,358	6,890
26	20	98 639	21 681,872	355 686,891	16,405	15,937	76	70	57 868	690,543	4 875,451	7,060	6,592
27	21	98 580	20 442,236	334 005,018	16,339	15,871	77	71	55 002	619,189	4 184,908	6,759	6,291
28	22	98 518	19 273,182	313 562,782	16,269	15,801	78	72	52 058	552,878	3 565,719	6,449	5,981
29	23	98 456	18 170,788	294 289,600	16,196	15,728	79	73	48 986	490,809	3 012,841	6,139	5,671
30	24	98 392	17 130,994	276 118,812	16,118	15,650	80	74	45 784	432,755	2 522,032	5,828	5,360
31	25	98 324	16 150,127	258 987,818	16,036	15,568	81	75	42 443	378,471	2 089,277	5,520	5,052
32	26	98 248	15 224,268	242 837,691	15,951	15,483	82	76	39 002	328,103	1 710,806	5,214	4,746
33	27	98 171	14 351,185	227 613,423	15,860	15,392	83	77	35 492	281,669	1 382,703	4,909	4,441
34	28	98 081	13 526,524	213 262,238	15,766	15,298	84	78	31 905	238,875	1 101,034	4,609	4,141
35	29	97 989	12 748,869	199 735,714	15,667	15,199	85	79	28 257	199,585	862,159	4,320	3,852
36	30	97 891	12 015,189	186 986,845	15,563	15,095	86	80	24 595	163,889	662,574	4,043	3,575
37	31	97 777	11 321,871	174 971,656	15,454	14,986	87	81	21 007	132,056	498,685	3,776	3,308
38	32	97 648	10 666,920	163 649,785	15,342	14,874	88	82	17 557	104,121	366,629	3,521	3,053
39	33	97 516	10 049,530	152 982,866	15,223	14,755	89	83	14 277	79,875	262,508	3,286	2,819
40	34	97 369	9 466,426	142 933,335	15,099	14,631	90	84	11 261	59,434	182,633	3,073	2,605
41	35	97 211	8 916,133	133 466,910	14,969	14,501	91	85	8 609	42,867	123,199	2,874	2,406
42	36	97 025	8 395,321	124 550,777	14,836	14,368	92	86	6 374	29,942	80,332	2,683	2,215
43	37	96 842	7 905,139	116 155,456	14,694	14,226	93	87	4 525	20,052	50,390	2,513	2,045
44	38	96 638	7 442,026	108 250,317	14,546	14,078	94	88	3 078	12,868	30,337	2,358	1,890
45	39	96 417	7 004,723	100 808,291	14,391	13,924	95	89	1 993	7,859	17,469	2,223	1,755
46	40	96 173	6 591,518	93 803,569	14,231	13,763	96	90	1 231	4,580	9,610	2,098	1,630
47	41	95 914	6 201,658	87 212,050	14,063	13,595	97	91	720	2,526	5,030	1,991	1,523
48	42	95 621	5 832,701	81 010,392	13,889	13,421	98	92	400	1,326	2,504	1,889	1,421
49	43	95 293	5 483,679	75 177,691	13,709	13,241	99	93	211	0,658	1,178	1,790	1,322
							100	94	103	0,304	0,520	1,711	1,243

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	5 158,089	69 977,133	13,566	13,099
1							51	44	94 623	4 846,141	64 819,044	13,375	12,907
2							52	45	94 195	4 551,165	59 972,903	13,177	12,710
3							53	46	93 718	4 271,795	55 421,738	12,974	12,506
4							54	47	93 184	4 007,053	51 149,944	12,765	12,297
5							55	48	92 597	3 756,419	47 142,891	12,550	12,082
6							56	49	91 931	3 518,293	43 386,472	12,332	11,864
7	0	99 583	66 228,295	1 135 970,855	17,152	16,684	57	50	91 195	3 292,567	39 868,179	12,109	11,641
8	1	99 285	62 292,786	1 069 742,560	17,173	16,705	58	51	90 383	3 078,549	36 575,612	11,881	11,413
9	2	99 256	58 749,234	1 007 449,773	17,148	16,680	59	52	89 499	2 875,875	33 497,063	11,648	11,180
10	3	99 235	55 412,075	948 700,539	17,121	16,653	60	53	88 525	2 683,585	30 621,188	11,411	10,943
11	4	99 217	52 266,438	893 288,464	17,091	16,623	61	54	87 462	2 501,280	27 937,604	11,169	10,701
12	5	99 201	49 300,014	841 022,026	17,059	16,591	62	55	86 297	2 328,272	25 436,323	10,925	10,457
13	6	99 186	46 502,170	791 722,011	17,025	16,558	63	56	85 018	2 163,911	23 108,051	10,679	10,211
14	7	99 169	43 862,692	745 219,841	16,990	16,522	64	57	83 632	2 008,166	20 944,140	10,429	9,962
15	8	99 152	41 372,816	701 357,149	16,952	16,484	65	58	82 141	1 860,705	18 935,974	10,177	9,709
16	9	99 130	39 022,080	659 984,333	16,913	16,445	66	59	80 542	1 721,220	17 075,269	9,920	9,452
17	10	99 102	36 802,908	620 962,253	16,873	16,405	67	60	78 822	1 589,114	15 354,050	9,662	9,194
18	11	99 070	34 708,538	584 159,345	16,830	16,362	68	61	77 000	1 464,512	13 764,936	9,399	8,931
19	12	99 024	32 728,747	549 450,807	16,788	16,320	69	62	75 066	1 346,916	12 300,424	9,132	8,664
20	13	98 978	30 861,766	516 722,061	16,743	16,275	70	63	73 034	1 236,271	10 953,507	8,860	8,392
21	14	98 929	29 100,560	485 860,294	16,696	16,228	71	64	70 907	1 132,332	9 717,236	8,582	8,114
22	15	98 880	27 439,723	456 759,734	16,646	16,178	72	65	68 627	1 033,882	8 584,904	8,304	7,836
23	16	98 827	25 872,683	429 320,011	16,594	16,126	73	66	66 287	942,113	7 551,022	8,015	7,547
24	17	98 773	24 394,816	403 447,328	16,538	16,070	74	67	63 813	855,603	6 608,909	7,724	7,256
25	18	98 715	23 000,453	379 052,512	16,480	16,012	75	68	61 244	774,684	5 753,306	7,427	6,959
26	19	98 655	21 685,437	356 052,058	16,419	15,951	76	69	58 544	698,609	4 978,622	7,126	6,659
27	20	98 596	20 445,583	334 366,622	16,354	15,886	77	70	55 701	627,060	4 280,013	6,826	6,358
28	21	98 535	19 276,455	313 921,039	16,285	15,817	78	71	52 787	560,622	3 652,952	6,516	6,048
29	22	98 473	18 173,838	294 644,584	16,213	15,745	79	72	49 730	498,257	3 092,330	6,206	5,738
30	23	98 408	17 133,796	276 470,746	16,136	15,668	80	73	46 563	440,120	2 594,073	5,894	5,426
31	24	98 340	16 152,780	259 336,950	16,055	15,587	81	74	43 230	385,484	2 153,952	5,588	5,120
32	25	98 267	15 227,229	243 184,170	15,970	15,502	82	75	39 803	334,840	1 768,468	5,282	4,814
33	26	98 188	14 353,743	227 956,941	15,881	15,413	83	76	36 296	288,049	1 433,629	4,977	4,509
34	27	98 102	13 529,362	213 603,198	15,788	15,320	84	77	32 688	244,734	1 145,579	4,681	4,213
35	28	98 012	12 751,904	200 073,836	15,690	15,222	85	78	29 047	205,167	900,846	4,391	3,923
36	29	97 915	12 018,154	187 321,932	15,587	15,119	86	79	25 377	169,099	695,679	4,114	3,646
37	30	97 804	11 325,074	175 303,778	15,479	15,011	87	80	21 775	136,883	526,580	3,847	3,379
38	31	97 679	10 670,356	163 978,704	15,368	14,900	88	81	18 297	108,506	389,697	3,591	3,124
39	32	97 548	10 052,907	153 308,349	15,250	14,782	89	82	14 981	83,814	281,191	3,355	2,887
40	33	97 403	9 469,742	143 255,442	15,128	14,660	90	83	11 918	62,906	197,376	3,138	2,670
41	34	97 248	8 919,538	133 785,700	14,999	14,531	91	84	9 196	45,787	134,470	2,937	2,469
42	35	97 070	8 399,243	124 866,161	14,866	14,398	92	85	6 881	32,325	88,683	2,744	2,276
43	36	96 888	7 908,910	116 466,919	14,726	14,258	93	86	4 947	21,922	56,358	2,571	2,103
44	37	96 687	7 445,786	108 558,008	14,580	14,112	94	87	3 417	14,284	34,436	2,411	1,943
45	38	96 471	7 008,606	101 112,223	14,427	13,959	95	88	2 247	8,863	20,153	2,274	1,806
46	39	96 236	6 595,810	94 103,616	14,267	13,799	96	89	1 413	5,257	11,290	2,147	1,679
47	40	95 975	6 205,587	87 507,806	14,101	13,633	97	90	844	2,962	6,032	2,037	1,569
48	41	95 691	5 836,979	81 302,220	13,929	13,461	98	91	480	1,590	3,071	1,932	1,464
49	42	95 370	5 488,107	75 465,241	13,751	13,283	99	92	259	0,810	1,481	1,827	1,359
							100	93	130	0,385	0,670	1,744	1,276

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	5 162,255	70 236,064	13,606	13,138
1							51	43	94 707	4 850,486	65 073,809	13,416	12,948
2							52	44	94 284	4 555,473	60 223,324	13,220	12,752
3							53	45	93 819	4 276,395	55 667,851	13,017	12,550
4							54	46	93 295	4 011,804	51 391,456	12,810	12,342
5							55	47	92 717	3 761,306	47 379,652	12,597	12,129
6							56	48	92 070	3 523,639	43 618,346	12,379	11,911
7							57	49	91 348	3 298,121	40 094,708	12,157	11,689
8	0	99 573	62 473,452	1 070 322,343	17,132	16,664	58	50	90 550	3 084,236	36 796,586	11,931	11,463
9	1	99 278	58 762,304	1 007 848,891	17,151	16,683	59	51	89 685	2 881,859	33 712,350	11,698	11,230
10	2	99 248	55 419,357	949 086,587	17,126	16,658	60	52	88 721	2 689,514	30 830,491	11,463	10,995
11	3	99 227	52 271,650	893 667,230	17,097	16,629	61	53	87 679	2 507,495	28 140,978	11,223	10,755
12	4	99 210	49 304,553	841 395,580	17,065	16,597	62	54	86 536	2 334,702	25 633,482	10,979	10,511
13	5	99 193	46 505,330	792 091,027	17,032	16,564	63	55	85 283	2 170,667	23 298,780	10,733	10,265
14	6	99 177	43 865,895	745 585,697	16,997	16,529	64	56	83 916	2 014,980	21 128,113	10,486	10,018
15	7	99 157	41 374,786	701 719,802	16,960	16,492	65	57	82 450	1 867,721	19 113,133	10,233	9,765
16	8	99 137	39 024,892	660 345,016	16,921	16,453	66	58	80 880	1 728,433	17 245,413	9,977	9,510
17	9	99 107	36 804,865	621 320,124	16,881	16,414	67	59	79 189	1 596,513	15 516,979	9,719	9,251
18	10	99 075	34 710,467	584 515,259	16,840	16,372	68	60	77 397	1 472,059	13 920,466	9,456	8,988
19	11	99 032	32 731,264	549 804,792	16,798	16,330	69	61	75 488	1 354,482	12 448,407	9,191	8,723
20	12	98 984	30 863,717	517 073,528	16,753	16,285	70	62	73 484	1 243,886	11 093,925	8,919	8,451
21	13	98 937	29 102,860	486 209,811	16,707	16,239	71	63	71 390	1 140,039	9 850,038	8,640	8,172
22	14	98 889	27 442,255	457 106,951	16,657	16,189	72	64	69 139	1 041,599	8 709,999	8,362	7,894
23	15	98 839	25 875,679	429 664,696	16,605	16,137	73	65	66 823	949,724	7 668,401	8,074	7,606
24	16	98 786	24 397,935	403 789,017	16,550	16,082	74	66	64 376	863,162	6 718,677	7,784	7,316
25	17	98 728	23 003,436	379 391,082	16,493	16,025	75	67	61 823	782,002	5 855,514	7,488	7,020
26	18	98 671	21 688,957	356 387,646	16,432	15,964	76	68	59 147	705,811	5 073,512	7,188	6,720
27	19	98 612	20 448,944	334 698,689	16,368	15,900	77	69	56 351	634,385	4 367,701	6,885	6,417
28	20	98 551	19 279,611	314 249,745	16,300	15,832	78	70	53 458	567,749	3 733,316	6,576	6,108
29	21	98 490	18 176,924	294 970,134	16,228	15,760	79	71	50 426	505,237	3 165,567	6,266	5,798
30	22	98 424	17 136,671	276 793,210	16,152	15,684	80	72	47 270	446,799	2 660,330	5,954	5,486
31	23	98 356	16 155,423	259 656,539	16,072	15,604	81	73	43 965	392,045	2 213,531	5,646	5,178
32	24	98 283	15 229,731	243 501,116	15,989	15,521	82	74	40 541	341,044	1 821,486	5,341	4,873
33	25	98 207	14 356,534	228 271,386	15,900	15,432	83	75	37 041	293,964	1 480,442	5,036	4,568
34	26	98 119	13 531,773	213 914,851	15,808	15,340	84	76	33 428	250,277	1 186,478	4,741	4,273
35	27	98 033	12 754,579	200 383,078	15,711	15,243	85	77	29 760	210,199	936,201	4,454	3,986
36	28	97 938	12 021,015	187 628,499	15,608	15,140	86	78	26 087	173,829	726,003	4,177	3,709
37	29	97 828	11 327,869	175 607,483	15,502	15,034	87	79	22 467	141,234	552,174	3,910	3,442
38	30	97 707	10 673,374	164 279,615	15,392	14,924	88	80	18 965	112,472	410,940	3,654	3,186
39	31	97 580	10 056,145	153 606,241	15,275	14,807	89	81	15 612	87,344	298,468	3,417	2,949
40	32	97 436	9 472,924	143 550,096	15,154	14,686	90	82	12 506	66,009	211,123	3,198	2,730
41	33	97 283	8 922,663	134 077,171	15,027	14,559	91	83	9 733	48,462	145,114	2,994	2,526
42	34	97 107	8 402,451	125 154,508	14,895	14,427	92	84	7 350	34,527	96,652	2,799	2,331
43	35	96 933	7 912,605	116 752,057	14,755	14,287	93	85	5 340	23,666	62,125	2,625	2,157
44	36	96 733	7 449,338	108 839,452	14,611	14,143	94	86	3 735	15,615	38,459	2,463	1,995
45	37	96 519	7 012,147	101 390,115	14,459	13,991	95	87	2 494	9,838	22,844	2,322	1,854
46	38	96 289	6 599,467	94 377,968	14,301	13,833	96	88	1 593	5,929	13,006	2,194	1,726
47	39	96 038	6 209,627	87 778,501	14,136	13,668	97	89	968	3,400	7,077	2,082	1,614
48	40	95 751	5 840,677	81 568,874	13,966	13,498	98	90	563	1,864	3,677	1,973	1,505
49	41	95 440	5 492,133	75 728,197	13,788	13,321	99	91	311	0,972	1,814	1,866	1,398
							100	92	161	0,474	0,842	1,778	1,310

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	41	95 159	5 166,041	70 472,754	13,642	13,174
							51	42	94 784	4 854,402	65 306,713	13,453	12,985
							52	43	94 369	4 559,557	60 452,310	13,258	12,790
							53	44	93 907	4 280,443	55 892,753	13,058	12,590
							54	45	93 395	4 016,124	51 612,310	12,851	12,383
							55	46	92 827	3 765,765	47 596,186	12,639	12,171
							56	47	92 190	3 528,223	43 830,420	12,423	11,955
							57	48	91 487	3 303,133	40 302,197	12,201	11,733
							58	49	90 703	3 089,439	36 999,065	11,976	11,508
							59	50	89 850	2 887,183	33 909,626	11,745	11,277
							60	51	88 905	2 695,110	31 022,443	11,511	11,043
							61	52	87 873	2 513,035	28 327,333	11,272	10,804
							62	53	86 751	2 340,504	25 814,298	11,029	10,561
							63	54	85 519	2 176,662	23 473,795	10,784	10,316
							64	55	84 178	2 021,271	21 297,133	10,537	10,069
							65	56	82 730	1 874,058	19 275,862	10,286	9,818
							66	57	81 185	1 734,950	17 401,804	10,030	9,562
							67	58	79 521	1 603,204	15 666,854	9,772	9,304
							68	59	77 757	1 478,913	14 063,650	9,509	9,041
							69	60	75 877	1 361,462	12 584,736	9,244	8,776
							70	61	73 897	1 250,874	11 223,274	8,972	8,504
							71	62	71 830	1 147,061	9 972,400	8,694	8,226
							72	63	69 610	1 048,688	8 825,339	8,416	7,948
							73	64	67 322	956,813	7 776,651	8,128	7,660
							74	65	64 896	870,135	6 819,838	7,838	7,370
							75	66	62 369	788,911	5 949,703	7,542	7,074
							76	67	59 706	712,479	5 160,791	7,243	6,775
							77	68	56 932	640,925	4 448,313	6,940	6,472
							78	69	54 083	574,381	3 807,388	6,629	6,161
							79	70	51 067	511,659	3 233,007	6,319	5,851
							80	71	47 932	453,058	2 721,348	6,007	5,539
							81	72	44 633	397,995	2 268,290	5,699	5,231
							82	73	41 231	346,849	1 870,296	5,392	4,924
							83	74	37 727	299,411	1 523,447	5,088	4,620
							84	75	34 115	255,416	1 224,036	4,792	4,324
							85	76	30 434	214,960	968,620	4,506	4,038
							86	77	26 727	178,092	753,661	4,232	3,764
							87	78	23 096	145,184	575,569	3,964	3,496
							88	79	19 568	116,048	430,385	3,709	3,241
							89	80	16 183	90,537	314,337	3,472	3,004
							90	81	13 033	68,789	223,800	3,253	2,785
							91	82	10 213	50,852	155,011	3,048	2,580
							92	83	7 780	36,544	104,159	2,850	2,382
							93	84	5 704	25,278	67,615	2,675	2,207
							94	85	4 032	16,858	42,337	2,511	2,043
							95	86	2 727	10,755	25,479	2,369	1,901
							96	87	1 769	6,581	14,724	2,237	1,769
							97	88	1 092	3,834	8,142	2,124	1,656
							98	89	646	2,139	4,308	2,014	1,546
							99	90	365	1,139	2,169	1,904	1,436
							100	91	193	0,568	1,030	1,814	1,346

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	40	95 220	5 169,314	70 688,850	13,675	13,207
							51	41	94 853	4 857,963	65 519,536	13,487	13,019
							52	42	94 445	4 563,239	60 661,574	13,294	12,826
							53	43	93 992	4 284,281	56 098,334	13,094	12,626
							54	44	93 483	4 019,926	51 814,054	12,889	12,421
							55	45	92 927	3 769,820	47 794,128	12,678	12,210
							56	46	92 299	3 532,406	44 024,307	12,463	11,995
							57	47	91 606	3 307,430	40 491,901	12,243	11,775
							58	48	90 840	3 094,133	37 184,471	12,018	11,550
							59	49	90 002	2 892,053	34 090,338	11,788	11,320
10	0	99 558	55 592,452	949 946,225	17,088	16,620	60	50	89 070	2 700,089	31 198,285	11,555	11,087
11	1	99 262	52 290,149	894 353,772	17,104	16,636	61	51	88 056	2 518,264	28 498,196	11,317	10,849
12	2	99 233	49 315,949	842 063,623	17,075	16,607	62	52	86 942	2 345,674	25 979,932	11,076	10,608
13	3	99 212	46 514,249	792 747,674	17,043	16,575	63	53	85 731	2 182,071	23 634,258	10,831	10,363
14	4	99 192	43 872,914	746 233,425	17,009	16,541	64	54	84 411	2 026,853	21 452,187	10,584	10,116
15	5	99 171	41 380,619	702 360,511	16,973	16,505	65	55	82 989	1 879,909	19 425,334	10,333	9,865
16	6	99 149	39 029,601	660 979,891	16,935	16,467	66	56	81 460	1 740,837	17 545,425	10,079	9,611
17	7	99 119	36 809,270	621 950,291	16,897	16,429	67	57	79 821	1 609,249	15 804,588	9,821	9,353
18	8	99 088	34 714,814	585 141,020	16,856	16,388	68	58	78 083	1 485,111	14 195,339	9,558	9,090
19	9	99 042	32 734,824	550 426,206	16,815	16,347	69	59	76 230	1 367,801	12 710,228	9,292	8,824
20	10	98 997	30 867,807	517 691,383	16,771	16,303	70	60	74 277	1 257,320	11 342,426	9,021	8,553
21	11	98 951	29 106,938	486 823,576	16,725	16,257	71	61	72 233	1 153,505	10 085,106	8,743	8,275
22	12	98 903	27 446,158	457 716,638	16,677	16,209	72	62	70 038	1 055,147	8 931,601	8,465	7,997
23	13	98 856	25 880,112	430 270,480	16,626	16,158	73	63	67 780	963,325	7 876,454	8,176	7,708
24	14	98 806	24 403,012	404 390,368	16,571	16,103	74	64	65 381	876,630	6 913,129	7,886	7,418
25	15	98 752	23 009,041	379 987,356	16,515	16,047	75	65	62 873	795,284	6 036,498	7,590	7,122
26	16	98 697	21 694,543	356 978,315	16,455	15,987	76	66	60 233	718,773	5 241,214	7,292	6,824
27	17	98 641	20 454,916	335 283,773	16,391	15,923	77	67	57 470	646,979	4 522,441	6,990	6,522
28	18	98 584	19 285,911	314 828,857	16,324	15,856	78	68	54 640	580,302	3 875,461	6,678	6,210
29	19	98 522	18 182,888	295 542,946	16,254	15,786	79	69	51 664	517,636	3 295,159	6,366	5,898
30	20	98 457	17 142,388	277 360,058	16,180	15,712	80	70	48 541	458,817	2 777,523	6,054	5,586
31	21	98 389	16 160,878	260 217,670	16,102	15,634	81	71	45 258	403,570	2 318,707	5,745	5,278
32	22	98 316	15 234,778	244 056,792	16,020	15,552	82	72	41 856	352,112	1 915,137	5,439	4,971
33	23	98 239	14 361,242	228 822,015	15,933	15,465	83	73	38 369	304,507	1 563,025	5,133	4,665
34	24	98 154	13 536,628	214 460,773	15,843	15,375	84	74	34 747	260,149	1 258,518	4,838	4,370
35	25	98 069	12 759,333	200 924,144	15,747	15,279	85	75	31 059	219,373	998,369	4,551	4,083
36	26	97 976	12 025,681	188 164,811	15,647	15,179	86	76	27 332	182,126	778,996	4,277	3,809
37	27	97 872	11 332,942	176 139,130	15,542	15,074	87	77	23 662	148,745	596,870	4,013	3,545
38	28	97 754	10 678,550	164 806,188	15,433	14,965	88	78	20 116	119,293	448,125	3,757	3,289
39	29	97 632	10 061,473	154 127,638	15,319	14,851	89	79	16 697	93,415	328,832	3,520	3,052
40	30	97 495	9 478,656	144 066,165	15,199	14,731	90	80	13 509	71,303	235,417	3,302	2,834
41	31	97 347	8 928,536	134 587,509	15,074	14,606	91	81	10 643	52,994	164,114	3,097	2,629
42	32	97 174	8 408,219	125 658,973	14,945	14,477	92	82	8 163	38,346	111,120	2,898	2,430
43	33	97 004	7 918,400	117 250,754	14,807	14,339	93	83	6 037	26,755	72,773	2,720	2,252
44	34	96 815	7 455,664	109 332,354	14,664	14,196	94	84	4 307	18,006	46,018	2,556	2,088
45	35	96 611	7 018,770	101 876,689	14,515	14,047	95	85	2 944	11,611	28,012	2,413	1,945
46	36	96 384	6 605,951	94 857,920	14,359	13,891	96	86	1 934	7,195	16,401	2,280	1,812
47	37	96 139	6 216,208	88 251,969	14,197	13,729	97	87	1 212	4,256	9,206	2,163	1,695
48	38	95 867	5 847,720	82 035,761	14,029	13,561	98	88	729	2,413	4,951	2,052	1,584
49	39	95 562	5 499,190	76 188,040	13,854	13,386	99	89	419	1,308	2,538	1,941	1,473
							100	90	226	0,666	1,230	1,848	1,380

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	39	95 282	5 172,679	70 886,458	13,704	13,236
1							51	40	94 914	4 861,041	65 713,779	13,518	13,050
2							52	41	94 514	4 566,586	60 852,738	13,326	12,858
3							53	42	94 067	4 287,740	56 286,152	13,127	12,659
4							54	43	93 567	4 023,530	51 998,412	12,924	12,456
5							55	44	93 015	3 773,389	47 974,882	12,714	12,246
6							56	45	92 399	3 536,210	44 201,492	12,500	12,032
7							57	46	91 715	3 311,351	40 665,282	12,281	11,813
8							58	47	90 959	3 098,159	37 353,931	12,057	11,589
9							59	48	90 139	2 896,447	34 255,772	11,827	11,359
10							60	49	89 220	2 704,644	31 359,325	11,595	11,127
11	0	99 550	52 441,804	894 810,640	17,063	16,595	61	50	88 219	2 522,916	28 654,682	11,358	10,890
12	1	99 255	49 326,920	842 368,836	17,077	16,609	62	51	87 123	2 350,555	26 131,765	11,117	10,649
13	2	99 225	46 520,362	793 041,916	17,047	16,579	63	52	85 920	2 186,891	23 781,210	10,874	10,406
14	3	99 202	43 877,289	746 521,554	17,014	16,546	64	53	84 620	2 031,889	21 594,319	10,628	10,160
15	4	99 180	41 384,429	702 644,265	16,978	16,511	65	54	83 218	1 885,101	19 562,429	10,377	9,909
16	5	99 156	39 032,253	661 259,837	16,941	16,473	66	55	81 714	1 746,272	17 677,328	10,123	9,655
17	6	99 126	36 811,958	622 227,584	16,903	16,435	67	56	80 092	1 614,709	15 931,056	9,866	9,398
18	7	99 093	34 716,468	585 415,626	16,863	16,395	68	57	78 378	1 490,711	14 316,347	9,604	9,136
19	8	99 050	32 737,183	550 699,158	16,822	16,354	69	58	76 550	1 373,534	12 825,636	9,338	8,870
20	9	99 003	30 869,447	517 961,975	16,779	16,311	70	59	74 623	1 263,174	11 452,102	9,066	8,598
21	10	98 956	29 108,556	487 092,528	16,734	16,266	71	60	72 605	1 159,449	10 188,928	8,788	8,320
22	11	98 911	27 448,269	457 983,972	16,685	16,217	72	61	70 432	1 061,075	9 029,479	8,510	8,042
23	12	98 862	25 881,747	430 535,702	16,635	16,167	73	62	68 197	969,259	7 968,404	8,221	7,753
24	13	98 814	24 404,941	404 653,955	16,581	16,113	74	63	65 826	882,597	6 999,145	7,930	7,462
25	14	98 761	23 011,164	380 249,014	16,525	16,057	75	64	63 342	801,220	6 116,548	7,634	7,166
26	15	98 708	21 697,055	357 237,851	16,465	15,997	76	65	60 720	724,580	5 315,328	7,336	6,868
27	16	98 653	20 457,531	335 540,796	16,402	15,934	77	66	57 978	652,695	4 590,748	7,034	6,566
28	17	98 596	19 288,412	315 083,265	16,335	15,867	78	67	55 156	585,784	3 938,052	6,723	6,255
29	18	98 538	18 185,840	295 794,853	16,265	15,797	79	68	52 197	522,972	3 352,269	6,410	5,942
30	19	98 473	17 145,206	277 609,013	16,192	15,724	80	69	49 108	464,176	2 829,296	6,095	5,627
31	20	98 405	16 163,523	260 463,807	16,114	15,646	81	70	45 833	408,700	2 365,120	5,787	5,319
32	21	98 333	15 237,365	244 300,284	16,033	15,565	82	71	42 443	357,045	1 956,420	5,479	5,012
33	22	98 256	14 363,652	229 062,919	15,947	15,479	83	72	38 952	309,128	1 599,376	5,174	4,706
34	23	98 170	13 538,843	214 699,267	15,858	15,390	84	73	35 338	264,577	1 290,248	4,877	4,409
35	24	98 085	12 761,430	201 160,424	15,763	15,295	85	74	31 634	223,438	1 025,672	4,590	4,122
36	25	97 995	12 028,019	188 398,995	15,663	15,195	86	75	27 893	185,865	802,233	4,316	3,848
37	26	97 890	11 334,963	176 370,975	15,560	15,092	87	76	24 198	152,114	616,368	4,052	3,584
38	27	97 775	10 680,790	165 036,013	15,452	14,984	88	77	20 609	122,219	464,254	3,799	3,331
39	28	97 655	10 063,868	154 355,223	15,338	14,870	89	78	17 164	96,028	342,035	3,562	3,094
40	29	97 519	9 480,996	144 291,355	15,219	14,751	90	79	13 939	73,570	246,007	3,344	2,876
41	30	97 374	8 931,062	134 810,359	15,095	14,627	91	80	11 032	54,931	172,438	3,139	2,671
42	31	97 205	8 410,927	125 879,298	14,966	14,498	92	81	8 507	39,961	117,507	2,941	2,473
43	32	97 037	7 921,061	117 468,370	14,830	14,362	93	82	6 335	28,075	77,545	2,762	2,294
44	33	96 849	7 458,276	109 547,309	14,688	14,220	94	83	4 559	19,058	49,471	2,596	2,128
45	34	96 648	7 021,450	102 089,033	14,540	14,072	95	84	3 145	12,402	30,412	2,452	1,984
46	35	96 429	6 609,037	95 067,582	14,384	13,917	96	85	2 087	7,767	18,010	2,319	1,851
47	36	96 185	6 219,174	88 458,545	14,224	13,756	97	86	1 325	4,652	10,243	2,202	1,734
48	37	95 915	5 850,674	82 239,371	14,056	13,588	98	87	809	2,678	5,591	2,088	1,620
49	38	95 615	5 502,239	76 388,697	13,883	13,415	99	88	472	1,475	2,913	1,975	1,507
							100	89	259	0,764	1,438	1,882	1,414

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	5 175,547	71 066,910	13,731	13,263
1							51	39	94 975	4 864,205	65 891,363	13,546	13,078
2							52	40	94 574	4 569,479	61 027,157	13,355	12,887
3							53	41	94 136	4 290,885	56 457,678	13,158	12,690
4							54	42	93 643	4 026,779	52 166,793	12,955	12,487
5							55	43	93 099	3 776,772	48 140,014	12,746	12,278
6							56	44	92 486	3 539,558	44 363,242	12,534	12,066
7							57	45	91 814	3 314,917	40 823,684	12,315	11,847
8							58	46	91 066	3 101,832	37 508,767	12,092	11,624
9							59	47	90 256	2 900,216	34 406,935	11,864	11,396
10							60	48	89 356	2 708,753	31 506,719	11,631	11,163
11							61	49	88 368	2 527,172	28 797,966	11,395	10,927
12	0	99 543	49 469,981	842 790,913	17,036	16,568	62	50	87 284	2 354,898	26 270,794	11,156	10,688
13	1	99 247	46 530,711	793 320,932	17,049	16,581	63	51	86 099	2 191,442	23 915,896	10,913	10,445
14	2	99 215	43 883,055	746 790,221	17,018	16,550	64	52	84 807	2 036,378	21 724,454	10,668	10,200
15	3	99 190	41 388,555	702 907,165	16,983	16,515	65	53	83 425	1 889,785	19 688,076	10,418	9,950
16	4	99 165	39 035,846	661 518,610	16,946	16,478	66	54	81 940	1 751,095	17 798,291	10,164	9,696
17	5	99 133	36 814,459	622 482,764	16,909	16,441	67	55	80 342	1 619,751	16 047,196	9,907	9,439
18	6	99 100	34 719,003	585 668,305	16,869	16,401	68	56	78 644	1 495,769	14 427,445	9,646	9,178
19	7	99 054	32 738,742	550 949,302	16,829	16,361	69	57	76 838	1 378,713	12 931,677	9,380	8,912
20	8	99 010	30 871,672	518 210,560	16,786	16,318	70	58	74 936	1 268,468	11 552,964	9,108	8,640
21	9	98 962	29 110,103	487 338,888	16,741	16,273	71	59	72 943	1 164,848	10 284,496	8,829	8,361
22	10	98 916	27 449,795	458 228,784	16,693	16,225	72	60	70 795	1 066,543	9 119,648	8,551	8,083
23	11	98 869	25 883,738	430 778,989	16,643	16,175	73	61	68 581	974,704	8 053,105	8,262	7,794
24	12	98 820	24 406,483	404 895,251	16,590	16,122	74	62	66 231	888,033	7 078,401	7,971	7,503
25	13	98 769	23 012,983	380 488,768	16,534	16,066	75	63	63 773	806,674	6 190,368	7,674	7,206
26	14	98 717	21 699,057	357 475,786	16,474	16,006	76	64	61 173	729,988	5 383,695	7,375	6,907
27	15	98 665	20 459,900	335 776,729	16,411	15,943	77	65	58 446	657,968	4 653,706	7,073	6,605
28	16	98 609	19 290,878	315 316,829	16,345	15,877	78	66	55 644	590,959	3 995,738	6,761	6,293
29	17	98 551	18 188,198	296 025,951	16,276	15,808	79	67	52 690	527,913	3 404,779	6,450	5,982
30	18	98 489	17 147,989	277 837,753	16,202	15,734	80	68	49 614	468,962	2 876,866	6,135	5,667
31	19	98 421	16 166,180	260 689,764	16,126	15,658	81	69	46 368	413,474	2 407,905	5,824	5,356
32	20	98 349	15 239,860	244 523,583	16,045	15,577	82	70	42 982	361,583	1 994,431	5,516	5,048
33	21	98 273	14 366,091	229 283,724	15,960	15,492	83	71	39 497	313,458	1 632,848	5,209	4,741
34	22	98 187	13 541,115	214 917,633	15,871	15,404	84	72	35 874	268,591	1 319,390	4,912	4,444
35	23	98 102	12 763,517	201 376,518	15,778	15,310	85	73	32 173	227,241	1 050,799	4,624	4,156
36	24	98 011	12 029,995	188 613,001	15,679	15,211	86	74	28 410	189,309	823,557	4,350	3,882
37	25	97 909	11 337,167	176 583,005	15,576	15,108	87	75	24 695	155,238	634,248	4,086	3,618
38	26	97 792	10 682,694	165 245,838	15,469	15,001	88	76	21 076	124,987	479,010	3,832	3,365
39	27	97 675	10 065,979	154 563,144	15,355	14,887	89	77	17 585	98,383	354,023	3,598	3,130
40	28	97 542	9 483,252	144 497,165	15,237	14,769	90	78	14 329	75,627	255,641	3,380	2,912
41	29	97 398	8 933,266	135 013,913	15,114	14,646	91	79	11 383	56,677	180,013	3,176	2,708
42	30	97 233	8 413,307	126 080,647	14,986	14,518	92	80	8 818	41,422	123,336	2,978	2,510
43	31	97 068	7 923,613	117 667,340	14,850	14,382	93	81	6 602	29,257	81,914	2,800	2,332
44	32	96 882	7 460,783	109 743,728	14,709	14,241	94	82	4 783	19,998	52,657	2,633	2,165
45	33	96 681	7 023,910	102 282,945	14,562	14,094	95	83	3 328	13,127	32,659	2,488	2,020
46	34	96 466	6 611,561	95 259,035	14,408	13,940	96	84	2 230	8,296	19,532	2,354	1,886
47	35	96 230	6 222,079	88 647,474	14,247	13,779	97	85	1 431	5,023	11,236	2,237	1,769
48	36	95 961	5 853,466	82 425,394	14,081	13,614	98	86	884	2,928	6,213	2,122	1,654
49	37	95 663	5 505,019	76 571,929	13,909	13,442	99	87	524	1,637	3,285	2,007	1,539
							100	88	292	0,862	1,648	1,913	1,445

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	37	95 383	5 178,162	71 231,649	13,756	13,288
1							51	38	95 028	4 866,902	66 053,487	13,572	13,104
2							52	39	94 636	4 572,454	61 186,585	13,382	12,914
3							53	40	94 196	4 293,604	56 614,130	13,186	12,718
4							54	41	93 712	4 029,732	52 320,527	12,984	12,516
5							55	42	93 174	3 779,822	48 290,794	12,776	12,308
6							56	43	92 569	3 542,731	44 510,972	12,564	12,096
7							57	44	91 901	3 318,056	40 968,241	12,347	11,879
8							58	45	91 165	3 105,172	37 650,186	12,125	11,657
9							59	46	90 363	2 903,654	34 545,014	11,897	11,429
10							60	47	89 472	2 712,277	31 641,360	11,666	11,198
11							61	48	88 502	2 531,012	28 929,083	11,430	10,962
12							62	49	87 431	2 358,870	26 398,070	11,191	10,723
13	0	99 535	46 665,662	793 710,914	17,008	16,540	63	50	86 258	2 195,490	24 039,200	10,949	10,481
14	1	99 237	43 892,818	747 045,253	17,020	16,552	64	51	84 984	2 040,616	21 843,710	10,704	10,237
15	2	99 203	41 393,994	703 152,435	16,987	16,519	65	52	83 609	1 893,960	19 803,095	10,456	9,988
16	3	99 175	39 039,738	661 758,440	16,951	16,483	66	53	82 144	1 755,446	17 909,135	10,202	9,734
17	4	99 142	36 817,849	622 718,702	16,914	16,446	67	54	80 564	1 624,224	16 153,688	9,945	9,478
18	5	99 107	34 721,362	585 900,854	16,874	16,406	68	55	78 889	1 500,439	14 529,464	9,683	9,216
19	6	99 062	32 741,133	551 179,492	16,834	16,367	69	56	77 099	1 383,391	13 029,025	9,418	8,950
20	7	99 014	30 873,143	518 438,359	16,793	16,325	70	57	75 218	1 273,251	11 645,634	9,146	8,678
21	8	98 969	29 112,201	487 565,216	16,748	16,280	71	58	73 249	1 169,730	10 372,384	8,867	8,399
22	9	98 922	27 451,254	458 453,015	16,701	16,233	72	59	71 124	1 071,509	9 202,654	8,589	8,121
23	10	98 875	25 885,177	431 001,760	16,651	16,183	73	60	68 934	979,727	8 131,145	8,299	7,831
24	11	98 828	24 408,360	405 116,583	16,597	16,129	74	61	66 603	893,022	7 151,419	8,008	7,540
25	12	98 775	23 014,437	380 708,223	16,542	16,074	75	62	64 166	811,642	6 258,397	7,711	7,243
26	13	98 725	21 700,772	357 693,786	16,483	16,015	76	63	61 590	734,957	5 446,754	7,411	6,943
27	14	98 674	20 461,787	335 993,015	16,421	15,953	77	64	58 882	662,879	4 711,798	7,108	6,640
28	15	98 620	19 293,111	315 531,227	16,355	15,887	78	65	56 093	595,733	4 048,918	6,797	6,329
29	16	98 563	18 190,524	296 238,116	16,285	15,817	79	66	53 155	532,577	3 453,185	6,484	6,016
30	17	98 502	17 150,213	278 047,592	16,212	15,745	80	67	50 083	473,392	2 920,608	6,170	5,702
31	18	98 437	16 168,805	260 897,379	16,136	15,668	81	68	46 847	417,736	2 447,217	5,858	5,390
32	19	98 365	15 242,365	244 728,574	16,056	15,588	82	69	43 484	365,807	2 029,481	5,548	5,080
33	20	98 289	14 368,443	229 486,209	15,972	15,504	83	70	39 999	317,442	1 663,674	5,241	4,773
34	21	98 204	13 543,414	215 117,766	15,884	15,416	84	71	36 377	272,354	1 346,231	4,943	4,475
35	22	98 118	12 765,659	201 574,352	15,790	15,322	85	72	32 661	230,690	1 073,878	4,655	4,187
36	23	98 027	12 031,963	188 808,693	15,692	15,224	86	73	28 894	192,531	843,188	4,379	3,912
37	24	97 925	11 339,030	176 776,730	15,590	15,122	87	74	25 152	158,114	650,656	4,115	3,647
38	25	97 811	10 684,771	165 437,700	15,484	15,016	88	75	21 508	127,554	492,542	3,861	3,393
39	26	97 693	10 067,773	154 752,929	15,371	14,903	89	76	17 983	100,611	364,989	3,628	3,160
40	27	97 563	9 485,242	144 685,155	15,254	14,786	90	77	14 680	77,482	264,378	3,412	2,944
41	28	97 421	8 935,393	135 199,913	15,131	14,663	91	78	11 701	58,262	186,896	3,208	2,740
42	29	97 257	8 415,383	126 264,521	15,004	14,536	92	79	9 098	42,739	128,633	3,010	2,542
43	30	97 095	7 925,854	117 849,137	14,869	14,401	93	80	6 843	30,326	85,894	2,832	2,364
44	31	96 913	7 463,186	109 923,284	14,729	14,261	94	81	4 985	20,840	55,568	2,666	2,198
45	32	96 714	7 026,271	102 460,098	14,582	14,114	95	82	3 492	13,774	34,728	2,521	2,053
46	33	96 500	6 613,877	95 433,827	14,429	13,961	96	83	2 360	8,781	20,954	2,386	1,918
47	34	96 267	6 224,456	88 819,950	14,270	13,802	97	84	1 528	5,365	12,173	2,269	1,801
48	35	96 006	5 856,200	82 595,494	14,104	13,636	98	85	954	3,161	6,808	2,154	1,686
49	36	95 709	5 507,645	76 739,294	13,933	13,465	99	86	573	1,790	3,647	2,038	1,570
							100	87	325	0,956	1,857	1,942	1,474

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	5 180,632	71 382,087	13,779	13,311
1							51	37	95 076	4 869,361	66 201,455	13,596	13,128
2							52	38	94 688	4 574,989	61 332,094	13,406	12,938
3							53	39	94 257	4 296,399	56 757,105	13,210	12,742
4							54	40	93 771	4 032,285	52 460,706	13,010	12,542
5							55	41	93 242	3 782,595	48 428,420	12,803	12,335
6							56	42	92 644	3 545,592	44 645,826	12,592	12,124
7							57	43	91 983	3 321,030	41 100,234	12,376	11,908
8							58	44	91 251	3 108,112	37 779,204	12,155	11,687
9							59	45	90 460	2 906,781	34 671,092	11,928	11,460
10							60	46	89 578	2 715,493	31 764,311	11,697	11,229
11							61	47	88 617	2 534,305	29 048,819	11,462	10,994
12							62	48	87 564	2 362,454	26 514,513	11,223	10,755
13							63	49	86 404	2 199,194	24 152,059	10,982	10,514
14	0	99 525	44 020,118	747 405,631	16,979	16,511	64	50	85 141	2 044,385	21 952,866	10,738	10,270
15	1	99 225	41 403,203	703 385,513	16,989	16,521	65	51	83 783	1 897,901	19 908,480	10,490	10,022
16	2	99 188	39 044,869	661 982,310	16,954	16,486	66	52	82 325	1 759,324	18 010,579	10,237	9,769
17	3	99 152	36 821,520	622 937,441	16,918	16,450	67	53	80 764	1 628,260	16 251,255	9,981	9,513
18	4	99 116	34 724,558	586 115,921	16,879	16,411	68	54	79 107	1 504,583	14 622,995	9,719	9,251
19	5	99 068	32 743,358	551 391,363	16,840	16,372	69	55	77 340	1 387,710	13 118,412	9,453	8,985
20	6	99 022	30 875,397	518 648,006	16,798	16,330	70	56	75 474	1 277,571	11 730,702	9,182	8,714
21	7	98 973	29 113,588	487 772,608	16,754	16,286	71	57	73 525	1 174,140	10 453,131	8,903	8,435
22	8	98 929	27 453,233	458 659,020	16,707	16,239	72	58	71 422	1 075,999	9 278,991	8,624	8,156
23	9	98 880	25 886,553	431 205,787	16,658	16,190	73	59	69 255	984,288	8 202,991	8,334	7,866
24	10	98 833	24 409,717	405 319,235	16,605	16,137	74	60	66 947	897,624	7 218,703	8,042	7,574
25	11	98 783	23 016,207	380 909,517	16,550	16,082	75	61	64 526	816,202	6 321,079	7,745	7,277
26	12	98 731	21 702,143	357 893,310	16,491	16,023	76	62	61 969	739,484	5 504,878	7,444	6,976
27	13	98 682	20 463,405	336 191,167	16,429	15,961	77	63	59 283	667,391	4 765,394	7,140	6,672
28	14	98 629	19 294,891	315 727,762	16,363	15,895	78	64	56 512	600,180	4 098,003	6,828	6,360
29	15	98 575	18 192,630	296 432,871	16,294	15,826	79	65	53 585	536,879	3 497,823	6,515	6,047
30	16	98 515	17 152,405	278 240,241	16,222	15,754	80	66	50 525	477,574	2 960,944	6,200	5,732
31	17	98 450	16 170,902	261 087,835	16,146	15,678	81	67	47 289	421,682	2 483,370	5,889	5,421
32	18	98 381	15 244,840	244 916,934	16,066	15,598	82	68	43 933	369,578	2 061,687	5,578	5,111
33	19	98 305	14 370,805	229 672,094	15,982	15,514	83	69	40 466	321,151	1 692,109	5,269	4,801
34	20	98 220	13 545,631	215 301,289	15,895	15,427	84	70	36 839	275,816	1 370,959	4,971	4,503
35	21	98 135	12 767,827	201 755,658	15,802	15,334	85	71	33 118	233,921	1 095,143	4,682	4,214
36	22	98 044	12 033,982	188 987,831	15,705	15,237	86	72	29 332	195,453	861,222	4,406	3,938
37	23	97 941	11 340,884	176 953,848	15,603	15,135	87	73	25 581	160,805	665,769	4,140	3,672
38	24	97 827	10 686,527	165 612,964	15,497	15,029	88	74	21 907	129,917	504,964	3,887	3,419
39	25	97 712	10 069,731	154 926,437	15,385	14,917	89	75	18 352	102,677	375,047	3,653	3,185
40	26	97 580	9 486,933	144 856,706	15,269	14,801	90	76	15 013	79,237	272,370	3,437	2,969
41	27	97 442	8 937,267	135 369,773	15,147	14,679	91	77	11 988	59,691	193,133	3,236	2,768
42	28	97 280	8 417,386	126 432,506	15,020	14,552	92	78	9 353	43,934	133,441	3,037	2,569
43	29	97 119	7 927,810	118 015,119	14,886	14,418	93	79	7 061	31,290	89,507	2,861	2,393
44	30	96 940	7 465,297	110 087,309	14,747	14,279	94	80	5 167	21,602	58,217	2,695	2,227
45	31	96 745	7 028,534	102 622,012	14,601	14,133	95	81	3 639	14,354	36,615	2,551	2,083
46	32	96 532	6 616,100	95 593,479	14,449	13,981	96	82	2 476	9,214	22,260	2,416	1,948
47	33	96 301	6 226,637	88 977,379	14,290	13,822	97	83	1 618	5,678	13,046	2,298	1,830
48	34	96 042	5 858,437	82 750,742	14,125	13,657	98	84	1 019	3,376	7,368	2,182	1,714
49	35	95 754	5 510,218	76 892,305	13,954	13,487	99	85	618	1,932	3,992	2,066	1,598
							100	86	355	1,046	2,060	1,970	1,502

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	5 183,052	71 519,598	13,799	13,331
1							51	36	95 121	4 871,684	66 336,545	13,617	13,149
2							52	37	94 736	4 577,301	61 464,861	13,428	12,960
3							53	38	94 310	4 298,781	56 887,560	13,233	12,765
4							54	39	93 832	4 034,911	52 588,779	13,033	12,565
5							55	40	93 301	3 784,991	48 553,869	12,828	12,360
6							56	41	92 712	3 548,192	44 768,878	12,617	12,149
7							57	42	92 057	3 323,712	41 220,685	12,402	11,934
8							58	43	91 333	3 110,898	37 896,974	12,182	11,714
9							59	44	90 546	2 909,533	34 786,076	11,956	11,488
10							60	45	89 674	2 718,417	31 876,543	11,726	11,258
11							61	46	88 722	2 537,310	29 158,126	11,492	11,024
12							62	47	87 678	2 365,528	26 620,816	11,254	10,786
13							63	48	86 535	2 202,535	24 255,288	11,012	10,544
14							64	49	85 285	2 047,834	22 052,753	10,769	10,301
15	0	99 513	41 523,283	703 718,577	16,948	16,480	65	50	83 938	1 901,407	20 004,919	10,521	10,053
16	1	99 210	39 053,555	662 195,294	16,956	16,488	66	51	82 497	1 762,985	18 103,512	10,269	9,801
17	2	99 165	36 826,359	623 141,739	16,921	16,453	67	52	80 942	1 631,857	16 340,526	10,013	9,545
18	3	99 126	34 728,021	586 315,380	16,883	16,415	68	53	79 304	1 508,321	14 708,669	9,752	9,284
19	4	99 077	32 746,372	551 587,360	16,844	16,376	69	54	77 553	1 391,543	13 200,348	9,486	9,018
20	5	99 028	30 877,495	518 840,988	16,803	16,335	70	55	75 709	1 281,560	11 808,805	9,214	8,746
21	6	98 981	29 115,714	487 963,493	16,759	16,291	71	56	73 775	1 178,124	10 527,245	8,936	8,468
22	7	98 933	27 454,541	458 847,779	16,713	16,245	72	57	71 692	1 080,056	9 349,121	8,656	8,188
23	8	98 887	25 888,419	431 393,238	16,664	16,196	73	58	69 545	988,414	8 269,065	8,366	7,898
24	9	98 839	24 411,015	405 504,820	16,612	16,144	74	59	67 258	901,803	7 280,651	8,073	7,605
25	10	98 788	23 017,487	381 093,805	16,557	16,089	75	60	64 859	820,408	6 378,848	7,775	7,307
26	11	98 739	21 703,812	358 076,319	16,498	16,030	76	61	62 317	743,638	5 558,440	7,475	7,007
27	12	98 688	20 464,698	336 372,506	16,437	15,969	77	62	59 648	671,502	4 814,803	7,170	6,702
28	13	98 637	19 296,417	315 907,808	16,371	15,903	78	63	56 896	604,265	4 143,301	6,857	6,389
29	14	98 584	18 194,308	296 611,391	16,302	15,834	79	64	53 985	540,886	3 539,036	6,543	6,075
30	15	98 526	17 154,392	278 417,083	16,230	15,762	80	65	50 934	481,432	2 998,149	6,228	5,760
31	16	98 463	16 172,969	261 262,691	16,154	15,686	81	66	47 707	425,408	2 516,717	5,916	5,448
32	17	98 394	15 246,816	245 089,722	16,075	15,607	82	67	44 348	373,069	2 091,309	5,606	5,138
33	18	98 321	14 373,138	229 842,906	15,991	15,523	83	68	40 884	324,461	1 718,240	5,296	4,828
34	19	98 236	13 547,858	215 469,768	15,904	15,436	84	69	37 270	279,038	1 393,779	4,995	4,527
35	20	98 151	12 769,917	201 921,909	15,812	15,344	85	70	33 539	236,895	1 114,741	4,706	4,238
36	21	98 061	12 036,026	189 151,992	15,715	15,248	86	71	29 743	198,191	877,847	4,429	3,961
37	22	97 957	11 342,788	177 115,966	15,615	15,147	87	72	25 969	163,245	679,656	4,163	3,695
38	23	97 843	10 688,275	165 773,179	15,510	15,042	88	73	22 280	132,128	516,410	3,908	3,440
39	24	97 728	10 071,386	155 084,904	15,399	14,931	89	74	18 693	104,579	384,282	3,675	3,207
40	25	97 599	9 488,778	145 013,518	15,283	14,815	90	75	15 321	80,864	279,702	3,459	2,991
41	26	97 459	8 938,861	135 524,741	15,161	14,693	91	76	12 259	61,043	198,838	3,257	2,789
42	27	97 300	8 419,152	126 585,880	15,035	14,568	92	77	9 582	45,012	137,795	3,061	2,593
43	28	97 142	7 929,697	118 166,728	14,902	14,434	93	78	7 258	32,166	92,783	2,885	2,417
44	29	96 964	7 467,139	110 237,030	14,763	14,295	94	79	5 331	22,289	60,618	2,720	2,252
45	30	96 772	7 030,522	102 769,891	14,618	14,150	95	80	3 772	14,879	38,329	2,576	2,108
46	31	96 563	6 618,231	95 739,369	14,466	13,998	96	81	2 581	9,602	23,450	2,442	1,974
47	32	96 333	6 228,729	89 121,138	14,308	13,840	97	82	1 697	5,958	13,848	2,324	1,856
48	33	96 076	5 860,489	82 892,409	14,144	13,676	98	83	1 079	3,573	7,890	2,208	1,740
49	34	95 790	5 512,323	77 031,920	13,974	13,507	99	84	661	2,064	4,316	2,092	1,624
							100	85	383	1,129	2,253	1,996	1,528

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	5 185,032	71 645,032	13,818	13,350
1							51	35	95 166	4 873,960	66 460,000	13,636	13,168
2							52	36	94 781	4 579,484	61 586,040	13,448	12,980
3							53	37	94 357	4 300,953	57 006,556	13,254	12,786
4							54	38	93 884	4 037,148	52 705,603	13,055	12,587
5							55	39	93 362	3 787,455	48 668,455	12,850	12,382
6							56	40	92 771	3 550,440	44 881,000	12,641	12,173
7							57	41	92 125	3 326,150	41 330,560	12,426	11,958
8							58	42	91 406	3 113,410	38 004,410	12,207	11,739
9							59	43	90 627	2 912,141	34 891,000	11,981	11,513
10							60	44	89 759	2 720,991	31 978,859	11,753	11,285
11							61	45	88 818	2 540,042	29 257,868	11,519	11,051
12							62	46	87 782	2 368,332	26 717,826	11,281	10,813
13							63	47	86 648	2 205,401	24 349,494	11,041	10,573
14							64	48	85 414	2 050,945	22 144,093	10,797	10,329
15							65	49	84 079	1 904,615	20 093,147	10,550	10,082
16	0	99 497	39 166,820	662 503,154	16,915	16,447	66	50	82 649	1 766,242	18 188,533	10,298	9,830
17	1	99 187	36 834,551	623 336,334	16,923	16,455	67	51	81 111	1 635,253	16 422,291	10,043	9,575
18	2	99 139	34 732,585	586 501,782	16,886	16,418	68	52	79 479	1 511,654	14 787,038	9,782	9,314
19	3	99 087	32 749,637	551 769,198	16,848	16,380	69	53	77 746	1 395,000	13 275,384	9,516	9,048
20	4	99 037	30 880,338	519 019,561	16,807	16,339	70	54	75 918	1 285,099	11 880,384	9,245	8,777
21	5	98 987	29 117,692	488 139,223	16,764	16,296	71	55	74 005	1 181,802	10 595,285	8,965	8,497
22	6	98 941	27 456,545	459 021,531	16,718	16,250	72	56	71 935	1 083,721	9 413,482	8,686	8,218
23	7	98 892	25 889,652	431 564,985	16,669	16,201	73	57	69 807	992,140	8 329,761	8,396	7,928
24	8	98 846	24 412,774	405 675,334	16,617	16,149	74	58	67 540	905,583	7 337,621	8,103	7,635
25	9	98 793	23 018,710	381 262,560	16,563	16,095	75	59	65 161	824,228	6 432,038	7,804	7,336
26	10	98 744	21 705,019	358 243,850	16,505	16,037	76	60	62 638	747,470	5 607,811	7,502	7,034
27	11	98 695	20 466,272	336 538,831	16,444	15,976	77	61	59 983	675,274	4 860,341	7,198	6,730
28	12	98 643	19 297,636	316 072,559	16,379	15,911	78	62	57 247	607,987	4 185,066	6,883	6,416
29	13	98 592	18 195,747	296 774,923	16,310	15,842	79	63	54 352	544,568	3 577,080	6,569	6,101
30	14	98 535	17 155,974	278 579,176	16,238	15,770	80	64	51 314	485,026	3 032,512	6,252	5,784
31	15	98 474	16 174,842	261 423,202	16,162	15,694	81	65	48 092	428,845	2 547,486	5,940	5,472
32	16	98 406	15 248,766	245 248,360	16,083	15,615	82	66	44 739	376,365	2 118,642	5,629	5,161
33	17	98 333	14 375,002	229 999,594	16,000	15,532	83	67	41 270	327,526	1 742,276	5,320	4,852
34	18	98 252	13 550,058	215 624,592	15,913	15,445	84	68	37 654	281,914	1 414,750	5,018	4,550
35	19	98 167	12 772,016	202 074,534	15,822	15,354	85	69	33 931	239,662	1 132,836	4,727	4,259
36	20	98 077	12 037,996	189 302,518	15,725	15,257	86	70	30 121	200,710	893,174	4,450	3,982
37	21	97 974	11 344,714	177 264,522	15,625	15,157	87	71	26 333	165,532	692,464	4,183	3,715
38	22	97 860	10 690,068	165 919,808	15,521	15,053	88	72	22 618	134,133	526,932	3,928	3,460
39	23	97 744	10 073,033	155 229,739	15,410	14,942	89	73	19 011	106,359	392,799	3,693	3,225
40	24	97 615	9 490,337	145 156,706	15,295	14,827	90	74	15 605	82,362	286,439	3,478	3,010
41	25	97 478	8 940,599	135 666,370	15,174	14,706	91	75	12 511	62,297	204,076	3,276	2,808
42	26	97 318	8 420,653	126 725,771	15,049	14,581	92	76	9 799	46,031	141,780	3,080	2,612
43	27	97 163	7 931,361	118 305,118	14,916	14,448	93	77	7 436	32,955	95,748	2,905	2,438
44	28	96 987	7 468,917	110 373,757	14,778	14,310	94	78	5 480	22,912	62,794	2,741	2,273
45	29	96 796	7 032,257	102 904,840	14,633	14,165	95	79	3 892	15,352	39,882	2,598	2,130
46	30	96 591	6 620,103	95 872,582	14,482	14,014	96	80	2 675	9,953	24,530	2,465	1,997
47	31	96 364	6 230,735	89 252,479	14,325	13,857	97	81	1 769	6,209	14,577	2,348	1,880
48	32	96 108	5 862,458	83 021,744	14,162	13,694	98	82	1 132	3,750	8,368	2,232	1,764
49	33	95 824	5 514,254	77 159,286	13,993	13,525	99	83	699	2,184	4,618	2,114	1,646
							100	84	409	1,206	2,434	2,018	1,551

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	5 186,849	71 759,428	13,835	13,367
1							51	34	95 202	4 875,821	66 572,579	13,654	13,186
2							52	35	94 825	4 581,624	61 696,758	13,466	12,998
3							53	36	94 402	4 303,005	57 115,134	13,273	12,805
4							54	37	93 931	4 039,187	52 812,129	13,075	12,607
5							55	38	93 414	3 789,555	48 772,942	12,870	12,402
6							56	39	92 831	3 552,752	44 983,387	12,662	12,194
7							57	40	92 183	3 328,257	41 430,635	12,448	11,980
8							58	41	91 473	3 115,694	38 102,378	12,229	11,761
9							59	42	90 700	2 914,493	34 986,684	12,004	11,536
10							60	43	89 840	2 723,430	32 072,192	11,776	11,308
11							61	44	88 902	2 542,447	29 348,762	11,544	11,076
12							62	45	87 877	2 370,883	26 806,315	11,306	10,839
13							63	46	86 750	2 208,016	24 435,432	11,067	10,599
14							64	47	85 525	2 053,614	22 227,417	10,824	10,356
15							65	48	84 207	1 907,508	20 173,803	10,576	10,108
16							66	49	82 788	1 769,222	18 266,294	10,324	9,857
17	0	99 475	36 941,381	623 620,929	16,881	16,413	67	50	81 260	1 638,274	16 497,073	10,070	9,602
18	1	99 161	34 740,311	586 679,548	16,888	16,420	68	51	79 644	1 514,799	14 858,799	9,809	9,341
19	2	99 100	32 753,941	551 939,236	16,851	16,383	69	52	77 918	1 398,082	13 344,000	9,545	9,077
20	3	99 047	30 883,417	519 185,295	16,811	16,343	70	53	76 107	1 288,292	11 945,918	9,273	8,805
21	4	98 997	29 120,373	488 301,879	16,768	16,300	71	54	74 209	1 185,066	10 657,625	8,993	8,525
22	5	98 947	27 458,411	459 181,506	16,723	16,255	72	55	72 160	1 087,105	9 472,559	8,714	8,246
23	6	98 899	25 891,542	431 723,095	16,674	16,206	73	56	70 044	995,507	8 385,454	8,423	7,955
24	7	98 850	24 413,937	405 831,553	16,623	16,155	74	57	67 795	908,997	7 389,948	8,130	7,662
25	8	98 800	23 020,369	381 417,616	16,569	16,101	75	58	65 434	827,682	6 480,951	7,830	7,362
26	9	98 750	21 706,173	358 397,247	16,511	16,043	76	59	62 930	750,950	5 653,268	7,528	7,060
27	10	98 701	20 467,410	336 691,074	16,450	15,982	77	60	60 293	678,754	4 902,318	7,223	6,755
28	11	98 651	19 299,120	316 223,664	16,385	15,917	78	61	57 568	611,402	4 223,564	6,908	6,440
29	12	98 598	18 196,897	296 924,544	16,317	15,849	79	62	54 687	547,922	3 612,162	6,592	6,125
30	13	98 543	17 157,330	278 727,647	16,245	15,777	80	63	51 663	488,327	3 064,240	6,275	5,807
31	14	98 483	16 176,334	261 570,317	16,170	15,702	81	64	48 451	432,045	2 575,913	5,962	5,494
32	15	98 418	15 250,531	245 393,983	16,091	15,623	82	65	45 101	379,406	2 143,868	5,651	5,183
33	16	98 346	14 376,840	230 143,452	16,008	15,540	83	66	41 634	330,420	1 764,462	5,340	4,872
34	17	98 265	13 551,815	215 766,612	15,922	15,454	84	67	38 010	284,577	1 434,042	5,039	4,571
35	18	98 183	12 774,090	202 214,797	15,830	15,362	85	68	34 281	242,133	1 149,464	4,747	4,279
36	19	98 093	12 039,975	189 440,707	15,734	15,266	86	69	30 473	203,055	907,332	4,468	4,000
37	20	97 990	11 346,571	177 400,732	15,635	15,167	87	70	26 667	167,636	704,277	4,201	3,733
38	21	97 876	10 691,884	166 054,160	15,531	15,063	88	71	22 935	136,012	536,641	3,946	3,478
39	22	97 760	10 074,723	155 362,277	15,421	14,953	89	72	19 299	107,973	400,629	3,710	3,242
40	23	97 631	9 491,889	145 287,553	15,306	14,839	90	73	15 870	83,764	292,655	3,494	3,026
41	24	97 494	8 942,068	135 795,664	15,186	14,718	91	74	12 743	63,451	208,891	3,292	2,824
42	25	97 337	8 422,291	126 853,596	15,062	14,594	92	75	10 000	46,976	145,440	3,096	2,628
43	26	97 180	7 932,775	118 431,306	14,929	14,461	93	76	7 605	33,701	98,463	2,922	2,454
44	27	97 008	7 470,484	110 498,531	14,791	14,323	94	77	5 615	23,474	64,762	2,759	2,291
45	28	96 819	7 033,931	103 028,047	14,647	14,179	95	78	4 001	15,781	41,288	2,616	2,148
46	29	96 614	6 621,737	95 994,116	14,497	14,029	96	79	2 760	10,270	25,507	2,484	2,016
47	30	96 391	6 232,498	89 372,379	14,340	13,872	97	80	1 834	6,436	15,238	2,368	1,900
48	31	96 139	5 864,347	83 139,881	14,177	13,709	98	81	1 180	3,907	8,801	2,252	1,785
49	32	95 856	5 516,107	77 275,534	14,009	13,541	99	82	734	2,292	4,894	2,135	1,667
							100	83	433	1,276	2,602	2,039	1,571

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	5 188,592	71 863,809	13,850	13,382
1							51	33	95 236	4 877,530	66 675,217	13,670	13,202
2							52	34	94 862	4 583,374	61 797,688	13,483	13,015
3							53	35	94 446	4 305,015	57 214,314	13,290	12,822
4							54	36	93 976	4 041,114	52 909,299	13,093	12,625
5							55	37	93 461	3 791,469	48 868,185	12,889	12,421
6							56	38	92 883	3 554,721	45 076,715	12,681	12,213
7							57	39	92 243	3 330,424	41 521,994	12,467	12,000
8							58	40	91 531	3 117,668	38 191,570	12,250	11,782
9							59	41	90 767	2 916,631	35 073,902	12,025	11,558
10							60	42	89 912	2 725,629	32 157,272	11,798	11,330
11							61	43	88 981	2 544,726	29 431,643	11,566	11,098
12							62	44	87 960	2 373,127	26 886,917	11,330	10,862
13							63	45	86 844	2 210,393	24 513,789	11,090	10,622
14							64	46	85 627	2 056,049	22 303,396	10,848	10,380
15							65	47	84 316	1 909,990	20 247,348	10,601	10,133
16							66	48	82 914	1 771,910	18 337,357	10,349	9,881
17							67	49	81 398	1 641,037	16 565,448	10,094	9,627
18	0	99 448	34 841,067	586 942,669	16,846	16,378	68	50	79 791	1 517,598	14 924,410	9,834	9,366
19	1	99 122	32 761,228	552 101,602	16,852	16,384	69	51	78 080	1 400,991	13 406,813	9,570	9,102
20	2	99 060	30 887,476	519 340,375	16,814	16,346	70	52	76 275	1 291,139	12 005,821	9,299	8,831
21	3	99 006	29 123,277	488 452,899	16,772	16,304	71	53	74 394	1 188,011	10 714,683	9,019	8,551
22	4	98 957	27 460,939	459 329,623	16,727	16,259	72	54	72 359	1 090,107	9 526,672	8,739	8,271
23	5	98 906	25 893,301	431 868,684	16,679	16,211	73	55	70 263	998,615	8 436,565	8,448	7,980
24	6	98 858	24 415,719	405 975,382	16,628	16,160	74	56	68 025	912,081	7 437,950	8,155	7,687
25	7	98 805	23 021,466	381 559,663	16,574	16,106	75	57	65 681	830,803	6 525,869	7,855	7,387
26	8	98 757	21 707,737	358 538,197	16,517	16,049	76	58	63 194	754,098	5 695,066	7,552	7,084
27	9	98 706	20 468,498	336 830,460	16,456	15,988	77	59	60 573	681,914	4 940,968	7,246	6,778
28	10	98 657	19 300,193	316 361,962	16,392	15,924	78	60	57 865	614,553	4 259,054	6,930	6,462
29	11	98 605	18 198,296	297 061,769	16,324	15,856	79	61	54 994	551,000	3 644,501	6,614	6,146
30	12	98 549	17 158,415	278 863,473	16,252	15,784	80	62	51 981	491,335	3 093,501	6,296	5,828
31	13	98 491	16 177,613	261 705,058	16,177	15,709	81	63	48 781	434,986	2 602,166	5,982	5,514
32	14	98 427	15 251,938	245 527,446	16,098	15,630	82	64	45 437	382,238	2 167,180	5,670	5,202
33	15	98 357	14 378,505	230 275,507	16,015	15,547	83	65	41 971	333,089	1 784,943	5,359	4,891
34	16	98 277	13 553,547	215 897,003	15,929	15,461	84	66	38 345	287,092	1 451,853	5,057	4,589
35	17	98 195	12 775,746	202 343,455	15,838	15,370	85	67	34 605	244,420	1 164,762	4,765	4,297
36	18	98 109	12 041,930	189 567,709	15,742	15,274	86	68	30 787	205,148	920,342	4,486	4,018
37	19	98 006	11 348,436	177 525,779	15,643	15,175	87	69	26 979	169,594	715,194	4,217	3,749
38	20	97 892	10 693,634	166 177,343	15,540	15,072	88	70	23 226	137,741	545,599	3,961	3,493
39	21	97 777	10 076,434	155 483,708	15,430	14,962	89	71	19 570	109,486	407,858	3,725	3,257
40	22	97 647	9 493,482	145 407,274	15,317	14,849	90	72	16 111	85,035	298,372	3,509	3,041
41	23	97 510	8 943,530	135 913,792	15,197	14,729	91	73	12 960	64,531	213,337	3,306	2,838
42	24	97 353	8 423,674	126 970,262	15,073	14,605	92	74	10 186	47,847	148,806	3,110	2,642
43	25	97 199	7 934,317	118 546,587	14,941	14,473	93	75	7 761	34,393	100,959	2,935	2,467
44	26	97 025	7 471,816	110 612,270	14,804	14,336	94	76	5 742	24,006	66,566	2,773	2,305
45	27	96 840	7 035,407	103 140,454	14,660	14,192	95	77	4 099	16,168	42,560	2,632	2,164
46	28	96 637	6 623,313	96 105,047	14,510	14,042	96	78	2 837	10,557	26,392	2,500	2,032
47	29	96 415	6 234,036	89 481,734	14,354	13,886	97	79	1 892	6,641	15,835	2,385	1,917
48	30	96 167	5 866,006	83 247,698	14,192	13,724	98	80	1 223	4,050	9,195	2,270	1,802
49	31	95 887	5 517,883	77 381,692	14,024	13,556	99	81	765	2,389	5,144	2,154	1,686
							100	82	454	1,339	2,756	2,058	1,590

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	5 190,263	71 959,106	13,864	13,396
1							51	32	95 268	4 879,169	66 768,843	13,684	13,217
2							52	33	94 895	4 584,979	61 889,674	13,498	13,030
3							53	34	94 482	4 306,659	57 304,695	13,306	12,838
4							54	35	94 020	4 043,002	52 998,036	13,109	12,641
5							55	36	93 506	3 793,278	48 955,034	12,906	12,438
6							56	37	92 929	3 556,517	45 161,756	12,698	12,230
7							57	38	92 294	3 332,270	41 605,238	12,486	12,018
8							58	39	91 591	3 119,697	38 272,968	12,268	11,800
9							59	40	90 824	2 918,478	35 153,270	12,045	11,577
10							60	41	89 978	2 727,628	32 234,792	11,818	11,350
11							61	42	89 053	2 546,781	29 507,164	11,586	11,118
12							62	43	88 039	2 375,255	26 960,383	11,351	10,883
13							63	44	86 926	2 212,486	24 585,128	11,112	10,644
14							64	45	85 719	2 058,263	22 372,642	10,870	10,402
15							65	46	84 416	1 912,255	20 314,379	10,623	10,155
16							66	47	83 022	1 774,215	18 402,125	10,372	9,904
17							67	48	81 521	1 643,531	16 627,910	10,117	9,649
18							68	49	79 926	1 520,158	14 984,379	9,857	9,389
19	0	99 410	32 856,244	552 344,895	16,811	16,343	69	50	78 224	1 403,579	13 464,221	9,593	9,125
20	1	99 082	30 894,347	519 488,651	16,815	16,347	70	51	76 434	1 293,825	12 060,642	9,322	8,854
21	2	99 019	29 127,104	488 594,305	16,775	16,307	71	52	74 558	1 190,636	10 766,817	9,043	8,575
22	3	98 966	27 463,677	459 467,201	16,730	16,262	72	53	72 539	1 092,816	9 576,181	8,763	8,295
23	4	98 915	25 895,685	432 003,524	16,682	16,214	73	54	70 457	1 001,373	8 483,366	8,472	8,004
24	5	98 864	24 417,378	406 107,839	16,632	16,164	74	55	68 237	914,929	7 481,993	8,178	7,710
25	6	98 812	23 023,147	381 690,460	16,579	16,111	75	56	65 904	833,622	6 567,064	7,878	7,410
26	7	98 762	21 708,771	358 667,314	16,522	16,054	76	57	63 432	756,941	5 733,442	7,574	7,107
27	8	98 713	20 469,973	336 958,542	16,461	15,993	77	58	60 827	684,772	4 976,501	7,267	6,799
28	9	98 662	19 301,219	316 488,569	16,397	15,929	78	59	58 135	617,414	4 291,729	6,951	6,483
29	10	98 611	18 199,308	297 187,350	16,330	15,862	79	60	55 277	553,840	3 674,315	6,634	6,166
30	11	98 557	17 159,734	278 988,042	16,258	15,790	80	61	52 273	494,095	3 120,475	6,316	5,848
31	12	98 497	16 178,635	261 828,308	16,184	15,716	81	62	49 081	437,665	2 626,380	6,001	5,533
32	13	98 434	15 253,144	245 649,673	16,105	15,637	82	63	45 747	384,839	2 188,715	5,687	5,219
33	14	98 367	14 379,831	230 396,529	16,022	15,554	83	64	42 284	335,575	1 803,876	5,375	4,908
34	15	98 288	13 555,117	216 016,698	15,936	15,468	84	65	38 655	289,411	1 468,300	5,073	4,605
35	16	98 208	12 777,380	202 461,581	15,845	15,377	85	66	34 910	246,579	1 178,889	4,781	4,313
36	17	98 121	12 043,491	189 684,201	15,750	15,282	86	67	31 078	207,086	932,310	4,502	4,034
37	18	98 022	11 350,279	177 640,710	15,651	15,183	87	68	27 257	171,343	725,224	4,233	3,765
38	19	97 908	10 695,392	166 290,431	15,548	15,080	88	69	23 498	139,350	553,881	3,975	3,507
39	20	97 793	10 078,084	155 595,039	15,439	14,971	89	70	19 818	110,878	414,531	3,739	3,271
40	21	97 664	9 495,094	145 516,955	15,325	14,858	90	71	16 337	86,227	303,653	3,522	3,054
41	22	97 526	8 945,031	136 021,861	15,206	14,738	91	72	13 157	65,510	217,427	3,319	2,851
42	23	97 369	8 425,052	127 076,829	15,083	14,615	92	73	10 359	48,661	151,916	3,122	2,654
43	24	97 215	7 935,621	118 651,777	14,952	14,484	93	74	7 905	35,030	103,255	2,948	2,480
44	25	97 044	7 473,269	110 716,156	14,815	14,347	94	75	5 860	24,499	68,225	2,785	2,317
45	26	96 857	7 036,661	103 242,888	14,672	14,204	95	76	4 192	16,534	43,726	2,645	2,177
46	27	96 658	6 624,703	96 206,226	14,522	14,054	96	77	2 907	10,816	27,192	2,514	2,046
47	28	96 438	6 235,520	89 581,524	14,366	13,898	97	78	1 945	6,826	16,376	2,399	1,931
48	29	96 190	5 867,453	83 346,004	14,205	13,737	98	79	1 262	4,179	9,550	2,285	1,817
49	30	95 914	5 519,444	77 478,550	14,037	13,569	99	80	793	2,476	5,371	2,169	1,701
							100	81	474	1,396	2,895	2,074	1,606

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	5 191,731	72 046,029	13,877	13,409
1							51	31	95 298	4 880,740	66 854,298	13,698	13,230
2							52	32	94 927	4 586,520	61 973,558	13,512	13,044
3							53	33	94 516	4 308,168	57 387,038	13,321	12,853
4							54	34	94 056	4 044,546	53 078,870	13,124	12,656
5							55	35	93 549	3 795,050	49 034,324	12,921	12,453
6							56	36	92 974	3 558,214	45 239,273	12,714	12,246
7							57	37	92 341	3 333,954	41 681,059	12,502	12,034
8							58	38	91 642	3 121,427	38 347,106	12,285	11,817
9							59	39	90 884	2 920,378	35 225,679	12,062	11,594
10							60	40	90 035	2 729,356	32 305,300	11,836	11,368
11							61	41	89 118	2 548,649	29 575,944	11,605	11,137
12							62	42	88 110	2 377,173	27 027,295	11,370	10,902
13							63	43	87 004	2 214,469	24 650,122	11,131	10,663
14							64	44	85 800	2 060,211	22 435,653	10,890	10,422
15							65	45	84 507	1 914,314	20 375,441	10,644	10,176
16							66	46	83 120	1 776,319	18 461,127	10,393	9,925
17							67	47	81 627	1 645,669	16 684,809	10,139	9,671
18							68	48	80 047	1 522,467	15 039,140	9,878	9,410
19							69	49	78 356	1 405,947	13 516,672	9,614	9,146
20	0	99 370	30 983,948	519 713,642	16,774	16,306	70	50	76 575	1 296,215	12 110,725	9,343	8,875
21	1	99 041	29 133,584	488 729,694	16,775	16,308	71	51	74 713	1 193,113	10 814,510	9,064	8,596
22	2	98 979	27 467,286	459 596,110	16,732	16,265	72	52	72 699	1 095,230	9 621,397	8,785	8,317
23	3	98 925	25 898,267	432 128,824	16,686	16,218	73	53	70 632	1 003,861	8 526,167	8,493	8,025
24	4	98 873	24 419,626	406 230,557	16,635	16,167	74	54	68 426	917,456	7 522,306	8,199	7,731
25	5	98 819	23 024,711	381 810,930	16,583	16,115	75	55	66 109	836,225	6 604,850	7,898	7,430
26	6	98 769	21 710,356	358 786,219	16,526	16,058	76	56	63 647	759,509	5 768,626	7,595	7,127
27	7	98 718	20 470,948	337 075,863	16,466	15,998	77	57	61 057	687,354	5 009,116	7,288	6,820
28	8	98 669	19 302,610	316 604,915	16,402	15,934	78	58	58 378	620,002	4 321,762	6,971	6,503
29	9	98 616	18 200,275	297 302,305	16,335	15,867	79	59	55 535	556,418	3 701,760	6,653	6,185
30	10	98 562	17 160,688	279 102,029	16,264	15,796	80	60	52 543	496,641	3 145,342	6,333	5,865
31	11	98 505	16 179,879	261 941,341	16,189	15,721	81	61	49 357	440,124	2 648,701	6,018	5,550
32	12	98 441	15 254,108	245 761,462	16,111	15,643	82	62	46 029	387,210	2 208,577	5,704	5,236
33	13	98 374	14 380,968	230 507,354	16,029	15,561	83	63	42 572	337,859	1 821,367	5,391	4,923
34	14	98 298	13 556,367	216 126,386	15,943	15,475	84	64	38 944	291,571	1 483,508	5,088	4,620
35	15	98 219	12 778,859	202 570,018	15,852	15,384	85	65	35 192	248,571	1 191,937	4,795	4,327
36	16	98 134	12 045,031	189 791,159	15,757	15,289	86	66	31 353	208,916	943,366	4,516	4,048
37	17	98 035	11 351,751	177 746,128	15,658	15,190	87	67	27 514	172,961	734,450	4,246	3,778
38	18	97 924	10 697,129	166 394,377	15,555	15,087	88	68	23 740	140,787	561,489	3,988	3,520
39	19	97 809	10 079,741	155 697,249	15,447	14,979	89	69	20 050	112,173	420,702	3,750	3,283
40	20	97 680	9 496,649	145 617,508	15,334	14,866	90	70	16 545	87,323	308,529	3,533	3,065
41	21	97 543	8 946,550	136 120,859	15,215	14,747	91	71	13 341	66,428	221,206	3,330	2,862
42	22	97 385	8 426,466	127 174,309	15,092	14,624	92	72	10 516	49,400	154,778	3,133	2,665
43	23	97 231	7 936,919	118 747,843	14,961	14,493	93	73	8 039	35,626	105,379	2,958	2,490
44	24	97 060	7 474,496	110 810,924	14,825	14,357	94	74	5 969	24,953	69,752	2,795	2,327
45	25	96 876	7 038,029	103 336,427	14,683	14,215	95	75	4 278	16,874	44,800	2,655	2,187
46	26	96 675	6 625,884	96 298,398	14,534	14,066	96	76	2 973	11,061	27,926	2,525	2,057
47	27	96 458	6 236,828	89 672,514	14,378	13,910	97	77	1 992	6,994	16,865	2,411	1,943
48	28	96 213	5 868,850	83 435,686	14,217	13,749	98	78	1 297	4,296	9,871	2,298	1,830
49	29	95 938	5 520,807	77 566,836	14,050	13,582	99	79	818	2,555	5,575	2,182	1,714
							100	80	491	1,447	3,021	2,088	1,620

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	5 193,012	72 125,234	13,889	13,421
1							51	30	95 325	4 882,121	66 932,222	13,710	13,242
2							52	31	94 957	4 587,997	62 050,101	13,524	13,056
3							53	32	94 547	4 309,616	57 462,104	13,333	12,865
4							54	33	94 089	4 045,963	53 152,488	13,137	12,669
5							55	34	93 585	3 796,500	49 106,525	12,935	12,467
6							56	35	93 017	3 559,876	45 310,025	12,728	12,260
7							57	36	92 385	3 335,544	41 750,149	12,517	12,049
8							58	37	91 688	3 123,004	38 414,604	12,301	11,833
9							59	38	90 934	2 921,998	35 291,600	12,078	11,610
10							60	39	90 094	2 731,133	32 369,603	11,852	11,384
11							61	40	89 175	2 550,264	29 638,469	11,622	11,154
12							62	41	88 174	2 378,916	27 088,206	11,387	10,919
13							63	42	87 074	2 216,258	24 709,289	11,149	10,681
14							64	43	85 877	2 062,058	22 493,032	10,908	10,440
15							65	44	84 587	1 916,126	20 430,973	10,663	10,195
16							66	45	83 210	1 778,231	18 514,847	10,412	9,944
17							67	46	81 724	1 647,620	16 736,616	10,158	9,690
18							68	47	80 151	1 524,448	15 088,996	9,898	9,430
19							69	48	78 475	1 408,083	13 564,548	9,633	9,165
20							70	49	76 704	1 298,402	12 156,464	9,363	8,895
21	0	99 329	29 218,079	488 937,790	16,734	16,266	71	50	74 851	1 195,317	10 858,062	9,084	8,616
22	1	99 001	27 473,397	459 719,712	16,733	16,265	72	51	72 850	1 097,509	9 662,745	8,804	8,336
23	2	98 938	25 901,671	432 246,315	16,688	16,220	73	52	70 788	1 006,079	8 565,236	8,513	8,046
24	3	98 883	24 422,061	406 344,645	16,638	16,170	74	53	68 596	919,735	7 559,158	8,219	7,751
25	4	98 828	23 026,831	381 922,583	16,586	16,118	75	54	66 292	838,534	6 639,422	7,918	7,450
26	5	98 775	21 711,832	358 895,753	16,530	16,062	76	55	63 846	761,880	5 800,888	7,614	7,146
27	6	98 725	20 472,443	337 183,921	16,470	16,002	77	56	61 264	689,686	5 039,007	7,306	6,838
28	7	98 674	19 303,530	316 711,478	16,407	15,939	78	57	58 598	622,340	4 349,321	6,989	6,521
29	8	98 623	18 201,587	297 407,949	16,340	15,872	79	58	55 767	558,750	3 726,981	6,670	6,202
30	9	98 568	17 161,600	279 206,362	16,269	15,801	80	59	52 787	498,953	3 168,231	6,350	5,882
31	10	98 510	16 180,779	262 044,761	16,195	15,727	81	60	49 612	442,392	2 669,278	6,034	5,566
32	11	98 448	15 255,281	245 863,982	16,117	15,649	82	61	46 287	389,385	2 226,886	5,719	5,251
33	12	98 381	14 381,877	230 608,701	16,035	15,567	83	62	42 834	339,941	1 837,501	5,405	4,937
34	13	98 305	13 557,439	216 226,824	15,949	15,481	84	63	39 209	293,556	1 497,560	5,101	4,633
35	14	98 228	12 780,038	202 669,385	15,858	15,390	85	64	35 455	250,427	1 204,005	4,808	4,340
36	15	98 145	12 046,426	189 889,347	15,763	15,295	86	65	31 606	210,603	953,578	4,528	4,060
37	16	98 047	11 353,202	177 842,921	15,665	15,197	87	66	27 757	174,489	742,975	4,258	3,790
38	17	97 937	10 698,516	166 489,719	15,562	15,094	88	67	23 964	142,117	568,485	4,000	3,532
39	18	97 825	10 081,377	155 791,204	15,453	14,985	89	68	20 256	113,329	426,369	3,762	3,294
40	19	97 696	9 498,210	145 709,826	15,341	14,873	90	69	16 738	88,343	313,039	3,543	3,076
41	20	97 559	8 948,015	136 211,617	15,223	14,755	91	70	13 510	67,272	224,697	3,340	2,872
42	21	97 401	8 427,897	127 263,602	15,100	14,632	92	71	10 664	50,092	157,424	3,143	2,675
43	22	97 247	7 938,251	118 835,705	14,970	14,502	93	72	8 161	36,167	107,333	2,968	2,500
44	23	97 076	7 475,719	110 897,454	14,834	14,366	94	73	6 070	25,377	71,166	2,804	2,336
45	24	96 892	7 039,186	103 421,734	14,692	14,224	95	74	4 358	17,187	45,788	2,664	2,196
46	25	96 694	6 627,172	96 382,549	14,544	14,076	96	75	3 034	11,288	28,602	2,534	2,066
47	26	96 475	6 237,940	89 755,376	14,389	13,921	97	76	2 038	7,152	17,314	2,421	1,953
48	27	96 233	5 870,081	83 517,436	14,228	13,760	98	77	1 329	4,401	10,162	2,309	1,841
49	28	95 961	5 522,121	77 647,355	14,061	13,593	99	78	841	2,626	5,760	2,194	1,726
							100	79	506	1,493	3,134	2,100	1,632

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	28	95 679	5 194,249	72 197,452	13,899	13,432
							51	29	95 349	4 883,326	67 003,203	13,721	13,253
							52	30	94 984	4 589,295	62 119,877	13,536	13,068
							53	31	94 578	4 311,004	57 530,582	13,345	12,877
							54	32	94 121	4 047,323	53 219,578	13,149	12,681
							55	33	93 618	3 797,830	49 172,256	12,947	12,479
							56	34	93 053	3 561,236	45 374,426	12,741	12,273
							57	35	92 428	3 337,103	41 813,190	12,530	12,062
							58	36	91 732	3 124,494	38 476,087	12,314	11,846
							59	37	90 980	2 923,474	35 351,593	12,092	11,624
							60	38	90 144	2 732,648	32 428,120	11,867	11,399
							61	39	89 233	2 551,924	29 695,472	11,637	11,169
							62	40	88 230	2 380,424	27 143,548	11,403	10,935
							63	41	87 138	2 217,883	24 763,124	11,165	10,697
							64	42	85 946	2 063,723	22 545,241	10,925	10,457
							65	43	84 663	1 917,844	20 481,518	10,679	10,211
							66	44	83 289	1 779,915	18 563,674	10,430	9,962
							67	45	81 812	1 649,394	16 783,759	10,176	9,708
							68	46	80 246	1 526,256	15 134,365	9,916	9,448
							69	47	78 577	1 409,915	13 608,109	9,652	9,184
							70	48	76 821	1 300,375	12 198,194	9,381	8,913
							71	49	74 978	1 197,334	10 897,819	9,102	8,634
22	0	99 289	27 553,077	459 912,216	16,692	16,224	72	50	72 985	1 099,536	9 700,486	8,822	8,354
23	1	98 960	25 907,433	432 359,140	16,689	16,221	73	51	70 935	1 008,172	8 600,949	8,531	8,063
24	2	98 896	24 425,271	406 451,707	16,641	16,173	74	52	68 747	921,767	7 592,777	8,237	7,769
25	3	98 838	23 029,127	382 026,436	16,589	16,121	75	53	66 457	840,618	6 671,010	7,936	7,468
26	4	98 785	21 713,830	358 997,309	16,533	16,065	76	54	64 022	763,985	5 830,392	7,632	7,164
27	5	98 732	20 473,834	337 283,479	16,474	16,006	77	55	61 455	691,840	5 066,407	7,323	6,855
28	6	98 681	19 304,939	316 809,645	16,411	15,943	78	56	58 797	624,451	4 374,567	7,005	6,537
29	7	98 628	18 202,454	297 504,706	16,344	15,876	79	57	55 978	560,857	3 750,116	6,686	6,218
30	8	98 575	17 162,837	279 302,252	16,274	15,806	80	58	53 008	501,044	3 189,259	6,365	5,897
31	9	98 515	16 181,639	262 139,415	16,200	15,732	81	59	49 843	444,452	2 688,215	6,048	5,580
32	10	98 454	15 256,129	245 957,776	16,122	15,654	82	60	46 526	391,391	2 243,763	5,733	5,265
33	11	98 388	14 382,983	230 701,646	16,040	15,572	83	61	43 075	341,850	1 852,372	5,419	4,951
34	12	98 312	13 558,296	216 318,664	15,955	15,487	84	62	39 450	295,364	1 510,521	5,114	4,646
35	13	98 236	12 781,048	202 760,368	15,864	15,396	85	63	35 696	252,131	1 215,158	4,820	4,352
36	14	98 154	12 047,537	189 979,319	15,769	15,301	86	64	31 842	212,175	963,026	4,539	4,071
37	15	98 059	11 354,516	177 931,782	15,671	15,203	87	65	27 982	175,899	750,851	4,269	3,801
38	16	97 949	10 699,884	166 577,266	15,568	15,100	88	66	24 176	143,372	574,952	4,010	3,542
39	17	97 837	10 082,684	155 877,382	15,460	14,992	89	67	20 448	114,400	431,580	3,773	3,305
40	18	97 712	9 499,752	145 794,698	15,347	14,879	90	68	16 910	89,253	317,180	3,554	3,086
41	19	97 575	8 949,486	136 294,946	15,229	14,761	91	69	13 668	68,058	227,926	3,349	2,881
42	20	97 417	8 429,277	127 345,460	15,108	14,640	92	70	10 799	50,728	159,868	3,151	2,683
43	21	97 264	7 939,599	118 916,183	14,978	14,510	93	71	8 276	36,674	109,140	2,976	2,508
44	22	97 092	7 476,974	110 976,584	14,842	14,374	94	72	6 162	25,762	72,466	2,813	2,345
45	23	96 908	7 040,337	103 499,610	14,701	14,233	95	73	4 432	17,479	46,704	2,672	2,204
46	24	96 710	6 628,261	96 459,273	14,553	14,085	96	74	3 090	11,497	29,225	2,542	2,074
47	25	96 494	6 239,153	89 831,012	14,398	13,930	97	75	2 079	7,299	17,728	2,429	1,961
48	26	96 251	5 871,128	83 591,859	14,238	13,770	98	76	1 359	4,501	10,429	2,317	1,849
49	27	95 981	5 523,279	77 720,731	14,071	13,604	99	77	861	2,690	5,928	2,203	1,735
							100	78	521	1,534	3,237	2,110	1,642

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	5 195,338	72 263,244	13,909	13,441
1							51	28	95 371	4 884,488	67 067,905	13,731	13,263
2							52	29	95 008	4 590,428	62 183,417	13,546	13,078
3							53	30	94 605	4 312,223	57 592,989	13,356	12,888
4							54	31	94 151	4 048,627	53 280,766	13,160	12,692
5							55	32	93 649	3 799,106	49 232,139	12,959	12,491
6							56	33	93 085	3 562,484	45 433,033	12,753	12,285
7							57	34	92 463	3 338,377	41 870,550	12,542	12,074
8							58	35	91 775	3 125,954	38 532,173	12,327	11,859
9							59	36	91 023	2 924,868	35 406,219	12,105	11,637
10							60	37	90 189	2 734,028	32 481,351	11,880	11,412
11							61	38	89 282	2 553,339	29 747,323	11,650	11,182
12							62	39	88 288	2 381,973	27 193,984	11,417	10,949
13							63	40	87 193	2 219,288	24 812,010	11,180	10,712
14							64	41	86 009	2 065,237	22 592,722	10,940	10,472
15							65	42	84 732	1 919,393	20 527,485	10,695	10,227
16							66	43	83 363	1 781,511	18 608,092	10,445	9,977
17							67	44	81 890	1 650,956	16 826,582	10,192	9,724
18							68	45	80 333	1 527,899	15 175,626	9,932	9,464
19							69	46	78 671	1 411,587	13 647,727	9,668	9,200
20							70	47	76 921	1 302,067	12 236,140	9,397	8,930
21							71	48	75 092	1 199,153	10 934,073	9,118	8,650
22							72	49	73 108	1 101,391	9 734,921	8,839	8,371
23	0	99 247	25 982,571	432 537,251	16,647	16,179	73	50	71 066	1 010,035	8 633,529	8,548	8,080
24	1	98 918	24 430,704	406 554,680	16,641	16,173	74	51	68 890	923,685	7 623,495	8,253	7,785
25	2	98 851	23 032,153	382 123,975	16,591	16,123	75	52	66 603	842,475	6 699,809	7,953	7,485
26	3	98 794	21 715,995	359 091,822	16,536	16,068	76	53	64 181	765,883	5 857,334	7,648	7,180
27	4	98 741	20 475,719	337 375,827	16,477	16,009	77	54	61 625	693,750	5 091,451	7,339	6,871
28	5	98 688	19 306,251	316 900,108	16,414	15,946	78	55	58 981	626,401	4 397,701	7,021	6,553
29	6	98 635	18 203,783	297 593,857	16,348	15,880	79	56	56 168	562,760	3 771,300	6,701	6,233
30	7	98 579	17 163,655	279 390,074	16,278	15,810	80	57	53 208	502,934	3 208,540	6,380	5,912
31	8	98 523	16 182,805	262 226,419	16,204	15,736	81	58	50 051	446,315	2 705,607	6,062	5,594
32	9	98 459	15 256,940	246 043,614	16,127	15,659	82	59	46 742	393,214	2 259,292	5,746	5,278
33	10	98 394	14 383,782	230 786,673	16,045	15,577	83	60	43 297	343,612	1 866,078	5,431	4,963
34	11	98 319	13 559,339	216 402,891	15,960	15,492	84	61	39 672	297,023	1 522,466	5,126	4,658
35	12	98 242	12 781,856	202 843,553	15,870	15,402	85	62	35 916	253,684	1 225,443	4,831	4,363
36	13	98 162	12 048,490	190 061,696	15,775	15,307	86	63	32 059	213,619	971,759	4,549	4,081
37	14	98 068	11 355,564	178 013,207	15,676	15,208	87	64	28 191	177,212	758,140	4,278	3,810
38	15	97 961	10 701,122	166 657,643	15,574	15,106	88	65	24 371	144,531	580,928	4,019	3,551
39	16	97 850	10 083,974	155 956,520	15,466	14,998	89	66	20 628	115,411	436,397	3,781	3,313
40	17	97 724	9 500,984	145 872,547	15,353	14,885	90	67	17 070	90,096	320,987	3,563	3,095
41	18	97 591	8 950,939	136 371,563	15,235	14,767	91	68	13 809	68,760	230,890	3,358	2,890
42	19	97 433	8 430,663	127 420,624	15,114	14,646	92	69	10 925	51,321	162,130	3,159	2,691
43	20	97 280	7 940,899	118 989,962	14,984	14,516	93	70	8 381	37,140	110,809	2,984	2,516
44	21	97 109	7 478,243	111 049,063	14,850	14,382	94	71	6 249	26,123	73,670	2,820	2,352
45	22	96 924	7 041,519	103 570,819	14,709	14,241	95	72	4 499	17,744	47,546	2,680	2,212
46	23	96 725	6 629,345	96 529,301	14,561	14,093	96	73	3 142	11,693	29,802	2,549	2,081
47	24	96 510	6 240,178	89 899,955	14,407	13,939	97	74	2 118	7,434	18,109	2,436	1,968
48	25	96 269	5 872,270	83 659,777	14,247	13,779	98	75	1 387	4,593	10,675	2,324	1,856
49	26	95 998	5 524,264	77 787,508	14,081	13,613	99	76	881	2,751	6,082	2,210	1,742
							100	77	533	1,572	3,330	2,119	1,651

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	26	95 716	5 196,264	72 323,098	13,918	13,450
							51	27	95 391	4 885,513	67 126,834	13,740	13,272
							52	28	95 030	4 591,521	62 241,321	13,556	13,088
							53	29	94 628	4 313,288	57 649,800	13,366	12,898
							54	30	94 178	4 049,772	53 336,513	13,170	12,702
							55	31	93 679	3 800,330	49 286,741	12,969	12,501
							56	32	93 117	3 563,681	45 486,411	12,764	12,296
							57	33	92 496	3 339,547	41 922,731	12,553	12,085
							58	34	91 810	3 127,147	38 583,184	12,338	11,870
							59	35	91 066	2 926,235	35 456,036	12,117	11,649
							60	36	90 232	2 735,332	32 529,802	11,892	11,424
							61	37	89 328	2 554,629	29 794,469	11,663	11,195
							62	38	88 337	2 383,294	27 239,840	11,429	10,962
							63	39	87 250	2 220,733	24 856,546	11,193	10,725
							64	40	86 064	2 066,545	22 635,813	10,953	10,485
							65	41	84 794	1 920,801	20 569,268	10,709	10,241
							66	42	83 431	1 782,949	18 648,467	10,459	9,991
							67	43	81 963	1 652,436	16 865,518	10,206	9,738
							68	44	80 409	1 529,346	15 213,082	9,947	9,479
							69	45	78 755	1 413,107	13 683,737	9,683	9,215
							70	46	77 012	1 303,610	12 270,630	9,413	8,945
							71	47	75 189	1 200,713	10 967,019	9,134	8,666
							72	48	73 219	1 103,065	9 766,306	8,854	8,386
							73	49	71 186	1 011,738	8 663,242	8,563	8,095
24	0	99 205	24 501,560	406 719,504	16,600	16,132	74	50	69 018	925,392	7 651,503	8,268	7,800
25	1	98 873	23 037,277	382 217,945	16,591	16,123	75	51	66 742	844,228	6 726,111	7,967	7,499
26	2	98 807	21 718,849	359 180,668	16,538	16,070	76	52	64 323	767,575	5 881,884	7,663	7,195
27	3	98 751	20 477,760	337 461,818	16,479	16,011	77	53	61 778	695,474	5 114,308	7,354	6,886
28	4	98 697	19 308,028	316 984,058	16,417	15,949	78	54	59 144	628,131	4 418,834	7,035	6,567
29	5	98 642	18 205,020	297 676,030	16,351	15,883	79	55	56 343	564,517	3 790,703	6,715	6,247
30	6	98 586	17 164,908	279 471,010	16,282	15,814	80	56	53 389	504,640	3 226,186	6,393	5,925
31	7	98 527	16 183,576	262 306,101	16,208	15,740	81	57	50 240	447,997	2 721,546	6,075	5,607
32	8	98 466	15 258,040	246 122,525	16,131	15,663	82	58	46 938	394,862	2 273,549	5,758	5,290
33	9	98 399	14 384,547	230 864,485	16,049	15,582	83	59	43 498	345,212	1 878,687	5,442	4,974
34	10	98 325	13 560,092	216 479,939	15,964	15,497	84	60	39 876	298,554	1 533,475	5,136	4,668
35	11	98 250	12 782,839	202 919,846	15,874	15,406	85	61	36 118	255,109	1 234,922	4,841	4,373
36	12	98 168	12 049,251	190 137,007	15,780	15,312	86	62	32 256	214,935	979,812	4,559	4,091
37	13	98 075	11 356,462	178 087,756	15,682	15,214	87	63	28 382	178,418	764,877	4,287	3,819
38	14	97 970	10 702,110	166 731,294	15,579	15,111	88	64	24 553	145,609	586,459	4,028	3,560
39	15	97 861	10 085,141	156 029,184	15,471	15,003	89	65	20 795	116,343	440,850	3,789	3,321
40	16	97 737	9 502,198	145 944,043	15,359	14,891	90	66	17 221	90,893	324,507	3,570	3,102
41	17	97 603	8 952,100	136 441,845	15,241	14,773	91	67	13 940	69,409	233,614	3,366	2,898
42	18	97 449	8 432,031	127 489,745	15,120	14,652	92	68	11 038	51,850	164,205	3,167	2,699
43	19	97 296	7 942,204	119 057,714	14,991	14,523	93	69	8 479	37,574	112,355	2,990	2,522
44	20	97 124	7 479,468	111 115,510	14,856	14,388	94	70	6 328	26,455	74,781	2,827	2,359
45	21	96 940	7 042,715	103 636,042	14,715	14,247	95	71	4 562	17,993	48,326	2,686	2,218
46	22	96 742	6 630,458	96 593,328	14,568	14,100	96	72	3 190	11,870	30,333	2,555	2,087
47	23	96 526	6 241,199	89 962,870	14,414	13,946	97	73	2 154	7,561	18,463	2,442	1,974
48	24	96 285	5 873,234	83 721,671	14,255	13,787	98	74	1 413	4,678	10,902	2,330	1,862
49	25	96 017	5 525,338	77 848,437	14,089	13,621	99	75	899	2,808	6,224	2,216	1,749
							100	76	545	1,607	3,416	2,125	1,657

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	5 197,275	72 377,703	13,926	13,458
1							51	26	95 408	4 886,384	67 180,428	13,748	13,281
2							52	27	95 050	4 592,484	62 294,044	13,564	13,096
3							53	28	94 650	4 314,314	57 701,560	13,374	12,906
4							54	29	94 201	4 050,771	53 387,246	13,180	12,712
5							55	30	93 706	3 801,405	49 336,474	12,978	12,511
6							56	31	93 147	3 564,829	45 535,069	12,773	12,305
7							57	32	92 527	3 340,669	41 970,241	12,563	12,095
8							58	33	91 842	3 128,243	38 629,572	12,349	11,881
9							59	34	91 101	2 927,352	35 501,329	12,127	11,659
10							60	35	90 274	2 736,610	32 573,976	11,903	11,435
11							61	36	89 370	2 555,848	29 837,366	11,674	11,206
12							62	37	88 381	2 384,498	27 281,519	11,441	10,973
13							63	38	87 298	2 221,964	24 897,021	11,205	10,737
14							64	39	86 120	2 067,891	22 675,056	10,965	10,497
15							65	40	84 847	1 922,017	20 607,165	10,722	10,254
16							66	41	83 492	1 784,257	18 685,148	10,472	10,004
17							67	42	82 029	1 653,770	16 900,891	10,220	9,752
18							68	43	80 481	1 530,717	15 247,121	9,961	9,493
19							69	44	78 830	1 414,445	13 716,404	9,697	9,229
20							70	45	77 095	1 305,014	12 301,959	9,427	8,959
21							71	46	75 278	1 202,137	10 996,945	9,148	8,680
22							72	47	73 314	1 104,500	9 794,809	8,868	8,400
23							73	48	71 294	1 013,276	8 690,309	8,576	8,108
24							74	49	69 134	926,953	7 677,033	8,282	7,814
25	0	99 160	23 104,091	382 370,503	16,550	16,082	75	50	66 865	845,787	6 750,080	7,981	7,513
26	1	98 829	21 723,681	359 266,412	16,538	16,070	76	51	64 457	769,172	5 904,293	7,676	7,208
27	2	98 764	20 480,452	337 542,731	16,481	16,013	77	52	61 914	697,011	5 135,121	7,367	6,899
28	3	98 706	19 309,953	317 062,279	16,420	15,952	78	53	59 291	629,692	4 438,110	7,048	6,580
29	4	98 651	18 206,696	297 752,326	16,354	15,886	79	54	56 499	566,076	3 808,418	6,728	6,260
30	5	98 593	17 166,074	279 545,630	16,285	15,817	80	55	53 556	506,216	3 242,342	6,405	5,937
31	6	98 534	16 184,758	262 379,555	16,212	15,744	81	56	50 411	449,517	2 736,127	6,087	5,619
32	7	98 471	15 258,767	246 194,797	16,135	15,667	82	57	47 115	396,351	2 286,609	5,769	5,301
33	8	98 406	14 385,584	230 936,031	16,053	15,585	83	58	43 681	346,659	1 890,259	5,453	4,985
34	9	98 330	13 560,813	216 550,447	15,969	15,501	84	59	40 062	299,944	1 543,600	5,146	4,678
35	10	98 255	12 783,550	202 989,634	15,879	15,411	85	60	36 304	256,424	1 243,656	4,850	4,382
36	11	98 176	12 050,178	190 206,084	15,785	15,317	86	61	32 437	216,143	987,232	4,568	4,100
37	12	98 082	11 357,179	178 155,906	15,687	15,219	87	62	28 557	179,517	771,090	4,295	3,827
38	13	97 978	10 702,956	166 798,727	15,584	15,116	88	63	24 720	146,600	591,573	4,035	3,567
39	14	97 870	10 086,072	156 095,771	15,476	15,008	89	64	20 950	117,211	444,972	3,796	3,328
40	15	97 748	9 503,299	146 009,700	15,364	14,896	90	65	17 360	91,627	327,761	3,577	3,109
41	16	97 616	8 953,244	136 506,401	15,247	14,779	91	66	14 063	70,023	236,134	3,372	2,904
42	17	97 462	8 433,125	127 553,157	15,125	14,657	92	67	11 142	52,340	166,112	3,174	2,706
43	18	97 311	7 943,494	119 120,032	14,996	14,528	93	68	8 566	37,961	113,772	2,997	2,529
44	19	97 140	7 480,697	111 176,538	14,862	14,394	94	69	6 402	26,764	75,811	2,833	2,365
45	20	96 956	7 043,867	103 695,841	14,721	14,253	95	70	4 620	18,222	49,046	2,692	2,224
46	21	96 758	6 631,584	96 651,974	14,574	14,107	96	71	3 235	12,036	30,825	2,561	2,093
47	22	96 542	6 242,246	90 020,390	14,421	13,953	97	72	2 187	7,676	18,788	2,448	1,980
48	23	96 301	5 874,195	83 778,144	14,262	13,794	98	73	1 437	4,758	11,113	2,336	1,868
49	24	96 032	5 526,246	77 903,949	14,097	13,629	99	74	915	2,860	6,355	2,222	1,754
							100	75	557	1,640	3,495	2,130	1,662

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 659 457,228	16,595	16,126	50	50	94 198	4 545,661	58 520,165	12,874	12,405
1	1	99 373	93 527,712	1 559 457,228	16,674	16,205	51	51	93 723	4 256,658	53 974,505	12,680	12,212
2	2	99 327	87 985,235	1 465 929,515	16,661	16,193	52	52	93 193	3 983,643	49 717,847	12,480	12,012
3	3	99 301	82 787,738	1 377 944,280	16,644	16,176	53	53	92 616	3 726,097	45 734,204	12,274	11,806
4	4	99 279	77 900,867	1 295 156,543	16,626	16,157	54	54	91 970	3 482,432	42 008,107	12,063	11,595
5	5	99 259	73 303,349	1 217 255,676	16,606	16,137	55	55	91 257	3 252,185	38 525,676	11,846	11,378
6	6	99 243	68 980,430	1 143 952,327	16,584	16,115	56	56	90 456	3 034,001	35 273,490	11,626	11,158
7	7	99 227	64 912,172	1 074 971,897	16,560	16,092	57	57	89 579	2 827,849	32 239,489	11,401	10,932
8	8	99 212	61 084,962	1 010 059,725	16,535	16,067	58	58	88 612	2 632,763	29 411,640	11,171	10,703
9	9	99 198	57 483,207	948 974,763	16,509	16,040	59	59	87 560	2 448,494	26 778,877	10,937	10,469
10	10	99 184	54 094,624	891 491,556	16,480	16,012	60	60	86 397	2 273,852	24 330,383	10,700	10,232
11	11	99 172	50 905,966	837 396,931	16,450	15,982	61	61	85 133	2 108,782	22 056,531	10,459	9,991
12	12	99 157	47 904,962	786 490,965	16,418	15,950	62	62	83 760	1 952,743	19 947,748	10,215	9,747
13	13	99 142	45 079,750	738 586,463	16,384	15,916	63	63	82 269	1 805,155	17 995,006	9,969	9,500
14	14	99 125	42 420,704	693 506,714	16,348	15,880	64	64	80 655	1 665,623	16 189,851	9,720	9,252
15	15	99 104	39 916,753	651 086,010	16,311	15,843	65	65	78 926	1 534,039	14 524,227	9,468	9,000
16	16	99 077	37 558,521	611 169,257	16,272	15,804	66	66	77 091	1 410,244	12 990,188	9,211	8,743
17	17	99 041	35 336,595	573 610,736	16,233	15,764	67	67	75 132	1 293,562	11 579,944	8,952	8,484
18	18	99 002	33 244,793	538 274,141	16,191	15,723	68	68	73 083	1 184,271	10 286,382	8,686	8,217
19	19	98 948	31 272,062	505 029,347	16,150	15,681	69	69	70 917	1 081,569	9 102,111	8,416	7,947
20	20	98 892	29 415,817	473 757,285	16,106	15,637	70	70	68 620	984,980	8 020,543	8,143	7,674
21	21	98 835	27 669,521	444 341,468	16,059	15,591	71	71	66 234	894,797	7 035,563	7,863	7,394
22	22	98 778	26 026,949	416 671,948	16,009	15,541	72	72	63 690	809,817	6 140,765	7,583	7,115
23	23	98 720	24 481,574	390 644,998	15,957	15,488	73	73	61 089	731,054	5 330,949	7,292	6,824
24	24	98 662	23 028,033	366 163,424	15,901	15,432	74	74	58 335	657,031	4 599,894	7,001	6,533
25	25	98 601	21 659,956	343 135,391	15,842	15,374	75	75	55 488	588,200	3 942,863	6,703	6,235
26	26	98 538	20 372,876	321 475,435	15,780	15,311	76	76	52 510	523,888	3 354,663	6,403	5,935
27	27	98 477	19 162,605	301 102,559	15,713	15,245	77	77	49 424	464,095	2 830,775	6,100	5,631
28	28	98 412	18 023,501	281 939,954	15,643	15,175	78	78	46 298	409,174	2 366,680	5,784	5,316
29	29	98 343	16 951,414	263 916,453	15,569	15,101	79	79	43 025	357,874	1 957,506	5,470	5,001
30	30	98 271	15 942,466	246 965,039	15,491	15,023	80	80	39 636	310,295	1 599,632	5,155	4,687
31	31	98 191	14 992,509	231 022,573	15,409	14,941	81	81	36 105	266,027	1 289,337	4,847	4,378
32	32	98 103	14 097,961	216 030,064	15,323	14,855	82	82	32 491	225,315	1 023,310	4,542	4,073
33	33	98 010	13 256,109	201 932,103	15,233	14,765	83	83	28 815	188,069	797,994	4,243	3,775
34	34	97 907	12 463,225	188 675,994	15,139	14,670	84	84	25 074	154,024	609,926	3,960	3,492
35	35	97 801	11 717,375	176 212,769	15,039	14,570	85	85	21 372	123,560	455,902	3,690	3,221
36	36	97 682	11 014,646	164 495,394	14,934	14,466	86	86	17 779	96,744	332,342	3,435	2,967
37	37	97 549	10 352,632	153 480,748	14,825	14,357	87	87	14 398	73,737	235,598	3,195	2,727
38	38	97 402	9 729,018	143 128,117	14,711	14,243	88	88	11 298	54,455	161,861	2,972	2,504
39	39	97 249	9 142,351	133 399,098	14,591	14,123	89	89	8 548	38,777	107,406	2,770	2,302
40	40	97 074	8 589,038	124 256,747	14,467	13,999	90	90	6 217	26,543	68,630	2,586	2,117
41	41	96 892	8 068,685	115 667,709	14,335	13,867	91	91	4 330	17,399	42,087	2,419	1,951
42	42	96 681	7 577,481	107 599,024	14,200	13,731	92	92	2 887	10,917	24,688	2,261	1,793
43	43	96 466	7 115,912	100 021,543	14,056	13,588	93	93	1 819	6,475	13,771	2,127	1,658
44	44	96 226	6 680,660	92 905,630	13,907	13,438	94	94	1 086	3,638	7,295	2,005	1,537
45	45	95 968	6 270,841	86 224,970	13,750	13,282	95	95	611	1,926	3,658	1,899	1,431
46	46	95 685	5 884,540	79 954,129	13,587	13,119	96	96	323	0,959	1,731	1,806	1,338
47	47	95 375	5 520,421	74 069,589	13,417	12,949	97	97	160	0,446	0,773	1,734	1,265
48	48	95 029	5 176,841	68 549,168	13,242	12,773	98	98	75	0,197	0,327	1,657	1,189
49	49	94 635	4 852,162	63 372,327	13,061	12,592	99	99	33	0,082	0,130	1,583	1,115
							100	100	13	0,031	0,048	1,523	1,054

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	1 658 460,387	16,633	16,164	50	51	94 025	4 537,279	58 082,667	12,801	12,333
1	2	99 351	93 506,911	1 558 749,575	16,670	16,202	51	52	93 528	4 247,819	53 545,389	12,605	12,137
2	3	99 314	87 973,674	1 465 242,664	16,655	16,187	52	53	92 988	3 974,861	49 297,570	12,402	11,934
3	4	99 291	82 779,484	1 377 268,990	16,638	16,169	53	54	92 387	3 716,861	45 322,708	12,194	11,725
4	5	99 270	77 893,696	1 294 489,507	16,619	16,150	54	55	91 717	3 472,840	41 605,847	11,980	11,512
5	6	99 252	73 298,368	1 216 595,811	16,598	16,130	55	56	90 973	3 242,063	38 133,007	11,762	11,294
6	7	99 236	68 975,393	1 143 297,443	16,575	16,107	56	57	90 150	3 023,742	34 890,944	11,539	11,071
7	8	99 222	64 909,080	1 074 322,049	16,551	16,083	57	58	89 242	2 817,227	31 867,202	11,312	10,843
8	9	99 205	61 080,560	1 009 412,969	16,526	16,058	58	59	88 242	2 621,775	29 049,975	11,080	10,612
9	10	99 192	57 480,152	948 332,409	16,498	16,030	59	60	87 154	2 437,146	26 428,200	10,844	10,376
10	11	99 179	54 091,617	890 852,257	16,469	16,001	60	61	85 954	2 262,195	23 991,054	10,605	10,137
11	12	99 164	50 902,051	836 760,640	16,439	15,970	61	62	84 657	2 097,002	21 728,859	10,362	9,894
12	13	99 151	47 901,475	785 858,589	16,406	15,937	62	63	83 248	1 940,788	19 631,857	10,115	9,647
13	14	99 134	45 076,186	737 957,114	16,371	15,903	63	64	81 713	1 792,952	17 691,069	9,867	9,399
14	15	99 116	42 416,790	692 880,928	16,335	15,867	64	65	80 057	1 653,283	15 898,117	9,616	9,148
15	16	99 092	39 912,132	650 464,137	16,297	15,829	65	66	78 293	1 521,746	14 244,834	9,361	8,892
16	17	99 064	37 553,720	610 552,005	16,258	15,790	66	67	76 416	1 397,893	12 723,088	9,102	8,633
17	18	99 029	35 332,014	572 998,286	16,218	15,749	67	68	74 429	1 281,457	11 325,195	8,838	8,369
18	19	98 986	33 239,397	537 666,272	16,176	15,707	68	69	72 338	1 172,187	10 043,738	8,568	8,100
19	20	98 932	31 266,922	504 426,875	16,133	15,665	69	70	70 098	1 069,081	8 871,551	8,298	7,830
20	21	98 875	29 411,002	473 159,953	16,088	15,620	70	71	67 759	972,617	7 802,471	8,022	7,554
21	22	98 818	27 664,823	443 748,951	16,040	15,572	71	72	65 319	882,436	6 829,854	7,740	7,271
22	23	98 761	26 022,582	416 084,129	15,989	15,521	72	73	62 738	797,712	5 947,418	7,456	6,987
23	24	98 704	24 477,570	390 061,546	15,935	15,467	73	74	60 066	718,819	5 149,706	7,164	6,696
24	25	98 646	23 024,250	365 583,976	15,878	15,410	74	75	57 274	645,078	4 430,887	6,869	6,400
25	26	98 582	21 655,745	342 559,726	15,818	15,350	75	76	54 371	576,365	3 785,808	6,568	6,100
26	27	98 521	20 369,244	320 903,981	15,754	15,286	76	77	51 346	512,285	3 209,443	6,265	5,797
27	28	98 457	19 158,586	300 534,736	15,687	15,218	77	78	48 241	452,985	2 697,158	5,954	5,486
28	29	98 389	18 019,212	281 376,150	15,615	15,147	78	79	45 039	398,041	2 244,173	5,638	5,170
29	30	98 319	16 947,231	263 356,939	15,540	15,071	79	80	41 699	346,848	1 846,131	5,323	4,854
30	31	98 243	15 937,958	246 409,708	15,461	14,992	80	81	38 238	299,354	1 499,283	5,008	4,540
31	32	98 159	14 987,681	230 471,750	15,377	14,909	81	82	34 646	255,276	1 199,929	4,701	4,232
32	33	98 070	14 093,226	215 484,069	15,290	14,822	82	83	30 964	214,725	944,654	4,399	3,931
33	34	97 976	13 251,467	201 390,843	15,198	14,729	83	84	27 224	177,688	729,929	4,108	3,640
34	35	97 870	12 458,466	188 139,377	15,101	14,633	84	85	23 474	144,199	552,241	3,830	3,361
35	36	97 755	11 711,904	175 680,910	15,000	14,532	85	86	19 797	114,454	408,041	3,565	3,097
36	37	97 635	11 009,394	163 969,007	14,894	14,425	86	87	16 263	88,493	293,587	3,318	2,849
37	38	97 499	10 347,404	152 959,613	14,782	14,314	87	88	12 971	66,430	205,094	3,087	2,619
38	39	97 348	9 723,628	142 612,209	14,667	14,198	88	89	10 018	48,285	138,664	2,872	2,403
39	40	97 186	9 136,402	132 888,582	14,545	14,077	89	90	7 447	33,782	90,379	2,675	2,207
40	41	97 012	8 583,600	123 752,179	14,417	13,949	90	91	5 302	22,638	56,597	2,500	2,032
41	42	96 821	8 062,771	115 168,579	14,284	13,816	91	92	3 611	14,512	33,959	2,340	1,872
42	43	96 603	7 571,367	107 105,808	14,146	13,678	92	93	2 344	8,865	19,447	2,194	1,725
43	44	96 380	7 109,539	99 534,440	14,000	13,532	93	94	1 438	5,119	10,582	2,067	1,599
44	45	96 135	6 674,341	92 424,902	13,848	13,379	94	95	837	2,803	5,463	1,949	1,480
45	46	95 865	6 264,096	85 750,560	13,689	13,221	95	96	456	1,436	2,660	1,851	1,383
46	47	95 572	5 877,571	79 486,464	13,524	13,055	96	97	233	0,691	1,223	1,770	1,302
47	48	95 251	5 513,248	73 608,893	13,351	12,883	97	98	113	0,314	0,532	1,693	1,225
48	49	94 884	5 168,987	68 095,645	13,174	12,706	98	99	51	0,134	0,218	1,621	1,153
49	50	94 476	4 843,990	62 926,658	12,991	12,522	99	100	22	0,054	0,084	1,552	1,083

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	1 657 690,118	16,629	16,160	50	52	93 830	4 527,857	57 608,647	12,723	12,255
1	3	99 338	93 494,623	1 558 001,482	16,664	16,196	51	53	93 322	4 238,455	53 080,790	12,524	12,055
2	4	99 304	87 964,903	1 464 506,858	16,649	16,180	52	54	92 757	3 965,009	48 842,335	12,318	11,850
3	5	99 282	82 771,864	1 376 541,956	16,631	16,162	53	55	92 132	3 706,624	44 877,326	12,107	11,639
4	6	99 263	77 888,403	1 293 770,092	16,611	16,142	54	56	91 431	3 462,031	41 170,702	11,892	11,424
5	7	99 245	73 293,016	1 215 881,689	16,589	16,121	55	57	90 665	3 231,100	37 708,671	11,671	11,202
6	8	99 231	68 972,108	1 142 588,672	16,566	16,098	56	58	89 811	3 012,384	34 477,571	11,445	10,977
7	9	99 215	64 904,402	1 073 616,564	16,542	16,073	57	59	88 870	2 805,469	31 465,187	11,216	10,747
8	10	99 200	61 077,313	1 008 712,162	16,515	16,047	58	60	87 833	2 609,624	28 659,218	10,982	10,514
9	11	99 187	57 476,957	947 634,849	16,487	16,019	59	61	86 708	2 424,651	26 050,094	10,744	10,275
10	12	99 171	54 087,457	890 157,892	16,458	15,989	60	62	85 474	2 249,558	23 625,442	10,502	10,034
11	13	99 158	50 898,834	836 070,435	16,426	15,958	61	63	84 139	2 084,165	21 375,885	10,256	9,788
12	14	99 143	47 897,688	785 171,600	16,393	15,924	62	64	82 685	1 927,668	19 291,720	10,008	9,539
13	15	99 125	45 072,028	737 273,912	16,358	15,889	63	65	81 108	1 779,668	17 364,052	9,757	9,289
14	16	99 104	42 411,880	692 201,884	16,321	15,853	64	66	79 415	1 640,034	15 584,384	9,502	9,034
15	17	99 079	39 907,030	649 790,004	16,283	15,814	65	67	77 607	1 508,419	13 944,349	9,244	8,776
16	18	99 051	37 548,851	609 882,974	16,242	15,774	66	68	75 701	1 384,812	12 435,931	8,980	8,512
17	19	99 012	35 326,278	572 334,124	16,201	15,733	67	69	73 670	1 268,381	11 051,119	8,713	8,244
18	20	98 970	33 233,933	537 007,845	16,158	15,690	68	70	71 502	1 158,652	9 782,738	8,443	7,975
19	21	98 915	31 261,804	503 773,912	16,115	15,646	69	71	69 218	1 055,662	8 624,086	8,169	7,701
20	22	98 859	29 406,008	472 512,107	16,069	15,600	70	72	66 823	959,181	7 568,424	7,891	7,422
21	23	98 801	27 660,181	443 106,099	16,020	15,551	71	73	64 342	869,246	6 609,243	7,603	7,135
22	24	98 745	26 018,326	415 445,918	15,967	15,499	72	74	61 688	784,361	5 739,998	7,318	6,850
23	25	98 688	24 473,549	389 427,592	15,912	15,444	73	75	58 974	705,742	4 955,636	7,022	6,554
24	26	98 627	23 019,774	364 954,043	15,854	15,386	74	76	56 121	632,099	4 249,894	6,723	6,255
25	27	98 564	21 651,885	341 934,269	15,792	15,324	75	77	53 167	563,600	3 617,795	6,419	5,951
26	28	98 500	20 364,972	320 282,384	15,727	15,259	76	78	50 117	500,022	3 054,195	6,108	5,640
27	29	98 433	19 154,027	299 917,412	15,658	15,190	77	79	46 928	440,661	2 554,174	5,796	5,328
28	30	98 365	18 014,765	280 763,385	15,585	15,117	78	80	43 651	385,778	2 113,513	5,479	5,010
29	31	98 291	16 942,438	262 748,620	15,508	15,040	79	81	40 229	334,618	1 727,734	5,163	4,695
30	32	98 211	15 932,826	245 806,182	15,428	14,959	80	82	36 693	287,255	1 393,117	4,850	4,381
31	33	98 126	14 982,647	229 873,356	15,343	14,874	81	83	33 018	243,277	1 105,861	4,546	4,077
32	34	98 036	14 088,290	214 890,709	15,253	14,785	82	84	29 255	202,873	862,584	4,252	3,783
33	35	97 938	13 246,407	200 802,420	15,159	14,691	83	85	25 488	166,354	659,711	3,966	3,497
34	36	97 824	12 452,649	187 556,012	15,062	14,593	84	86	21 744	133,573	493,358	3,694	3,225
35	37	97 709	11 706,319	175 103,363	14,958	14,490	85	87	18 108	104,694	359,785	3,437	2,968
36	38	97 586	11 003,835	163 397,045	14,849	14,381	86	88	14 651	79,724	255,091	3,200	2,731
37	39	97 445	10 341,671	152 393,210	14,736	14,267	87	89	11 502	58,903	175,367	2,977	2,509
38	40	97 285	9 717,301	142 051,540	14,618	14,150	88	90	8 727	42,066	116,464	2,769	2,300
39	41	97 124	9 130,618	132 334,239	14,493	14,025	89	91	6 351	28,812	74,398	2,582	2,114
40	42	96 941	8 577,309	123 203,621	14,364	13,896	90	92	4 422	18,882	45,586	2,414	1,946
41	43	96 743	8 056,266	114 626,311	14,228	13,760	91	93	2 933	11,784	26,704	2,266	1,798
42	44	96 516	7 564,586	106 570,046	14,088	13,620	92	94	1 853	7,008	14,920	2,129	1,660
43	45	96 289	7 102,814	99 005,460	13,939	13,471	93	95	1 108	3,944	7,911	2,006	1,537
44	46	96 032	6 667,162	91 902,646	13,784	13,316	94	96	624	2,090	3,967	1,898	1,429
45	47	95 752	6 256,678	85 235,484	13,623	13,155	95	97	328	1,035	1,877	1,813	1,344
46	48	95 447	5 869,934	78 978,806	13,455	12,986	96	98	164	0,487	0,841	1,727	1,259
47	49	95 106	5 504,884	73 108,872	13,281	12,812	97	99	77	0,214	0,354	1,655	1,186
48	50	94 725	5 160,282	67 603,988	13,101	12,632	98	100	34	0,088	0,140	1,587	1,119
49	51	94 302	4 835,058	62 443,706	12,915	12,446							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	1 656 876,102	16,623	16,154	50	53	93 623	4 517,876	57 096,139	12,638	12,169
1	4	99 328	93 485,302	1 557 200,566	16,657	16,189	51	54	93 091	4 227,950	52 578,263	12,436	11,968
2	5	99 295	87 956,805	1 463 715,264	16,641	16,173	52	55	92 502	3 954,088	48 350,314	12,228	11,760
3	6	99 275	82 766,240	1 375 758,459	16,622	16,154	53	56	91 846	3 695,088	44 396,225	12,015	11,547
4	7	99 256	77 882,716	1 292 992,219	16,602	16,133	54	57	91 122	3 450,324	40 701,138	11,796	11,328
5	8	99 240	73 289,526	1 215 109,503	16,580	16,111	55	58	90 325	3 218,963	37 250,813	11,572	11,104
6	9	99 224	68 967,137	1 141 819,977	16,556	16,088	56	59	89 436	2 999,811	34 031,850	11,345	10,876
7	10	99 210	64 900,953	1 072 852,839	16,531	16,062	57	60	88 458	2 792,467	31 032,039	11,113	10,644
8	11	99 194	61 073,918	1 007 951,887	16,504	16,035	58	61	87 382	2 596,245	28 239,572	10,877	10,409
9	12	99 179	57 472,537	946 877,969	16,475	16,007	59	62	86 223	2 411,107	25 643,327	10,636	10,167
10	13	99 165	54 084,039	889 405,433	16,445	15,977	60	63	84 951	2 235,786	23 232,220	10,391	9,923
11	14	99 150	50 894,811	835 321,394	16,413	15,944	61	64	83 570	2 070,075	20 996,434	10,143	9,674
12	15	99 134	47 893,270	784 426,582	16,379	15,910	62	65	82 072	1 913,386	18 926,358	9,892	9,423
13	16	99 114	45 066,810	736 533,312	16,343	15,875	63	66	80 458	1 765,407	17 012,972	9,637	9,169
14	17	99 092	42 406,458	691 466,502	16,306	15,837	64	67	78 720	1 625,671	15 247,566	9,379	8,911
15	18	99 067	39 901,856	649 060,044	16,266	15,798	65	68	76 881	1 494,303	13 621,894	9,116	8,648
16	19	99 035	37 542,756	609 158,189	16,226	15,757	66	69	74 928	1 370,681	12 127,591	8,848	8,380
17	20	98 996	35 320,472	571 615,433	16,184	15,715	67	70	72 819	1 253,736	10 756,910	8,580	8,112
18	21	98 954	33 228,494	536 294,961	16,140	15,671	68	71	70 605	1 144,109	9 503,174	8,306	7,838
19	22	98 899	31 256,496	503 066,468	16,095	15,626	69	72	68 262	1 041,078	8 359,065	8,029	7,561
20	23	98 842	29 401,074	471 809,971	16,047	15,579	70	73	65 824	944,843	7 317,987	7,745	7,277
21	24	98 785	27 655,657	442 408,897	15,997	15,529	71	74	63 266	854,698	6 373,144	7,457	6,988
22	25	98 729	26 014,052	414 753,240	15,943	15,475	72	75	60 566	770,092	5 518,446	7,166	6,698
23	26	98 668	24 468,791	388 739,188	15,887	15,419	73	76	57 787	691,543	4 748,354	6,866	6,398
24	27	98 609	23 015,671	364 270,397	15,827	15,359	74	77	54 878	618,099	4 056,811	6,563	6,095
25	28	98 544	21 647,344	341 254,726	15,764	15,296	75	78	51 894	550,108	3 438,712	6,251	5,783
26	29	98 477	20 360,125	319 607,382	15,698	15,229	76	79	48 754	486,417	2 888,604	5,939	5,470
27	30	98 409	19 149,300	299 247,257	15,627	15,159	77	80	45 482	427,085	2 402,187	5,625	5,156
28	31	98 337	18 009,671	280 097,957	15,553	15,084	78	81	42 112	372,175	1 975,102	5,307	4,839
29	32	98 260	16 936,983	262 088,286	15,474	15,006	79	82	38 603	321,094	1 602,927	4,992	4,524
30	33	98 178	15 927,474	245 151,303	15,392	14,923	80	83	34 968	273,754	1 281,833	4,682	4,214
31	34	98 092	14 977,400	229 223,829	15,305	14,836	81	84	31 195	229,849	1 008,079	4,386	3,917
32	35	97 998	14 082,911	214 246,430	15,213	14,745	82	85	27 389	189,932	778,230	4,097	3,629
33	36	97 893	13 240,222	200 163,519	15,118	14,649	83	86	23 610	154,094	588,298	3,818	3,349
34	37	97 777	12 446,711	186 923,297	15,018	14,550	84	87	19 890	122,182	434,203	3,554	3,085
35	38	97 659	11 700,408	174 476,586	14,912	14,444	85	88	16 314	94,319	312,021	3,308	2,840
36	39	97 532	10 997,737	162 776,178	14,801	14,333	86	89	12 991	70,691	217,703	3,080	2,611
37	40	97 382	10 334,942	151 778,441	14,686	14,218	87	90	10 020	51,316	147,011	2,865	2,396
38	41	97 223	9 711,149	141 443,499	14,565	14,097	88	91	7 443	35,877	95,695	2,667	2,199
39	42	97 053	9 123,926	131 732,351	14,438	13,970	89	92	5 297	24,031	59,818	2,489	2,021
40	43	96 863	8 570,389	122 608,425	14,306	13,838	90	93	3 591	15,333	35,787	2,334	1,866
41	44	96 657	8 049,050	114 038,036	14,168	13,700	91	94	2 318	9,316	20,454	2,196	1,727
42	45	96 425	7 557,431	105 988,987	14,024	13,556	92	95	1 428	5,400	11,138	2,062	1,594
43	46	96 185	7 095,174	98 431,556	13,873	13,405	93	96	826	2,942	5,737	1,950	1,482
44	47	95 918	6 659,267	91 336,382	13,716	13,247	94	97	450	1,507	2,796	1,856	1,388
45	48	95 627	6 248,548	84 677,115	13,551	13,083	95	98	232	0,730	1,289	1,766	1,298
46	49	95 303	5 861,029	78 428,567	13,381	12,913	96	99	112	0,332	0,559	1,686	1,217
47	50	94 946	5 495,613	72 567,538	13,205	12,736	97	100	50	0,141	0,227	1,618	1,150
48	51	94 550	5 150,767	67 071,925	13,022	12,553							
49	52	94 106	4 825,018	61 921,157	12,833	12,365							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	1 656 005,234	16,616	16,147	50	54	93 391	4 506,678	56 542,616	12,546	12,078
1	5	99 319	93 476,696	1 556 339,635	16,649	16,181	51	55	92 834	4 216,305	52 035,938	12,342	11,873
2	6	99 288	87 950,829	1 462 862,939	16,633	16,164	52	56	92 214	3 941,782	47 819,633	12,131	11,663
3	7	99 268	82 760,197	1 374 912,110	16,613	16,145	53	57	91 535	3 682,592	43 877,851	11,915	11,447
4	8	99 251	77 879,007	1 292 151,913	16,592	16,123	54	58	90 780	3 437,364	40 195,259	11,694	11,225
5	9	99 233	73 284,244	1 214 272,906	16,569	16,101	55	59	89 948	3 205,528	36 757,895	11,467	10,999
6	10	99 219	68 963,472	1 140 988,662	16,545	16,076	56	60	89 022	2 985,909	33 552,367	11,237	10,769
7	11	99 204	64 897,345	1 072 025,190	16,519	16,050	57	61	88 005	2 778,151	30 566,458	11,002	10,534
8	12	99 187	61 069,221	1 007 127,846	16,492	16,023	58	62	86 894	2 581,742	27 788,307	10,763	10,295
9	13	99 173	57 468,904	946 058,625	16,462	15,994	59	63	85 695	2 396,346	25 206,565	10,519	10,050
10	14	99 157	54 079,764	888 589,721	16,431	15,963	60	64	84 376	2 220,672	22 810,219	10,272	9,803
11	15	99 141	50 890,116	834 509,956	16,398	15,930	61	65	82 951	2 054,739	20 589,547	10,021	9,552
12	16	99 122	47 887,221	783 619,840	16,364	15,895	62	66	81 415	1 898,053	18 534,808	9,765	9,297
13	17	99 101	45 061,049	735 732,115	16,327	15,859	63	67	79 753	1 749,946	16 636,755	9,507	9,039
14	18	99 079	42 400,960	690 671,066	16,289	15,821	64	68	77 983	1 610,458	14 886,810	9,244	8,775
15	19	99 050	39 895,379	648 270,106	16,249	15,781	65	69	76 097	1 479,055	13 276,352	8,976	8,508
16	20	99 019	37 536,585	608 374,728	16,208	15,739	66	70	74 063	1 354,855	11 797,296	8,707	8,239
17	21	98 980	35 314,691	570 838,143	16,164	15,696	67	71	71 905	1 237,999	10 442,441	8,435	7,967
18	22	98 937	33 222,852	535 523,452	16,119	15,651	68	72	69 630	1 128,304	9 204,442	8,158	7,689
19	23	98 882	31 251,252	502 300,601	16,073	15,605	69	73	67 242	1 025,516	8 076,138	7,875	7,407
20	24	98 826	29 396,266	471 049,349	16,024	15,556	70	74	64 723	929,030	7 050,622	7,589	7,121
21	25	98 769	27 651,114	441 653,083	15,972	15,504	71	75	62 115	839,149	6 121,592	7,295	6,827
22	26	98 710	26 008,995	414 001,969	15,918	15,449	72	76	59 347	754,598	5 282,443	7,000	6,532
23	27	98 651	24 464,430	387 992,974	15,859	15,391	73	77	56 507	676,226	4 527,845	6,696	6,227
24	28	98 589	23 010,843	363 528,544	15,798	15,330	74	78	53 564	603,303	3 851,619	6,384	5,916
25	29	98 520	21 642,192	340 517,701	15,734	15,266	75	79	50 482	535,141	3 248,316	6,070	5,602
26	30	98 452	20 355,101	318 875,509	15,666	15,197	76	80	47 252	471,431	2 713,175	5,755	5,287
27	31	98 381	19 143,885	298 520,408	15,594	15,125	77	81	43 879	412,025	2 241,744	5,441	4,972
28	32	98 305	18 003,871	279 376,523	15,518	15,049	78	82	40 410	357,134	1 829,719	5,123	4,655
29	33	98 227	16 931,294	261 372,652	15,437	14,969	79	83	36 788	306,002	1 472,585	4,812	4,344
30	34	98 144	15 921,895	244 441,358	15,353	14,884	80	84	33 038	258,643	1 166,583	4,510	4,042
31	35	98 055	14 971,681	228 519,463	15,263	14,795	81	85	29 205	215,188	907,940	4,219	3,751
32	36	97 953	14 076,335	213 547,781	15,171	14,702	82	86	25 370	175,935	692,752	3,938	3,469
33	37	97 846	13 233,908	199 471,446	15,073	14,604	83	87	21 596	140,953	516,817	3,667	3,198
34	38	97 728	12 440,426	186 237,538	14,970	14,502	84	88	17 919	110,074	375,863	3,415	2,946
35	39	97 605	11 693,925	173 797,112	14,862	14,394	85	89	14 466	83,632	265,789	3,178	2,710
36	40	97 468	10 990,582	162 103,187	14,749	14,281	86	90	11 318	61,586	182,157	2,958	2,489
37	41	97 320	10 328,398	151 112,606	14,631	14,162	87	91	8 546	43,767	120,571	2,755	2,286
38	42	97 152	9 704,031	140 784,207	14,508	14,039	88	92	6 208	29,924	76,804	2,567	2,098
39	43	96 975	9 116,564	131 080,176	14,378	13,910	89	93	4 302	19,515	46,880	2,402	1,934
40	44	96 776	8 562,712	121 963,612	14,244	13,775	90	94	2 839	12,121	27,365	2,258	1,789
41	45	96 565	8 041,436	113 400,900	14,102	13,634	91	95	1 786	7,178	15,244	2,124	1,655
42	46	96 321	7 549,302	105 359,464	13,956	13,488	92	96	1 065	4,027	8,066	2,003	1,534
43	47	96 071	7 086,772	97 810,162	13,802	13,333	93	97	596	2,120	4,038	1,905	1,437
44	48	95 793	6 650,614	90 723,390	13,641	13,173	94	98	317	1,062	1,919	1,806	1,337
45	49	95 482	6 239,069	84 072,777	13,475	13,007	95	99	158	0,497	0,856	1,722	1,253
46	50	95 142	5 851,159	77 833,708	13,302	12,834	96	100	73	0,218	0,359	1,647	1,178
47	51	94 771	5 485,480	71 982,549	13,122	12,654							
48	52	94 354	5 140,072	66 497,069	12,937	12,469							
49	53	93 898	4 814,382	61 356,998	12,745	12,276							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	1 655 069,942	16,608	16,139	50	55	93 133	4 494,265	55 946,172	12,448	11,980
1	6	99 312	93 470,345	1 555 413,518	16,641	16,172	51	56	92 545	4 203,182	51 451,906	12,241	11,773
2	7	99 281	87 944,407	1 461 943,172	16,623	16,155	52	57	91 902	3 928,452	47 248,724	12,027	11,559
3	8	99 263	82 756,255	1 373 998,765	16,603	16,135	53	58	91 191	3 668,760	43 320,272	11,808	11,340
4	9	99 244	77 873,394	1 291 242,510	16,581	16,113	54	59	90 401	3 423,018	39 651,512	11,584	11,115
5	10	99 228	73 280,349	1 213 369,116	16,558	16,090	55	60	89 531	3 190,673	36 228,495	11,355	10,886
6	11	99 213	68 959,638	1 140 088,767	16,533	16,064	56	61	88 566	2 970,600	33 037,822	11,122	10,653
7	12	99 196	64 892,354	1 071 129,129	16,506	16,038	57	62	87 513	2 762,632	30 067,222	10,884	10,415
8	13	99 181	61 065,362	1 006 236,775	16,478	16,010	58	63	86 362	2 565,937	27 304,590	10,641	10,173
9	14	99 165	57 464,362	945 171,414	16,448	15,980	59	64	85 116	2 380,146	24 738,653	10,394	9,925
10	15	99 148	54 074,775	887 707,052	16,416	15,948	60	65	83 751	2 204,219	22 358,507	10,144	9,675
11	16	99 129	50 884,225	833 632,276	16,383	15,915	61	66	82 286	2 038,272	20 154,287	9,888	9,420
12	17	99 110	47 881,603	782 748,052	16,348	15,879	62	67	80 702	1 881,430	18 116,015	9,629	9,160
13	18	99 088	45 055,207	734 866,449	16,310	15,842	63	68	79 007	1 733,570	16 234,585	9,365	8,896
14	19	99 063	42 394,077	689 811,242	16,271	15,803	64	69	77 188	1 594,025	14 501,015	9,097	8,629
15	20	99 034	39 888,821	647 417,165	16,231	15,762	65	70	75 218	1 461,978	12 906,990	8,828	8,360
16	21	99 003	37 530,441	607 528,344	16,188	15,719	66	71	73 134	1 337,849	11 445,012	8,555	8,086
17	22	98 963	35 308,694	569 997,903	16,143	15,675	67	72	70 912	1 220,897	10 107,163	8,278	7,810
18	23	98 920	33 217,277	534 689,209	16,097	15,628	68	73	68 589	1 111,438	8 886,266	7,995	7,527
19	24	98 866	31 246,141	501 471,931	16,049	15,581	69	74	66 116	1 008,353	7 774,428	7,710	7,242
20	25	98 810	29 391,437	470 225,790	15,999	15,530	70	75	63 545	912,129	6 766,475	7,418	6,950
21	26	98 750	27 645,738	440 834,354	15,946	15,477	71	76	60 865	822,266	5 854,346	7,120	6,651
22	27	98 692	26 004,359	413 188,616	15,889	15,421	72	77	58 033	737,884	5 032,080	6,820	6,351
23	28	98 630	24 459,299	387 184,257	15,830	15,361	73	78	55 155	660,038	4 294,196	6,506	6,038
24	29	98 565	23 005,367	362 724,958	15,767	15,299	74	79	52 107	586,888	3 634,158	6,192	5,724
25	30	98 496	21 636,851	339 719,591	15,701	15,233	75	80	48 927	518,654	3 047,269	5,875	5,407
26	31	98 424	20 349,345	318 082,740	15,631	15,163	76	81	45 586	454,808	2 528,615	5,560	5,091
27	32	98 349	19 137,721	297 733,395	15,557	15,089	77	82	42 105	395,373	2 073,807	5,245	4,777
28	33	98 272	17 997,824	278 595,674	15,479	15,011	78	83	38 511	340,348	1 678,434	4,932	4,463
29	34	98 192	16 925,364	260 597,850	15,397	14,929	79	84	34 758	289,112	1 338,087	4,628	4,160
30	35	98 106	15 915,817	243 672,487	15,310	14,842	80	85	30 931	242,145	1 048,975	4,332	3,864
31	36	98 009	14 964,690	227 756,670	15,220	14,751	81	86	27 053	199,330	806,830	4,048	3,579
32	37	97 906	14 069,623	212 791,980	15,124	14,656	82	87	23 207	160,932	607,500	3,775	3,307
33	38	97 797	13 227,226	198 722,357	15,024	14,555	83	88	19 456	126,986	446,568	3,517	3,048
34	39	97 674	12 433,533	185 495,131	14,919	14,451	84	89	15 889	97,602	319,582	3,274	2,806
35	40	97 542	11 686,316	173 061,598	14,809	14,341	85	90	12 602	72,860	221,980	3,047	2,578
36	41	97 406	10 983,623	161 375,282	14,692	14,224	86	91	9 653	52,525	149,120	2,839	2,371
37	42	97 249	10 320,828	150 391,659	14,572	14,103	87	92	7 128	36,505	96,595	2,646	2,178
38	43	97 074	9 696,201	140 070,831	14,446	13,978	88	93	5 041	24,300	60,090	2,473	2,004
39	44	96 888	9 108,398	130 374,629	14,314	13,845	89	94	3 401	15,427	35,790	2,320	1,852
40	45	96 685	8 554,613	121 266,231	14,176	13,707	90	95	2 188	9,340	20,363	2,180	1,712
41	46	96 461	8 032,787	112 711,618	14,031	13,563	91	96	1 332	5,353	11,023	2,059	1,591
42	47	96 207	7 540,362	104 678,831	13,882	13,414	92	97	767	2,902	5,670	1,953	1,485
43	48	95 946	7 077,564	97 138,470	13,725	13,256	93	98	420	1,495	2,767	1,851	1,383
44	49	95 648	6 640,524	90 060,906	13,562	13,094	94	99	216	0,724	1,272	1,758	1,290
45	50	95 321	6 228,562	83 420,382	13,393	12,925	95	100	104	0,327	0,549	1,680	1,212
46	51	94 967	5 840,370	77 191,820	13,217	12,749							
47	52	94 574	5 474,089	71 351,451	13,034	12,566							
48	53	94 146	5 128,741	65 877,361	12,845	12,376							
49	54	93 666	4 802,449	60 748,621	12,650	12,181							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	1 654 064,820	16,599	16,130	50	56	92 844	4 480,278	55 304,867	12,344	11,876
1	7	99 305	93 463,521	1 554 415,166	16,631	16,163	51	57	92 232	4 188,968	50 824,590	12,133	11,665
2	8	99 276	87 940,219	1 460 951,646	16,613	16,145	52	58	91 557	3 913,696	46 635,621	11,916	11,448
3	9	99 256	82 750,291	1 373 011,427	16,592	16,124	53	59	90 811	3 653,448	42 721,925	11,694	11,225
4	10	99 239	77 869,255	1 290 261,136	16,570	16,101	54	60	89 982	3 407,154	39 068,478	11,467	10,998
5	11	99 222	73 276,275	1 212 391,881	16,545	16,077	55	61	89 072	3 174,315	35 661,324	11,234	10,766
6	12	99 205	68 954,335	1 139 115,606	16,520	16,052	56	62	88 071	2 954,006	32 487,009	10,998	10,529
7	13	99 190	64 888,253	1 070 161,272	16,492	16,024	57	63	86 977	2 745,719	29 533,003	10,756	10,288
8	14	99 173	61 060,535	1 005 273,019	16,464	15,995	58	64	85 779	2 548,591	26 787,284	10,511	10,042
9	15	99 156	57 459,061	944 212,484	16,433	15,964	59	65	84 485	2 362,512	24 238,693	10,260	9,791
10	16	99 137	54 068,515	886 753,423	16,401	15,932	60	66	83 080	2 186,555	21 876,181	10,005	9,537
11	17	99 117	50 877,720	832 684,908	16,366	15,898	61	67	81 566	2 020,422	19 689,625	9,745	9,277
12	18	99 097	47 875,395	781 807,188	16,330	15,862	62	68	79 946	1 863,824	17 669,204	9,480	9,012
13	19	99 072	45 047,893	733 931,793	16,292	15,824	63	69	78 201	1 715,880	15 805,380	9,211	8,743
14	20	99 046	42 387,109	688 883,900	16,252	15,784	64	70	76 296	1 575,620	14 089,499	8,942	8,474
15	21	99 018	39 882,292	646 496,791	16,210	15,742	65	71	74 274	1 443,627	12 513,879	8,668	8,200
16	22	98 986	37 524,068	606 614,499	16,166	15,698	66	72	72 123	1 319,368	11 070,252	8,391	7,922
17	23	98 947	35 302,770	569 090,431	16,120	15,652	67	73	69 852	1 202,647	9 750,884	8,108	7,639
18	24	98 904	33 211,844	533 787,660	16,072	15,604	68	74	67 441	1 092,837	8 548,237	7,822	7,354
19	25	98 850	31 241,008	500 575,816	16,023	15,555	69	75	64 914	990,009	7 455,400	7,531	7,062
20	26	98 790	29 385,722	469 334,808	15,972	15,503	70	76	62 267	893,777	6 465,391	7,234	6,765
21	27	98 732	27 640,811	439 949,086	15,917	15,448	71	77	59 517	804,053	5 571,614	6,929	6,461
22	28	98 671	25 998,904	412 308,275	15,859	15,390	72	78	56 643	720,220	4 767,561	6,620	6,151
23	29	98 607	24 453,478	386 309,370	15,798	15,329	73	79	53 654	642,080	4 047,341	6,303	5,835
24	30	98 541	22 999,690	361 855,893	15,733	15,265	74	80	50 502	568,807	3 405,260	5,987	5,518
25	31	98 468	21 630,733	338 856,203	15,665	15,197	75	81	47 202	500,365	2 836,453	5,669	5,200
26	32	98 393	20 342,792	317 225,470	15,594	15,126	76	82	43 743	436,427	2 336,088	5,353	4,884
27	33	98 316	19 131,292	296 882,678	15,518	15,050	77	83	40 126	376,790	1 899,661	5,042	4,573
28	34	98 238	17 991,521	277 751,386	15,438	14,970	78	84	36 385	321,562	1 522,871	4,736	4,268
29	35	98 155	16 918,902	259 759,865	15,353	14,885	79	85	32 541	270,670	1 201,309	4,438	3,970
30	36	98 061	15 908,385	242 840,963	15,265	14,797	80	86	28 651	224,301	930,639	4,149	3,681
31	37	97 962	14 957,554	226 932,578	15,172	14,703	81	87	24 746	182,331	706,339	3,874	3,406
32	38	97 856	14 062,519	211 975,024	15,074	14,605	82	88	20 907	144,984	524,007	3,614	3,146
33	39	97 742	13 219,897	197 912,505	14,971	14,502	83	89	17 252	112,598	379,023	3,366	2,898
34	40	97 610	12 425,443	184 692,608	14,864	14,396	84	90	13 842	85,031	266,425	3,133	2,665
35	41	97 480	11 678,917	172 267,166	14,750	14,282	85	91	10 748	62,141	181,395	2,919	2,451
36	42	97 335	10 975,573	160 588,249	14,631	14,163	86	92	8 051	43,810	119,254	2,722	2,254
37	43	97 171	10 312,501	149 612,676	14,508	14,040	87	93	5 788	29,644	75,444	2,545	2,077
38	44	96 987	9 687,516	139 300,175	14,379	13,911	88	94	3 985	19,210	45,800	2,384	1,916
39	45	96 797	9 099,783	129 612,659	14,243	13,775	89	95	2 620	11,887	26,590	2,237	1,768
40	46	96 581	8 545,411	120 512,875	14,103	13,634	90	96	1 631	6,965	14,703	2,111	1,643
41	47	96 347	8 023,274	111 967,464	13,955	13,487	91	97	960	3,858	7,738	2,006	1,537
42	48	96 082	7 530,564	103 944,190	13,803	13,335	92	98	541	2,047	3,879	1,895	1,427
43	49	95 801	7 066,826	96 413,626	13,643	13,175	93	99	286	1,018	1,833	1,800	1,332
44	50	95 487	6 629,341	89 346,800	13,477	13,009	94	100	142	0,475	0,814	1,714	1,246
45	51	95 146	6 217,077	82 717,459	13,305	12,837							
46	52	94 770	5 828,242	76 500,382	13,126	12,657							
47	53	94 366	5 462,022	70 672,140	12,939	12,470							
48	54	93 912	5 116,029	65 210,118	12,746	12,278							
49	55	93 408	4 789,222	60 094,089	12,548	12,079							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	1 652 982,456	16,589	16,121	50	57	92 530	4 465,127	54 617,114	12,232	11,764
1	8	99 300	93 459,069	1 553 340,078	16,621	16,152	51	58	91 886	4 173,234	50 151,987	12,018	11,549
2	9	99 269	87 933,881	1 459 881,009	16,602	16,134	52	59	91 175	3 897,362	45 978,753	11,797	11,329
3	10	99 251	82 745,892	1 371 947,128	16,580	16,112	53	60	90 390	3 636,516	42 081,391	11,572	11,104
4	11	99 233	77 864,926	1 289 201,236	16,557	16,089	54	61	89 520	3 389,686	38 444,876	11,342	10,873
5	12	99 214	73 270,640	1 211 336,309	16,532	16,064	55	62	88 575	3 156,582	35 055,190	11,105	10,637
6	13	99 199	68 949,977	1 138 065,670	16,506	16,037	56	63	87 532	2 935,922	31 898,607	10,865	10,397
7	14	99 182	64 883,124	1 069 115,693	16,478	16,009	57	64	86 389	2 727,157	28 962,685	10,620	10,152
8	15	99 164	61 054,902	1 004 232,569	16,448	15,980	58	65	85 143	2 529,709	26 235,528	10,371	9,903
9	16	99 145	57 452,409	943 177,667	16,417	15,948	59	66	83 808	2 343,580	23 705,819	10,115	9,647
10	17	99 124	54 061,603	885 725,258	16,384	15,915	60	67	82 352	2 167,406	21 362,239	9,856	9,388
11	18	99 104	50 871,123	831 663,655	16,348	15,880	61	68	80 802	2 001,515	19 194,833	9,590	9,122
12	19	99 081	47 867,624	780 792,532	16,311	15,843	62	69	79 131	1 844,806	17 193,318	9,320	8,851
13	20	99 056	45 040,489	732 924,908	16,273	15,804	63	70	77 298	1 696,068	15 348,513	9,049	8,581
14	21	99 030	42 380,171	687 884,419	16,231	15,763	64	71	75 339	1 555,843	13 652,444	8,775	8,307
15	22	99 001	39 875,520	645 504,248	16,188	15,720	65	72	73 248	1 423,684	12 096,601	8,497	8,028
16	23	98 969	37 517,773	605 628,728	16,142	15,674	66	73	71 045	1 299,646	10 672,917	8,212	7,744
17	24	98 930	35 296,996	568 110,956	16,095	15,627	67	74	68 683	1 182,519	9 373,271	7,927	7,458
18	25	98 888	33 206,389	532 813,959	16,046	15,577	68	75	66 214	1 072,956	8 190,752	7,634	7,165
19	26	98 830	31 234,934	499 607,571	15,995	15,527	69	76	63 608	970,090	7 117,796	7,337	6,869
20	27	98 773	29 380,485	468 372,636	15,942	15,473	70	77	60 887	873,981	6 147,705	7,034	6,566
21	28	98 711	27 635,013	438 992,152	15,885	15,417	71	78	58 092	784,806	5 273,725	6,720	6,251
22	29	98 648	25 992,717	411 357,138	15,826	15,358	72	79	55 102	700,625	4 488,919	6,407	5,939
23	30	98 582	24 447,443	385 364,422	15,763	15,295	73	80	52 001	622,299	3 788,294	6,088	5,619
24	31	98 513	22 993,186	360 916,978	15,697	15,228	74	81	48 721	548,750	3 165,995	5,769	5,301
25	32	98 436	21 623,768	337 923,792	15,627	15,159	75	82	45 294	480,143	2 617,245	5,451	4,983
26	33	98 360	20 335,959	316 300,024	15,554	15,085	76	83	41 687	415,914	2 137,102	5,138	4,670
27	34	98 282	19 124,592	295 964,065	15,476	15,007	77	84	37 911	355,992	1 721,188	4,835	4,367
28	35	98 200	17 984,651	276 839,474	15,393	14,925	78	85	34 064	301,050	1 365,196	4,535	4,066
29	36	98 109	16 911,002	258 854,822	15,307	14,839	79	86	30 143	250,723	1 064,146	4,244	3,776
30	37	98 014	15 900,799	241 943,820	15,216	14,747	80	87	26 208	205,173	813,422	3,965	3,496
31	38	97 913	14 950,002	226 043,022	15,120	14,652	81	88	22 294	164,263	608,250	3,703	3,235
32	39	97 802	14 054,726	211 093,020	15,019	14,551	82	89	18 538	128,557	443,987	3,454	2,985
33	40	97 679	13 211,295	197 038,293	14,914	14,446	83	90	15 030	98,094	315,430	3,216	2,747
34	41	97 549	12 417,576	183 826,998	14,804	14,335	84	91	11 806	72,521	217,335	2,997	2,528
35	42	97 409	11 670,357	171 409,422	14,688	14,219	85	92	8 965	51,830	144,814	2,794	2,326
36	43	97 256	10 966,717	159 739,065	14,566	14,097	86	93	6 538	35,576	92,984	2,614	2,145
37	44	97 084	10 303,264	148 772,348	14,439	13,971	87	94	4 576	23,435	57,408	2,450	1,981
38	45	96 895	9 678,353	138 469,084	14,307	13,839	88	95	3 071	14,802	33,973	2,295	1,827
39	46	96 692	9 089,995	128 790,730	14,168	13,700	89	96	1 954	8,865	19,171	2,163	1,694
40	47	96 466	8 535,292	119 700,735	14,024	13,556	90	97	1 176	5,020	10,306	2,053	1,585
41	48	96 222	8 012,849	111 165,444	13,873	13,405	91	98	677	2,721	5,287	1,943	1,475
42	49	95 936	7 519,139	103 152,595	13,719	13,250	92	99	369	1,394	2,566	1,841	1,372
43	50	95 639	7 054,925	95 633,455	13,556	13,087	93	100	188	0,669	1,172	1,752	1,284
44	51	95 311	6 617,117	88 578,530	13,386	12,918							
45	52	94 948	6 204,167	81 961,413	13,211	12,742							
46	53	94 561	5 815,394	75 757,246	13,027	12,559							
47	54	94 132	5 448,484	69 941,852	12,837	12,369							
48	55	93 654	5 101,938	64 493,368	12,641	12,173							
49	56	93 117	4 774,316	59 391,430	12,440	11,971							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	1 651 818,158	16,578	16,110	50	58	92 182	4 448,355	53 880,871	12,113	11,644
1	9	99 293	93 452,334	1 552 180,526	16,609	16,141	51	59	91 502	4 155,816	49 432,516	11,895	11,426
2	10	99 264	87 929,207	1 458 728,192	16,590	16,121	52	60	90 752	3 879,300	45 276,700	11,671	11,203
3	11	99 245	82 741,292	1 370 798,985	16,567	16,099	53	61	89 926	3 617,872	41 397,400	11,442	10,974
4	12	99 226	77 858,938	1 288 057,693	16,543	16,075	54	62	89 020	3 370,751	37 779,528	11,208	10,740
5	13	99 208	73 266,009	1 210 198,755	16,518	16,050	55	63	88 032	3 137,258	34 408,778	10,968	10,499
6	14	99 191	68 944,527	1 136 932,746	16,491	16,022	56	64	86 940	2 916,075	31 271,520	10,724	10,255
7	15	99 173	64 877,138	1 067 988,219	16,462	15,993	57	65	85 749	2 706,953	28 355,445	10,475	10,007
8	16	99 152	61 047,834	1 003 111,080	16,432	15,963	58	66	84 461	2 509,436	25 648,493	10,221	9,752
9	17	99 132	57 445,064	942 063,246	16,399	15,931	59	67	83 074	2 323,055	23 139,056	9,961	9,492
10	18	99 111	54 054,594	884 618,182	16,365	15,897	60	68	81 582	2 147,124	20 816,001	9,695	9,226
11	19	99 088	50 862,866	830 563,589	16,329	15,861	61	69	79 978	1 981,091	18 668,877	9,424	8,955
12	20	99 064	47 859,736	779 700,723	16,291	15,823	62	70	78 217	1 823,505	16 687,786	9,151	8,683
13	21	99 039	45 033,116	731 840,967	16,251	15,783	63	71	76 327	1 674,780	14 864,281	8,875	8,407
14	22	99 013	42 372,975	686 807,850	16,209	15,740	64	72	74 298	1 534,350	13 189,501	8,596	8,128
15	23	98 985	39 868,830	644 434,875	16,164	15,696	65	73	72 153	1 402,403	11 655,151	8,311	7,842
16	24	98 953	37 511,636	604 566,045	16,117	15,648	66	74	69 856	1 277,895	10 252,748	8,023	7,555
17	25	98 914	35 291,198	567 054,409	16,068	15,600	67	75	67 433	1 161,007	8 974,853	7,730	7,262
18	26	98 869	33 199,933	531 763,211	16,017	15,549	68	76	64 882	1 051,368	7 813,846	7,432	6,964
19	27	98 813	31 229,367	498 563,278	15,965	15,496	69	77	62 199	948,604	6 762,478	7,129	6,661
20	28	98 752	29 374,322	467 333,911	15,910	15,441	70	78	59 430	853,059	5 813,874	6,815	6,347
21	29	98 688	27 628,436	437 959,589	15,852	15,383	71	79	56 512	763,453	4 960,815	6,498	6,030
22	30	98 624	25 986,303	410 331,153	15,790	15,322	72	80	53 405	679,040	4 197,362	6,181	5,713
23	31	98 554	24 440,530	384 344,850	15,726	15,257	73	81	50 167	600,356	3 518,322	5,860	5,392
24	32	98 481	22 985,782	359 904,320	15,658	15,189	74	82	46 752	526,572	2 917,967	5,541	5,073
25	33	98 403	21 616,504	336 918,538	15,586	15,118	75	83	43 165	457,575	2 391,394	5,226	4,758
26	34	98 325	20 328,837	315 302,034	15,510	15,042	76	84	39 386	392,957	1 933,819	4,921	4,453
27	35	98 244	19 117,290	294 973,197	15,430	14,961	77	85	35 493	333,284	1 540,862	4,623	4,155
28	36	98 154	17 976,254	275 855,907	15,346	14,877	78	86	31 554	278,865	1 207,577	4,330	3,862
29	37	98 062	16 902,938	257 879,653	15,256	14,788	79	87	27 572	229,342	928,713	4,049	3,581
30	38	97 964	15 892,770	240 976,715	15,163	14,694	80	88	23 611	184,841	699,371	3,784	3,315
31	39	97 858	14 941,718	225 083,945	15,064	14,596	81	89	19 768	145,651	514,530	3,533	3,064
32	40	97 739	14 045,582	210 142,227	14,961	14,493	82	90	16 150	111,998	368,878	3,294	2,825
33	41	97 617	13 202,931	196 096,646	14,853	14,384	83	91	12 818	83,663	256,880	3,070	2,602
34	42	97 477	12 408,475	182 893,715	14,739	14,271	84	92	9 847	60,488	173,217	2,864	2,395
35	43	97 330	11 660,941	170 485,240	14,620	14,152	85	93	7 280	42,089	112,729	2,678	2,210
36	44	97 169	10 956,894	158 824,299	14,495	14,027	86	94	5 169	28,124	70,641	2,512	2,043
37	45	96 992	10 293,519	147 867,405	14,365	13,897	87	95	3 526	18,057	42,516	2,355	1,886
38	46	96 791	9 667,943	137 573,886	14,230	13,762	88	96	2 290	11,039	24,459	2,216	1,747
39	47	96 578	9 079,231	127 905,943	14,088	13,619	89	97	1 408	6,389	13,420	2,101	1,632
40	48	96 341	8 524,201	118 826,713	13,940	13,472	90	98	829	3,540	7,031	1,986	1,518
41	49	96 076	8 000,693	110 302,511	13,787	13,318	91	99	461	1,853	3,491	1,884	1,416
42	50	95 775	7 506,477	102 301,819	13,628	13,160	92	100	242	0,915	1,638	1,790	1,321
43	51	95 463	7 041,917	94 795,342	13,462	12,993							
44	52	95 113	6 603,377	87 753,426	13,289	12,821							
45	53	94 739	6 190,490	81 150,049	13,109	12,640							
46	54	94 326	5 800,980	74 959,559	12,922	12,454							
47	55	93 872	5 433,478	69 158,578	12,728	12,260							
48	56	93 362	5 086,059	63 725,101	12,529	12,061							
49	57	92 802	4 758,171	58 639,042	12,324	11,856							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	1 650 563,780	16,567	16,099	50	59	91 797	4 429,789	53 094,543	11,986	11,517
1	10	99 288	93 447,367	1 550 933,329	16,597	16,129	51	60	91 078	4 136,556	48 664,754	11,765	11,296
2	11	99 258	87 924,319	1 457 485,962	16,577	16,108	52	61	90 287	3 859,411	44 528,197	11,538	11,069
3	12	99 237	82 734,929	1 369 561,643	16,554	16,085	53	62	89 424	3 597,662	40 668,786	11,304	10,836
4	13	99 219	77 854,018	1 286 826,714	16,529	16,060	54	63	88 475	3 350,115	37 071,124	11,066	10,597
5	14	99 200	73 260,218	1 208 972,697	16,502	16,034	55	64	87 437	3 116,049	33 721,009	10,822	10,353
6	15	99 182	68 938,167	1 135 712,478	16,474	16,006	56	65	86 296	2 894,470	30 604,960	10,574	10,105
7	16	99 162	64 869,627	1 066 774,311	16,445	15,977	57	66	85 062	2 685,260	27 710,490	10,319	9,851
8	17	99 139	61 040,029	1 001 904,684	16,414	15,946	58	67	83 721	2 487,459	25 025,230	10,061	9,592
9	18	99 119	57 437,616	940 864,655	16,381	15,912	59	68	82 297	2 301,316	22 537,770	9,793	9,325
10	19	99 095	54 045,819	883 427,038	16,346	15,878	60	69	80 749	2 125,214	20 236,454	9,522	9,054
11	20	99 071	50 854,506	829 381,219	16,309	15,841	61	70	79 054	1 958,217	18 111,240	9,249	8,780
12	21	99 048	47 851,922	778 526,713	16,269	15,801	62	71	77 235	1 800,617	16 153,022	8,971	8,502
13	22	99 023	45 025,470	730 674,791	16,228	15,760	63	72	75 273	1 651,643	14 352,406	8,690	8,221
14	23	98 997	42 365,866	685 649,321	16,184	15,716	64	73	73 187	1 511,415	12 700,762	8,403	7,935
15	24	98 968	39 862,309	643 283,455	16,138	15,669	65	74	70 945	1 378,933	11 189,347	8,114	7,646
16	25	98 937	37 505,474	603 421,146	16,089	15,621	66	75	68 585	1 254,647	9 810,415	7,819	7,351
17	26	98 895	35 284,337	565 915,672	16,039	15,570	67	76	66 076	1 137,647	8 555,768	7,521	7,052
18	27	98 851	33 194,015	530 631,335	15,986	15,517	68	77	63 445	1 028,081	7 418,120	7,215	6,747
19	28	98 792	31 222,817	497 437,320	15,932	15,463	69	78	60 710	925,896	6 390,039	6,901	6,433
20	29	98 729	29 367,332	466 214,503	15,875	15,407	70	79	57 813	829,850	5 464,143	6,584	6,116
21	30	98 664	27 621,618	436 847,171	15,815	15,347	71	80	54 770	739,932	4 634,293	6,263	5,795
22	31	98 596	25 978,954	409 225,553	15,752	15,284	72	81	51 522	655,096	3 894,361	5,945	5,476
23	32	98 523	24 432,660	383 246,599	15,686	15,217	73	82	48 140	576,092	3 239,265	5,623	5,154
24	33	98 448	22 978,061	358 813,939	15,616	15,147	74	83	44 554	501,822	2 663,173	5,307	4,839
25	34	98 369	21 608,933	335 835,878	15,542	15,073	75	84	40 783	432,319	2 161,351	4,999	4,531
26	35	98 288	20 321,075	314 226,944	15,463	14,995	76	85	36 874	367,891	1 729,032	4,700	4,231
27	36	98 198	19 108,363	293 905,869	15,381	14,913	77	86	32 877	308,723	1 361,141	4,409	3,941
28	37	98 108	17 967,682	274 797,505	15,294	14,826	78	87	28 863	255,083	1 052,418	4,126	3,657
29	38	98 013	16 894,403	256 829,824	15,202	14,734	79	88	24 840	206,615	797,334	3,859	3,391
30	39	97 910	15 883,964	239 935,421	15,106	14,637	80	89	20 936	163,898	590,719	3,604	3,136
31	40	97 795	14 931,996	224 051,457	15,005	14,536	81	90	17 222	126,891	426,821	3,364	2,895
32	41	97 677	14 036,689	209 119,461	14,898	14,430	82	91	13 774	95,521	299,930	3,140	2,672
33	42	97 545	13 193,254	195 082,772	14,787	14,318	83	92	10 692	69,781	204,409	2,929	2,461
34	43	97 398	12 398,463	181 889,518	14,670	14,202	84	93	7 996	49,119	134,628	2,741	2,272
35	44	97 243	11 650,496	169 491,055	14,548	14,080	85	94	5 755	33,273	85,509	2,570	2,102
36	45	97 077	10 946,531	157 840,559	14,419	13,951	86	95	3 983	21,671	52,236	2,410	1,942
37	46	96 887	10 282,446	146 894,028	14,286	13,818	87	96	2 629	13,466	30,565	2,270	1,801
38	47	96 676	9 656,494	136 611,582	14,147	13,679	88	97	1 650	7,955	17,098	2,149	1,681
39	48	96 452	9 067,433	126 955,088	14,001	13,533	89	98	993	4,506	9,143	2,029	1,561
40	49	96 195	8 511,269	117 887,654	13,851	13,382	90	99	565	2,411	4,637	1,923	1,455
41	50	95 914	7 987,219	109 376,385	13,694	13,226	91	100	303	1,217	2,226	1,830	1,361
42	51	95 598	7 492,635	101 389,166	13,532	13,063							
43	52	95 265	7 027,294	93 896,531	13,362	12,893							
44	53	94 903	6 588,820	86 869,237	13,184	12,716							
45	54	94 504	6 175,147	80 280,417	13,001	12,532							
46	55	94 066	5 785,003	74 105,270	12,810	12,342							
47	56	93 580	5 416,567	68 320,267	12,613	12,145							
48	57	93 046	5 068,860	62 903,701	12,410	11,941							
49	58	92 454	4 740,298	57 834,841	12,201	11,732							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	1 649 216,030	16,554	16,086	50	60	91 372	4 409,260	52 256,695	11,852	11,383
1	11	99 282	93 442,171	1 549 590,875	16,583	16,115	51	61	90 611	4 115,349	47 847,435	11,627	11,158
2	12	99 251	87 917,557	1 456 148,704	16,563	16,094	52	62	89 783	3 837,852	43 732,087	11,395	10,927
3	13	99 231	82 729,701	1 368 231,146	16,539	16,070	53	63	88 877	3 575,637	39 894,235	11,157	10,689
4	14	99 212	77 847,864	1 285 501,446	16,513	16,045	54	64	87 877	3 327,468	36 318,597	10,915	10,446
5	15	99 191	73 253,460	1 207 653,582	16,486	16,018	55	65	86 789	3 092,963	32 991,129	10,667	10,198
6	16	99 171	68 930,186	1 134 400,122	16,457	15,989	56	66	85 604	2 871,275	29 898,166	10,413	9,945
7	17	99 149	64 861,335	1 065 469,936	16,427	15,959	57	67	84 317	2 661,743	27 026,892	10,154	9,685
8	18	99 127	61 032,115	1 000 608,601	16,395	15,926	58	68	82 938	2 464,182	24 365,149	9,888	9,419
9	19	99 103	57 428,293	939 576,486	16,361	15,893	59	69	81 457	2 277,834	21 900,967	9,615	9,146
10	20	99 079	54 036,936	882 148,193	16,325	15,857	60	70	79 817	2 100,676	19 623,133	9,341	8,873
11	21	99 055	50 846,182	828 111,257	16,287	15,818	61	71	78 062	1 933,638	17 522,457	9,062	8,594
12	22	99 031	47 843,797	777 265,075	16,246	15,778	62	72	76 168	1 775,742	15 588,819	8,779	8,310
13	23	99 006	45 017,916	729 421,278	16,203	15,735	63	73	74 148	1 626,955	13 813,077	8,490	8,022
14	24	98 981	42 358,936	684 403,363	16,157	15,689	64	74	71 962	1 486,120	12 186,122	8,200	7,732
15	25	98 952	39 855,761	642 044,426	16,109	15,641	65	75	69 655	1 353,847	10 700,002	7,903	7,435
16	26	98 918	37 498,183	602 188,665	16,059	15,591	66	76	67 205	1 229,404	9 346,155	7,602	7,134
17	27	98 877	35 278,048	564 690,483	16,007	15,538	67	77	64 613	1 112,450	8 116,751	7,296	6,828
18	28	98 830	33 187,053	529 412,435	15,952	15,484	68	78	61 926	1 003,471	7 004,301	6,980	6,512
19	29	98 769	31 215,386	496 225,382	15,897	15,428	69	79	59 058	900,704	6 000,831	6,662	6,194
20	30	98 704	29 360,085	465 009,996	15,838	15,370	70	80	56 032	804,283	5 100,126	6,341	5,873
21	31	98 636	27 613,807	435 649,911	15,777	15,308	71	81	52 839	713,841	4 295,843	6,018	5,550
22	32	98 564	25 970,589	408 036,103	15,711	15,243	72	82	49 439	628,620	3 582,002	5,698	5,230
23	33	98 490	24 424,453	382 065,515	15,643	15,174	73	83	45 877	549,014	2 953,382	5,379	4,911
24	34	98 414	22 970,014	357 641,062	15,570	15,102	74	84	42 095	474,124	2 404,368	5,071	4,603
25	35	98 331	21 600,683	334 671,048	15,494	15,025	75	85	38 181	404,742	1 930,244	4,769	4,301
26	36	98 242	20 311,587	313 070,365	15,413	14,945	76	86	34 156	340,780	1 525,502	4,477	4,008
27	37	98 152	19 099,252	292 758,778	15,328	14,860	77	87	30 074	282,396	1 184,722	4,195	3,727
28	38	98 058	17 958,609	273 659,527	15,238	14,770	78	88	26 003	229,806	902,326	3,926	3,458
29	39	97 958	16 885,041	255 700,917	15,144	14,675	79	89	22 025	183,205	672,520	3,671	3,203
30	40	97 846	15 873,629	238 815,876	15,045	14,576	80	90	18 239	142,787	489,315	3,427	2,959
31	41	97 733	14 922,542	222 942,247	14,940	14,472	81	91	14 688	108,223	346,528	3,202	2,734
32	42	97 605	14 026,401	208 019,705	14,831	14,362	82	92	11 489	79,672	238,305	2,991	2,523
33	43	97 467	13 182,609	193 993,304	14,716	14,247	83	93	8 682	56,666	158,634	2,799	2,331
34	44	97 311	12 387,357	180 810,695	14,596	14,128	84	94	6 321	38,831	101,968	2,626	2,158
35	45	97 151	11 639,477	168 423,337	14,470	14,002	85	95	4 435	25,638	63,137	2,463	1,994
36	46	96 973	10 934,756	156 783,861	14,338	13,870	86	96	2 970	16,161	37,499	2,320	1,852
37	47	96 773	10 270,270	145 849,105	14,201	13,733	87	97	1 895	9,705	21,337	2,199	1,730
38	48	96 550	9 643,947	135 578,835	14,058	13,590	88	98	1 164	5,611	11,633	2,073	1,605
39	49	96 306	9 053,677	125 934,888	13,910	13,441	89	99	676	3,068	6,022	1,963	1,494
40	50	96 033	8 496,936	116 881,211	13,756	13,287	90	100	371	1,583	2,954	1,865	1,397
41	51	95 737	7 972,491	108 384,275	13,595	13,126							
42	52	95 400	7 477,077	100 411,784	13,429	12,961							
43	53	95 055	7 011,803	92 934,707	13,254	12,786							
44	54	94 668	6 572,489	85 922,904	13,073	12,605							
45	55	94 244	6 158,139	79 350,415	12,885	12,417							
46	56	93 774	5 766,998	73 192,276	12,692	12,223							
47	57	93 264	5 398,250	67 425,279	12,490	12,022							
48	58	92 697	5 049,820	62 027,029	12,283	11,815							
49	59	92 068	4 720,514	56 977,209	12,070	11,602							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	1 647 766,881	16,541	16,072	50	61	90 903	4 386,654	51 366,055	11,710	11,241
1	12	99 275	93 434,985	1 548 147,264	16,569	16,101	51	62	90 105	4 092,360	46 979,401	11,480	11,011
2	13	99 244	87 912,001	1 454 712,279	16,547	16,079	52	63	89 233	3 814,357	42 887,041	11,244	10,775
3	14	99 223	82 723,162	1 366 800,277	16,523	16,054	53	64	88 276	3 551,466	39 072,684	11,002	10,533
4	15	99 202	77 840,683	1 284 077,116	16,496	16,028	54	65	87 226	3 302,815	35 521,219	10,755	10,286
5	16	99 180	73 244,979	1 206 236,433	16,469	16,000	55	66	86 094	3 068,177	32 218,403	10,501	10,032
6	17	99 158	68 921,374	1 132 991,454	16,439	15,971	56	67	84 855	2 846,129	29 150,226	10,242	9,774
7	18	99 136	64 852,925	1 064 070,080	16,407	15,939	57	68	83 528	2 636,835	26 304,098	9,976	9,507
8	19	99 110	61 022,209	999 217,155	16,375	15,906	58	69	82 091	2 439,037	23 667,263	9,704	9,235
9	20	99 087	57 418,854	938 194,947	16,339	15,871	59	70	80 517	2 251,533	21 228,226	9,428	8,960
10	21	99 062	54 028,091	880 776,093	16,302	15,834	60	71	78 815	2 074,309	18 976,692	9,148	8,680
11	22	99 038	50 837,548	826 748,002	16,263	15,794	61	72	76 984	1 906,926	16 902,383	8,864	8,395
12	23	99 015	47 835,770	775 910,454	16,220	15,752	62	73	75 030	1 749,198	14 995,457	8,573	8,104
13	24	98 990	45 010,553	728 074,683	16,176	15,707	63	74	72 907	1 599,726	13 246,259	8,280	7,812
14	25	98 964	42 351,978	683 064,131	16,128	15,660	64	75	70 653	1 459,084	11 646,533	7,982	7,514
15	26	98 933	39 848,012	640 712,153	16,079	15,611	65	76	68 253	1 326,608	10 187,449	7,679	7,211
16	27	98 900	37 491,499	600 864,140	16,027	15,558	66	77	65 717	1 202,174	8 860,841	7,371	6,902
17	28	98 857	35 270,648	563 372,641	15,973	15,504	67	78	63 066	1 085,820	7 658,667	7,053	6,585
18	29	98 807	33 179,155	528 101,993	15,917	15,448	68	79	60 241	976,169	6 572,848	6,733	6,265
19	30	98 744	31 207,683	494 922,838	15,859	15,391	69	80	57 239	872,955	5 596,679	6,411	5,943
20	31	98 676	29 351,782	463 715,155	15,799	15,330	70	81	54 056	775,923	4 723,724	6,088	5,620
21	32	98 604	27 604,916	434 363,373	15,735	15,267	71	82	50 704	684,991	3 947,801	5,763	5,295
22	33	98 531	25 961,865	406 758,457	15,668	15,199	72	83	47 115	599,073	3 262,810	5,446	4,978
23	34	98 455	24 415,899	380 796,592	15,596	15,128	73	84	43 345	518,711	2 663,736	5,135	4,667
24	35	98 376	22 961,244	356 380,693	15,521	15,053	74	85	39 410	443,880	2 145,025	4,832	4,364
25	36	98 285	21 590,597	333 419,449	15,443	14,974	75	86	35 367	374,915	1 701,145	4,537	4,069
26	37	98 195	20 301,901	311 828,852	15,360	14,891	76	87	31 244	311,719	1 326,230	4,255	3,786
27	38	98 102	19 089,608	291 526,951	15,272	14,803	77	88	27 094	254,412	1 014,511	3,988	3,519
28	39	98 004	17 948,658	272 437,344	15,179	14,710	78	89	23 056	203,768	760,099	3,730	3,262
29	40	97 895	16 874,055	254 488,685	15,082	14,613	79	90	19 188	159,607	556,331	3,486	3,017
30	41	97 784	15 863,579	237 614,630	14,979	14,510	80	91	15 556	121,780	396,724	3,258	2,789
31	42	97 661	14 911,605	221 751,051	14,871	14,403	81	92	12 251	90,266	274,944	3,046	2,578
32	43	97 526	14 015,084	206 839,446	14,758	14,290	82	93	9 330	64,698	184,678	2,854	2,386
33	44	97 379	13 170,801	192 824,363	14,640	14,172	83	94	6 864	44,797	119,980	2,678	2,210
34	45	97 219	12 375,641	179 653,561	14,517	14,048	84	95	4 871	29,921	75,184	2,513	2,044
35	46	97 046	11 626,956	167 277,920	14,387	13,919	85	96	3 307	19,120	45,263	2,367	1,899
36	47	96 858	10 921,807	155 650,964	14,251	13,783	86	97	2 140	11,647	26,143	2,245	1,776
37	48	96 647	10 256,925	144 729,157	14,110	13,642	87	98	1 336	6,844	14,496	2,118	1,650
38	49	96 404	9 629,316	134 472,231	13,965	13,497	88	99	793	3,821	7,651	2,003	1,534
39	50	96 144	9 038,430	124 842,916	13,812	13,344	89	100	444	2,015	3,831	1,901	1,433
40	51	95 856	8 481,268	115 804,486	13,654	13,186							
41	52	95 538	7 955,936	107 323,217	13,490	13,021							
42	53	95 189	7 460,594	99 367,281	13,319	12,851							
43	54	94 819	6 994,424	91 906,687	13,140	12,672							
44	55	94 407	6 554,387	84 912,263	12,955	12,487							
45	56	93 950	6 138,972	78 357,877	12,764	12,296							
46	57	93 457	5 747,496	72 218,904	12,565	12,097							
47	58	92 913	5 377,973	66 471,408	12,360	11,892							
48	59	92 310	5 028,744	61 093,436	12,149	11,680							
49	60	91 641	4 698,637	56 064,692	11,932	11,464							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	1 646 210,114	16,526	16,058	50	62	90 396	4 362,149	50 421,453	11,559	11,091
1	13	99 268	93 429,081	1 546 598,158	16,554	16,085	51	63	89 554	4 067,307	46 059,304	11,324	10,856
2	14	99 237	87 905,053	1 453 169,078	16,531	16,063	52	64	88 630	3 788,571	41 991,997	11,084	10,616
3	15	99 214	82 715,530	1 365 264,025	16,506	16,037	53	65	87 622	3 525,153	38 203,426	10,837	10,369
4	16	99 191	77 831,671	1 282 548,495	16,478	16,010	54	66	86 527	3 276,347	34 678,272	10,584	10,116
5	17	99 167	73 235,615	1 204 716,824	16,450	15,982	55	67	85 340	3 041,307	31 401,925	10,325	9,857
6	18	99 145	68 912,438	1 131 481,208	16,419	15,951	56	68	84 060	2 819,495	28 360,618	10,059	9,590
7	19	99 120	64 842,398	1 062 568,770	16,387	15,919	57	69	82 676	2 609,928	25 541,123	9,786	9,318
8	20	99 094	61 012,179	997 726,372	16,353	15,885	58	70	81 143	2 410,876	22 931,195	9,512	9,043
9	21	99 070	57 409,455	936 714,194	16,316	15,848	59	71	79 506	2 223,273	20 520,319	9,230	8,761
10	22	99 046	54 018,917	879 304,739	16,278	15,809	60	72	77 726	2 045,653	18 297,047	8,944	8,476
11	23	99 022	50 829,019	825 285,821	16,237	15,768	61	73	75 833	1 878,421	16 251,393	8,652	8,183
12	24	98 999	47 827,946	774 456,803	16,193	15,724	62	74	73 774	1 719,924	14 372,972	8,357	7,888
13	25	98 974	45 003,159	726 628,856	16,146	15,678	63	75	71 581	1 570,624	12 653,048	8,056	7,588
14	26	98 945	42 343,744	681 625,698	16,097	15,629	64	76	69 232	1 429,727	11 082,425	7,751	7,283
15	27	98 915	39 840,910	639 281,953	16,046	15,578	65	77	66 742	1 297,225	9 652,697	7,441	6,973
16	28	98 879	37 483,635	599 441,044	15,992	15,524	66	78	64 144	1 173,396	8 355,473	7,121	6,652
17	29	98 833	35 262,254	561 957,408	15,937	15,468	67	79	61 350	1 056,277	7 182,077	6,799	6,331
18	30	98 782	33 170,967	526 695,154	15,878	15,410	68	80	58 385	946,095	6 125,800	6,475	6,006
19	31	98 716	31 198,858	493 524,186	15,819	15,350	69	81	55 220	842,173	5 179,705	6,150	5,682
20	32	98 645	29 342,331	462 325,328	15,756	15,288	70	82	51 871	744,564	4 337,532	5,826	5,357
21	33	98 571	27 595,643	432 982,998	15,690	15,222	71	83	48 320	652,795	3 592,968	5,504	5,036
22	34	98 496	25 952,773	405 387,355	15,620	15,152	72	84	44 515	566,007	2 940,173	5,195	4,726
23	35	98 418	24 406,577	379 434,582	15,546	15,078	73	85	40 580	485,623	2 374,166	4,889	4,421
24	36	98 330	22 950,522	355 028,005	15,469	15,001	74	86	36 506	411,169	1 888,542	4,593	4,125
25	37	98 238	21 580,301	332 077,483	15,388	14,920	75	87	32 351	342,943	1 477,373	4,308	3,840
26	38	98 145	20 291,650	310 497,181	15,302	14,833	76	88	28 148	280,829	1 134,430	4,040	3,571
27	39	98 048	19 079,030	290 205,531	15,211	14,742	77	89	24 024	225,586	853,601	3,784	3,316
28	40	97 940	17 936,980	271 126,501	15,116	14,647	78	90	20 087	177,521	628,015	3,538	3,069
29	41	97 833	16 863,372	253 189,521	15,014	14,546	79	91	16 365	136,126	450,494	3,309	2,841
30	42	97 713	15 851,952	236 326,150	14,908	14,440	80	92	12 975	101,574	314,367	3,095	2,627
31	43	97 582	14 899,574	220 474,198	14,797	14,329	81	93	9 948	73,301	212,794	2,903	2,435
32	44	97 439	14 002,531	205 574,624	14,681	14,213	82	94	7 375	51,146	139,493	2,727	2,259
33	45	97 287	13 158,344	191 572,094	14,559	14,091	83	95	5 289	34,518	88,347	2,559	2,091
34	46	97 115	12 362,329	178 413,750	14,432	13,964	84	96	3 632	22,313	53,829	2,412	1,944
35	47	96 931	11 613,188	166 051,421	14,299	13,830	85	97	2 383	13,779	31,516	2,287	1,819
36	48	96 732	10 907,616	154 438,233	14,159	13,690	86	98	1 510	8,214	17,737	2,159	1,691
37	49	96 500	10 241,364	143 530,617	14,015	13,546	87	99	910	4,661	9,522	2,043	1,575
38	50	96 242	9 613,099	133 289,253	13,865	13,397	88	100	521	2,509	4,861	1,937	1,469
39	51	95 967	9 021,764	123 676,154	13,709	13,240							
40	52	95 657	8 463,657	114 654,390	13,547	13,078							
41	53	95 328	7 938,398	106 190,733	13,377	12,908							
42	54	94 954	7 442,103	98 252,335	13,202	12,734							
43	55	94 558	6 975,159	90 810,232	13,019	12,551							
44	56	94 113	6 533,987	83 835,073	12,831	12,362							
45	57	93 633	6 118,213	77 301,086	12,635	12,166							
46	58	93 106	5 725,907	71 182,873	12,432	11,963							
47	59	92 526	5 355,527	65 456,967	12,222	11,754							
48	60	91 882	5 005,438	60 101,439	12,007	11,539							
49	61	91 171	4 674,548	55 096,001	11,786	11,318							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	1 644 541,184	16,511	16,042	50	63	89 842	4 335,445	49 421,514	11,399	10,931
1	14	99 261	93 421,696	1 544 935,523	16,537	16,069	51	64	88 948	4 039,811	45 086,069	11,160	10,692
2	15	99 227	87 896,943	1 451 513,827	16,514	16,045	52	65	87 973	3 760,502	41 046,258	10,915	10,447
3	16	99 203	82 705,954	1 363 616,884	16,488	16,019	53	66	86 920	3 496,904	37 285,756	10,663	10,194
4	17	99 178	77 821,721	1 280 910,929	16,460	15,991	54	67	85 769	3 247,654	33 788,852	10,404	9,936
5	18	99 154	73 226,120	1 203 089,209	16,430	15,961	55	68	84 541	3 012,847	30 541,198	10,137	9,669
6	19	99 129	68 901,252	1 129 863,088	16,398	15,930	56	69	83 203	2 790,725	27 528,352	9,864	9,396
7	20	99 104	64 831,740	1 060 961,836	16,365	15,896	57	70	81 721	2 579,793	24 737,627	9,589	9,121
8	21	99 078	61 002,192	996 130,096	16,329	15,861	58	71	80 125	2 380,615	22 157,834	9,308	8,839
9	22	99 054	57 399,707	935 127,904	16,292	15,823	59	72	78 408	2 192,559	19 777,219	9,020	8,552
10	23	99 029	54 009,854	877 728,197	16,251	15,783	60	73	76 565	2 015,075	17 584,659	8,727	8,258
11	24	99 005	50 820,705	823 718,343	16,208	15,740	61	74	74 564	1 846,984	15 569,584	8,430	7,961
12	25	98 982	47 820,090	772 897,638	16,163	15,694	62	75	72 432	1 688,635	13 722,600	8,126	7,658
13	26	98 954	44 994,409	725 077,548	16,115	15,646	63	76	70 140	1 539,023	12 033,966	7,819	7,351
14	27	98 927	42 336,197	680 083,139	16,064	15,596	64	77	67 698	1 398,060	10 494,943	7,507	7,038
15	28	98 895	39 832,553	637 746,942	16,011	15,542	65	78	65 144	1 266,171	9 096,882	7,185	6,716
16	29	98 856	37 474,715	597 914,388	15,955	15,487	66	79	62 399	1 141,471	7 830,711	6,860	6,392
17	30	98 809	35 253,553	560 439,674	15,897	15,429	67	80	59 460	1 023,735	6 689,241	6,534	6,066
18	31	98 754	33 161,587	525 186,121	15,837	15,369	68	81	56 326	912,734	5 665,506	6,207	5,739
19	32	98 684	31 188,812	492 024,534	15,776	15,307	69	82	52 989	808,137	4 752,772	5,881	5,413
20	33	98 611	29 332,474	460 835,722	15,711	15,242	70	83	49 433	709,568	3 944,635	5,559	5,091
21	34	98 536	27 585,978	431 503,247	15,642	15,174	71	84	45 653	616,763	3 235,067	5,245	4,777
22	35	98 459	25 942,864	403 917,269	15,569	15,101	72	85	41 675	529,903	2 618,304	4,941	4,473
23	36	98 372	24 395,181	377 974,405	15,494	15,025	73	86	37 590	449,836	2 088,401	4,643	4,174
24	37	98 283	22 939,578	353 579,224	15,414	14,945	74	87	33 393	376,105	1 638,565	4,357	3,888
25	38	98 189	21 569,405	330 639,646	15,329	14,861	75	88	29 145	308,959	1 262,460	4,086	3,618
26	39	98 091	20 280,406	309 070,241	15,240	14,771	76	89	24 958	249,010	953,501	3,829	3,361
27	40	97 984	19 066,616	288 789,835	15,146	14,678	77	90	20 929	196,529	704,491	3,585	3,116
28	41	97 878	17 925,624	269 723,219	15,047	14,578	78	91	17 132	151,405	507,962	3,355	2,887
29	42	97 761	16 851,012	251 797,595	14,943	14,474	79	92	13 650	113,539	356,557	3,140	2,672
30	43	97 634	15 839,162	234 946,583	14,833	14,365	80	93	10 536	82,483	243,018	2,946	2,478
31	44	97 495	14 886,228	219 107,422	14,719	14,250	81	94	7 865	57,947	160,535	2,770	2,302
32	45	97 347	13 989,286	204 221,194	14,598	14,130	82	95	5 683	39,410	102,587	2,603	2,135
33	46	97 183	13 144,190	190 231,908	14,473	14,004	83	96	3 944	25,742	63,177	2,454	1,986
34	47	97 000	12 347,690	177 087,718	14,342	13,873	84	97	2 618	16,081	37,435	2,328	1,860
35	48	96 805	11 598,098	164 740,028	14,204	13,736	85	98	1 681	9,718	21,354	2,197	1,729
36	49	96 586	10 891,068	153 141,930	14,061	13,593	86	99	1 028	5,594	11,637	2,080	1,612
37	50	96 338	10 224,117	142 250,862	13,913	13,445	87	100	598	3,061	6,043	1,974	1,506
38	51	96 064	9 595,374	132 026,745	13,759	13,291							
39	52	95 767	9 003,030	122 431,371	13,599	13,131							
40	53	95 446	8 444,999	113 428,341	13,431	12,963							
41	54	95 091	7 918,722	104 983,342	13,258	12,789							
42	55	94 692	7 421,605	97 064,619	13,079	12,610							
43	56	94 264	6 953,450	89 643,014	12,892	12,424							
44	57	93 795	6 511,892	82 689,565	12,698	12,230							
45	58	93 281	6 095,231	76 177,673	12,498	12,030							
46	59	92 717	5 702,009	70 082,442	12,291	11,822							
47	60	92 097	5 330,707	64 380,433	12,077	11,609							
48	61	91 411	4 979,776	59 049,726	11,858	11,390							
49	62	90 662	4 648,435	54 069,949	11,632	11,164							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	1 642 751,587	16,494	16,026	50	64	89 235	4 306,136	48 365,146	11,232	10,763
1	15	99 251	93 413,078	1 543 153,799	16,520	16,051	51	65	88 289	4 009,881	44 059,009	10,988	10,519
2	16	99 216	87 886,767	1 449 740,721	16,496	16,027	52	66	87 268	3 730,367	40 049,128	10,736	10,268
3	17	99 190	82 695,381	1 361 853,954	16,468	16,000	53	67	86 158	3 466,279	36 318,762	10,478	10,009
4	18	99 165	77 811,631	1 279 158,573	16,439	15,971	54	68	84 967	3 217,263	32 852,483	10,211	9,743
5	19	99 138	73 214,234	1 201 346,941	16,409	15,940	55	69	83 679	2 982,104	29 635,220	9,938	9,469
6	20	99 113	68 889,927	1 128 132,707	16,376	15,908	56	70	82 242	2 758,502	26 653,117	9,662	9,194
7	21	99 088	64 821,128	1 059 242,780	16,341	15,873	57	71	80 695	2 547,412	23 894,614	9,380	8,912
8	22	99 061	60 991,834	994 421,652	16,304	15,836	58	72	79 018	2 347,728	21 347,202	9,093	8,624
9	23	99 037	57 390,077	933 429,818	16,265	15,796	59	73	77 236	2 159,785	18 999,474	8,797	8,329
10	24	99 013	54 001,021	876 039,741	16,223	15,754	60	74	75 283	1 981,351	16 839,689	8,499	8,031
11	25	98 989	50 812,357	822 038,721	16,178	15,710	61	75	73 207	1 813,383	14 858,338	8,194	7,725
12	26	98 963	47 810,793	771 226,364	16,131	15,662	62	76	70 975	1 654,659	13 044,955	7,884	7,415
13	27	98 937	44 986,390	723 415,571	16,081	15,612	63	77	68 587	1 504,935	11 390,295	7,569	7,100
14	28	98 907	42 327,317	678 429,182	16,028	15,560	64	78	66 078	1 364,593	9 885,360	7,244	6,776
15	29	98 871	39 823,074	636 101,864	15,973	15,505	65	79	63 371	1 231,722	8 520,767	6,918	6,449
16	30	98 831	37 465,467	596 278,791	15,915	15,447	66	80	60 476	1 106,304	7 289,045	6,589	6,120
17	31	98 781	35 243,584	558 813,324	15,856	15,387	67	81	57 364	987,637	6 182,742	6,260	5,792
18	32	98 723	33 150,909	523 569,740	15,794	15,325	68	82	54 050	875,846	5 195,105	5,932	5,463
19	33	98 651	31 178,335	490 418,831	15,729	15,261	69	83	50 498	770,152	4 319,259	5,608	5,140
20	34	98 577	29 322,201	459 240,496	15,662	15,194	70	84	46 705	670,402	3 549,107	5,294	4,826
21	35	98 499	27 575,446	429 918,294	15,591	15,122	71	85	42 741	577,421	2 878,705	4,985	4,517
22	36	98 413	25 930,750	402 342,848	15,516	15,048	72	86	38 604	490,852	2 301,283	4,688	4,220
23	37	98 325	24 383,548	376 412,098	15,437	14,969	73	87	34 384	411,475	1 810,431	4,400	3,932
24	38	98 234	22 927,995	352 028,550	15,354	14,885	74	88	30 084	338,835	1 398,957	4,129	3,660
25	39	98 134	21 557,453	329 100,555	15,266	14,798	75	89	25 843	273,953	1 060,121	3,870	3,401
26	40	98 027	20 267,211	307 543,102	15,174	14,706	76	90	21 744	216,936	786,169	3,624	3,156
27	41	97 922	19 054,545	287 275,891	15,077	14,608	77	91	17 850	167,616	569,233	3,396	2,928
28	42	97 806	17 912,485	268 221,346	14,974	14,506	78	92	14 289	126,283	401,616	3,180	2,712
29	43	97 682	16 837,416	250 308,861	14,866	14,398	79	93	11 085	92,200	275,334	2,986	2,518
30	44	97 546	15 824,974	233 471,446	14,753	14,285	80	94	8 329	65,206	183,134	2,809	2,340
31	45	97 403	14 872,148	217 646,471	14,635	14,166	81	95	6 060	44,651	117,927	2,641	2,173
32	46	97 242	13 974,239	202 774,323	14,511	14,042	82	96	4 238	29,390	73,277	2,493	2,025
33	47	97 068	13 128,625	188 800,085	14,381	13,912	83	97	2 842	18,552	43,886	2,366	1,897
34	48	96 873	12 331,645	175 671,460	14,246	13,777	84	98	1 846	11,341	25,335	2,234	1,766
35	49	96 659	11 580,503	163 339,815	14,105	13,636	85	99	1 145	6,618	13,994	2,115	1,646
36	50	96 423	10 872,726	151 759,312	13,958	13,489	86	100	675	3,674	7,376	2,008	1,539
37	51	96 160	10 205,265	140 886,586	13,805	13,337							
38	52	95 865	9 575,449	130 681,321	13,648	13,179							
39	53	95 556	8 983,184	121 105,872	13,481	13,013							
40	54	95 209	8 424,068	112 122,688	13,310	12,841							
41	55	94 830	7 896,912	103 698,620	13,132	12,663							
42	56	94 397	7 398,506	95 801,708	12,949	12,480							
43	57	93 945	6 929,936	88 403,202	12,757	12,288							
44	58	93 443	6 487,431	81 473,266	12,559	12,090							
45	59	92 892	6 069,792	74 985,835	12,354	11,886							
46	60	92 287	5 675,584	68 916,043	12,143	11,674							
47	61	91 625	5 303,378	63 240,460	11,925	11,456							
48	62	90 900	4 951,958	57 937,082	11,700	11,231							
49	63	90 107	4 619,978	52 985,124	11,469	11,000							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	1 640 835,454	16,476	16,008	50	65	88 574	4 274,233	47 251,660	11,055	10,587
1	16	99 240	93 402,263	1 541 246,855	16,501	16,033	51	66	87 582	3 977,747	42 977,426	10,804	10,336
2	17	99 203	87 875,532	1 447 844,591	16,476	16,008	52	67	86 504	3 697,697	38 999,680	10,547	10,079
3	18	99 177	82 684,659	1 359 969,060	16,448	15,979	53	68	85 352	3 433,842	35 301,982	10,281	9,812
4	19	99 149	77 799,001	1 277 284,400	16,418	15,949	54	69	84 100	3 184,434	31 868,141	10,007	9,539
5	20	99 122	73 202,200	1 199 485,399	16,386	15,918	55	70	82 712	2 947,671	28 683,707	9,731	9,263
6	21	99 096	68 878,651	1 126 283,199	16,352	15,883	56	71	81 210	2 723,878	25 736,036	9,448	8,980
7	22	99 071	64 810,122	1 057 404,548	16,315	15,847	57	72	79 581	2 512,221	23 012,158	9,160	8,692
8	23	99 044	60 981,601	992 594,426	16,277	15,809	58	73	77 837	2 312,634	20 499,936	8,864	8,396
9	24	99 021	57 380,690	931 612,826	16,236	15,767	59	74	75 943	2 123,639	18 187,302	8,564	8,096
10	25	98 997	53 992,150	874 232,135	16,192	15,723	60	75	73 914	1 945,306	16 063,663	8,258	7,789
11	26	98 970	50 802,478	820 239,986	16,146	15,677	61	76	71 734	1 776,898	14 118,358	7,946	7,477
12	27	98 945	47 802,271	769 437,507	16,096	15,628	62	77	69 403	1 618,011	12 341,459	7,628	7,159
13	28	98 916	44 976,954	721 635,237	16,045	15,576	63	78	66 945	1 468,909	10 723,449	7,300	6,832
14	29	98 883	42 317,244	676 658,283	15,990	15,522	64	79	64 280	1 327,466	9 254,539	6,972	6,503
15	30	98 847	39 813,247	634 341,039	15,933	15,465	65	80	61 419	1 193,775	7 927,073	6,640	6,172
16	31	98 803	37 454,871	594 527,792	15,873	15,405	66	81	58 344	1 067,294	6 733,299	6,309	5,840
17	32	98 749	35 232,235	557 072,920	15,811	15,343	67	82	55 045	947,721	5 666,005	5,979	5,510
18	33	98 689	33 139,773	521 840,685	15,747	15,278	68	83	51 509	834,679	4 718,284	5,653	5,184
19	34	98 617	31 167,416	488 700,911	15,680	15,212	69	84	47 711	727,643	3 883,605	5,337	4,869
20	35	98 539	29 311,006	457 533,496	15,610	15,141	70	85	43 726	627,639	3 155,962	5,028	4,560
21	36	98 453	27 562,570	428 222,489	15,536	15,068	71	86	39 591	534,869	2 528,323	4,727	4,259
22	37	98 366	25 918,385	400 659,919	15,459	14,990	72	87	35 312	448,993	1 993,454	4,440	3,971
23	38	98 275	24 371,236	374 741,534	15,376	14,908	73	88	30 977	370,700	1 544,461	4,166	3,698
24	39	98 179	22 915,291	350 370,299	15,290	14,821	74	89	26 675	300,444	1 173,762	3,907	3,438
25	40	98 070	21 543,427	327 455,008	15,200	14,731	75	90	22 514	238,666	873,318	3,659	3,191
26	41	97 965	20 254,379	305 911,581	15,103	14,635	76	91	18 545	185,021	634,652	3,430	2,962
27	42	97 850	19 040,579	285 657,202	15,003	14,534	77	92	14 888	139,804	449,631	3,216	2,748
28	43	97 727	17 898,032	266 616,623	14,896	14,428	78	93	11 603	102,548	309,827	3,021	2,553
29	44	97 595	16 822,334	248 718,591	14,785	14,317	79	94	8 763	72,888	207,279	2,844	2,375
30	45	97 454	15 810,006	231 896,256	14,668	14,199	80	95	6 418	50,244	134,391	2,675	2,206
31	46	97 298	14 856,150	216 086,250	14,545	14,077	81	96	4 519	33,298	84,146	2,527	2,059
32	47	97 127	13 957,690	201 230,099	14,417	13,949	82	97	3 054	21,181	50,848	2,401	1,932
33	48	96 941	13 111,566	187 272,409	14,283	13,815	83	98	2 005	13,084	29,667	2,267	1,799
34	49	96 727	12 312,937	174 160,843	14,145	13,676	84	99	1 257	7,723	16,583	2,147	1,679
35	50	96 496	11 561,000	161 847,906	13,999	13,531	85	100	752	4,346	8,860	2,039	1,570
36	51	96 245	10 852,678	150 286,906	13,848	13,380							
37	52	95 960	10 184,074	139 434,228	13,691	13,223							
38	53	95 653	9 554,341	129 250,154	13,528	13,060							
39	54	95 319	8 960,918	119 695,814	13,358	12,889							
40	55	94 947	8 400,865	110 734,895	13,181	12,713							
41	56	94 534	7 872,334	102 334,030	12,999	12,531							
42	57	94 078	7 373,487	94 461,696	12,811	12,343							
43	58	93 592	6 903,905	87 088,209	12,614	12,146							
44	59	93 053	6 460,355	80 184,304	12,412	11,943							
45	60	92 461	6 041,662	73 723,948	12,203	11,734							
46	61	91 814	5 646,486	67 682,286	11,987	11,518							
47	62	91 113	5 273,752	62 035,800	11,763	11,295							
48	63	90 344	4 921,643	56 762,048	11,533	11,065							
49	64	89 498	4 588,746	51 840,406	11,297	10,829							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	1 638 786,303	16,457	15,989	50	66	87 864	4 239,981	46 080,355	10,868	10,400
1	17	99 227	93 390,323	1 539 209,233	16,481	16,013	51	67	86 815	3 942,911	41 840,374	10,612	10,143
2	18	99 190	87 864,139	1 445 818,910	16,455	15,987	52	68	85 694	3 663,094	37 897,463	10,346	9,877
3	19	99 161	82 671,238	1 357 954,772	16,426	15,958	53	69	84 481	3 398,803	34 234,369	10,072	9,604
4	20	99 133	77 786,213	1 275 283,534	16,395	15,926	54	70	83 129	3 147,665	30 835,566	9,796	9,328
5	21	99 105	73 190,218	1 197 497,321	16,361	15,893	55	71	81 674	2 910,673	27 687,901	9,513	9,044
6	22	99 080	68 866,956	1 124 307,102	16,326	15,857	56	72	80 088	2 686,249	24 777,228	9,224	8,755
7	23	99 054	64 799,248	1 055 440,147	16,288	15,819	57	73	78 391	2 474,669	22 090,979	8,927	8,458
8	24	99 028	60 971,627	990 640,899	16,248	15,779	58	74	76 534	2 273,930	19 616,310	8,627	8,158
9	25	99 004	57 371,264	929 669,272	16,204	15,736	59	75	74 561	2 085,005	17 342,380	8,318	7,849
10	26	98 977	53 981,653	872 298,008	16,159	15,691	60	76	72 426	1 906,166	15 257,375	8,004	7,536
11	27	98 952	50 793,423	818 316,355	16,111	15,642	61	77	70 146	1 737,542	13 351,208	7,684	7,216
12	28	98 925	47 792,245	767 522,931	16,060	15,591	62	78	67 741	1 579,278	11 613,666	7,354	6,885
13	29	98 892	44 966,250	719 730,687	16,006	15,538	63	79	65 124	1 428,944	10 034,388	7,022	6,554
14	30	98 859	42 306,801	674 764,437	15,949	15,481	64	80	62 300	1 286,569	8 605,444	6,689	6,220
15	31	98 819	39 801,988	632 457,636	15,890	15,422	65	81	59 253	1 151,680	7 318,876	6,355	5,887
16	32	98 771	37 442,812	592 655,648	15,828	15,360	66	82	55 986	1 024,159	6 167,195	6,022	5,553
17	33	98 716	35 220,400	555 212,836	15,764	15,296	67	83	52 458	903,176	5 143,036	5,694	5,226
18	34	98 655	33 128,167	519 992,436	15,696	15,228	68	84	48 666	788,608	4 239,861	5,376	4,908
19	35	98 579	31 155,516	486 864,269	15,627	15,159	69	85	44 667	681,228	3 451,253	5,066	4,598
20	36	98 493	29 297,320	455 708,753	15,555	15,086	70	86	40 503	581,386	2 770,024	4,765	4,296
21	37	98 406	27 549,427	426 411,433	15,478	15,010	71	87	36 215	489,256	2 188,639	4,473	4,005
22	38	98 316	25 905,298	398 862,006	15,397	14,929	72	88	31 813	404,500	1 699,383	4,201	3,733
23	39	98 221	24 357,731	372 956,708	15,312	14,843	73	89	27 467	328,698	1 294,882	3,939	3,471
24	40	98 115	22 900,381	348 598,977	15,222	14,754	74	90	23 239	261,745	966,184	3,691	3,223
25	41	98 008	21 529,787	325 698,596	15,128	14,659	75	91	19 202	203,554	704,440	3,461	2,992
26	42	97 893	20 239,534	304 168,809	15,028	14,560	76	92	15 468	154,321	500,886	3,246	2,777
27	43	97 771	19 025,216	283 929,275	14,924	14,455	77	93	12 090	113,528	346,565	3,053	2,584
28	44	97 640	17 882,001	264 904,059	14,814	14,346	78	94	9 173	81,069	233,036	2,875	2,406
29	45	97 502	16 806,423	247 022,058	14,698	14,230	79	95	6 752	56,163	151,968	2,706	2,237
30	46	97 349	15 793,000	230 215,635	14,577	14,109	80	96	4 786	37,470	95,804	2,557	2,089
31	47	97 183	14 838,558	214 422,634	14,450	13,982	81	97	3 257	23,998	58,335	2,431	1,963
32	48	97 001	13 939,554	199 584,076	14,318	13,849	82	98	2 154	14,938	34,337	2,299	1,830
33	49	96 794	13 091,674	185 644,522	14,180	13,712	83	99	1 365	8,910	19,399	2,177	1,709
34	50	96 564	12 292,201	172 552,848	14,038	13,569	84	100	826	5,072	10,489	2,068	1,600
35	51	96 318	11 539,683	160 260,647	13,888	13,419							
36	52	96 045	10 830,143	148 720,964	13,732	13,264							
37	53	95 749	10 161,624	137 890,822	13,570	13,101							
38	54	95 416	9 530,659	127 729,198	13,402	12,934							
39	55	95 057	8 936,238	118 198,539	13,227	12,759							
40	56	94 652	8 374,719	109 262,301	13,047	12,578							
41	57	94 215	7 845,713	100 887,582	12,859	12,391							
42	58	93 725	7 345,790	93 041,869	12,666	12,198							
43	59	93 201	6 875,091	85 696,079	12,465	11,996							
44	60	92 622	6 430,415	78 820,988	12,258	11,789							
45	61	91 987	6 010,687	72 390,573	12,044	11,575							
46	62	91 301	5 614,944	66 379,885	11,822	11,354							
47	63	90 555	5 241,467	60 764,942	11,593	11,125							
48	64	89 733	4 888,372	55 523,475	11,358	10,890							
49	65	88 835	4 554,749	50 635,104	11,117	10,649							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	1 636 598,369	16,438	15,969	50	67	87 094	4 202,848	44 850,260	10,671	10,203
1	18	99 214	93 378,214	1 537 034,028	16,460	15,992	51	68	86 002	3 906,013	40 647,412	10,406	9,938
2	19	99 174	87 849,876	1 443 655,814	16,433	15,965	52	69	84 820	3 625,716	36 741,399	10,134	9,665
3	20	99 145	82 657,650	1 355 805,938	16,403	15,934	53	70	83 506	3 359,559	33 115,683	9,857	9,389
4	21	99 117	77 773,481	1 273 148,288	16,370	15,902	54	71	82 085	3 108,157	29 756,123	9,574	9,105
5	22	99 089	73 177,791	1 195 374,807	16,335	15,867	55	72	80 546	2 870,463	26 647,967	9,284	8,815
6	23	99 063	68 855,401	1 122 197,016	16,298	15,830	56	73	78 891	2 646,095	23 777,503	8,986	8,518
7	24	99 038	64 788,650	1 053 341,615	16,258	15,790	57	74	77 079	2 433,253	21 131,408	8,684	8,216
8	25	99 012	60 961,611	988 552,965	16,216	15,748	58	75	75 142	2 232,562	18 698,155	8,375	7,907
9	26	98 985	57 360,110	927 591,354	16,171	15,703	59	76	73 061	2 043,055	16 465,593	8,059	7,591
10	27	98 960	53 972,031	870 231,244	16,124	15,655	60	77	70 822	1 863,947	14 422,538	7,738	7,269
11	28	98 932	50 782,769	816 259,213	16,074	15,605	61	78	68 466	1 695,948	12 558,591	7,405	6,937
12	29	98 901	47 780,870	765 476,443	16,021	15,552	62	79	65 898	1 536,310	10 862,643	7,071	6,602
13	30	98 868	44 955,154	717 695,573	15,965	15,496	63	80	63 117	1 384,921	9 326,333	6,734	6,266
14	31	98 831	42 294,837	672 740,419	15,906	15,438	64	81	60 103	1 241,202	7 941,413	6,398	5,930
15	32	98 787	39 789,172	630 445,582	15,845	15,376	65	82	56 859	1 105,135	6 700,210	6,063	5,594
16	33	98 738	37 430,235	590 656,410	15,780	15,312	66	83	53 354	976,021	5 595,076	5,733	5,264
17	34	98 681	35 208,065	553 226,175	15,713	15,245	67	84	49 562	853,324	4 619,055	5,413	4,945
18	35	98 617	33 115,519	518 018,110	15,643	15,174	68	85	45 562	738,304	3 765,730	5,101	4,632
19	36	98 533	31 140,969	484 902,592	15,571	15,103	69	86	41 376	631,026	3 027,426	4,798	4,329
20	37	98 446	29 283,349	453 761,623	15,496	15,027	70	87	37 049	531,806	2 396,400	4,506	4,038
21	38	98 356	27 535,516	424 478,274	15,416	14,947	71	88	32 626	440,773	1 864,594	4,230	3,762
22	39	98 262	25 890,944	396 942,758	15,331	14,863	72	89	28 208	358,669	1 423,821	3,970	3,501
23	40	98 157	24 341,883	371 051,814	15,243	14,775	73	90	23 929	286,360	1 065,152	3,720	3,251
24	41	98 053	22 885,882	346 709,931	15,150	14,681	74	91	19 820	223,238	778,792	3,489	3,020
25	42	97 937	21 514,007	323 824,049	15,052	14,583	75	92	16 016	169,779	555,555	3,272	2,804
26	43	97 814	20 223,203	302 310,042	14,949	14,480	76	93	12 561	125,317	385,776	3,078	2,610
27	44	97 684	19 008,175	282 086,838	14,840	14,372	77	94	9 558	89,749	260,459	2,902	2,434
28	45	97 547	17 865,088	263 078,663	14,726	14,257	78	95	7 068	62,467	170,710	2,733	2,264
29	46	97 397	16 788,345	245 213,576	14,606	14,138	79	96	5 035	41,884	108,243	2,584	2,116
30	47	97 234	15 774,298	228 425,231	14,481	14,012	80	97	3 449	27,004	66,360	2,457	1,989
31	48	97 056	14 819,277	212 650,932	14,350	13,881	81	98	2 297	16,925	39,356	2,325	1,857
32	49	96 854	13 918,406	197 831,655	14,214	13,745	82	99	1 467	10,173	22,431	2,205	1,737
33	50	96 631	13 069,627	183 913,249	14,072	13,603	83	100	897	5,851	12,259	2,095	1,627
34	51	96 386	12 269,536	170 843,622	13,924	13,456							
35	52	96 118	11 515,721	158 574,086	13,770	13,302							
36	53	95 834	10 806,268	147 058,366	13,609	13,140							
37	54	95 512	10 136,437	136 252,097	13,442	12,973							
38	55	95 154	9 504,409	126 115,660	13,269	12,801							
39	56	94 761	8 908,425	116 611,251	13,090	12,622							
40	57	94 331	8 346,399	107 702,826	12,904	12,436							
41	58	93 861	7 816,242	99 356,427	12,712	12,243							
42	59	93 334	7 315,132	91 540,185	12,514	12,045							
43	60	92 770	6 843,229	84 225,053	12,308	11,839							
44	61	92 147	6 397,448	77 381,824	12,096	11,627							
45	62	91 473	5 977,111	70 984,377	11,876	11,408							
46	63	90 742	5 580,569	65 007,266	11,649	11,181							
47	64	89 943	5 206,033	59 426,697	11,415	10,947							
48	65	89 068	4 852,155	54 220,663	11,175	10,706							
49	66	88 123	4 518,249	49 368,509	10,926	10,458							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	1 634 264,346	16,416	15,948	50	68	86 279	4 163,518	43 560,945	10,463	9,994
1	19	99 198	93 363,057	1 534 712,914	16,438	15,970	51	69	85 125	3 866,156	39 397,427	10,190	9,722
2	20	99 158	87 835,437	1 441 349,857	16,410	15,941	52	70	83 841	3 583,853	35 531,270	9,914	9,446
3	21	99 129	82 644,120	1 353 514,421	16,378	15,909	53	71	82 458	3 317,391	31 947,418	9,630	9,162
4	22	99 100	77 760,275	1 270 870,301	16,343	15,875	54	72	80 951	3 065,219	28 630,027	9,340	8,872
5	23	99 072	73 165,513	1 193 110,025	16,307	15,839	55	73	79 342	2 827,556	25 564,808	9,041	8,573
6	24	99 047	68 844,139	1 119 944,512	16,268	15,799	56	74	77 570	2 601,810	22 737,252	8,739	8,271
7	25	99 022	64 778,007	1 051 100,373	16,226	15,758	57	75	75 677	2 388,987	20 135,442	8,428	7,960
8	26	98 993	60 949,759	986 322,366	16,183	15,714	58	76	73 630	2 187,643	17 746,455	8,112	7,644
9	27	98 968	57 349,887	925 372,607	16,136	15,667	59	77	71 443	1 997,804	15 558,812	7,788	7,320
10	28	98 939	53 960,711	868 022,720	16,086	15,618	60	78	69 127	1 819,327	13 561,008	7,454	6,986
11	29	98 908	50 770,684	814 062,009	16,034	15,566	61	79	66 604	1 649,805	11 741,681	7,117	6,649
12	30	98 877	47 769,080	763 291,326	15,979	15,510	62	80	63 868	1 488,979	10 091,876	6,778	6,309
13	31	98 840	44 942,441	715 522,246	15,921	15,453	63	81	60 892	1 336,086	8 602,897	6,439	5,971
14	32	98 799	42 281,218	670 579,805	15,860	15,392	64	82	57 674	1 191,039	7 266,811	6,101	5,633
15	33	98 754	39 775,806	628 298,586	15,796	15,328	65	83	54 186	1 053,191	6 075,772	5,769	5,301
16	34	98 704	37 417,125	588 522,780	15,729	15,260	66	84	50 409	922,149	5 022,581	5,447	4,978
17	35	98 643	35 194,623	551 105,655	15,659	15,190	67	85	46 401	798,892	4 100,432	5,133	4,664
18	36	98 571	33 100,056	515 911,032	15,586	15,118	68	86	42 204	683,896	3 301,540	4,828	4,359
19	37	98 486	31 126,119	482 810,976	15,511	15,043	69	87	37 847	577,213	2 617,644	4,535	4,067
20	38	98 397	29 268,563	451 684,857	15,432	14,964	70	88	33 378	479,107	2 040,431	4,259	3,790
21	39	98 302	27 520,258	422 416,294	15,349	14,881	71	89	28 930	390,832	1 561,324	3,995	3,527
22	40	98 198	25 874,098	394 896,036	15,262	14,794	72	90	24 575	312,470	1 170,492	3,746	3,278
23	41	98 095	24 326,472	369 021,938	15,170	14,701	73	91	20 409	244,231	858,022	3,513	3,045
24	42	97 981	22 869,108	344 695,466	15,073	14,604	74	92	16 532	186,196	613,791	3,296	2,828
25	43	97 858	21 496,648	321 826,358	14,971	14,503	75	93	13 006	137,870	427,595	3,101	2,633
26	44	97 727	20 205,090	300 329,710	14,864	14,396	76	94	9 930	99,068	289,725	2,925	2,456
27	45	97 591	18 990,196	280 124,620	14,751	14,283	77	95	7 365	69,155	190,657	2,757	2,289
28	46	97 442	17 845,871	261 134,424	14,633	14,164	78	96	5 271	46,585	121,502	2,608	2,140
29	47	97 282	16 768,464	243 288,553	14,509	14,040	79	97	3 629	30,185	74,917	2,482	2,014
30	48	97 108	15 753,802	226 520,089	14,379	13,910	80	98	2 433	19,045	44,732	2,349	1,880
31	49	96 909	14 796,795	210 766,287	14,244	13,776	81	99	1 564	11,525	25,688	2,229	1,760
32	50	96 690	13 894,967	195 969,492	14,104	13,635	82	100	963	6,681	14,163	2,120	1,652
33	51	96 453	13 045,528	182 074,525	13,957	13,488							
34	52	96 185	12 244,058	169 028,998	13,805	13,337							
35	53	95 906	11 490,335	156 784,940	13,645	13,177							
36	54	95 596	10 779,484	145 294,605	13,479	13,010							
37	55	95 249	10 108,519	134 515,121	13,307	12,839							
38	56	94 857	9 474,828	124 406,602	13,130	12,662							
39	57	94 441	8 878,300	114 931,774	12,945	12,477							
40	58	93 977	8 315,047	106 053,474	12,754	12,286							
41	59	93 469	7 783,620	97 738,426	12,557	12,089							
42	60	92 901	7 281,231	89 954,806	12,354	11,886							
43	61	92 294	6 808,145	82 673,575	12,143	11,675							
44	62	91 632	6 361,710	75 865,431	11,925	11,457							
45	63	90 913	5 940,519	69 503,720	11,700	11,232							
46	64	90 129	5 542,844	63 563,201	11,468	10,999							
47	65	89 277	5 167,463	58 020,357	11,228	10,760							
48	66	88 355	4 813,271	52 852,895	10,981	10,512							
49	67	87 351	4 478,679	48 039,624	10,726	10,258							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	1 631 775,408	16,394	15,926	50	69	85 399	4 121,033	42 211,259	10,243	9,775
1	20	99 182	93 347,711	1 532 240,136	16,414	15,946	51	70	84 142	3 821,517	38 090,225	9,967	9,499
2	21	99 142	87 821,060	1 438 892,424	16,384	15,916	52	71	82 788	3 538,869	34 268,709	9,684	9,215
3	22	99 112	82 630,087	1 351 071,365	16,351	15,882	53	72	81 318	3 271,563	30 729,840	9,393	8,925
4	23	99 083	77 747,229	1 268 441,277	16,315	15,847	54	73	79 741	3 019,400	27 458,277	9,094	8,626
5	24	99 056	73 153,546	1 190 694,049	16,277	15,808	55	74	78 014	2 780,234	24 438,876	8,790	8,322
6	25	99 031	68 832,830	1 117 540,502	16,236	15,767	56	75	76 159	2 554,478	21 658,643	8,479	8,010
7	26	99 002	64 765,413	1 048 707,672	16,192	15,724	57	76	74 154	2 340,920	19 104,165	8,161	7,693
8	27	98 975	60 938,896	983 942,259	16,146	15,678	58	77	71 999	2 139,189	16 763,245	7,836	7,368
9	28	98 947	57 337,858	923 003,363	16,098	15,629	59	78	69 733	1 949,980	14 624,055	7,500	7,031
10	29	98 915	53 947,869	865 665,506	16,046	15,578	60	79	67 246	1 769,828	12 674,076	7,161	6,693
11	30	98 884	50 758,155	811 717,637	15,992	15,524	61	80	64 552	1 598,978	10 904,248	6,820	6,351
12	31	98 849	47 755,571	760 959,482	15,934	15,466	62	81	61 616	1 436,475	9 305,270	6,478	6,009
13	32	98 808	44 927,969	713 203,910	15,874	15,406	63	82	58 431	1 282,088	7 868,795	6,137	5,669
14	33	98 766	42 267,016	668 275,941	15,811	15,342	64	83	54 963	1 135,057	6 586,708	5,803	5,335
15	34	98 719	39 761,876	626 008,925	15,744	15,276	65	84	51 195	995,059	5 451,650	5,479	5,010
16	35	98 666	37 402,840	586 247,050	15,674	15,206	66	85	47 194	863,327	4 456,591	5,162	4,694
17	36	98 597	35 178,189	548 844,210	15,602	15,133	67	86	42 982	740,019	3 593,264	4,856	4,387
18	37	98 524	33 084,272	513 666,021	15,526	15,058	68	87	38 605	625,574	2 853,245	4,561	4,093
19	38	98 436	31 110,402	480 581,749	15,448	14,979	69	88	34 097	520,014	2 227,671	4,284	3,816
20	39	98 342	29 252,345	449 471,346	15,365	14,897	70	89	29 596	424,822	1 707,657	4,020	3,551
21	40	98 238	27 502,353	420 219,001	15,279	14,811	71	90	25 203	340,490	1 282,835	3,768	3,299
22	41	98 136	25 857,716	392 716,649	15,188	14,719	72	91	20 960	266,500	942,344	3,536	3,068
23	42	98 023	24 308,642	366 858,932	15,092	14,623	73	92	17 022	203,706	675,844	3,318	2,849
24	43	97 902	22 850,656	342 550,291	14,991	14,522	74	93	15,201	151,201	472,138	3,123	2,654
25	44	97 770	21 477,394	319 699,635	14,885	14,417	75	94	10 282	108,992	320,936	2,945	2,476
26	45	97 634	20 185,979	298 222,241	14,774	14,305	76	95	7 651	76,336	211,945	2,776	2,308
27	46	97 486	18 969,769	278 036,262	14,657	14,188	77	96	5 492	51,572	135,608	2,629	2,161
28	47	97 327	17 824,738	259 066,493	14,534	14,066	78	97	3 799	33,573	84,036	2,503	2,035
29	48	97 156	16 746,676	241 241,755	14,405	13,937	79	98	2 559	21,288	50,463	2,370	1,902
30	49	96 960	15 729,901	224 495,079	14,272	13,804	80	99	1 657	12,969	29,175	2,250	1,781
31	50	96 746	14 771,876	208 765,178	14,133	13,664	81	100	1 027	7,569	16,206	2,141	1,673
32	51	96 512	13 869,346	193 993,302	13,987	13,519							
33	52	96 253	13 018,439	180 123,956	13,836	13,368							
34	53	95 973	12 217,067	167 105,517	13,678	13,210							
35	54	95 668	11 461,855	154 888,450	13,513	13,045							
36	55	95 333	10 749,794	143 426,595	13,342	12,874							
37	56	94 952	10 077,057	132 676,800	13,166	12,698							
38	57	94 537	9 442,788	122 599,743	12,983	12,515							
39	58	94 086	8 844,951	113 156,955	12,793	12,325							
40	59	93 585	8 280,344	104 312,005	12,598	12,129							
41	60	93 036	7 747,547	96 031,661	12,395	11,927							
42	61	92 425	7 243,901	88 284,113	12,187	11,719							
43	62	91 778	6 770,113	81 040,212	11,970	11,502							
44	63	91 071	6 322,764	74 270,099	11,746	11,278							
45	64	90 299	5 900,360	67 947,334	11,516	11,047							
46	65	89 461	5 501,778	62 046,974	11,278	10,809							
47	66	88 561	5 126,052	56 545,196	11,031	10,563							
48	67	87 581	4 771,118	51 419,144	10,777	10,309							
49	68	86 534	4 436,768	46 648,026	10,514	10,046							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	1 629 125,479	16,370	15,902	50	70	84 413	4 073,451	40 801,033	10,016	9,548
1	21	99 166	93 332,432	1 529 606,567	16,389	15,920	51	71	83 086	3 773,550	36 727,582	9,733	9,265
2	22	99 125	87 806,148	1 436 274,135	16,357	15,889	52	72	81 645	3 489,981	32 954,033	9,442	8,974
3	23	99 095	82 616,224	1 348 467,987	16,322	15,854	53	73	80 103	3 222,660	29 464,051	9,143	8,674
4	24	99 067	77 734,513	1 265 851,763	16,284	15,816	54	74	78 407	2 968,868	26 241,391	8,839	8,371
5	25	99 040	73 141,529	1 188 117,251	16,244	15,776	55	75	76 595	2 729,655	23 272,524	8,526	8,057
6	26	99 011	68 819,448	1 114 975,721	16,201	15,733	56	76	74 627	2 503,082	20 542,868	8,207	7,739
7	27	98 985	64 753,869	1 046 156,273	16,156	15,688	57	77	72 512	2 289,072	18 039,787	7,881	7,412
8	28	98 954	60 926,114	981 402,404	16,108	15,640	58	78	70 276	2 087,981	15 750,715	7,544	7,075
9	29	98 923	57 324,212	920 476,290	16,057	15,589	59	79	67 836	1 896,925	13 662,734	7,203	6,734
10	30	98 891	53 934,556	863 152,078	16,004	15,535	60	80	65 174	1 715,302	11 765,809	6,859	6,391
11	31	98 856	50 743,802	809 217,522	15,947	15,479	61	81	62 276	1 542,595	10 050,507	6,515	6,047
12	32	98 817	47 740,194	758 473,720	15,888	15,419	62	82	59 126	1 378,419	8 507,912	6,172	5,704
13	33	98 775	44 912,878	710 733,526	15,825	15,356	63	83	55 684	1 221,827	7 129,492	5,835	5,367
14	34	98 731	42 252,213	665 820,648	15,758	15,290	64	84	51 929	1 072,407	5 907,665	5,509	5,040
15	35	98 681	39 746,695	623 568,436	15,689	15,220	65	85	47 930	931,586	4 835,258	5,190	4,722
16	36	98 620	37 385,375	583 821,741	15,616	15,148	66	86	43 716	799,705	3 903,672	4,881	4,413
17	37	98 550	35 161,414	546 436,366	15,541	15,072	67	87	39 316	676,911	3 103,967	4,585	4,117
18	38	98 474	33 067,567	511 274,952	15,462	14,993	68	88	34 780	563,583	2 427,056	4,306	3,838
19	39	98 382	31 093,164	478 207,385	15,380	14,911	69	89	30 233	461,095	1 863,473	4,041	3,573
20	40	98 278	29 233,312	447 114,221	15,295	14,826	70	90	25 784	370,102	1 402,378	3,789	3,321
21	41	98 175	27 484,940	417 880,909	15,204	14,736	71	91	21 496	290,398	1 032,276	3,555	3,086
22	42	98 064	25 838,764	390 395,969	15,109	14,641	72	92	17 482	222,280	741,878	3,338	2,869
23	43	97 944	24 289,028	364 557,205	15,009	14,541	73	93	13 823	165,421	519,597	3,141	2,673
24	44	97 815	22 830,189	340 268,177	14,904	14,436	74	94	10 613	119,531	354,177	2,963	2,495
25	45	97 677	21 457,080	317 437,988	14,794	14,326	75	95	7 922	83,983	234,646	2,794	2,326
26	46	97 529	20 164,265	295 980,909	14,678	14,210	76	96	5 706	56,928	150,663	2,647	2,178
27	47	97 371	18 947,305	275 816,643	14,557	14,089	77	97	3 958	37,168	93,735	2,522	2,054
28	48	97 201	17 801,577	256 869,338	14,430	13,961	78	98	2 679	23,678	56,568	2,389	1,921
29	49	97 008	16 721,269	239 067,761	14,297	13,829	79	99	1 743	14,497	32,890	2,269	1,800
30	50	96 797	15 703,411	222 346,491	14,159	13,691	80	100	1 088	8,517	18,393	2,160	1,691
31	51	96 568	14 744,638	206 643,080	14,015	13,546							
32	52	96 312	13 840,546	191 898,442	13,865	13,397							
33	53	96 041	12 989,740	178 057,896	13,708	13,239							
34	54	95 736	12 186,786	165 068,155	13,545	13,076							
35	55	95 405	11 430,286	152 881,370	13,375	12,907							
36	56	95 036	10 716,337	141 451,083	13,200	12,731							
37	57	94 631	10 042,981	130 734,746	13,018	12,549							
38	58	94 181	9 407,318	120 691,765	12,830	12,361							
39	59	93 693	8 808,036	111 284,447	12,634	12,166							
40	60	93 151	8 241,969	102 476,412	12,433	11,965							
41	61	92 559	7 707,827	94 234,443	12,226	11,757							
42	62	91 908	7 203,435	86 526,615	12,012	11,543							
43	63	91 217	6 728,667	79 323,180	11,789	11,320							
44	64	90 455	6 280,021	72 594,513	11,560	11,091							
45	65	89 630	5 856,646	66 314,492	11,323	10,855							
46	66	88 744	5 457,688	60 457,846	11,078	10,609							
47	67	87 786	5 081,160	55 000,157	10,824	10,356							
48	68	86 761	4 726,470	49 918,998	10,562	10,093							
49	69	85 651	4 391,495	45 192,528	10,291	9,823							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	1 626 304,895	16,344	15,876	50	71	83 353	4 022,322	39 332,199	9,778	9,310
1	22	99 149	93 316,584	1 526 802,273	16,362	15,893	51	72	81 938	3 721,420	35 309,877	9,488	9,020
2	23	99 108	87 791,416	1 433 485,688	16,328	15,860	52	73	80 424	3 437,813	31 588,457	9,189	8,720
3	24	99 079	82 602,711	1 345 694,272	16,291	15,823	53	74	78 762	3 168,725	28 150,643	8,884	8,416
4	25	99 051	77 721,743	1 263 091,561	16,251	15,783	54	75	76 980	2 914,858	24 981,918	8,571	8,102
5	26	99 020	73 127,310	1 185 369,818	16,210	15,741	55	76	75 054	2 674,735	22 067,060	8,250	7,782
6	27	98 994	68 807,182	1 112 242,508	16,165	15,696	56	77	72 974	2 447,641	19 392,326	7,923	7,455
7	28	98 964	64 740,288	1 043 435,326	16,117	15,649	57	78	70 776	2 234,275	16 944,684	7,584	7,116
8	29	98 931	60 911,614	978 695,039	16,067	15,599	58	79	68 364	2 031,172	14 710,409	7,242	6,774
9	30	98 899	57 310,066	917 783,425	16,014	15,546	59	80	65 746	1 838,484	12 679,238	6,897	6,428
10	31	98 863	53 919,304	860 473,359	15,959	15,490	60	81	62 876	1 654,818	10 840,753	6,551	6,083
11	32	98 824	50 727,462	806 554,054	15,900	15,431	61	82	59 759	1 480,251	9 185,935	6,206	5,737
12	33	98 784	47 724,158	755 826,592	15,837	15,369	62	83	56 347	1 313,631	7 705,685	5,866	5,398
13	34	98 740	44 897,148	708 102,435	15,772	15,303	63	84	52 611	1 154,387	6 392,054	5,537	5,069
14	35	98 694	42 236,081	663 205,287	15,702	15,234	64	85	48 617	1 004,000	5 237,667	5,217	4,748
15	36	98 635	39 728,136	620 969,206	15,630	15,162	65	86	44 398	862,934	4 233,667	4,906	4,438
16	37	98 573	37 367,548	581 241,070	15,555	15,086	66	87	39 988	731,507	3 370,733	4,608	4,140
17	38	98 501	35 143,660	543 873,523	15,476	15,007	67	88	35 420	609,833	2 639,225	4,328	3,859
18	39	98 420	33 049,244	508 729,863	15,393	14,925	68	89	30 839	499,727	2 029,392	4,061	3,593
19	40	98 318	31 072,933	475 680,619	15,309	14,840	69	90	26 339	401,703	1 529,665	3,808	3,340
20	41	98 216	29 214,804	444 607,686	15,219	14,750	70	91	21 991	315,654	1 127,963	3,573	3,105
21	42	98 103	27 464,795	415 392,882	15,125	14,656	71	92	17 929	242,213	812,309	3,354	2,885
22	43	97 985	25 817,916	387 928,087	15,026	14,557	72	93	14 196	180,504	570,096	3,158	2,690
23	44	97 856	24 267,273	362 110,171	14,922	14,453	73	94	10 928	130,772	389,592	2,979	2,511
24	45	97 722	22 808,595	337 842,898	14,812	14,344	74	95	8 177	92,104	258,820	2,810	2,342
25	46	97 572	21 433,999	315 034,303	14,698	14,230	75	96	5 908	62,630	166,716	2,662	2,194
26	47	97 414	20 140,387	293 600,304	14,578	14,109	76	97	4 112	41,027	104,086	2,537	2,069
27	48	97 244	18 922,686	273 459,917	14,451	13,983	77	98	2 792	26,213	63,060	2,406	1,937
28	49	97 053	17 774,570	254 537,231	14,320	13,852	78	99	1 824	16,124	36,847	2,285	1,817
29	50	96 845	16 693,110	236 762,661	14,183	13,715	79	100	1 145	9,521	20,723	2,177	1,708
30	51	96 619	15 674,456	220 069,552	14,040	13,572							
31	52	96 367	14 714,021	204 395,096	13,891	13,423							
32	53	96 099	13 810,036	189 681,075	13,735	13,267							
33	54	95 803	12 957,544	175 871,039	13,573	13,105							
34	55	95 472	12 153,220	162 913,495	13,405	12,937							
35	56	95 108	11 394,711	150 760,275	13,231	12,762							
36	57	94 715	10 680,099	139 365,564	13,049	12,581							
37	58	94 276	10 005,256	128 685,465	12,862	12,393							
38	59	93 788	9 368,056	118 680,209	12,669	12,200							
39	60	93 259	8 767,215	109 312,153	12,468	12,000							
40	61	92 674	8 199,714	100 544,938	12,262	11,794							
41	62	92 042	7 664,770	92 345,224	12,048	11,580							
42	63	91 346	7 159,337	84 680,454	11,828	11,360							
43	64	90 600	6 683,180	77 521,117	11,599	11,131							
44	65	89 785	6 233,494	70 837,937	11,364	10,896							
45	66	88 911	5 809,712	64 604,443	11,120	10,652							
46	67	87 967	5 409,891	58 794,731	10,868	10,400							
47	68	86 964	5 033,610	53 384,840	10,606	10,137							
48	69	85 876	4 678,241	48 351,229	10,335	9,867							
49	70	84 662	4 340,789	43 672,988	10,061	9,593							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	1 623 303,131	16,317	15,849	50	72	82 202	3 966,756	37 805,199	9,531	9,062
1	23	99 132	93 300,928	1 523 817,404	16,332	15,864	51	73	80 713	3 665,793	33 838,443	9,231	8,763
2	24	99 092	87 777,057	1 430 516,476	16,297	15,829	52	74	79 078	3 380,278	30 172,650	8,926	8,458
3	25	99 063	82 589,142	1 342 739,419	16,258	15,790	53	75	77 329	3 111,079	26 792,372	8,612	8,144
4	26	99 032	77 706,633	1 260 150,277	16,217	15,748	54	76	75 432	2 856,211	23 681,293	8,291	7,823
5	27	99 003	73 114,276	1 182 443,644	16,173	15,704	55	77	73 391	2 615,493	20 825,082	7,962	7,494
6	28	98 973	68 792,750	1 109 329,369	16,126	15,657	56	78	71 227	2 389,049	18 209,590	7,622	7,154
7	29	98 940	64 724,880	1 040 536,619	16,076	15,608	57	79	68 850	2 173,486	15 820,541	7,279	6,811
8	30	98 906	60 896,583	975 811,739	16,024	15,556	58	80	66 257	1 968,595	13 647,055	6,932	6,464
9	31	98 871	57 293,860	914 915,156	15,969	15,500	59	81	63 427	1 773,657	11 678,460	6,584	6,116
10	32	98 831	53 901,942	857 621,296	15,911	15,442	60	82	60 335	1 587,938	9 904,804	6,238	5,769
11	33	98 791	50 710,422	803 719,354	15,849	15,381	61	83	56 950	1 410,676	8 316,866	5,896	5,427
12	34	98 749	47 707,443	753 008,932	15,784	15,316	62	84	53 236	1 241,124	6 906,190	5,564	5,096
13	35	98 703	44 880,007	705 301,488	15,715	15,247	63	85	49 255	1 080,751	5 665,067	5,242	4,773
14	36	98 647	42 216,359	660 421,482	15,644	15,175	64	86	45 034	930,012	4 584,316	4,929	4,461
15	37	98 588	39 709,191	618 205,122	15,568	15,100	65	87	40 611	789,344	3 654,304	4,630	4,161
16	38	98 523	37 348,633	578 495,931	15,489	15,021	66	88	36 025	659,019	2 864,959	4,347	3,879
17	39	98 446	35 124,187	541 147,252	15,407	14,938	67	89	31 407	540,736	2 205,941	4,080	3,611
18	40	98 356	33 027,740	506 023,065	15,321	14,853	68	90	26 867	435,359	1 665,204	3,825	3,357
19	41	98 256	31 053,260	472 995,325	15,232	14,763	69	91	22 464	342,605	1 229,845	3,590	3,121
20	42	98 144	29 193,391	441 942,065	15,138	14,670	70	92	18 342	263,278	887,240	3,370	2,902
21	43	98 024	27 442,635	412 748,674	15,040	14,572	71	93	14 559	196,690	623,962	3,172	2,704
22	44	97 897	25 794,791	385 306,039	14,937	14,469	72	94	11 223	142,696	427,272	2,994	2,526
23	45	97 763	24 244,319	359 511,248	14,829	14,360	73	95	8 420	100,765	284,576	2,824	2,356
24	46	97 617	22 784,060	335 266,928	14,715	14,247	74	96	6 098	68,686	183,811	2,676	2,208
25	47	97 457	21 408,617	312 482,868	14,596	14,128	75	97	4 258	45,137	115,125	2,551	2,082
26	48	97 287	20 114,217	291 074,251	14,471	14,003	76	98	2 900	28,935	69,988	2,419	1,950
27	49	97 097	18 893,978	270 960,033	14,341	13,873	77	99	1 901	17,850	41,054	2,300	1,832
28	50	96 890	17 744,636	252 066,055	14,205	13,737	78	100	1 198	10,589	23,203	2,191	1,723
29	51	96 666	16 662,329	234 321,419	14,063	13,595							
30	52	96 418	15 641,908	217 659,090	13,915	13,447							
31	53	96 155	14 681,585	202 017,182	13,760	13,292							
32	54	95 861	13 775,807	187 335,597	13,599	13,131							
33	55	95 539	12 921,856	173 559,790	13,431	12,963							
34	56	95 175	12 115,395	160 637,935	13,259	12,791							
35	57	94 786	11 356,179	148 522,540	13,079	12,610							
36	58	94 359	10 639,981	137 166,361	12,892	12,423							
37	59	93 882	9 963,499	126 526,380	12,699	12,231							
38	60	93 354	9 324,640	116 562,881	12,501	12,032							
39	61	92 781	8 722,267	107 238,241	12,295	11,826							
40	62	92 156	8 153,909	98 515,974	12,082	11,614							
41	63	91 478	7 617,847	90 362,065	11,862	11,394							
42	64	90 728	7 110,938	82 744,218	11,636	11,168							
43	65	89 929	6 633,666	75 633,280	11,401	10,933							
44	66	89 066	6 183,541	68 999,614	11,159	10,690							
45	67	88 133	5 758,832	62 816,074	10,908	10,439							
46	68	87 144	5 359,266	57 057,242	10,646	10,178							
47	69	86 077	4 982,248	51 697,976	10,376	9,908							
48	70	84 884	4 624,225	46 715,728	10,102	9,634							
49	71	83 599	4 286,305	42 091,504	9,820	9,352							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	1 620 109,760	16,288	15,819	50	73	80 973	3 907,461	36 221,496	9,270	8,801
1	24	99 116	93 285,668	1 520 640,724	16,301	15,833	51	74	79 362	3 604,442	32 314,035	8,965	8,497
2	25	99 076	87 762,638	1 427 355,056	16,264	15,795	52	75	77 640	3 318,784	28 709,593	8,651	8,182
3	26	99 043	82 573,086	1 339 592,419	16,223	15,755	53	76	75 774	3 048,485	25 390,809	8,329	7,861
4	27	99 014	77 692,782	1 257 019,333	16,179	15,711	54	77	73 761	2 792,949	22 342,325	8,000	7,531
5	28	98 982	73 098,940	1 179 326,550	16,133	15,665	55	78	71 635	2 552,882	19 549,376	7,658	7,189
6	29	98 949	68 776,378	1 106 227,610	16,084	15,616	56	79	69 289	2 324,049	16 996,494	7,313	6,845
7	30	98 916	64 708,908	1 037 451,233	16,033	15,564	57	80	66 729	2 106,524	14 672,445	6,965	6,497
8	31	98 878	60 879,362	972 742,324	15,978	15,510	58	81	63 921	1 899,179	12 565,921	6,617	6,148
9	32	98 839	57 275,411	911 862,962	15,921	15,452	59	82	60 864	1 701,974	10 666,742	6,267	5,799
10	33	98 798	53 883,836	854 587,551	15,860	15,391	60	83	57 499	1 513,301	8 964,768	5,924	5,456
11	34	98 756	50 692,662	800 703,715	15,795	15,327	61	84	53 806	1 332,812	7 451,467	5,591	5,122
12	35	98 711	47 689,229	750 011,053	15,727	15,259	62	85	49 841	1 161,955	6 118,655	5,266	4,797
13	36	98 657	44 859,050	702 321,824	15,656	15,188	63	86	45 625	1 001,106	4 956,700	4,951	4,483
14	37	98 600	42 196,228	657 462,774	15,581	15,113	64	87	41 194	850,702	3 955,594	4,650	4,181
15	38	98 538	39 689,140	615 266,545	15,502	15,034	65	88	36 587	711,125	3 104,892	4,366	3,898
16	39	98 469	37 327,984	575 577,405	15,419	14,951	66	89	31 943	584,349	2 393,767	4,096	3,628
17	40	98 382	35 101,333	538 249,421	15,334	14,866	67	90	27 361	471,086	1 809,418	3,841	3,373
18	41	98 293	33 006,830	503 148,087	15,244	14,775	68	91	22 914	371,310	1 338,332	3,604	3,136
19	42	98 184	31 030,500	470 141,258	15,151	14,683	69	92	18 737	285,758	967,022	3,384	2,916
20	43	98 065	29 169,836	439 110,758	15,054	14,585	70	93	14 894	213,796	681,264	3,187	2,718
21	44	97 936	27 418,055	409 940,922	14,951	14,483	71	94	11 510	155,492	467,468	3,006	2,538
22	45	97 804	25 770,393	382 522,867	14,844	14,375	72	95	8 648	109,953	311,976	2,837	2,369
23	46	97 658	24 218,241	356 752,474	14,731	14,262	73	96	6 279	75,145	202,023	2,688	2,220
24	47	97 501	22 757,080	332 534,233	14,612	14,144	74	97	4 395	49,501	126,878	2,563	2,095
25	48	97 330	21 380,799	309 777,153	14,489	14,020	75	98	3 003	31,833	77,377	2,431	1,962
26	49	97 140	20 083,702	288 396,354	14,360	13,891	76	99	1 975	19,704	45,544	2,311	1,843
27	50	96 933	18 862,159	268 312,652	14,225	13,757	77	100	1 248	11,723	25,840	2,204	1,736
28	51	96 711	17 711,917	249 450,493	14,084	13,615							
29	52	96 466	16 627,730	231 738,576	13,937	13,469							
30	53	96 205	15 607,426	215 110,846	13,783	13,314							
31	54	95 916	14 645,195	199 503,419	13,622	13,154							
32	55	95 597	13 737,864	184 858,224	13,456	12,988							
33	56	95 241	12 881,638	171 120,360	13,284	12,816							
34	57	94 853	12 074,425	158 238,722	13,105	12,637							
35	58	94 430	11 313,522	146 164,296	12,919	12,451							
36	59	93 965	10 595,574	134 850,775	12,727	12,259							
37	60	93 447	9 917,323	124 255,200	12,529	12,061							
38	61	92 875	9 276,835	114 337,877	12,325	11,857							
39	62	92 262	8 673,543	105 061,043	12,113	11,644							
40	63	91 592	8 103,991	96 387,500	11,894	11,425							
41	64	90 860	7 566,349	88 283,508	11,668	11,200							
42	65	90 056	7 058,255	80 717,159	11,436	10,967							
43	66	89 208	6 580,506	73 658,905	11,194	10,725							
44	67	88 286	6 129,387	67 078,399	10,944	10,475							
45	68	87 308	5 704,942	60 949,013	10,684	10,215							
46	69	86 255	5 304,580	55 244,071	10,414	9,946							
47	70	85 083	4 924,721	49 939,491	10,141	9,672							
48	71	83 819	4 566,182	45 014,770	9,858	9,390							
49	72	82 444	4 227,092	40 448,587	9,569	9,101							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	1 616 712,879	16,256	15,788	50	74	79 618	3 842,065	34 581,935	9,001	8,533
1	25	99 100	93 270,344	1 517 260,112	16,267	15,799	51	75	77 918	3 538,869	30 739,869	8,686	8,218
2	26	99 057	87 745,576	1 423 989,768	16,229	15,760	52	76	76 078	3 252,010	27 201,000	8,364	7,896
3	27	99 026	82 558,368	1 336 244,193	16,185	15,717	53	77	74 095	2 980,964	23 948,990	8,034	7,566
4	28	98 993	77 676,487	1 253 685,825	16,140	15,671	54	78	71 995	2 726,090	20 968,026	7,692	7,223
5	29	98 958	73 081,543	1 176 009,338	16,092	15,623	55	79	69 686	2 483,424	18 241,936	7,345	6,877
6	30	98 925	68 759,406	1 102 927,795	16,040	15,572	56	80	67 155	2 252,448	15 758,512	6,996	6,528
7	31	98 888	64 690,609	1 034 168,389	15,986	15,518	57	81	64 376	2 032,245	13 506,063	6,646	6,178
8	32	98 847	60 859,759	969 477,779	15,930	15,461	58	82	61 338	1 822,423	11 473,818	6,296	5,828
9	33	98 806	57 256,172	908 618,020	15,869	15,401	59	83	58 003	1 621,977	9 651,395	5,950	5,482
10	34	98 763	53 864,964	851 361,848	15,805	15,337	60	84	54 325	1 429,773	8 029,418	5,616	5,148
11	35	98 718	50 673,308	797 496,884	15,738	15,270	61	85	50 374	1 247,795	6 599,645	5,289	4,821
12	36	98 665	47 666,961	746 823,576	15,668	15,199	62	86	46 168	1 076,326	5 351,850	4,972	4,504
13	37	98 610	44 837,659	699 156,615	15,593	15,125	63	87	41 734	915,734	4 275,524	4,669	4,201
14	38	98 551	42 174,922	654 318,956	15,514	15,046	64	88	37 111	766,402	3 359,790	4,384	3,915
15	39	98 484	39 667,148	612 144,034	15,432	14,964	65	89	32 442	630,551	2 593,389	4,113	3,645
16	40	98 404	37 303,697	572 476,886	15,346	14,878	66	90	27 829	509,081	1 962,837	3,856	3,387
17	41	98 320	35 079,110	535 173,189	15,256	14,788	67	91	23 336	401,781	1 453,756	3,618	3,150
18	42	98 221	32 982,637	500 094,079	15,162	14,694	68	92	19 112	309,699	1 051,975	3,397	2,928
19	43	98 104	31 005,463	467 111,442	15,065	14,597	69	93	15 215	232,051	742,275	3,199	2,730
20	44	97 977	29 143,709	436 105,979	14,964	14,496	70	94	11 775	169,015	510,225	3,019	2,550
21	45	97 844	27 392,122	406 962,270	14,857	14,389	71	95	8 869	119,813	341,210	2,848	2,379
22	46	97 699	25 742,673	379 570,148	14,745	14,276	72	96	6 449	81,997	221,397	2,700	2,232
23	47	97 542	24 189,562	353 827,476	14,627	14,159	73	97	4 525	54,156	139,400	2,574	2,106
24	48	97 375	22 727,510	329 637,914	14,504	14,036	74	98	3 100	34,911	85,243	2,442	1,973
25	49	97 182	21 348,362	306 910,404	14,376	13,908	75	99	2 045	21,677	50,332	2,322	1,854
26	50	96 976	20 049,880	285 562,041	14,243	13,774	76	100	1 297	12,940	28,655	2,214	1,746
27	51	96 755	18 827,379	265 512,162	14,102	13,634							
28	52	96 510	17 675,138	246 684,782	13,957	13,488							
29	53	96 253	16 591,075	229 009,644	13,803	13,335							
30	54	95 967	15 568,742	212 418,569	13,644	13,176							
31	55	95 652	14 604,859	196 849,827	13,478	13,010							
32	56	95 300	13 695,107	182 244,968	13,307	12,839							
33	57	94 919	12 838,078	168 549,861	13,129	12,661							
34	58	94 497	12 029,070	155 711,784	12,945	12,476							
35	59	94 036	11 266,304	143 682,714	12,753	12,285							
36	60	93 530	10 546,470	132 416,410	12,556	12,087							
37	61	92 968	9 866,479	121 869,940	12,352	11,884							
38	62	92 356	9 225,012	112 003,461	12,141	11,673							
39	63	91 698	8 620,444	102 778,449	11,923	11,454							
40	64	90 973	8 049,207	94 158,004	11,698	11,229							
41	65	90 187	7 510,291	86 108,797	11,465	10,997							
42	66	89 334	7 001,692	78 598,506	11,226	10,757							
43	67	88 427	6 522,875	71 596,814	10,976	10,508							
44	68	87 460	6 072,028	65 073,939	10,717	10,249							
45	69	86 417	5 646,728	59 001,911	10,449	9,981							
46	70	85 259	5 243,332	53 355,182	10,176	9,707							
47	71	84 015	4 862,907	48 111,851	9,894	9,425							
48	72	82 661	4 503,103	43 248,943	9,604	9,136							
49	73	81 212	4 163,906	38 745,841	9,305	8,837							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	1 613 099,643	16,222	15,754	50	75	78 170	3 772,170	32 889,986	8,719	8,251
1	26	99 080	93 252,211	1 513 663,213	16,232	15,764	51	76	76 351	3 467,667	29 117,816	8,397	7,929
2	27	99 039	87 729,936	1 420 411,003	16,191	15,722	52	77	74 393	3 179,982	25 650,149	8,066	7,598
3	28	99 005	82 541,052	1 332 681,067	16,146	15,677	53	78	72 322	2 909,605	22 470,167	7,723	7,254
4	29	98 970	77 658,000	1 250 140,015	16,098	15,630	54	79	70 036	2 651,920	19 560,563	7,376	6,908
5	30	98 934	73 063,509	1 172 482,015	16,047	15,579	55	80	67 539	2 406,914	16 908,643	7,025	6,557
6	31	98 897	68 739,962	1 099 418,505	15,994	15,526	56	81	64 787	2 173,024	14 501,729	6,674	6,205
7	32	98 856	64 669,779	1 030 678,543	15,938	15,469	57	82	61 774	1 950,111	12 328,705	6,322	5,854
8	33	98 813	60 839,316	966 008,765	15,878	15,410	58	83	58 455	1 736,765	10 378,594	5,976	5,507
9	34	98 771	57 236,119	905 169,449	15,815	15,346	59	84	54 802	1 532,451	8 641,828	5,639	5,171
10	35	98 726	53 844,399	847 933,330	15,748	15,279	60	85	50 860	1 338,571	7 109,378	5,311	4,843
11	36	98 672	50 649,646	794 088,931	15,678	15,210	61	86	46 662	1 155,840	5 770,807	4,993	4,524
12	37	98 618	47 644,231	743 439,284	15,604	15,136	62	87	42 231	984,538	4 614,967	4,687	4,219
13	38	98 560	44 815,019	695 795,054	15,526	15,058	63	88	37 599	824,989	3 630,428	4,401	3,932
14	39	98 496	42 151,553	650 980,034	15,444	14,975	64	89	32 907	679,565	2 805,439	4,128	3,660
15	40	98 420	39 641,339	608 828,482	15,358	14,890	65	90	28 263	549,332	2 125,874	3,870	3,402
16	41	98 342	37 280,030	569 187,143	15,268	14,800	66	91	23 735	434,187	1 576,542	3,631	3,163
17	42	98 248	35 053,399	531 907,064	15,174	14,706	67	92	19 464	335,115	1 142,355	3,409	2,940
18	43	98 142	32 956,025	496 853,665	15,076	14,608	68	93	15 520	251,493	807,240	3,210	2,741
19	44	98 016	30 977,691	463 897,640	14,975	14,507	69	94	12 028	183,446	555,748	3,029	2,561
20	45	97 884	29 116,144	432 919,949	14,869	14,400	70	95	9 073	130,233	372,302	2,859	2,390
21	46	97 739	27 362,657	403 803,805	14,757	14,289	71	96	6 614	89,350	242,069	2,709	2,241
22	47	97 583	25 712,189	376 441,148	14,641	14,172	72	97	4 648	59,094	152,719	2,584	2,116
23	48	97 416	24 158,131	350 728,960	14,518	14,050	73	98	3 192	38,194	93,624	2,451	1,983
24	49	97 227	22 693,030	326 570,829	14,391	13,922	74	99	2 111	23,774	55,430	2,332	1,863
25	50	97 019	21 312,410	303 877,799	14,258	13,790	75	100	1 343	14,237	31,656	2,224	1,755
26	51	96 797	20 012,910	282 565,389	14,119	13,651							
27	52	96 554	18 788,284	262 552,479	13,974	13,506							
28	53	96 297	17 636,175	243 764,195	13,822	13,353							
29	54	96 014	16 549,953	226 128,020	13,663	13,195							
30	55	95 703	15 525,861	209 578,067	13,499	13,030							
31	56	95 354	14 559,403	194 052,206	13,328	12,860							
32	57	94 977	13 648,796	179 492,803	13,151	12,682							
33	58	94 563	12 789,854	165 844,007	12,967	12,498							
34	59	94 102	11 978,866	153 054,153	12,777	12,309							
35	60	93 600	11 214,091	141 075,287	12,580	12,112							
36	61	93 050	10 492,400	129 861,197	12,377	11,908							
37	62	92 449	9 811,363	119 368,797	12,166	11,698							
38	63	91 791	9 168,538	109 557,434	11,949	11,481							
39	64	91 078	8 562,168	100 388,896	11,725	11,256							
40	65	90 299	7 989,572	91 826,727	11,493	11,025							
41	66	89 464	7 450,106	83 837,155	11,253	10,785							
42	67	88 552	6 940,373	76 387,049	11,006	10,538							
43	68	87 599	6 461,835	69 446,677	10,747	10,279							
44	69	86 567	6 010,069	62 984,842	10,480	10,012							
45	70	85 419	5 581,530	56 974,773	10,208	9,739							
46	71	84 189	5 177,519	51 393,243	9,926	9,458							
47	72	82 854	4 795,729	46 215,724	9,637	9,168							
48	73	81 425	4 435,791	41 419,996	9,338	8,869							
49	74	79 853	4 094,218	36 984,205	9,033	8,565							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	4 553,329	58 923,375	12,941	12,472
1	0	99 661	93 798,967	1 560 378,089	16,635	16,167	51	50	93 896	4 264,521	54 370,047	12,749	12,281
2	1	99 349	88 004,809	1 466 579,122	16,665	16,196	52	51	93 387	3 991,932	50 105,525	12,552	12,083
3	2	99 314	82 798,618	1 378 574,313	16,650	16,181	53	52	92 821	3 734,329	46 113,593	12,349	11,880
4	3	99 289	77 908,634	1 295 775,696	16,632	16,164	54	53	92 198	3 491,085	42 379,264	12,139	11,671
5	4	99 268	73 310,097	1 217 867,061	16,613	16,144	55	54	91 509	3 261,167	38 888,180	11,925	11,456
6	5	99 250	68 985,117	1 144 556,964	16,591	16,123	56	55	90 738	3 043,474	35 627,012	11,706	11,238
7	6	99 234	64 916,912	1 075 571,847	16,568	16,100	57	56	89 883	2 837,444	32 583,539	11,483	11,015
8	7	99 217	61 087,872	1 010 654,935	16,544	16,076	58	57	88 946	2 642,690	29 746,094	11,256	10,788
9	8	99 205	57 487,350	949 567,064	16,518	16,049	59	58	87 927	2 458,755	27 103,405	11,023	10,555
10	9	99 190	54 097,500	892 079,713	16,490	16,022	60	59	86 799	2 284,440	24 644,649	10,788	10,320
11	10	99 177	50 908,796	837 982,213	16,460	15,992	61	60	85 572	2 119,649	22 360,210	10,549	10,081
12	11	99 165	47 908,186	787 073,417	16,429	15,960	62	61	84 231	1 963,712	20 240,560	10,307	9,839
13	12	99 148	45 082,599	739 165,231	16,396	15,927	63	62	82 776	1 816,274	18 276,848	10,063	9,594
14	13	99 133	42 424,057	694 082,632	16,361	15,892	64	63	81 204	1 676,960	16 460,574	9,816	9,347
15	14	99 113	39 920,436	651 658,575	16,324	15,856	65	64	79 515	1 545,490	14 783,614	9,566	9,097
16	15	99 088	37 562,870	611 738,139	16,286	15,817	66	65	77 714	1 421,636	13 238,124	9,312	8,844
17	16	99 054	35 341,113	574 175,270	16,247	15,778	67	66	75 796	1 304,991	11 816,488	9,055	8,586
18	17	99 015	33 249,104	538 834,156	16,206	15,738	68	67	73 774	1 195,458	10 511,497	8,793	8,325
19	18	98 964	31 277,139	505 585,052	16,165	15,696	69	68	71 648	1 092,719	9 316,039	8,526	8,057
20	19	98 908	29 420,653	474 307,913	16,122	15,653	70	69	69 422	996,486	8 223,321	8,252	7,784
21	20	98 851	27 674,050	444 887,261	16,076	15,608	71	70	67 076	906,172	7 226,835	7,975	7,507
22	21	98 795	26 031,369	417 213,210	16,027	15,559	72	71	64 582	821,161	6 320,663	7,697	7,229
23	22	98 737	24 485,683	391 181,841	15,976	15,508	73	72	62 016	742,148	5 499,503	7,410	6,942
24	23	98 678	23 031,800	366 696,158	15,921	15,453	74	73	59 328	668,214	4 757,355	7,120	6,651
25	24	98 617	21 663,515	343 664,359	15,864	15,395	75	74	56 516	599,099	4 089,141	6,825	6,357
26	25	98 557	20 376,837	322 000,844	15,802	15,334	76	75	53 588	534,645	3 490,042	6,528	6,059
27	26	98 495	19 166,022	301 624,007	15,737	15,269	77	76	50 543	474,607	2 955,397	6,227	5,759
28	27	98 433	18 027,282	282 457,985	15,668	15,200	78	77	47 434	419,209	2 480,789	5,918	5,449
29	28	98 367	16 955,449	264 430,703	15,596	15,127	79	78	44 228	367,883	2 061,580	5,604	5,136
30	29	98 295	15 946,401	247 475,254	15,519	15,051	80	79	40 896	320,159	1 693,697	5,290	4,822
31	30	98 219	14 996,750	231 528,853	15,439	14,970	81	80	37 425	275,751	1 373,539	4,981	4,513
32	31	98 135	14 102,502	216 532,103	15,354	14,886	82	81	33 859	234,805	1 097,788	4,675	4,207
33	32	98 043	13 260,564	202 429,601	15,266	14,797	83	82	30 236	197,344	862,983	4,373	3,905
34	33	97 941	12 467,591	189 169,037	15,173	14,705	84	83	26 539	163,022	665,639	4,083	3,615
35	34	97 838	11 721,850	176 701,446	15,075	14,606	85	84	22 828	131,978	502,616	3,808	3,340
36	35	97 727	11 019,792	164 979,596	14,971	14,503	86	85	19 194	104,440	370,638	3,549	3,080
37	36	97 595	10 357,571	153 959,804	14,864	14,396	87	86	15 740	80,612	266,198	3,302	2,834
38	37	97 451	9 733,933	143 602,234	14,753	14,284	88	87	12 540	60,445	185,586	3,070	2,602
39	38	97 303	9 147,420	133 868,300	14,635	14,166	89	88	9 640	43,732	125,142	2,862	2,393
40	39	97 137	8 594,630	124 720,881	14,511	14,043	90	89	7 136	30,467	81,410	2,672	2,204
41	40	96 954	8 073,797	116 126,250	14,383	13,915	91	90	5 077	20,400	50,943	2,497	2,029
42	41	96 752	7 583,039	108 052,453	14,249	13,781	92	91	3 461	13,089	30,543	2,333	1,865
43	42	96 544	7 121,658	100 469,414	14,108	13,639	93	92	2 240	7,974	17,454	2,189	1,720
44	43	96 312	6 686,649	93 347,756	13,960	13,492	94	93	1 374	4,602	9,480	2,060	1,592
45	44	96 059	6 276,778	86 661,107	13,807	13,338	95	94	793	2,500	4,878	1,951	1,483
46	45	95 788	5 890,876	80 384,328	13,646	13,177	96	95	433	1,285	2,378	1,850	1,382
47	46	95 488	5 526,966	74 493,452	13,478	13,010	97	96	221	0,618	1,093	1,767	1,299
48	47	95 152	5 183,576	68 966,486	13,305	12,836	98	97	106	0,280	0,474	1,695	1,227
49	48	94 779	4 859,534	63 782,909	13,125	12,657	99	98	49	0,120	0,194	1,616	1,148
							100	99	21	0,048	0,074	1,552	1,084

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0							50	48	94 501	4 560,247	59 294,410	13,002	12,534
1							51	49	94 054	4 271,715	54 734,163	12,813	12,345
2	0	99 637	88 260,045	1 467 430,198	16,626	16,158	52	50	93 560	3 999,306	50 462,448	12,618	12,149
3	1	99 336	82 817,037	1 379 170,153	16,653	16,185	53	51	93 014	3 742,099	46 463,141	12,416	11,948
4	2	99 302	77 918,873	1 296 353,116	16,637	16,169	54	52	92 402	3 498,797	42 721,042	12,210	11,742
5	3	99 278	73 317,407	1 218 434,243	16,619	16,150	55	53	91 737	3 269,271	39 222,245	11,997	11,529
6	4	99 259	68 991,468	1 145 116,836	16,598	16,130	56	54	90 989	3 051,880	35 952,974	11,781	11,312
7	5	99 241	64 921,323	1 076 125,368	16,576	16,107	57	55	90 163	2 846,303	32 901,095	11,559	11,091
8	6	99 224	61 092,332	1 011 204,045	16,552	16,084	58	56	89 247	2 651,656	30 054,791	11,334	10,866
9	7	99 210	57 490,089	950 111,713	16,527	16,058	59	57	88 259	2 468,026	27 403,135	11,103	10,635
10	8	99 197	54 101,399	892 621,624	16,499	16,031	60	58	87 163	2 294,014	24 935,109	10,870	10,401
11	9	99 182	50 911,502	838 520,225	16,470	16,002	61	59	85 970	2 129,519	22 641,095	10,632	10,164
12	10	99 170	47 910,850	787 608,723	16,439	15,971	62	60	84 665	1 973,832	20 511,577	10,392	9,923
13	11	99 156	45 086,066	739 697,873	16,406	15,938	63	61	83 241	1 826,477	18 537,745	10,149	9,681
14	12	99 139	42 426,738	694 611,807	16,372	15,904	64	62	81 704	1 687,289	16 711,268	9,904	9,436
15	13	99 121	39 923,591	652 185,069	16,336	15,867	65	63	80 056	1 556,008	15 023,978	9,655	9,187
16	14	99 097	37 566,335	612 261,478	16,298	15,830	66	64	78 294	1 432,248	13 467,970	9,403	8,935
17	15	99 066	35 345,205	574 695,142	16,259	15,791	67	65	76 408	1 315,533	12 035,722	9,149	8,681
18	16	99 028	33 253,355	539 349,937	16,219	15,751	68	66	74 426	1 206,020	10 720,189	8,889	8,421
19	17	98 977	31 281,195	506 096,582	16,179	15,711	69	67	72 325	1 103,041	9 514,169	8,625	8,157
20	18	98 924	29 425,429	474 815,387	16,136	15,668	70	68	70 138	1 006,759	8 411,129	8,355	7,886
21	19	98 867	27 678,600	445 389,958	16,091	15,623	71	69	67 859	916,757	7 404,370	8,077	7,608
22	20	98 811	26 035,631	417 711,358	16,044	15,575	72	70	65 403	831,599	6 487,613	7,801	7,333
23	21	98 753	24 489,841	391 675,728	15,993	15,525	73	71	62 885	752,544	5 656,014	7,516	7,048
24	22	98 695	23 035,665	367 185,887	15,940	15,472	74	72	60 228	678,354	4 903,471	7,228	6,760
25	23	98 633	21 667,059	344 150,222	15,884	15,415	75	73	57 478	609,296	4 225,116	6,934	6,466
26	24	98 574	20 380,185	322 483,163	15,823	15,355	76	74	54 581	544,552	3 615,820	6,640	6,172
27	25	98 514	19 169,748	302 102,978	15,759	15,291	77	75	51 581	484,352	3 071,268	6,341	5,873
28	26	98 451	18 030,496	282 933,230	15,692	15,224	78	76	48 508	428,704	2 586,916	6,034	5,566
29	27	98 387	16 959,006	264 902,734	15,620	15,152	79	77	45 313	376,905	2 158,212	5,726	5,258
30	28	98 318	15 950,197	247 943,728	15,545	15,077	80	78	42 040	329,113	1 781,306	5,412	4,944
31	29	98 243	15 000,451	231 993,531	15,466	14,997	81	79	38 615	284,516	1 452,193	5,104	4,636
32	30	98 162	14 106,491	216 993,080	15,382	14,914	82	80	35 097	243,387	1 167,677	4,798	4,329
33	31	98 075	13 264,835	202 886,588	15,295	14,827	83	81	31 510	205,656	924,290	4,494	4,026
34	32	97 974	12 471,780	189 621,753	15,204	14,736	84	82	27 848	171,063	718,634	4,201	3,733
35	33	97 873	11 725,957	177 149,973	15,108	14,639	85	83	24 161	139,688	547,571	3,920	3,452
36	34	97 764	11 024,000	165 424,016	15,006	14,537	86	84	20 501	111,556	407,883	3,656	3,188
37	35	97 641	10 362,409	154 400,015	14,900	14,432	87	85	16 993	87,025	296,327	3,405	2,937
38	36	97 498	9 738,577	144 037,606	14,790	14,322	88	86	13 709	66,080	209,302	3,167	2,699
39	37	97 352	9 152,041	134 299,029	14,674	14,206	89	87	10 700	48,542	143,222	2,950	2,482
40	38	97 191	8 599,395	125 146,988	14,553	14,085	90	88	8 047	34,360	94,680	2,756	2,287
41	39	97 017	8 079,053	116 547,592	14,426	13,958	91	89	5 827	23,416	60,320	2,576	2,108
42	40	96 813	7 587,843	108 468,539	14,295	13,827	92	90	4 058	15,347	36,904	2,405	1,936
43	41	96 615	7 126,882	100 880,696	14,155	13,687	93	91	2 686	9,560	21,557	2,255	1,786
44	42	96 390	6 692,049	93 753,814	14,010	13,541	94	92	1 691	5,667	11,996	2,117	1,649
45	43	96 145	6 282,405	87 061,765	13,858	13,390	95	93	1 003	3,162	6,330	2,002	1,533
46	44	95 879	5 896,454	80 779,360	13,700	13,231	96	94	562	1,668	3,167	1,899	1,430
47	45	95 590	5 532,918	74 882,906	13,534	13,066	97	95	297	0,829	1,499	1,808	1,339
48	46	95 265	5 189,722	69 349,989	13,363	12,895	98	96	128	0,388	0,670	1,725	1,257
49	47	94 902	4 865,857	64 160,267	13,186	12,717	99	97	69	0,171	0,282	1,651	1,182
							100	98	30	0,070	0,111	1,583	1,114

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	4 566,180	59 635,053	13,060	12,592
1							51	48	94 197	4 278,206	55 068,873	12,872	12,404
2							52	49	93 718	4 006,053	50 790,667	12,678	12,210
3	0	99 624	83 057,228	1 379 956,473	16,615	16,146	53	50	93 186	3 749,012	46 784,614	12,479	12,011
4	1	99 324	77 936,207	1 296 899,245	16,641	16,172	54	51	92 594	3 506,078	43 035,602	12,275	11,806
5	2	99 291	73 327,042	1 218 963,038	16,624	16,155	55	52	91 939	3 276,493	39 529,525	12,065	11,596
6	3	99 269	68 998,347	1 145 635,995	16,604	16,135	56	53	91 215	3 059,463	36 253,031	11,849	11,381
7	4	99 250	64 927,299	1 076 637,648	16,582	16,114	57	54	90 412	2 854,164	33 193,569	11,630	11,162
8	5	99 231	61 096,483	1 011 710,349	16,559	16,091	58	55	89 526	2 659,935	30 339,404	11,406	10,938
9	6	99 217	57 494,287	950 613,865	16,534	16,066	59	56	88 558	2 476,400	27 679,469	11,177	10,709
10	7	99 202	54 103,976	893 119,579	16,507	16,039	60	57	87 492	2 302,663	25 203,069	10,945	10,477
11	8	99 189	50 915,172	839 015,603	16,479	16,010	61	58	86 330	2 138,444	22 900,406	10,709	10,241
12	9	99 175	47 913,396	788 100,431	16,448	15,981	62	59	85 059	1 983,022	20 761,962	10,470	10,002
13	10	99 161	45 088,573	740 187,035	16,416	15,948	63	60	83 670	1 835,889	18 778,940	10,229	9,760
14	11	99 147	42 430,001	695 098,462	16,382	15,914	64	61	82 163	1 696,768	16 943,051	9,985	9,517
15	12	99 127	39 926,115	652 668,461	16,347	15,879	65	62	80 549	1 565,593	15 246,283	9,738	9,270
16	13	99 105	37 569,375	612 742,347	16,310	15,841	66	63	78 827	1 441,996	13 680,690	9,487	9,019
17	14	99 075	35 348,466	575 173,042	16,272	15,803	67	64	76 979	1 325,352	12 238,694	9,234	8,766
18	15	99 039	33 257,205	539 824,576	16,232	15,763	68	65	75 027	1 215,763	10 913,342	8,977	8,508
19	16	98 989	31 285,194	506 567,370	16,192	15,724	69	66	72 964	1 112,786	9 697,579	8,715	8,246
20	17	98 937	29 429,244	475 282,176	16,150	15,682	70	67	70 800	1 016,269	8 584,793	8,447	7,979
21	18	98 883	27 683,094	445 852,931	16,106	15,637	71	68	68 559	926,208	7 568,524	8,172	7,703
22	19	98 827	26 039,911	418 169,838	16,059	15,590	72	69	66 167	841,313	6 642,316	7,895	7,427
23	20	98 769	24 493,850	392 129,927	16,009	15,541	73	70	63 684	762,110	5 801,004	7,612	7,143
24	21	98 712	23 039,577	367 636,077	15,957	15,488	74	71	61 072	687,857	5 038,894	7,325	6,857
25	22	98 650	21 670,695	344 596,500	15,901	15,433	75	72	58 350	618,542	4 351,038	7,034	6,566
26	23	98 590	20 383,519	322 925,806	15,842	15,374	76	73	55 510	553,821	3 732,496	6,740	6,271
27	24	98 530	19 172,898	302 542,287	15,780	15,311	77	74	52 537	493,327	3 178,675	6,443	5,975
28	25	98 470	18 034,002	283 369,389	15,713	15,245	78	75	49 504	437,507	2 685,348	6,138	5,669
29	26	98 405	16 962,029	265 335,387	15,643	15,175	79	76	46 339	385,443	2 247,841	5,832	5,363
30	27	98 339	15 953,543	248 373,358	15,569	15,100	80	77	43 071	337,185	1 862,398	5,523	5,055
31	28	98 266	15 004,022	232 419,814	15,491	15,022	81	78	39 695	292,474	1 525,213	5,215	4,747
32	29	98 187	14 109,973	217 415,792	15,409	14,940	82	79	36 213	251,124	1 232,740	4,909	4,441
33	30	98 102	13 268,587	203 305,819	15,322	14,854	83	80	32 661	213,173	981,616	4,605	4,136
34	31	98 006	12 475,798	190 037,232	15,232	14,764	84	81	29 020	178,267	768,443	4,311	3,842
35	32	97 905	11 729,897	177 561,434	15,138	14,669	85	82	25 353	146,578	590,176	4,026	3,558
36	33	97 799	11 027,863	165 831,537	15,038	14,569	86	83	21 699	118,073	443,598	3,757	3,289
37	34	97 678	10 366,367	154 803,674	14,933	14,465	87	84	18 150	92,954	325,525	3,502	3,034
38	35	97 543	9 743,127	144 437,307	14,825	14,356	88	85	14 800	71,337	232,571	3,260	2,792
39	36	97 399	9 156,407	134 694,180	14,710	14,242	89	86	11 698	53,067	161,233	3,038	2,570
40	37	97 240	8 603,740	125 537,773	14,591	14,123	90	87	8 933	38,140	108,166	2,836	2,368
41	38	97 071	8 083,532	116 934,033	14,466	13,997	91	88	6 572	26,408	70,026	2,652	2,183
42	39	96 876	7 592,783	108 850,501	14,336	13,868	92	89	4 658	17,616	43,618	2,476	2,008
43	40	96 676	7 131,397	101 257,718	14,199	13,731	93	90	3 149	11,210	26,002	2,320	1,851
44	41	96 461	6 696,957	94 126,320	14,055	13,587	94	91	2 028	6,794	14,792	2,177	1,709
45	42	96 223	6 287,478	87 429,363	13,905	13,437	95	92	1 235	3,894	7,998	2,054	1,586
46	43	95 965	5 901,740	81 141,885	13,749	13,280	96	93	711	2,110	4,105	1,945	1,477
47	44	95 681	5 538,156	75 240,145	13,586	13,117	97	94	385	1,076	1,994	1,853	1,385
48	45	95 368	5 195,310	69 701,989	13,416	12,948	98	95	198	0,521	0,918	1,763	1,295
49	46	95 015	4 871,625	64 506,679	13,241	12,773	99	96	96	0,237	0,397	1,678	1,210
							100	97	43	0,099	0,161	1,615	1,147

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	4 571,594	59 947,468	13,113	12,645
1							51	47	94 320	4 283,772	55 375,874	12,927	12,459
2							52	48	93 860	4 012,140	51 092,103	12,734	12,266
3							53	49	93 343	3 755,336	47 079,963	12,537	12,068
4	0	99 612	78 162,242	1 297 625,531	16,602	16,133	54	50	92 765	3 512,555	43 324,627	12,334	11,866
5	1	99 313	73 343,355	1 219 463,289	16,627	16,158	55	51	92 131	3 283,311	39 812,072	12,126	11,657
6	2	99 282	69 007,415	1 146 119,934	16,609	16,140	56	52	91 416	3 066,222	36 528,761	11,913	11,445
7	3	99 260	64 933,773	1 077 112,519	16,588	16,120	57	53	90 637	2 861,256	33 462,539	11,695	11,227
8	4	99 240	61 102,108	1 012 178,746	16,565	16,097	58	54	89 773	2 667,282	30 601,283	11,473	11,004
9	5	99 224	57 498,193	951 076,638	16,541	16,073	59	55	88 835	2 484,132	27 934,001	11,245	10,777
10	6	99 209	54 107,926	893 578,445	16,515	16,046	60	56	87 789	2 310,476	25 449,870	11,015	10,547
11	7	99 194	50 917,597	839 470,518	16,487	16,018	61	57	86 656	2 146,506	23 139,393	10,780	10,312
12	8	99 183	47 916,850	788 552,922	16,457	15,988	62	58	85 416	1 991,333	20 992,887	10,542	10,074
13	9	99 167	45 090,969	740 636,072	16,425	15,957	63	59	84 060	1 844,437	19 001,554	10,302	9,834
14	10	99 152	42 432,360	695 545,103	16,392	15,924	64	60	82 586	1 705,512	17 157,116	10,060	9,591
15	11	99 134	39 929,185	653 112,742	16,357	15,888	65	61	81 001	1 574,388	15 451,605	9,814	9,346
16	12	99 111	37 571,679	613 183,557	16,320	15,852	66	62	79 312	1 450,878	13 877,217	9,565	9,096
17	13	99 082	35 351,260	575 611,878	16,283	15,814	67	63	77 503	1 334,373	12 426,339	9,312	8,844
18	14	99 048	33 260,274	540 260,618	16,243	15,775	68	64	75 587	1 224,837	11 091,966	9,056	8,588
19	15	99 001	31 288,817	507 000,344	16,204	15,736	69	65	73 553	1 121,776	9 867,129	8,796	8,328
20	16	98 949	29 433,007	475 711,527	16,163	15,694	70	66	71 426	1 025,248	8 745,353	8,530	8,062
21	17	98 896	27 686,683	446 278,520	16,119	15,651	71	67	69 206	934,957	7 720,105	8,257	7,789
22	18	98 843	26 044,138	418 591,837	16,072	15,604	72	68	66 849	849,986	6 785,148	7,983	7,514
23	19	98 786	24 497,877	392 547,699	16,024	15,555	73	69	64 428	771,012	5 935,162	7,698	7,230
24	20	98 728	23 043,349	368 049,822	15,972	15,504	74	70	61 848	696,600	5 164,151	7,413	6,945
25	21	98 667	21 674,375	345 006,473	15,918	15,449	75	71	59 167	627,206	4 467,550	7,123	6,655
26	22	98 606	20 386,939	323 332,099	15,860	15,391	76	72	56 352	562,225	3 840,344	6,831	6,362
27	23	98 546	19 176,034	302 945,159	15,798	15,330	77	73	53 431	501,724	3 278,119	6,534	6,065
28	24	98 486	18 036,965	283 769,125	15,733	15,264	78	74	50 422	445,614	2 776,395	6,230	5,762
29	25	98 424	16 965,328	265 732,160	15,663	15,195	79	75	47 290	393,357	2 330,781	5,925	5,457
30	26	98 356	15 956,387	248 766,832	15,590	15,122	80	76	44 046	344,822	1 937,424	5,619	5,150
31	27	98 287	15 007,170	232 810,445	15,513	15,045	81	77	40 668	299,647	1 592,602	5,315	4,847
32	28	98 210	14 113,332	217 803,275	15,432	14,964	82	78	37 226	258,147	1 292,955	5,009	4,540
33	29	98 127	13 271,862	203 689,943	15,348	14,879	83	79	33 700	219,949	1 034,808	4,705	4,236
34	30	98 034	12 479,327	190 418,081	15,259	14,790	84	80	30 081	184,783	814,859	4,410	3,941
35	31	97 937	11 733,676	177 938,754	15,165	14,696	85	81	26 421	152,751	630,076	4,125	3,656
36	32	97 832	11 031,568	166 205,079	15,066	14,598	86	82	22 769	123,897	477,325	3,853	3,384
37	33	97 712	10 369,999	155 173,510	14,964	14,495	87	83	19 211	98,385	353,428	3,592	3,124
38	34	97 581	9 746,848	144 803,511	14,856	14,388	88	84	15 808	76,198	255,043	3,347	2,879
39	35	97 444	9 160,685	135 056,663	14,743	14,275	89	85	12 628	57,289	178,846	3,122	2,653
40	36	97 286	8 607,844	125 895,979	14,626	14,157	90	86	9 765	41,695	121,557	2,915	2,447
41	37	97 120	8 087,616	117 288,134	14,502	14,034	91	87	7 295	29,313	79,861	2,724	2,256
42	38	96 930	7 596,993	109 200,518	14,374	13,906	92	88	5 253	19,867	50,548	2,544	2,076
43	39	96 739	7 136,040	101 603,525	14,238	13,770	93	89	3 615	12,867	30,681	2,384	1,916
44	40	96 522	6 701,200	94 467,485	14,097	13,629	94	90	2 378	7,966	17,814	2,236	1,768
45	41	96 294	6 292,090	87 766,285	13,949	13,480	95	91	1 481	4,669	9,848	2,109	1,641
46	42	96 042	5 906,505	81 474,195	13,794	13,326	96	92	876	2,599	5,180	1,993	1,525
47	43	95 767	5 543,121	75 567,690	13,633	13,164	97	93	487	1,361	2,581	1,896	1,427
48	44	95 458	5 200,229	70 024,569	13,466	12,997	98	94	257	0,676	1,220	1,805	1,337
49	45	95 117	4 876,871	64 824,340	13,292	12,824	99	95	128	0,318	0,544	1,713	1,245
							100	96	59	0,138	0,226	1,640	1,172

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	4 576,517	60 233,722	13,161	12,693
1							51	46	94 431	4 288,851	55 657,205	12,977	12,509
2							52	47	93 982	4 017,360	51 368,354	12,787	12,318
3							53	48	93 485	3 761,042	47 350,995	12,590	12,122
4							54	49	92 922	3 518,480	43 589,952	12,389	11,921
5	0	99 601	73 556,070	1 220 133,986	16,588	16,119	55	50	92 301	3 289,376	40 071,472	12,182	11,714
6	1	99 304	69 022,766	1 146 577,917	16,612	16,143	56	51	91 607	3 072,602	36 782,096	11,971	11,503
7	2	99 273	64 942,307	1 077 555,150	16,592	16,124	57	52	90 837	2 867,577	33 709,494	11,755	11,287
8	3	99 250	61 108,201	1 012 612,843	16,571	16,102	58	53	89 996	2 673,909	30 841,916	11,534	11,066
9	4	99 233	57 503,487	951 504,643	16,547	16,079	59	54	89 080	2 490,993	28 168,007	11,308	10,840
10	5	99 216	54 111,603	894 001,156	16,521	16,053	60	55	88 063	2 317,690	25 677,015	11,079	10,610
11	6	99 201	50 921,315	839 889,553	16,494	16,026	61	56	86 950	2 153,790	23 359,325	10,846	10,377
12	7	99 187	47 919,132	788 968,238	16,465	15,996	62	57	85 738	1 998,841	21 205,535	10,609	10,141
13	8	99 174	45 094,219	741 049,106	16,433	15,965	63	58	84 412	1 852,168	19 206,694	10,370	9,901
14	9	99 157	42 434,616	695 954,887	16,401	15,932	64	59	82 971	1 713,453	17 354,526	10,128	9,660
15	10	99 140	39 931,405	653 520,272	16,366	15,898	65	60	81 419	1 582,501	15 641,074	9,884	9,415
16	11	99 119	37 574,569	613 588,866	16,330	15,862	66	61	79 758	1 459,028	14 058,573	9,636	9,167
17	12	99 089	35 353,494	576 014,297	16,293	15,825	67	62	77 980	1 342,592	12 599,545	9,384	8,916
18	13	99 056	33 262,903	540 660,803	16,254	15,786	68	63	76 101	1 233,174	11 256,952	9,128	8,660
19	14	99 010	31 291,703	507 397,900	16,215	15,747	69	64	74 102	1 130,149	10 023,779	8,869	8,401
20	15	98 961	29 436,415	476 106,197	16,174	15,706	70	65	72 003	1 033,530	8 893,630	8,605	8,137
21	16	98 909	27 690,223	446 669,782	16,131	15,663	71	66	69 818	943,217	7 860,100	8,333	7,865
22	17	98 856	26 047,515	418 979,559	16,085	15,617	72	67	67 481	858,015	6 916,882	8,061	7,593
23	18	98 802	24 501,854	392 932,043	16,037	15,568	73	68	65 092	778,960	6 058,867	7,778	7,310
24	19	98 744	23 047,137	368 430,189	15,986	15,518	74	69	62 570	704,737	5 279,907	7,492	7,024
25	20	98 683	21 677,923	345 383,053	15,932	15,464	75	70	59 919	635,179	4 575,169	7,203	6,735
26	21	98 623	20 390,402	323 705,130	15,875	15,407	76	71	57 141	570,100	3 939,990	6,911	6,443
27	22	98 563	19 179,252	303 314,728	15,815	15,346	77	72	54 242	509,337	3 369,890	6,612	6,148
28	23	98 502	18 039,915	284 135,476	15,750	15,282	78	73	51 280	453,199	2 860,552	6,312	5,844
29	24	98 440	16 968,115	266 095,560	15,682	15,214	79	74	48 167	400,646	2 407,354	6,009	5,540
30	25	98 376	15 959,490	249 127,445	15,610	15,142	80	75	44 951	351,902	2 006,708	5,702	5,234
31	26	98 304	15 009,845	233 167,955	15,534	15,066	81	76	41 589	306,434	1 654,806	5,400	4,932
32	27	98 231	14 116,293	218 158,110	15,454	14,986	82	77	38 138	264,479	1 348,372	5,098	4,630
33	28	98 150	13 275,022	204 041,817	15,370	14,902	83	78	34 642	226,100	1 083,893	4,794	4,326
34	29	98 058	12 482,407	190 766,795	15,283	14,814	84	79	31 037	190,657	857,793	4,499	4,031
35	30	97 965	11 736,995	178 284,389	15,190	14,722	85	80	27 386	158,335	667,136	4,213	3,745
36	31	97 863	11 035,122	166 547,394	15,092	14,624	86	81	23 728	129,115	508,801	3,941	3,472
37	32	97 745	10 373,483	155 512,272	14,991	14,523	87	82	20 158	103,237	379,686	3,678	3,209
38	33	97 615	9 750,263	145 138,789	14,886	14,417	88	83	16 732	80,649	276,450	3,428	2,959
39	34	97 482	9 164,183	135 388,526	14,774	14,305	89	84	13 489	61,193	195,800	3,200	2,731
40	35	97 332	8 611,866	126 224,343	14,657	14,189	90	85	10 542	45,012	134,608	2,990	2,522
41	36	97 166	8 091,475	117 612,477	14,535	14,067	91	86	7 975	32,046	89,595	2,796	2,327
42	37	96 979	7 600,831	109 521,003	14,409	13,941	92	87	5 831	22,052	57,549	2,610	2,141
43	38	96 793	7 139,997	101 920,172	14,275	13,806	93	88	4 077	14,511	35,497	2,446	1,978
44	39	96 585	6 705,563	94 780,175	14,135	13,666	94	89	2 729	9,144	20,986	2,295	1,827
45	40	96 355	6 296,076	88 074,612	13,989	13,520	95	90	1 736	5,474	11,842	2,163	1,695
46	41	96 113	5 910,838	81 778,536	13,835	13,367	96	91	1 050	3,116	6,368	2,044	1,576
47	42	95 844	5 547,597	75 867,698	13,676	13,207	97	92	600	1,676	3,253	1,940	1,472
48	43	95 543	5 204,891	70 320,101	13,510	13,042	98	93	325	0,855	1,576	1,844	1,376
49	44	95 207	4 881,489	65 115,210	13,339	12,871	99	94	167	0,412	0,722	1,751	1,283
							100	95	79	0,185	0,310	1,673	1,204

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	4 580,850	60 495,647	13,206	12,738
1							51	45	94 533	4 293,469	55 914,798	13,023	12,555
2							52	46	94 094	4 022,123	51 621,329	12,834	12,366
3							53	47	93 607	3 765,936	47 599,206	12,639	12,171
4							54	48	93 063	3 523,826	43 833,271	12,439	11,971
5							55	49	92 456	3 294,925	40 309,445	12,234	11,765
6	0	99 592	69 222,950	1 147 197,197	16,572	16,104	56	50	91 776	3 078,278	37 014,519	12,024	11,556
7	1	99 295	64 956,754	1 077 974,247	16,595	16,127	57	51	91 026	2 873,544	33 936,241	11,810	11,342
8	2	99 263	61 116,231	1 013 017,492	16,575	16,107	58	52	90 195	2 679,816	31 062,697	11,591	11,123
9	3	99 243	57 509,220	951 901,261	16,552	16,084	59	53	89 301	2 497,182	28 382,880	11,366	10,898
10	4	99 225	54 116,584	894 392,041	16,527	16,059	60	54	88 306	2 324,091	25 885,698	11,138	10,670
11	5	99 208	50 924,775	840 275,456	16,500	16,032	61	55	87 221	2 160,514	23 561,607	10,906	10,437
12	6	99 195	47 922,631	789 350,681	16,471	16,003	62	56	86 029	2 005,623	21 401,093	10,671	10,202
13	7	99 179	45 096,367	741 428,050	16,441	15,973	63	57	84 730	1 859,151	19 395,470	10,432	9,964
14	8	99 165	42 437,674	696 331,683	16,408	15,940	64	58	83 318	1 720,634	17 536,319	10,192	9,723
15	9	99 145	39 933,528	653 894,009	16,375	15,906	65	59	81 798	1 589,869	15 815,685	9,948	9,479
16	10	99 125	37 576,658	613 960,482	16,339	15,871	66	60	80 169	1 466,547	14 225,816	9,700	9,232
17	11	99 096	35 356,213	576 383,824	16,302	15,834	67	61	78 418	1 350,134	12 759,269	9,450	8,982
18	12	99 062	33 265,005	541 027,610	16,264	15,796	68	62	76 570	1 240,770	11 409,135	9,195	8,727
19	13	99 018	31 294,177	507 762,605	16,225	15,757	69	63	74 607	1 137,841	10 168,365	8,937	8,468
20	14	98 970	29 439,131	476 468,428	16,185	15,717	70	64	72 540	1 041,245	9 030,524	8,673	8,204
21	15	98 920	27 693,429	447 029,298	16,142	15,674	71	65	70 382	950,837	7 989,280	8,402	7,934
22	16	98 869	26 050,846	419 335,868	16,097	15,628	72	66	68 077	865,596	7 038,442	8,131	7,663
23	17	98 815	24 505,031	393 285,023	16,049	15,581	73	67	65 707	786,319	6 172,847	7,850	7,382
24	18	98 760	23 050,878	368 779,992	15,999	15,530	74	68	63 215	712,003	5 386,528	7,565	7,097
25	19	98 699	21 681,487	345 729,113	15,946	15,477	75	69	60 619	642,599	4 674,525	7,274	6,806
26	20	98 639	20 393,740	324 047,626	15,890	15,421	76	70	57 868	577,347	4 031,927	6,984	6,515
27	21	98 580	19 182,509	303 653,887	15,830	15,361	77	71	55 002	516,472	3 454,579	6,689	6,220
28	22	98 518	18 042,943	284 471,377	15,766	15,298	78	72	52 058	460,076	2 938,107	6,386	5,918
29	23	98 456	16 970,891	266 428,435	15,699	15,231	79	73	48 986	407,465	2 478,031	6,082	5,613
30	24	98 392	15 962,112	249 457,544	15,628	15,160	80	74	45 784	358,423	2 070,567	5,777	5,309
31	25	98 324	15 012,764	233 495,432	15,553	15,085	81	75	42 443	312,726	1 712,144	5,475	5,007
32	26	98 248	14 118,810	218 482,668	15,475	15,006	82	76	39 002	270,469	1 399,418	5,174	4,706
33	27	98 171	13 277,806	204 363,858	15,391	14,923	83	77	35 492	231,646	1 128,949	4,874	4,405
34	28	98 081	12 485,378	191 086,052	15,305	14,836	84	78	31 905	195,989	897,303	4,578	4,110
35	29	97 989	11 739,892	178 600,673	15,213	14,745	85	79	28 257	163,368	701,313	4,293	3,824
36	30	97 891	11 038,243	166 860,782	15,117	14,648	86	80	24 595	133,834	537,946	4,019	3,551
37	31	97 777	10 376,825	155 822,539	15,016	14,548	87	81	21 007	107,585	404,112	3,756	3,288
38	32	97 648	9 753,539	145 445,714	14,912	14,444	88	82	17 557	84,627	296,527	3,504	3,036
39	33	97 516	9 167,394	135 692,175	14,802	14,333	89	83	14 277	64,767	211,900	3,272	2,803
40	34	97 369	8 615,155	126 524,781	14,686	14,218	90	84	11 261	48,079	147,132	3,060	2,592
41	35	97 211	8 095,255	117 909,626	14,565	14,097	91	85	8 609	34,596	99,053	2,863	2,395
42	36	97 025	7 604,457	109 814,372	14,441	13,972	92	86	6 374	24,108	64,458	2,674	2,205
43	37	96 842	7 143,604	102 209,914	14,308	13,840	93	87	4 525	16,107	40,349	2,505	2,037
44	38	96 638	6 709,280	95 066,311	14,169	13,701	94	88	3 078	10,312	24,242	2,351	1,882
45	39	96 417	6 300,176	88 357,030	14,025	13,556	95	89	1 993	6,283	13,930	2,217	1,749
46	40	96 173	5 914,582	82 056,855	13,874	13,405	96	90	1 231	3,653	7,647	2,093	1,625
47	41	95 914	5 551,666	76 142,272	13,715	13,247	97	91	720	2,010	3,994	1,987	1,519
48	42	95 621	5 209,094	70 590,606	13,551	13,083	98	92	400	1,053	1,984	1,885	1,417
49	43	95 293	4 885,865	65 381,512	13,382	12,913	99	93	211	0,521	0,931	1,787	1,319
							100	94	103	0,240	0,410	1,708	1,240

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	4 584,956	60 735,314	13,247	12,778
1							51	44	94 623	4 297,534	56 150,358	13,066	12,597
2							52	45	94 195	4 026,454	51 852,824	12,878	12,410
3							53	46	93 718	3 770,400	47 826,370	12,685	12,216
4							54	47	93 184	3 528,411	44 055,970	12,486	12,018
5							55	48	92 597	3 299,932	40 527,559	12,281	11,813
6							56	49	91 931	3 083,471	37 227,628	12,073	11,605
7	0	99 583	65 145,146	1 078 546,009	16,556	16,088	57	50	91 195	2 878,853	34 144,157	11,860	11,392
8	1	99 285	61 129,827	1 013 400,864	16,578	16,109	58	51	90 383	2 685,393	31 265,304	11,643	11,174
9	2	99 256	57 516,778	952 271,036	16,556	16,088	59	52	89 499	2 502,699	28 579,911	11,420	10,951
10	3	99 235	54 121,980	894 754,258	16,532	16,064	60	53	88 525	2 329,866	26 077,212	11,193	10,724
11	4	99 217	50 929,463	840 632,278	16,506	16,037	61	54	87 462	2 166,481	23 747,346	10,961	10,493
12	5	99 201	47 925,887	789 702,815	16,478	16,009	62	55	86 297	2 011,885	21 580,865	10,727	10,258
13	6	99 186	45 099,660	741 776,927	16,448	15,979	63	56	85 018	1 865,459	19 568,980	10,490	10,022
14	7	99 169	42 439,695	696 677,267	16,416	15,947	64	57	83 632	1 727,121	17 703,521	10,250	9,782
15	8	99 152	39 936,406	654 237,572	16,382	15,914	65	58	82 141	1 596,532	15 976,399	10,007	9,539
16	9	99 130	37 578,655	614 301,166	16,347	15,879	66	59	80 542	1 473,375	14 379,867	9,760	9,291
17	10	99 102	35 358,179	576 722,511	16,311	15,843	67	60	78 822	1 357,092	12 906,492	9,510	9,042
18	11	99 070	33 267,563	541 364,332	16,273	15,805	68	61	77 000	1 247,740	11 549,400	9,256	8,788
19	12	99 024	31 296,155	508 096,768	16,235	15,767	69	62	75 066	1 144,850	10 301,660	8,998	8,530
20	13	98 978	29 441,458	476 800,614	16,195	15,727	70	63	73 034	1 048,331	9 156,811	8,735	8,266
21	14	98 929	27 695,984	447 359,156	16,152	15,684	71	64	70 907	957,934	8 108,479	8,465	7,996
22	15	98 880	26 053,862	419 663,171	16,108	15,639	72	65	68 627	872,589	7 150,545	8,195	7,726
23	16	98 827	24 508,164	393 609,309	16,060	15,592	73	66	66 287	793,266	6 277,956	7,914	7,446
24	17	98 773	23 053,867	369 101,145	16,010	15,542	74	67	63 813	718,728	5 484,690	7,631	7,163
25	18	98 715	21 685,007	346 047,278	15,958	15,490	75	68	61 244	649,223	4 765,962	7,341	6,873
26	19	98 655	20 397,092	324 362,271	15,902	15,434	76	69	58 544	584,091	4 116,739	7,048	6,580
27	20	98 596	19 185,650	303 965,179	15,843	15,375	77	70	55 701	523,037	3 532,647	6,754	6,286
28	21	98 535	18 046,007	284 779,529	15,781	15,312	78	71	52 787	466,520	3 009,610	6,451	5,983
29	22	98 473	16 973,739	266 733,522	15,714	15,246	79	72	49 730	413,648	2 543,090	6,148	5,680
30	23	98 408	15 964,723	249 759,784	15,644	15,176	80	73	46 563	364,524	2 129,442	5,842	5,373
31	24	98 340	15 015,231	233 795,060	15,571	15,102	81	74	43 230	318,521	1 764,918	5,541	5,073
32	25	98 267	14 121,555	218 779,830	15,493	15,024	82	75	39 803	276,023	1 446,398	5,240	4,772
33	26	98 188	13 280,174	204 658,275	15,411	14,942	83	76	36 296	236,893	1 170,375	4,941	4,472
34	27	98 102	12 487,998	191 378,101	15,325	14,857	84	77	32 688	200,796	933,482	4,649	4,181
35	28	98 012	11 742,686	178 890,104	15,234	14,766	85	78	29 047	167,937	732,686	4,363	3,895
36	29	97 915	11 040,968	167 147,418	15,139	14,670	86	79	25 377	138,088	564,749	4,090	3,621
37	30	97 804	10 379,760	156 106,450	15,040	14,571	87	80	21 775	111,517	426,661	3,826	3,358
38	31	97 679	9 756,681	145 726,690	14,936	14,468	88	81	18 297	88,191	315,144	3,573	3,105
39	32	97 548	9 170,474	135 970,009	14,827	14,359	89	82	14 981	67,962	226,953	3,339	2,871
40	33	97 403	8 618,173	126 799,535	14,713	14,245	90	83	11 918	50,888	158,991	3,124	2,656
41	34	97 248	8 098,346	118 181,362	14,593	14,125	91	84	9 196	36,953	108,103	2,925	2,457
42	35	97 070	7 608,010	110 083,015	14,469	14,001	92	85	6 881	26,026	71,150	2,734	2,265
43	36	96 888	7 147,012	102 475,005	14,338	13,870	93	86	4 947	17,609	45,124	2,563	2,094
44	37	96 687	6 712,670	95 327,994	14,201	13,733	94	87	3 417	11,446	27,515	2,404	1,935
45	38	96 471	6 303,668	88 615,324	14,058	13,589	95	88	2 247	7,086	16,069	2,268	1,799
46	39	96 236	5 918,433	82 311,655	13,908	13,439	96	89	1 413	4,193	8,983	2,142	1,674
47	40	95 975	5 555,183	76 393,222	13,752	13,283	97	90	844	2,357	4,789	2,032	1,564
48	41	95 691	5 212,915	70 838,039	13,589	13,121	98	91	480	1,262	2,433	1,928	1,459
49	42	95 370	4 889,810	65 625,124	13,421	12,952	99	92	259	0,642	1,171	1,824	1,356
							100	93	130	0,304	0,529	1,741	1,273

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	4 588,659	60 954,456	13,284	12,815
1							51	43	94 707	4 301,386	56 365,798	13,104	12,636
2							52	44	94 284	4 030,266	52 064,411	12,918	12,450
3							53	45	93 819	3 774,460	48 034,145	12,726	12,258
4							54	46	93 295	3 532,594	44 259,685	12,529	12,061
5							55	47	92 717	3 304,225	40 727,091	12,326	11,857
6							56	48	92 070	3 088,156	37 422,866	12,118	11,650
7							57	49	91 348	2 883,709	34 334,710	11,906	11,438
8	0	99 573	61 307,120	1 013 928,743	16,539	16,070	58	50	90 550	2 690,353	31 451,001	11,690	11,222
9	1	99 278	57 529,573	952 621,623	16,559	16,090	59	51	89 685	2 507,907	28 760,647	11,468	11,000
10	2	99 248	54 129,093	895 092,050	16,536	16,068	60	52	88 721	2 335,013	26 252,741	11,243	10,775
11	3	99 227	50 934,541	840 962,957	16,511	16,042	61	53	87 679	2 171,864	23 917,727	11,013	10,544
12	4	99 210	47 930,300	790 028,415	16,483	16,015	62	54	86 536	2 017,442	21 745,863	10,779	10,311
13	5	99 193	45 102,724	742 098,116	16,454	15,985	63	55	85 283	1 871,283	19 728,422	10,543	10,074
14	6	99 177	42 442,794	696 995,392	16,422	15,954	64	56	83 916	1 732,982	17 857,138	10,304	9,836
15	7	99 157	39 938,308	654 552,597	16,389	15,921	65	57	82 450	1 602,552	16 124,157	10,062	9,593
16	8	99 137	37 581,364	614 614,289	16,354	15,886	66	58	80 880	1 479,550	14 521,605	9,815	9,347
17	9	99 107	35 360,058	577 032,925	16,319	15,850	67	59	79 189	1 363,410	13 042,054	9,566	9,097
18	10	99 075	33 269,413	541 672,867	16,281	15,813	68	60	77 397	1 254,170	11 678,644	9,312	8,843
19	11	99 032	31 298,562	508 403,454	16,244	15,775	69	61	75 488	1 151,281	10 424,474	9,055	8,586
20	12	98 984	29 443,319	477 104,892	16,204	15,736	70	62	73 484	1 054,789	9 273,193	8,792	8,323
21	13	98 937	27 698,173	447 661,574	16,162	15,694	71	63	71 390	964,454	8 218,404	8,521	8,053
22	14	98 889	26 056,266	419 963,400	16,118	15,649	72	64	69 139	879,102	7 253,950	8,252	7,783
23	15	98 839	24 511,002	393 907,134	16,071	15,602	73	65	66 823	799,674	6 374,849	7,972	7,503
24	16	98 786	23 056,815	369 396,133	16,021	15,553	74	66	64 376	725,079	5 575,174	7,689	7,221
25	17	98 728	21 687,819	346 339,318	15,969	15,501	75	67	61 823	655,356	4 850,096	7,401	6,932
26	18	98 671	20 400,404	324 651,499	15,914	15,446	76	68	59 147	590,113	4 194,740	7,108	6,640
27	19	98 612	19 188,804	304 251,095	15,856	15,387	77	69	56 351	529,147	3 604,627	6,812	6,344
28	20	98 551	18 048,961	285 062,292	15,794	15,325	78	70	53 458	472,451	3 075,480	6,510	6,041
29	21	98 490	16 976,621	267 013,331	15,728	15,260	79	71	50 426	419,442	2 603,030	6,206	5,738
30	22	98 424	15 967,402	250 036,709	15,659	15,191	80	72	47 270	370,055	2 183,587	5,901	5,432
31	23	98 356	15 017,687	234 069,307	15,586	15,118	81	73	43 965	323,942	1 813,532	5,598	5,130
32	24	98 283	14 123,875	219 051,620	15,509	15,041	82	74	40 541	281,137	1 489,590	5,298	4,830
33	25	98 207	13 282,756	204 927,745	15,428	14,960	83	75	37 041	241,757	1 208,453	4,999	4,530
34	26	98 119	12 490,224	191 644,989	15,344	14,875	84	76	33 428	205,344	966,696	4,708	4,239
35	27	98 033	11 745,150	179 154,765	15,254	14,785	85	77	29 760	172,056	761,352	4,425	3,957
36	28	97 938	11 043,596	167 409,616	15,159	14,691	86	78	26 087	141,950	589,296	4,151	3,683
37	29	97 828	10 382,322	156 366,020	15,061	14,592	87	79	22 467	115,062	447,346	3,888	3,420
38	30	97 707	9 759,441	145 983,698	14,958	14,490	88	80	18 965	91,415	332,284	3,635	3,167
39	31	97 580	9 173,428	136 224,257	14,850	14,382	89	81	15 612	70,824	240,869	3,401	2,933
40	32	97 436	8 621,069	127 050,829	14,737	14,269	90	82	12 506	53,398	170,045	3,184	2,716
41	33	97 283	8 101,184	118 429,760	14,619	14,150	91	83	9 733	39,111	116,647	2,982	2,514
42	34	97 107	7 610,915	110 328,576	14,496	14,028	92	84	7 350	27,799	77,535	2,789	2,321
43	35	96 933	7 150,350	102 717,661	14,365	13,897	93	85	5 340	19,010	49,736	2,616	2,148
44	36	96 733	6 715,872	95 567,310	14,230	13,762	94	86	3 735	12,514	30,726	2,455	1,987
45	37	96 519	6 306,853	88 851,438	14,088	13,620	95	87	2 494	7,865	18,213	2,316	1,847
46	38	96 289	5 921,714	82 544,585	13,939	13,471	96	88	1 593	4,729	10,347	2,188	1,720
47	39	96 038	5 558,800	76 622,870	13,784	13,316	97	89	968	2,705	5,618	2,077	1,609
48	40	95 751	5 216,217	71 064,070	13,624	13,155	98	90	563	1,480	2,913	1,969	1,501
49	41	95 440	4 893,397	65 847,853	13,456	12,988	99	91	311	0,770	1,434	1,863	1,395
							100	92	161	0,374	0,664	1,775	1,307

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	4 592,024	61 154,734	13,318	12,849
1							51	42	94 784	4 304,860	56 562,710	13,139	12,671
2							52	43	94 369	4 033,879	52 257,850	12,955	12,486
3							53	44	93 907	3 778,034	48 223,971	12,764	12,296
4							54	45	93 395	3 536,398	44 445,937	12,568	12,100
5							55	46	92 827	3 308,143	40 909,539	12,366	11,898
6							56	47	92 190	3 092,174	37 601,397	12,160	11,692
7							57	48	91 487	2 888,091	34 509,223	11,949	11,480
8							58	49	90 703	2 694,892	31 621,132	11,734	11,265
9	0	99 566	57 696,424	953 109,003	16,519	16,051	59	50	89 850	2 512,540	28 926,240	11,513	11,044
10	1	99 270	54 141,135	895 412,579	16,538	16,070	60	51	88 905	2 339,872	26 413,701	11,289	10,820
11	2	99 240	50 941,235	841 271,444	16,515	16,046	61	52	87 873	2 176,662	24 073,829	11,060	10,592
12	3	99 220	47 935,079	790 330,209	16,488	16,019	62	53	86 751	2 022,454	21 897,166	10,827	10,359
13	4	99 202	45 106,877	742 395,131	16,459	15,990	63	54	85 519	1 876,452	19 874,712	10,592	10,123
14	5	99 183	42 445,678	697 288,254	16,428	15,959	64	55	84 178	1 738,392	17 998,260	10,353	9,885
15	6	99 164	39 941,224	654 842,576	16,395	15,927	65	56	82 730	1 607,990	16 259,868	10,112	9,644
16	7	99 142	37 583,154	614 901,351	16,361	15,893	66	57	81 185	1 485,129	14 651,879	9,866	9,397
17	8	99 114	35 362,607	577 318,198	16,326	15,857	67	58	79 521	1 369,125	13 166,750	9,617	9,149
18	9	99 081	33 271,181	541 955,591	16,289	15,821	68	59	77 757	1 260,009	11 797,625	9,363	8,895
19	10	99 037	31 300,302	508 684,409	16,252	15,783	69	60	75 877	1 157,214	10 537,616	9,106	8,638
20	11	98 992	29 445,583	477 384,107	16,212	15,744	70	61	73 897	1 060,714	9 380,402	8,843	8,375
21	12	98 943	27 699,924	447 938,524	16,171	15,703	71	62	71 830	970,395	8 319,688	8,574	8,105
22	13	98 897	26 058,325	420 238,600	16,127	15,658	72	63	69 610	885,085	7 349,293	8,303	7,835
23	14	98 848	24 513,263	394 180,275	16,080	15,612	73	64	67 322	805,643	6 464,208	8,024	7,555
24	15	98 797	23 059,485	369 667,012	16,031	15,563	74	65	64 896	730,936	5 658,565	7,742	7,273
25	16	98 740	21 690,592	346 607,527	15,980	15,511	75	66	62 369	661,146	4 927,629	7,453	6,985
26	17	98 684	20 403,049	324 916,936	15,925	15,457	76	67	59 706	595,687	4 266,483	7,162	6,694
27	18	98 628	19 191,919	304 513,887	15,867	15,398	77	68	56 932	534,602	3 670,796	6,866	6,398
28	19	98 568	18 051,928	285 321,968	15,806	15,337	78	69	54 083	477,969	3 136,194	6,561	6,093
29	20	98 506	16 979,400	267 270,039	15,741	15,272	79	70	51 067	424,774	2 658,224	6,258	5,790
30	21	98 441	15 970,114	250 290,639	15,672	15,204	80	71	47 932	375,239	2 233,450	5,952	5,484
31	22	98 372	15 020,207	234 320,525	15,600	15,132	81	72	44 633	328,858	1 858,212	5,651	5,182
32	23	98 299	14 126,186	219 300,318	15,524	15,056	82	73	41 231	285,922	1 529,354	5,349	4,880
33	24	98 223	13 284,938	205 174,133	15,444	14,976	83	74	37 727	246,236	1 243,431	5,050	4,581
34	25	98 138	12 492,653	191 889,194	15,360	14,892	84	75	34 115	209,561	997,195	4,759	4,290
35	26	98 050	11 747,244	179 396,542	15,271	14,803	85	76	30 434	175,953	787,634	4,476	4,008
36	27	97 959	11 045,913	167 649,298	15,177	14,709	86	77	26 727	145,432	611,682	4,206	3,738
37	28	97 852	10 384,794	156 603,386	15,080	14,612	87	78	23 096	118,280	466,250	3,942	3,474
38	29	97 731	9 761,850	146 218,592	14,979	14,510	88	79	19 568	94,320	347,970	3,689	3,221
39	30	97 607	9 176,023	136 456,743	14,871	14,403	89	80	16 183	73,413	253,649	3,455	2,987
40	31	97 467	8 623,846	127 280,719	14,759	14,291	90	81	13 033	55,647	180,236	3,239	2,771
41	32	97 315	8 103,906	118 656,873	14,642	14,174	91	82	10 213	41,040	124,589	3,036	2,567
42	33	97 141	7 613,582	110 552,968	14,520	14,052	92	83	7 780	29,423	83,549	2,840	2,371
43	34	96 970	7 153,081	102 939,386	14,391	13,923	93	84	5 704	20,305	54,126	2,666	2,197
44	35	96 778	6 719,010	95 786,304	14,256	13,788	94	85	4 032	13,509	33,821	2,504	2,035
45	36	96 566	6 309,862	89 067,294	14,116	13,647	95	86	2 727	8,599	20,311	2,362	1,894
46	37	96 338	5 924,706	82 757,433	13,968	13,500	96	87	1 769	5,249	11,713	2,231	1,763
47	38	96 091	5 561,882	76 832,727	13,814	13,346	97	88	1 092	3,051	6,464	2,119	1,650
48	39	95 814	5 219,613	71 270,845	13,654	13,186	98	89	646	1,698	3,413	2,010	1,541
49	40	95 500	4 896,497	66 051,231	13,489	13,021	99	90	365	0,902	1,714	1,900	1,432
							100	91	193	0,449	0,812	1,811	1,342

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	40	95 220	4 594,933	61 337,545	13,349	12,881
							51	41	94 853	4 308,017	56 742,611	13,171	12,703
							52	42	94 445	4 037,136	52 434,594	12,988	12,520
							53	43	93 992	3 781,421	48 397,458	12,799	12,330
							54	44	93 483	3 539,746	44 616,037	12,604	12,136
							55	45	92 927	3 311,705	41 076,291	12,403	11,935
							56	46	92 299	3 095,840	37 764,586	12,198	11,730
							57	47	91 606	2 891,848	34 668,746	11,988	11,520
							58	48	90 840	2 698,986	31 776,898	11,774	11,305
							59	49	90 002	2 516,778	29 077,911	11,554	11,085
10	0	99 558	54 298,158	895 862,593	16,499	16,031	60	50	89 070	2 344,194	26 561,133	11,331	10,862
11	1	99 262	50 952,568	841 564,435	16,517	16,048	61	51	88 056	2 181,192	24 216,939	11,103	10,634
12	2	99 233	47 941,378	790 611,867	16,491	16,023	62	52	86 942	2 026,923	22 035,747	10,872	10,403
13	3	99 212	45 111,374	742 670,489	16,463	15,995	63	53	85 731	1 881,114	20 008,824	10,637	10,168
14	4	99 192	42 449,586	697 559,115	16,433	15,964	64	54	84 411	1 743,193	18 127,710	10,399	9,931
15	5	99 171	39 943,938	655 109,529	16,401	15,932	65	55	82 989	1 613,010	16 384,517	10,158	9,689
16	6	99 149	37 585,898	615 165,591	16,367	15,899	66	56	81 460	1 490,168	14 771,507	9,913	9,444
17	7	99 119	35 364,291	577 579,693	16,332	15,864	67	57	79 821	1 374,287	13 281,339	9,664	9,196
18	8	99 088	33 273,579	542 215,401	16,296	15,827	68	58	78 083	1 265,290	11 907,052	9,411	8,942
19	9	99 042	31 301,966	508 941,822	16,259	15,791	69	59	76 230	1 162,602	10 641,762	9,153	8,685
20	10	98 997	29 447,220	477 639,856	16,220	15,752	70	60	74 277	1 066,180	9 479,160	8,891	8,422
21	11	98 951	27 702,054	448 192,636	16,179	15,711	71	61	72 233	975,846	8 412,980	8,621	8,153
22	12	98 903	26 059,972	420 490,582	16,135	15,667	72	62	70 038	890,537	7 437,134	8,351	7,883
23	13	98 856	24 515,201	394 430,610	16,089	15,621	73	63	67 780	811,126	6 546,597	8,071	7,603
24	14	98 806	23 061,612	369 915,409	16,040	15,572	74	64	65 381	736,392	5 735,471	7,789	7,320
25	15	98 752	21 693,103	346 853,797	15,989	15,521	75	65	62 873	666,487	4 999,079	7,501	7,032
26	16	98 697	20 405,658	325 160,694	15,935	15,466	76	66	60 233	600,950	4 332,592	7,210	6,741
27	17	98 641	19 194,408	304 755,036	15,877	15,409	77	67	57 470	539,652	3 731,642	6,915	6,447
28	18	98 584	18 054,859	285 560,629	15,816	15,348	78	68	54 640	482,897	3 191,990	6,610	6,142
29	19	98 522	16 982,192	267 505,770	15,752	15,284	79	69	51 664	429,736	2 709,093	6,304	5,836
30	20	98 457	15 972,728	250 523,578	15,684	15,216	80	70	48 541	380,009	2 279,357	5,998	5,530
31	21	98 389	15 022,758	234 550,850	15,613	15,145	81	71	45 258	333,464	1 899,348	5,696	5,227
32	22	98 316	14 128,556	219 528,092	15,538	15,070	82	72	41 856	290,261	1 565,884	5,395	4,926
33	23	98 239	13 287,111	205 399,536	15,459	14,990	83	73	38 369	250,427	1 275,623	5,094	4,625
34	24	98 154	12 494,705	192 112,424	15,376	14,907	84	74	34 747	213,444	1 025,195	4,803	4,335
35	25	98 069	11 749,528	179 617,719	15,287	14,819	85	75	31 059	179,566	811,752	4,521	4,052
36	26	97 976	11 047,882	167 868,192	15,195	14,726	86	76	27 332	148,726	632,186	4,251	3,782
37	27	97 872	10 386,972	156 820,310	15,098	14,629	87	77	23 662	121,181	483,460	3,990	3,521
38	28	97 754	9 764,173	146 433,338	14,997	14,529	88	78	20 116	96,958	362,279	3,736	3,268
39	29	97 632	9 178,288	136 669,164	14,890	14,422	89	79	16 697	75,746	265,321	3,503	3,034
40	30	97 495	8 626,285	127 490,876	14,779	14,311	90	80	13 509	57,681	189,574	3,287	2,818
41	31	97 347	8 106,516	118 864,591	14,663	14,194	91	81	10 643	42,769	131,893	3,084	2,616
42	32	97 174	7 616,140	110 758,075	14,543	14,074	92	82	8 163	30,875	89,124	2,887	2,418
43	33	97 004	7 155,588	103 141,934	14,414	13,946	93	83	6 037	21,491	58,250	2,710	2,242
44	34	96 815	6 721,576	95 986,347	14,280	13,812	94	84	4 307	14,430	36,758	2,547	2,079
45	35	96 611	6 312,810	89 264,771	14,140	13,672	95	85	2 944	9,283	22,329	2,405	1,937
46	36	96 384	5 927,533	82 951,961	13,994	13,526	96	86	1 934	5,739	13,046	2,273	1,805
47	37	96 139	5 564,692	77 024,429	13,842	13,373	97	87	1 212	3,386	7,308	2,158	1,690
48	38	95 867	5 222,507	71 459,737	13,683	13,215	98	88	729	1,915	3,921	2,047	1,579
49	39	95 562	4 899,685	66 237,230	13,519	13,050	99	89	419	1,036	2,006	1,937	1,468
							100	90	226	0,526	0,970	1,845	1,376

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	39	95 282	4 597,925	61 504,693	13,377	12,908
1							51	40	94 914	4 310,747	56 906,768	13,201	12,733
2							52	41	94 514	4 040,097	52 596,021	13,019	12,550
3							53	42	94 067	3 784,474	48 555,924	12,830	12,362
4							54	43	93 567	3 542,919	44 771,449	12,637	12,169
5							55	44	93 015	3 314,840	41 228,530	12,438	11,969
6							56	45	92 399	3 099,174	37 913,690	12,233	11,765
7							57	46	91 715	2 895,277	34 814,516	12,025	11,556
8							58	47	90 959	2 702,498	31 919,239	11,811	11,343
9							59	48	90 139	2 520,602	29 216,741	11,591	11,123
10							60	49	89 220	2 348,149	26 696,139	11,369	10,901
11	0	99 550	51 100,343	841 979,984	16,477	16,009	61	50	88 219	2 185,221	24 347,990	11,142	10,674
12	1	99 255	47 952,043	790 879,641	16,493	16,025	62	51	87 123	2 031,140	22 162,769	10,911	10,443
13	2	99 225	45 117,303	742 927,598	16,467	15,998	63	52	85 920	1 885,270	20 131,629	10,678	10,210
14	3	99 202	42 453,818	697 810,295	16,437	15,969	64	53	84 620	1 747,525	18 246,359	10,441	9,973
15	4	99 180	39 947,616	655 356,476	16,405	15,937	65	54	83 218	1 617,465	16 498,834	10,200	9,732
16	5	99 156	37 588,452	615 408,861	16,372	15,904	66	55	81 714	1 494,821	14 881,369	9,955	9,487
17	6	99 126	35 366,874	577 820,409	16,338	15,870	67	56	80 092	1 378,950	13 386,549	9,708	9,239
18	7	99 093	33 275,164	542 453,535	16,302	15,834	68	57	78 378	1 270,061	12 007,599	9,454	8,986
19	8	99 050	31 304,222	509 178,371	16,265	15,797	69	58	76 550	1 167,474	10 737,538	9,197	8,729
20	9	99 003	29 448,785	477 874,149	16,227	15,759	70	59	74 623	1 071,144	9 570,064	8,934	8,466
21	10	98 956	27 703,594	448 425,364	16,187	15,718	71	60	72 605	980,875	8 498,920	8,665	8,196
22	11	98 911	26 061,977	420 721,769	16,143	15,675	72	61	70 432	895,539	7 518,045	8,395	7,927
23	12	98 862	24 516,750	394 659,793	16,098	15,629	73	62	68 197	816,123	6 622,505	8,115	7,646
24	13	98 814	23 063,435	370 143,043	16,049	15,581	74	63	65 826	741,404	5 806,383	7,832	7,363
25	14	98 761	21 695,104	347 079,608	15,998	15,530	75	64	63 342	671,462	5 064,979	7,543	7,075
26	15	98 708	20 408,020	325 384,503	15,944	15,476	76	65	60 720	605,805	4 393,517	7,252	6,784
27	16	98 653	19 196,862	304 976,483	15,887	15,418	77	66	57 978	544,420	3 787,712	6,957	6,489
28	17	98 596	18 057,200	285 779,621	15,826	15,358	78	67	55 156	487,458	3 243,292	6,653	6,185
29	18	98 538	16 984,949	267 722,421	15,762	15,294	79	68	52 197	434,166	2 755,834	6,347	5,879
30	19	98 473	15 975,354	250 737,472	15,695	15,227	80	69	49 108	384,448	2 321,668	6,039	5,571
31	20	98 405	15 025,217	234 762,118	15,625	15,156	81	70	45 833	337,703	1 937,220	5,736	5,268
32	21	98 333	14 130,955	219 736,901	15,550	15,082	82	71	42 443	294,327	1 599,517	5,434	4,966
33	22	98 256	13 289,341	205 605,946	15,471	15,003	83	72	38 952	254,228	1 305,190	5,134	4,666
34	23	98 170	12 496,749	192 316,605	15,389	14,921	84	73	35 338	217,077	1 050,962	4,841	4,373
35	24	98 085	11 751,458	179 819,856	15,302	14,834	85	74	31 634	182,893	833,885	4,559	4,091
36	25	97 995	11 050,030	168 068,398	15,210	14,741	86	75	27 893	151,780	650,993	4,289	3,821
37	26	97 890	10 388,824	157 018,367	15,114	14,646	87	76	24 198	123,926	499,213	4,028	3,560
38	27	97 775	9 766,222	146 629,544	15,014	14,546	88	77	20 609	99,336	375,287	3,778	3,310
39	28	97 655	9 180,473	136 863,322	14,908	14,440	89	78	17 164	77,865	275,951	3,544	3,076
40	29	97 519	8 628,415	127 682,849	14,798	14,330	90	79	13 939	59,514	198,086	3,328	2,860
41	30	97 374	8 108,809	119 054,434	14,682	14,214	91	80	11 032	44,332	138,571	3,126	2,657
42	31	97 205	7 618,593	110 945,625	14,562	14,094	92	81	8 507	32,175	94,239	2,929	2,461
43	32	97 037	7 157,992	103 327,032	14,435	13,967	93	82	6 335	22,551	62,064	2,752	2,284
44	33	96 849	6 723,931	96 169,040	14,303	13,834	94	83	4 559	15,272	39,513	2,587	2,119
45	34	96 648	6 315,221	89 445,109	14,163	13,695	95	84	3 145	9,915	24,240	2,445	1,976
46	35	96 429	5 930,302	83 129,888	14,018	13,549	96	85	2 087	6,195	14,325	2,312	1,844
47	36	96 185	5 567,347	77 199,586	13,866	13,398	97	86	1 325	3,702	8,130	2,196	1,728
48	37	95 915	5 225,146	71 632,240	13,709	13,241	98	87	809	2,126	4,428	2,083	1,614
49	38	95 615	4 902,401	66 407,094	13,546	13,077	99	88	472	1,168	2,302	1,971	1,502
							100	89	259	0,604	1,134	1,878	1,410

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	4 600,474	61 657,302	13,402	12,934
1							51	39	94 975	4 313,553	57 056,828	13,227	12,759
2							52	40	94 574	4 042,657	52 743,275	13,047	12,578
3							53	41	94 136	3 787,250	48 700,618	12,859	12,391
4							54	42	93 643	3 545,780	44 913,367	12,667	12,198
5							55	43	93 099	3 317,812	41 367,587	12,468	12,000
6							56	44	92 486	3 102,108	38 049,775	12,266	11,797
7							57	45	91 814	2 898,394	34 947,667	12,058	11,589
8							58	46	91 066	2 705,702	32 049,273	11,845	11,377
9							59	47	90 256	2 523,882	29 343,571	11,626	11,158
10							60	48	89 356	2 351,717	26 819,689	11,404	10,936
11							61	49	88 368	2 188,907	24 467,973	11,178	10,710
12	0	99 543	48 091,117	791 263,405	16,453	15,985	62	50	87 284	2 034,892	22 279,065	10,949	10,480
13	1	99 247	45 127,340	743 172,289	16,468	16,000	63	51	86 099	1 889,193	20 244,173	10,716	10,247
14	2	99 215	42 459,398	698 044,949	16,440	15,972	64	52	84 807	1 751,386	18 354,980	10,480	10,012
15	3	99 190	39 951,599	655 585,551	16,409	15,941	65	53	83 425	1 621,484	16 603,594	10,240	9,771
16	4	99 165	37 591,912	615 633,952	16,377	15,908	66	54	81 940	1 498,949	14 982,111	9,995	9,527
17	5	99 133	35 369,277	578 042,040	16,343	15,875	67	55	80 342	1 383,255	13 483,161	9,747	9,279
18	6	99 100	33 277,594	542 672,763	16,307	15,839	68	56	78 644	1 274,370	12 099,906	9,495	9,026
19	7	99 054	31 305,713	509 395,169	16,272	15,803	69	57	76 838	1 171,876	10 825,536	9,238	8,769
20	8	99 010	29 450,908	478 089,457	16,233	15,765	70	58	74 936	1 075,634	9 653,660	8,975	8,507
21	9	98 962	27 705,067	448 638,549	16,193	15,725	71	59	72 943	985,442	8 578,027	8,705	8,236
22	10	98 916	26 063,426	420 933,482	16,150	15,682	72	60	70 795	900,154	7 592,585	8,435	7,966
23	11	98 869	24 518,636	394 870,056	16,105	15,637	73	61	68 581	820,707	6 692,430	8,154	7,686
24	12	98 820	23 064,893	370 351,420	16,057	15,589	74	62	66 231	745,971	5 871,723	7,871	7,403
25	13	98 769	21 696,819	347 286,528	16,006	15,538	75	63	63 773	676,032	5 125,753	7,582	7,114
26	14	98 717	20 409,903	325 589,708	15,953	15,484	76	64	61 173	610,327	4 449,720	7,291	6,822
27	15	98 665	19 199,084	305 179,805	15,896	15,427	77	65	58 446	548,818	3 839,394	6,996	6,527
28	16	98 609	18 059,508	285 980,721	15,835	15,365	78	66	55 644	491,765	3 290,576	6,691	6,223
29	17	98 551	16 987,151	267 921,212	15,772	15,304	79	67	52 690	438,267	2 798,811	6,386	5,918
30	18	98 489	15 977,948	250 934,061	15,705	15,237	80	68	49 614	388,411	2 360,543	6,077	5,609
31	19	98 421	15 027,687	234 956,113	15,635	15,167	81	69	46 368	341,648	1 972,132	5,772	5,304
32	20	98 349	14 133,269	219 928,426	15,561	15,093	82	70	42 982	298,068	1 630,484	5,470	5,002
33	21	98 273	13 291,598	205 795,157	15,483	15,015	83	71	39 497	257,789	1 332,416	5,169	4,700
34	22	98 187	12 498,846	192 503,559	15,402	14,933	84	72	35 874	220,371	1 074,627	4,876	4,408
35	23	98 102	11 753,381	180 004,713	15,315	14,847	85	73	32 173	186,006	854,256	4,593	4,124
36	24	98 011	11 051,846	168 251,333	15,224	14,755	86	74	28 410	154,592	668,250	4,323	3,854
37	25	97 909	10 390,844	157 199,487	15,129	14,660	87	75	24 695	126,471	513,658	4,061	3,593
38	26	97 792	9 767,963	146 808,643	15,030	14,561	88	76	21 076	101,586	387,188	3,811	3,343
39	27	97 675	9 182,399	137 040,680	14,924	14,456	89	77	17 585	79,775	285,601	3,580	3,112
40	28	97 542	8 630,469	127 858,281	14,815	14,346	90	78	14 329	61,179	205,827	3,364	2,896
41	29	97 398	8 110,811	119 227,813	14,700	14,232	91	79	11 383	45,741	144,648	3,162	2,694
42	30	97 233	7 620,748	111 117,002	14,581	14,112	92	80	8 818	33,351	98,907	2,966	2,497
43	31	97 068	7 160,298	103 496,254	14,454	13,986	93	81	6 602	23,501	65,556	2,789	2,321
44	32	96 882	6 726,190	96 335,956	14,323	13,854	94	82	4 783	16,026	42,055	2,624	2,156
45	33	96 681	6 317,433	89 609,766	14,185	13,716	95	83	3 328	10,495	26,029	2,480	2,012
46	34	96 466	5 932,567	83 292,332	14,040	13,571	96	84	2 230	6,617	15,534	2,348	1,879
47	35	96 230	5 569,947	77 359,766	13,889	13,420	97	85	1 431	3,997	8,917	2,231	1,763
48	36	95 961	5 227,638	71 789,818	13,733	13,264	98	86	884	2,324	4,921	2,117	1,649
49	37	95 663	4 904,878	66 562,180	13,571	13,102	99	87	524	1,297	2,596	2,002	1,534
							100	88	292	0,681	1,300	1,909	1,441

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	37	95 383	4 602,798	61 796,598	13,426	12,958
1							51	38	95 028	4 315,945	57 193,800	13,252	12,783
2							52	39	94 636	4 045,289	52 877,855	13,071	12,603
3							53	40	94 196	3 789,650	48 832,566	12,886	12,417
4							54	41	93 712	3 548,381	45 042,917	12,694	12,226
5							55	42	93 174	3 320,491	41 494,536	12,497	12,028
6							56	43	92 569	3 104,889	38 174,044	12,295	11,826
7							57	44	91 901	2 901,139	35 069,156	12,088	11,620
8							58	45	91 165	2 708,616	32 168,017	11,876	11,408
9							59	46	90 363	2 526,874	29 459,402	11,658	11,190
10							60	47	89 472	2 354,776	26 932,528	11,437	10,969
11							61	48	88 502	2 192,233	24 577,751	11,211	10,743
12							62	49	87 431	2 038,325	22 385,518	10,982	10,514
13	0	99 535	45 258,221	743 526,737	16,429	15,960	63	50	86 258	1 892,683	20 347,193	10,750	10,282
14	1	99 237	42 468,843	698 268,516	16,442	15,974	64	51	84 984	1 755,030	18 454,510	10,515	10,047
15	2	99 203	39 956,849	655 799,673	16,413	15,944	65	52	83 609	1 625,066	16 699,480	10,276	9,808
16	3	99 175	37 595,661	615 842,823	16,381	15,912	66	53	82 144	1 502,674	15 074,414	10,032	9,563
17	4	99 142	35 372,533	578 247,163	16,347	15,879	67	54	80 564	1 387,075	13 571,740	9,784	9,316
18	5	99 107	33 279,855	542 874,630	16,312	15,844	68	55	78 889	1 278,349	12 184,665	9,532	9,063
19	6	99 062	31 307,999	509 594,775	16,277	15,808	69	56	77 099	1 175,853	10 906,316	9,275	8,807
20	7	99 014	29 452,311	478 286,776	16,239	15,771	70	57	75 218	1 079,689	9 730,464	9,012	8,544
21	8	98 969	27 707,064	448 834,465	16,199	15,731	71	58	73 249	989,572	8 650,775	8,742	8,274
22	9	98 922	26 064,811	421 127,402	16,157	15,689	72	59	71 124	904,345	7 661,203	8,472	8,003
23	10	98 875	24 519,999	395 062,591	16,112	15,643	73	60	68 934	824,937	6 756,857	8,191	7,722
24	11	98 828	23 066,667	370 542,592	16,064	15,596	74	61	66 603	750,161	5 931,921	7,908	7,439
25	12	98 775	21 698,191	347 475,925	16,014	15,546	75	62	64 166	680,196	5 181,760	7,618	7,150
26	13	98 725	20 411,516	325 777,735	15,960	15,492	76	63	61 590	614,481	4 501,563	7,326	6,857
27	14	98 674	19 200,856	305 366,218	15,904	15,435	77	64	58 882	552,914	3 887,083	7,030	6,562
28	15	98 620	18 061,600	286 165,362	15,844	15,376	78	65	56 093	495,738	3 334,168	6,726	6,257
29	16	98 563	16 989,323	268 103,763	15,781	15,312	79	66	53 155	442,140	2 838,430	6,420	5,951
30	17	98 502	15 980,020	251 114,440	15,714	15,246	80	67	50 083	392,080	2 396,291	6,112	5,643
31	18	98 437	15 030,127	235 134,420	15,644	15,176	81	68	46 847	345,170	2 004,211	5,806	5,338
32	19	98 365	14 135,592	220 104,293	15,571	15,103	82	69	43 484	301,550	1 659,041	5,502	5,033
33	20	98 289	13 293,774	205 968,701	15,494	15,025	83	70	39 999	261,066	1 357,491	5,200	4,731
34	21	98 204	12 500,969	192 674,927	15,413	14,944	84	71	36 377	223,458	1 096,425	4,907	4,438
35	22	98 118	11 755,353	180 173,958	15,327	14,859	85	72	32 661	188,828	872,967	4,623	4,155
36	23	98 027	11 053,654	168 418,605	15,236	14,768	86	73	28 894	157,223	684,139	4,351	3,883
37	24	97 925	10 392,551	157 364,952	15,142	14,674	87	74	25 152	128,814	526,915	4,091	3,622
38	25	97 811	9 769,862	146 972,401	15,043	14,575	88	75	21 508	103,672	398,102	3,840	3,372
39	26	97 693	9 184,036	137 202,539	14,939	14,471	89	76	17 983	81,582	294,429	3,609	3,141
40	27	97 563	8 632,279	128 018,503	14,830	14,362	90	77	14 680	62,679	212,848	3,396	2,927
41	28	97 421	8 112,741	119 386,224	14,716	14,248	91	78	11 701	47,021	150,168	3,194	2,725
42	29	97 257	7 622,629	111 273,482	14,598	14,129	92	79	9 098	34,411	103,148	2,998	2,529
43	30	97 095	7 162,323	103 650,853	14,472	14,003	93	80	6 843	24,360	68,736	2,822	2,353
44	31	96 913	6 728,357	96 488,530	14,341	13,872	94	81	4 985	16,701	44,377	2,657	2,189
45	32	96 714	6 319,556	89 760,173	14,204	13,735	95	82	3 492	11,012	27,676	2,513	2,045
46	33	96 500	5 934,645	83 440,617	14,060	13,592	96	83	2 360	7,004	16,664	2,379	1,911
47	34	96 267	5 572,075	77 505,972	13,910	13,441	97	84	1 528	4,269	9,660	2,263	1,795
48	35	96 006	5 230,081	71 933,897	13,754	13,286	98	85	954	2,509	5,391	2,149	1,680
49	36	95 709	4 907,218	66 703,816	13,593	13,125	99	86	573	1,417	2,882	2,033	1,565
							100	87	325	0,756	1,465	1,938	1,470

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	4 604,994	61 923,785	13,447	12,979
1							51	37	95 076	4 318,125	57 318,791	13,274	12,806
2							52	38	94 688	4 047,532	53 000,666	13,095	12,626
3							53	39	94 257	3 792,117	48 953,134	12,909	12,441
4							54	40	93 771	3 550,629	45 161,017	12,719	12,251
5							55	41	93 242	3 322,927	41 610,388	12,522	12,054
6							56	42	92 644	3 107,396	38 287,461	12,321	11,853
7							57	43	91 983	2 903,739	35 180,065	12,115	11,647
8							58	44	91 251	2 711,180	32 276,326	11,905	11,437
9							59	45	90 460	2 529,595	29 565,146	11,688	11,219
10							60	46	89 578	2 357,568	27 035,551	11,468	10,999
11							61	47	88 617	2 195,085	24 677,983	11,242	10,774
12							62	48	87 564	2 041,422	22 482,897	11,013	10,545
13							63	49	86 404	1 895,876	20 441,475	10,782	10,314
14	0	99 525	42 592,014	698 595,925	16,402	15,934	64	50	85 141	1 758,272	18 545,599	10,548	10,079
15	1	99 225	39 965,738	656 003,911	16,414	15,946	65	51	83 783	1 628,448	16 787,328	10,309	9,840
16	2	99 188	37 600,602	616 038,173	16,384	15,915	66	52	82 325	1 505,993	15 158,880	10,066	9,597
17	3	99 152	35 376,060	578 437,572	16,351	15,883	67	53	80 764	1 390,522	13 652,887	9,819	9,350
18	4	99 116	33 282,919	543 061,512	16,317	15,848	68	54	79 107	1 281,879	12 262,365	9,566	9,098
19	5	99 068	31 310,126	509 778,593	16,282	15,813	69	55	77 340	1 179,524	10 980,485	9,309	8,841
20	6	99 022	29 454,461	478 468,467	16,244	15,776	70	56	75 474	1 083,353	9 800,962	9,047	8,579
21	7	98 973	27 708,384	449 014,006	16,205	15,737	71	57	73 525	993,303	8 717,609	8,776	8,308
22	8	98 929	26 066,689	421 305,622	16,163	15,694	72	58	71 422	908,136	7 724,306	8,506	8,037
23	9	98 880	24 521,302	395 238,933	16,118	15,650	73	59	69 255	828,778	6 816,170	8,224	7,756
24	10	98 833	23 067,949	370 717,630	16,071	15,602	74	60	66 947	754,027	6 000,962	7,941	7,472
25	11	98 783	21 699,859	347 649,681	16,021	15,552	75	61	64 526	684,017	5 233,366	7,651	7,183
26	12	98 731	20 412,806	325 949,822	15,968	15,500	76	62	61 969	618,266	4 549,349	7,358	6,890
27	13	98 682	19 202,373	305 537,016	15,911	15,443	77	63	59 283	556,678	3 931,083	7,062	6,593
28	14	98 629	18 063,266	286 334,642	15,852	15,383	78	64	56 512	499,438	3 374,405	6,756	6,288
29	15	98 575	16 991,290	268 271,376	15,789	15,320	79	65	53 585	445,711	2 874,967	6,450	5,982
30	16	98 515	15 982,063	251 280,086	15,723	15,254	80	66	50 525	395,544	2 429,256	6,142	5,673
31	17	98 450	15 032,076	235 298,023	15,653	15,185	81	67	47 289	348,431	2 033,712	5,837	5,368
32	18	98 381	14 137,887	220 265,947	15,580	15,111	82	68	43 933	304,659	1 685,281	5,532	5,063
33	19	98 305	13 295,959	206 128,060	15,503	15,035	83	69	40 466	264,115	1 380,622	5,227	4,759
34	20	98 220	12 503,015	192 832,101	15,423	14,954	84	70	36 839	226,298	1 116,507	4,934	4,465
35	21	98 135	11 757,349	180 329,086	15,338	14,869	85	71	33 118	191,473	890,209	4,649	4,181
36	22	98 044	11 055,508	168 571,736	15,248	14,779	86	72	29 332	159,609	698,735	4,378	3,909
37	23	97 941	10 394,251	157 516,228	15,154	14,686	87	73	25 581	131,006	539,126	4,115	3,647
38	24	97 827	9 771,467	147 121,977	15,056	14,588	88	74	21 907	105,593	408,120	3,865	3,397
39	25	97 712	9 185,822	137 350,509	14,952	14,484	89	75	18 352	83,257	302,526	3,634	3,165
40	26	97 580	8 633,818	128 164,688	14,844	14,376	90	76	15 013	64,099	219,270	3,421	2,952
41	27	97 442	8 114,443	119 530,870	14,731	14,262	91	77	11 988	48,174	155,171	3,221	2,753
42	28	97 280	7 624,444	111 416,426	14,613	14,145	92	78	9 353	35,374	106,997	3,025	2,556
43	29	97 119	7 164,091	103 791,982	14,488	14,019	93	79	7 061	25,134	71,623	2,850	2,381
44	30	96 940	6 730,260	96 627,891	14,357	13,889	94	80	5 167	17,311	46,489	2,685	2,217
45	31	96 745	6 321,592	89 897,631	14,221	13,752	95	81	3 639	11,476	29,178	2,543	2,074
46	32	96 532	5 936,639	83 576,040	14,078	13,610	96	82	2 476	7,349	17,702	2,409	1,940
47	33	96 301	5 574,027	77 639,400	13,929	13,460	97	83	1 618	4,518	10,353	2,291	1,823
48	34	96 042	5 232,078	72 065,373	13,774	13,305	98	84	1 019	2,680	5,834	2,177	1,709
49	35	95 754	4 909,510	66 833,295	13,613	13,145	99	85	618	1,530	3,154	2,061	1,593
							100	86	355	0,826	1,624	1,966	1,497

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	4 607,146	62 040,033	13,466	12,998
1							51	36	95 121	4 320,185	57 432,887	13,294	12,826
2							52	37	94 736	4 049,577	53 112,702	13,116	12,647
3							53	38	94 310	3 794,219	49 063,126	12,931	12,463
4							54	39	93 832	3 552,941	45 268,906	12,741	12,273
5							55	40	93 301	3 325,032	41 715,965	12,546	12,078
6							56	41	92 712	3 109,675	38 390,934	12,346	11,877
7							57	42	92 057	2 906,084	35 281,258	12,140	11,672
8							58	43	91 333	2 713,611	32 375,174	11,931	11,462
9							59	44	90 546	2 531,990	29 661,564	11,715	11,246
10							60	45	89 674	2 360,107	27 129,574	11,495	11,027
11							61	46	88 722	2 197,688	24 769,467	11,271	10,802
12							62	47	87 678	2 044,078	22 571,779	11,043	10,574
13							63	48	86 535	1 898,756	20 527,701	10,811	10,343
14							64	49	85 285	1 761,238	18 628,945	10,577	10,109
15	0	99 513	40 081,649	656 306,377	16,374	15,906	65	50	83 938	1 631,456	16 867,707	10,339	9,871
16	1	99 210	37 608,966	616 224,728	16,385	15,917	66	51	82 497	1 509,127	15 236,251	10,096	9,628
17	2	99 165	35 380,709	578 615,762	16,354	15,886	67	52	80 942	1 393,594	13 727,124	9,850	9,382
18	3	99 126	33 286,238	543 235,053	16,320	15,852	68	53	79 304	1 285,064	12 333,530	9,598	9,129
19	4	99 077	31 313,008	509 948,815	16,286	15,817	69	54	77 553	1 182,781	11 048,465	9,341	8,873
20	5	99 028	29 456,463	478 635,807	16,249	15,781	70	55	75 709	1 086,735	9 865,684	9,078	8,610
21	6	98 981	27 710,407	449 179,344	16,210	15,741	71	56	73 775	996,673	8 778,949	8,808	8,340
22	7	98 933	26 067,931	421 468,938	16,168	15,700	72	57	71 692	911,560	7 782,276	8,537	8,069
23	8	98 887	24 523,070	395 401,006	16,124	15,655	73	58	69 545	832,251	6 870,716	8,256	7,787
24	9	98 839	23 069,175	370 877,937	16,077	15,608	74	59	67 258	757,538	6 038,465	7,971	7,503
25	10	98 788	21 701,066	347 808,762	16,027	15,559	75	60	64 859	687,542	5 280,927	7,681	7,213
26	11	98 739	20 414,376	326 107,696	15,974	15,506	76	61	62 317	621,739	4 593,385	7,388	6,920
27	12	98 688	19 203,587	305 693,319	15,919	15,450	77	62	59 648	560,107	3 971,646	7,091	6,623
28	13	98 637	18 064,694	286 489,732	15,859	15,391	78	63	56 896	502,837	3 411,540	6,785	6,316
29	14	98 584	16 992,858	268 425,038	15,796	15,328	79	64	53 985	449,038	2 908,702	6,478	6,009
30	15	98 526	15 983,913	251 432,181	15,730	15,262	80	65	50 934	398,739	2 459,664	6,169	5,700
31	16	98 463	15 033,998	235 448,267	15,661	15,193	81	66	47 707	351,509	2 060,925	5,863	5,395
32	17	98 394	14 139,720	220 414,270	15,588	15,120	82	67	44 348	307,537	1 709,416	5,558	5,090
33	18	98 321	13 298,118	206 274,549	15,512	15,043	83	68	40 884	266,838	1 401,879	5,254	4,785
34	19	98 236	12 505,071	192 976,431	15,432	14,964	84	69	37 270	228,942	1 135,041	4,958	4,489
35	20	98 151	11 759,274	180 471,361	15,347	14,879	85	70	33 539	193,907	906,099	4,673	4,204
36	21	98 061	11 057,386	168 712,087	15,258	14,790	86	71	29 743	161,845	712,192	4,400	3,932
37	22	97 957	10 395,995	157 654,701	15,165	14,697	87	72	25 969	132,994	550,347	4,138	3,670
38	23	97 843	9 773,066	147 258,706	15,068	14,599	88	73	22 280	107,390	417,352	3,886	3,418
39	24	97 728	9 187,331	137 485,640	14,965	14,496	89	74	18 693	84,799	309,962	3,655	3,187
40	25	97 599	8 635,497	128 298,309	14,857	14,389	90	75	15 321	65,415	225,162	3,442	2,974
41	26	97 459	8 115,890	119 662,812	14,744	14,276	91	76	12 259	49,265	159,747	3,243	2,774
42	27	97 300	7 626,044	111 546,922	14,627	14,159	92	77	9 582	36,241	110,482	3,049	2,580
43	28	97 142	7 165,796	103 920,878	14,502	14,034	93	78	7 258	25,837	74,241	2,873	2,405
44	29	96 964	6 731,921	96 755,082	14,373	13,904	94	79	5 331	17,861	48,404	2,710	2,242
45	30	96 772	6 323,380	90 023,161	14,237	13,768	95	80	3 772	11,895	30,542	2,568	2,099
46	31	96 563	5 938,552	83 699,781	14,094	13,626	96	81	2 581	7,659	18,647	2,435	1,966
47	32	96 333	5 575,900	77 761,229	13,946	13,478	97	82	1 697	4,741	10,988	2,318	1,849
48	33	96 076	5 233,911	72 185,329	13,792	13,323	98	83	1 079	2,837	6,247	2,202	1,734
49	34	95 790	4 911,385	66 951,418	13,632	13,164	99	84	661	1,634	3,410	2,087	1,618
							100	85	383	0,892	1,776	1,991	1,523

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	4 608,905	62 146,055	13,484	13,016
1							51	35	95 166	4 322,203	57 537,150	13,312	12,844
2							52	36	94 781	4 051,509	53 214,947	13,135	12,666
3							53	37	94 357	3 796,136	49 163,438	12,951	12,483
4							54	38	93 884	3 554,911	45 367,302	12,762	12,294
5							55	39	93 362	3 327,197	41 812,392	12,567	12,098
6							56	40	92 771	3 111,645	38 485,195	12,368	11,900
7							57	41	92 125	2 908,216	35 373,550	12,163	11,695
8							58	42	91 406	2 715,802	32 465,334	11,954	11,486
9							59	43	90 627	2 534,260	29 749,532	11,739	11,271
10							60	44	89 759	2 362,341	27 215,272	11,520	11,052
11							61	45	88 818	2 200,054	24 852,931	11,297	10,828
12							62	46	87 782	2 046,502	22 652,877	11,069	10,601
13							63	47	86 648	1 901,227	20 606,375	10,838	10,370
14							64	48	85 414	1 763,914	18 705,148	10,604	10,136
15							65	49	84 079	1 634,208	16 941,234	10,367	9,898
16	0	99 497	37 718,042	616 504,181	16,345	15,877	66	50	82 649	1 511,915	15 307,026	10,124	9,656
17	1	99 187	35 388,580	578 786,139	16,355	15,887	67	51	81 111	1 396,494	13 795,111	9,878	9,410
18	2	99 139	33 290,612	543 397,559	16,323	15,854	68	52	79 479	1 287,903	12 398,618	9,627	9,159
19	3	99 087	31 316,131	510 106,947	16,289	15,821	69	53	77 746	1 185,720	11 110,714	9,370	8,902
20	4	99 037	29 459,174	478 790,817	16,253	15,784	70	54	75 918	1 089,737	9 924,994	9,108	8,639
21	5	98 987	27 712,290	449 331,642	16,214	15,746	71	55	74 005	999,785	8 835,257	8,837	8,369
22	6	98 941	26 069,835	421 619,352	16,173	15,704	72	56	71 935	914,653	7 835,472	8,567	8,098
23	7	98 892	24 524,238	395 549,518	16,129	15,661	73	57	69 807	835,389	6 920,820	8,285	7,816
24	8	98 846	23 070,838	371 025,280	16,082	15,614	74	58	67 540	760,713	6 085,431	8,000	7,531
25	9	98 793	21 702,219	347 954,442	16,033	15,565	75	59	65 161	690,743	5 324,718	7,709	7,240
26	10	98 744	20 415,511	326 252,223	15,981	15,512	76	60	62 638	624,943	4 633,975	7,415	6,947
27	11	98 695	19 205,064	305 836,712	15,925	15,456	77	61	59 983	563,253	4 009,032	7,118	6,649
28	12	98 643	18 065,836	286 631,648	15,866	15,398	78	62	57 247	505,935	3 445,779	6,811	6,342
29	13	98 592	16 994,201	268 565,812	15,803	15,335	79	63	54 352	452,094	2 939,844	6,503	6,034
30	14	98 535	15 985,388	251 571,611	15,738	15,269	80	64	51 314	401,716	2 487,750	6,193	5,724
31	15	98 474	15 035,738	235 586,223	15,668	15,200	81	65	48 092	354,349	2 086,034	5,887	5,419
32	16	98 406	14 141,528	220 550,485	15,596	15,128	82	66	44 739	310,254	1 731,686	5,582	5,113
33	17	98 333	13 299,842	206 408,956	15,520	15,051	83	67	41 270	269,359	1 421,431	5,277	4,809
34	18	98 252	12 507,101	193 109,114	15,440	14,972	84	68	37 654	231,302	1 152,073	4,981	4,512
35	19	98 167	11 761,207	180 602,013	15,356	14,887	85	69	33 931	196,172	920,771	4,694	4,225
36	20	98 077	11 059,196	168 840,806	15,267	14,799	86	70	30 121	163,902	724,599	4,421	3,953
37	21	97 974	10 397,761	157 781,610	15,175	14,706	87	71	26 333	134,857	560,696	4,158	3,689
38	22	97 860	9 774,706	147 383,849	15,078	14,610	88	72	22 618	109,020	425,839	3,906	3,438
39	23	97 744	9 188,834	137 609,143	14,976	14,507	89	73	19 011	86,243	316,819	3,674	3,205
40	24	97 615	8 636,916	128 420,310	14,869	14,400	90	74	15 605	66,627	230,576	3,461	2,992
41	25	97 478	8 117,468	119 783,394	14,756	14,288	91	75	12 511	50,277	163,949	3,261	2,793
42	26	97 318	7 627,403	111 665,926	14,640	14,172	92	76	9 799	37,062	113,672	3,067	2,599
43	27	97 163	7 167,300	104 038,523	14,516	14,047	93	77	7 436	26,471	76,610	2,894	2,426
44	28	96 987	6 733,524	96 871,223	14,386	13,918	94	78	5 480	18,361	50,139	2,731	2,262
45	29	96 796	6 324,941	90 137,699	14,251	13,783	95	79	3 892	12,273	31,778	2,589	2,121
46	30	96 591	5 940,231	83 812,759	14,109	13,641	96	80	2 675	7,939	19,505	2,457	1,989
47	31	96 364	5 577,696	77 872,527	13,961	13,493	97	81	1 769	4,941	11,566	2,341	1,873
48	32	96 108	5 235,670	72 294,831	13,808	13,340	98	82	1 132	2,977	6,625	2,226	1,757
49	33	95 824	4 913,106	67 059,162	13,649	13,181	99	83	699	1,730	3,649	2,109	1,641
							100	84	409	0,953	1,919	2,014	1,546

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	4 610,520	62 242,733	13,500	13,032
1							51	34	95 202	4 323,854	57 632,213	13,329	12,861
2							52	35	94 825	4 053,401	53 308,359	13,152	12,683
3							53	36	94 402	3 797,947	49 254,957	12,969	12,500
4							54	37	93 931	3 556,706	45 457,010	12,781	12,312
5							55	38	93 414	3 329,041	41 900,304	12,586	12,118
6							56	39	92 831	3 113,671	38 571,263	12,388	11,919
7							57	40	92 183	2 910,058	35 457,591	12,184	11,716
8							58	41	91 473	2 717,794	32 547,533	11,976	11,507
9							59	42	90 700	2 536,306	29 829,739	11,761	11,293
10							60	43	89 840	2 364,459	27 293,433	11,543	11,075
11							61	44	88 902	2 202,137	24 928,974	11,320	10,852
12							62	45	87 877	2 048,705	22 726,837	11,093	10,625
13							63	46	86 750	1 903,481	20 678,132	10,863	10,395
14							64	47	85 525	1 766,209	18 774,651	10,630	10,162
15							65	48	84 207	1 636,691	17 008,442	10,392	9,924
16							66	49	82 788	1 514,465	15 371,751	10,150	9,682
17	0	99 475	35 491,216	579 044,353	16,315	15,847	67	50	81 260	1 399,074	13 857,285	9,905	9,436
18	1	99 161	33 298,018	543 553,137	16,324	15,856	68	51	79 644	1 290,583	12 458,212	9,653	9,185
19	2	99 100	31 320,246	510 255,119	16,292	15,823	69	52	77 918	1 188,340	11 167,628	9,398	8,929
20	3	99 047	29 462,112	478 934,873	16,256	15,788	70	53	76 107	1 092,444	9 979,289	9,135	8,666
21	4	98 997	27 714,841	449 472,761	16,218	15,749	71	54	74 209	1 002,546	8 886,844	8,864	8,396
22	5	98 947	26 071,606	421 757,920	16,177	15,709	72	55	72 160	917,508	7 884,298	8,593	8,125
23	6	98 899	24 526,029	395 686,315	16,133	15,665	73	56	70 044	838,223	6 966,790	8,311	7,843
24	7	98 850	23 071,937	371 160,286	16,087	15,619	74	57	67 795	763,581	6 128,566	8,026	7,558
25	8	98 800	21 703,783	348 088,349	16,038	15,570	75	58	65 434	693,638	5 364,985	7,735	7,266
26	9	98 750	20 416,597	326 384,566	15,986	15,518	76	59	62 930	627,852	4 671,347	7,440	6,972
27	10	98 701	19 206,132	305 967,969	15,931	15,462	77	60	60 293	566,156	4 043,495	7,142	6,674
28	11	98 651	18 067,225	286 761,838	15,872	15,404	78	61	57 568	508,777	3 477,339	6,835	6,366
29	12	98 598	16 995,275	268 694,613	15,810	15,342	79	62	54 687	454,879	2 968,562	6,526	6,058
30	13	98 543	15 986,651	251 699,337	15,744	15,276	80	63	51 663	404,450	2 513,683	6,215	5,747
31	14	98 483	15 037,126	235 712,686	15,675	15,207	81	64	48 451	356,994	2 109,233	5,908	5,440
32	15	98 418	14 143,166	220 675,560	15,603	15,135	82	65	45 101	312,760	1 752,240	5,602	5,134
33	16	98 346	13 301,543	206 532,395	15,527	15,059	83	66	41 634	271,739	1 439,479	5,297	4,829
34	17	98 265	12 508,723	193 230,852	15,448	14,979	84	67	38 010	233,487	1 167,741	5,001	4,533
35	18	98 183	11 763,117	180 722,130	15,363	14,895	85	68	34 281	198,195	934,254	4,714	4,245
36	19	98 093	11 061,014	168 959,013	15,275	14,807	86	69	30 473	165,817	736,059	4,439	3,971
37	20	97 990	10 399,463	157 897,999	15,183	14,715	87	70	26 667	136,572	570,242	4,175	3,707
38	21	97 876	9 776,366	147 498,536	15,087	14,619	88	71	22 935	110,547	433,671	3,923	3,455
39	22	97 760	9 190,376	137 722,170	14,985	14,517	89	72	19 299	87,551	323,123	3,691	3,222
40	23	97 631	8 638,329	128 531,794	14,879	14,411	90	73	15 870	67,761	235,572	3,476	3,008
41	24	97 494	8 118,802	119 893,466	14,767	14,299	91	74	12 743	51,208	167,811	3,277	2,809
42	25	97 337	7 628,886	111 774,664	14,652	14,183	92	75	10 000	37,823	116,602	3,083	2,614
43	26	97 180	7 168,577	104 145,777	14,528	14,060	93	76	7 605	27,071	78,779	2,910	2,442
44	27	97 008	6 734,936	96 977,200	14,399	13,931	94	77	5 615	18,811	51,709	2,749	2,280
45	28	96 819	6 326,446	90 242,264	14,264	13,796	95	78	4 001	12,617	32,898	2,607	2,139
46	29	96 614	5 941,698	83 915,818	14,123	13,655	96	79	2 760	8,191	20,281	2,476	2,008
47	30	96 391	5 579,274	77 974,120	13,976	13,507	97	80	1 834	5,121	12,090	2,361	1,892
48	31	96 139	5 237,356	72 394,846	13,823	13,354	98	81	1 180	3,102	6,968	2,246	1,778
49	32	95 856	4 914,757	67 157,490	13,664	13,196	99	82	734	1,815	3,867	2,130	1,662
							100	83	433	1,008	2,051	2,034	1,566

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	4 612,069	62 330,939	13,515	13,046
1							51	33	95 236	4 325,369	57 718,870	13,344	12,876
2							52	34	94 862	4 054,949	53 393,501	13,167	12,699
3							53	35	94 446	3 799,721	49 338,551	12,985	12,516
4							54	36	93 976	3 558,403	45 538,830	12,798	12,329
5							55	37	93 461	3 330,723	41 980,426	12,604	12,136
6							56	38	92 883	3 115,397	38 649,703	12,406	11,938
7							57	39	92 243	2 911,953	35 534,306	12,203	11,735
8							58	40	91 531	2 719,516	32 622,353	11,996	11,527
9							59	41	90 767	2 538,166	29 902,838	11,781	11,313
10							60	42	89 912	2 366,368	27 364,671	11,564	11,096
11							61	43	88 981	2 204,112	24 998,303	11,342	10,873
12							62	44	87 960	2 050,645	22 794,191	11,116	10,647
13							63	45	86 844	1 905,531	20 743,546	10,886	10,418
14							64	46	85 627	1 768,303	18 838,016	10,653	10,185
15							65	47	84 316	1 638,820	17 069,713	10,416	9,947
16							66	48	82 914	1 516,767	15 430,892	10,174	9,705
17							67	49	81 398	1 401,434	13 914,126	9,928	9,460
18	0	99 448	33 394,591	543 791,752	16,284	15,815	68	50	79 791	1 292,968	12 512,692	9,677	9,209
19	1	99 122	31 327,214	510 397,162	16,292	15,824	69	51	78 080	1 190,813	11 219,725	9,422	8,954
20	2	99 060	29 465,984	479 069,948	16,258	15,790	70	52	76 275	1 094,858	10 028,912	9,160	8,692
21	3	99 006	27 717,604	449 603,964	16,221	15,753	71	53	74 394	1 005,037	8 934,054	8,889	8,421
22	4	98 957	26 074,006	421 886,360	16,180	15,712	72	54	72 359	920,042	7 929,017	8,618	8,150
23	5	98 906	24 527,695	395 812,354	16,137	15,669	73	55	70 263	840,840	7 008,975	8,336	7,867
24	6	98 858	23 073,621	371 284,659	16,091	15,623	74	56	68 025	766,172	6 168,134	8,051	7,582
25	7	98 805	21 704,817	348 211,037	16,043	15,575	75	57	65 681	696,254	5 401,962	7,759	7,290
26	8	98 757	20 418,068	326 506,220	15,991	15,523	76	58	63 194	630,484	4 705,709	7,464	6,995
27	9	98 706	19 207,153	306 088,152	15,936	15,468	77	59	60 573	568,792	4 075,225	7,165	6,696
28	10	98 657	18 068,230	286 880,999	15,878	15,409	78	60	57 865	511,399	3 506,433	6,857	6,388
29	11	98 605	16 996,582	268 812,770	15,816	15,347	79	61	54 994	457,434	2 995,035	6,547	6,079
30	12	98 549	15 987,662	251 816,187	15,751	15,282	80	62	51 981	406,941	2 537,600	6,236	5,767
31	13	98 491	15 038,314	235 828,526	15,682	15,213	81	63	48 781	359,423	2 130,659	5,928	5,460
32	14	98 427	14 144,470	220 790,211	15,610	15,141	82	64	45 437	315,095	1 771,236	5,621	5,153
33	15	98 357	13 303,083	206 645,741	15,534	15,065	83	65	41 971	273,934	1 456,141	5,316	4,847
34	16	98 277	12 510,322	193 342,658	15,455	14,986	84	66	38 345	235,550	1 182,207	5,019	4,551
35	17	98 195	11 764,642	180 832,336	15,371	14,902	85	67	34 605	200,067	946,657	4,732	4,263
36	18	98 109	11 062,810	169 067,694	15,283	14,814	86	68	30 787	167,526	746,590	4,457	3,988
37	19	98 006	10 401,173	158 004,885	15,191	14,723	87	69	26 979	138,167	579,064	4,191	3,723
38	20	97 892	9 777,966	147 603,712	15,096	14,627	88	70	23 226	111,952	440,897	3,938	3,470
39	21	97 777	9 191,937	137 825,746	14,994	14,526	89	71	19 570	88,778	328,945	3,705	3,237
40	22	97 647	8 639,778	128 633,809	14,889	14,420	90	72	16 111	68,790	240,167	3,491	3,023
41	23	97 510	8 120,130	119 994,031	14,777	14,309	91	73	12 960	52,080	171,377	3,291	2,822
42	24	97 353	7 630,140	111 873,901	14,662	14,194	92	74	10 186	38,524	119,297	3,097	2,628
43	25	97 199	7 169,971	104 243,761	14,539	14,071	93	75	7 761	27,626	80,773	2,924	2,455
44	26	97 025	6 736,137	97 073,790	14,411	13,943	94	76	5 742	19,237	53,147	2,763	2,294
45	27	96 840	6 327,773	90 337,653	14,276	13,808	95	77	4 099	12,926	33,910	2,623	2,155
46	28	96 637	5 943,112	84 009,880	14,136	13,667	96	78	2 837	8,420	20,984	2,492	2,024
47	29	96 415	5 580,651	78 066,768	13,989	13,520	97	79	1 892	5,284	12,563	2,378	1,909
48	30	96 167	5 238,838	72 486,117	13,836	13,368	98	80	1 223	3,215	7,279	2,264	1,796
49	31	95 887	4 916,340	67 247,279	13,678	13,210	99	81	765	1,892	4,064	2,148	1,680
							100	82	454	1,058	2,172	2,053	1,585

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	4 613,555	62 411,465	13,528	13,059
1							51	32	95 268	4 326,823	57 797,910	13,358	12,890
2							52	33	94 895	4 056,370	53 471,088	13,182	12,714
3							53	34	94 482	3 801,173	49 414,718	13,000	12,532
4							54	35	94 020	3 560,066	45 613,545	12,813	12,344
5							55	36	93 506	3 332,312	42 053,479	12,620	12,152
6							56	37	92 929	3 116,971	38 721,167	12,423	11,954
7							57	38	92 294	2 913,567	35 604,196	12,220	11,752
8							58	39	91 591	2 721,286	32 690,629	12,013	11,545
9							59	40	90 824	2 539,774	29 969,343	11,800	11,332
10							60	41	89 978	2 368,104	27 429,568	11,583	11,115
11							61	42	89 053	2 205,891	25 061,464	11,361	10,893
12							62	43	88 039	2 052,483	22 855,573	11,136	10,667
13							63	44	86 926	1 907,335	20 803,089	10,907	10,439
14							64	45	85 719	1 770,207	18 895,755	10,674	10,206
15							65	46	84 416	1 640,763	17 125,548	10,438	9,969
16							66	47	83 022	1 518,740	15 484,784	10,196	9,727
17							67	48	81 521	1 403,563	13 966,044	9,950	9,482
18							68	49	79 926	1 295,149	12 562,481	9,700	9,231
19	0	99 410	31 418,071	510 617,682	16,252	15,784	69	50	78 224	1 193,012	11 267,333	9,444	8,976
20	1	99 082	29 472,539	479 199,611	16,259	15,791	70	51	76 434	1 097,136	10 074,320	9,182	8,714
21	2	99 019	27 721,247	449 727,072	16,223	15,755	71	52	74 558	1 007,258	8 977,184	8,912	8,444
22	3	98 966	26 076,606	422 005,825	16,183	15,715	72	53	72 539	922,328	7 969,927	8,641	8,173
23	4	98 915	24 529,953	395 929,219	16,141	15,672	73	54	70 457	843,163	7 047,598	8,359	7,890
24	5	98 864	23 075,189	371 399,266	16,095	15,627	74	55	68 237	768,564	6 204,435	8,073	7,604
25	6	98 812	21 706,402	348 324,077	16,047	15,579	75	56	65 904	698,616	5 435,872	7,781	7,313
26	7	98 762	20 419,041	326 617,675	15,996	15,527	76	57	63 432	632,861	4 737,255	7,485	7,017
27	8	98 713	19 208,537	306 198,634	15,941	15,472	77	58	60 827	571,175	4 104,394	7,186	6,718
28	9	98 662	18 069,190	286 990,097	15,883	15,414	78	59	58 135	513,780	3 533,219	6,877	6,409
29	10	98 611	16 997,527	268 920,907	15,821	15,353	79	60	55 277	459,792	3 019,439	6,567	6,099
30	11	98 557	15 988,891	251 923,380	15,756	15,288	80	61	52 273	409,227	2 559,647	6,255	5,786
31	12	98 497	15 039,265	235 934,489	15,688	15,220	81	62	49 081	361,637	2 150,420	5,946	5,478
32	13	98 434	14 145,588	220 895,224	15,616	15,147	82	63	45 747	317,239	1 788,783	5,639	5,170
33	14	98 367	13 304,310	206 749,636	15,540	15,072	83	64	42 284	275,978	1 471,544	5,332	4,864
34	15	98 288	12 511,770	193 445,325	15,461	14,993	84	65	38 655	237,452	1 195,565	5,035	4,567
35	16	98 208	11 766,146	180 933,555	15,377	14,909	85	66	34 910	201,835	958,113	4,747	4,279
36	17	98 121	11 064,244	169 167,409	15,290	14,821	86	67	31 078	169,109	756,278	4,472	4,004
37	18	98 022	10 402,861	158 103,164	15,198	14,730	87	68	27 257	139,591	587,169	4,206	3,738
38	19	97 908	9 779,574	147 700,303	15,103	14,635	88	69	23 498	113,260	447,578	3,952	3,483
39	20	97 793	9 193,441	137 920,729	15,002	14,534	89	70	19 818	89,906	334,318	3,719	3,250
40	21	97 664	8 641,245	128 727,288	14,897	14,428	90	71	16 337	69,753	244,411	3,504	3,036
41	22	97 526	8 121,493	120 086,043	14,786	14,318	91	72	13 157	52,870	174,658	3,304	2,835
42	23	97 369	7 631,388	111 964,550	14,672	14,203	92	73	10 359	39,180	121,788	3,108	2,640
43	24	97 215	7 171,149	104 333,162	14,549	14,081	93	74	7 905	28,138	82,608	2,936	2,467
44	25	97 044	6 737,447	97 162,013	14,421	13,953	94	75	5 860	19,632	54,470	2,775	2,306
45	26	96 857	6 328,901	90 424,566	14,288	13,819	95	76	4 192	13,219	34,838	2,635	2,167
46	27	96 658	5 944,359	84 095,665	14,147	13,679	96	77	2 907	8,627	21,619	2,506	2,038
47	28	96 438	5 581,979	78 151,306	14,001	13,532	97	78	1 945	5,432	12,992	2,392	1,923
48	29	96 190	5 240,131	72 569,327	13,849	13,380	98	79	1 262	3,318	7,560	2,279	1,811
49	30	95 914	4 917,731	67 329,196	13,691	13,223	99	80	793	1,961	4,243	2,164	1,695
							100	81	474	1,103	2,282	2,070	1,601

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	4 614,860	62 484,911	13,540	13,072
1							51	31	95 298	4 328,216	57 870,051	13,370	12,902
2							52	32	94 927	4 057,733	53 541,835	13,195	12,727
3							53	33	94 516	3 802,504	49 484,102	13,014	12,545
4							54	34	94 056	3 561,425	45 681,597	12,827	12,358
5							55	35	93 549	3 333,869	42 120,172	12,634	12,166
6							56	36	92 974	3 118,458	38 786,303	12,438	11,969
7							57	37	92 341	2 915,039	35 667,845	12,236	11,767
8							58	38	91 642	2 722,795	32 752,806	12,029	11,561
9							59	39	90 884	2 541,428	30 030,011	11,816	11,348
10							60	40	90 035	2 369,604	27 488,583	11,600	11,132
11							61	41	89 118	2 207,509	25 118,979	11,379	10,911
12							62	42	88 110	2 054,141	22 911,469	11,154	10,685
13							63	43	87 004	1 909,045	20 857,328	10,926	10,457
14							64	44	85 800	1 771,883	18 948,284	10,694	10,226
15							65	45	84 507	1 642,530	17 176,401	10,457	9,989
16							66	46	83 120	1 520,541	15 533,871	10,216	9,748
17							67	47	81 627	1 405,389	14 013,330	9,971	9,503
18							68	48	80 047	1 297,116	12 607,941	9,720	9,252
19							69	49	78 356	1 195,025	11 310,825	9,465	8,997
20	0	99 370	29 558,017	479 403,433	16,219	15,751	70	50	76 575	1 099,163	10 115,800	9,203	8,735
21	1	99 041	27 727,414	449 845,416	16,224	15,755	71	51	74 713	1 009,354	9 016,637	8,933	8,465
22	2	98 979	26 080,033	422 118,002	16,185	15,717	72	52	72 699	924,366	8 007,283	8,662	8,194
23	3	98 925	24 532,399	396 037,969	16,143	15,675	73	53	70 632	845,258	7 082,917	8,380	7,911
24	4	98 873	23 077,314	371 505,571	16,098	15,630	74	54	68 426	770,686	6 237,659	8,094	7,625
25	5	98 819	21 707,877	348 428,257	16,051	15,582	75	55	66 109	700,797	5 466,973	7,801	7,333
26	6	98 769	20 420,532	326 720,380	16,000	15,531	76	56	63 647	635,008	4 766,175	7,506	7,037
27	7	98 718	19 209,452	306 299,848	15,945	15,477	77	57	61 057	573,329	4 131,167	7,206	6,737
28	8	98 669	18 070,492	287 090,397	15,887	15,419	78	58	58 378	515,933	3 557,838	6,896	6,428
29	9	98 616	16 998,431	269 019,904	15,826	15,358	79	59	55 535	461,933	3 041,905	6,585	6,117
30	10	98 562	15 989,780	252 021,474	15,761	15,293	80	60	52 543	411,336	2 579,973	6,272	5,804
31	11	98 505	15 040,421	236 031,693	15,693	15,225	81	61	49 357	363,669	2 168,637	5,963	5,495
32	12	98 441	14 146,482	220 991,272	15,622	15,153	82	62	46 029	319,194	1 804,968	5,655	5,186
33	13	98 374	13 305,362	206 844,789	15,546	15,078	83	63	42 572	277,857	1 485,774	5,347	4,879
34	14	98 298	12 512,925	193 539,428	15,467	14,999	84	64	38 944	239,225	1 207,917	5,049	4,581
35	15	98 219	11 767,508	181 026,503	15,384	14,915	85	65	35 192	203,465	968,693	4,761	4,293
36	16	98 134	11 065,659	169 258,995	15,296	14,828	86	66	31 353	170,603	765,227	4,485	4,017
37	17	98 035	10 404,210	158 193,335	15,205	14,736	87	67	27 514	140,910	594,625	4,220	3,752
38	18	97 924	9 781,161	147 789,125	15,110	14,641	88	68	23 740	114,428	453,715	3,965	3,497
39	19	97 809	9 194,953	138 007,964	15,009	14,541	89	69	20 050	90,957	339,287	3,730	3,262
40	20	97 680	8 642,660	128 813,011	14,904	14,436	90	70	16 545	70,640	248,330	3,515	3,047
41	21	97 543	8 122,872	120 170,351	14,794	14,326	91	71	13 341	53,611	177,690	3,314	2,846
42	22	97 385	7 632,668	112 047,479	14,680	14,212	92	72	10 516	39,774	124,080	3,120	2,651
43	23	97 231	7 172,322	104 414,811	14,558	14,090	93	73	8 039	28,617	84,305	2,946	2,478
44	24	97 060	6 738,554	97 242,489	14,431	13,962	94	74	5 969	19,996	55,688	2,785	2,317
45	25	96 876	6 330,132	90 503,935	14,297	13,829	95	75	4 278	13,490	35,692	2,646	2,177
46	26	96 675	5 945,419	84 173,803	14,158	13,689	96	76	2 973	8,822	22,202	2,517	2,048
47	27	96 458	5 583,150	78 228,384	14,012	13,543	97	77	1 992	5,565	13,380	2,404	1,936
48	28	96 213	5 241,378	72 645,234	13,860	13,392	98	78	1 297	3,410	7,815	2,291	1,823
49	29	95 938	4 918,945	67 403,855	13,703	13,235	99	79	818	2,023	4,404	2,177	1,709
							100	80	491	1,143	2,381	2,083	1,615

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	4 615,999	62 551,829	13,551	13,083
1							51	30	95 325	4 329,441	57 935,830	13,382	12,913
2							52	31	94 957	4 059,040	53 606,390	13,207	12,738
3							53	32	94 547	3 803,782	49 547,350	13,026	12,557
4							54	33	94 089	3 562,673	45 743,568	12,840	12,371
5							55	34	93 585	3 335,142	42 180,895	12,647	12,179
6							56	35	93 017	3 119,915	38 845,752	12,451	11,983
7							57	36	92 385	2 916,430	35 725,837	12,250	11,781
8							58	37	91 688	2 724,170	32 809,407	12,044	11,575
9							59	38	90 934	2 542,837	30 085,237	11,831	11,363
10							60	39	90 094	2 371,147	27 542,400	11,616	11,147
11							61	40	89 175	2 208,908	25 171,253	11,395	10,927
12							62	41	88 174	2 055,647	22 962,345	11,170	10,702
13							63	42	87 074	1 910,586	20 906,698	10,943	10,474
14							64	43	85 877	1 773,472	18 996,112	10,711	10,243
15							65	44	84 587	1 644,085	17 222,640	10,476	10,007
16							66	45	83 210	1 522,178	15 578,555	10,234	9,766
17							67	46	81 724	1 407,055	14 056,377	9,990	9,522
18							68	47	80 151	1 298,804	12 649,321	9,739	9,271
19							69	48	78 475	1 196,841	11 350,517	9,484	9,015
20							70	49	76 704	1 101,017	10 153,677	9,222	8,754
21	0	99 329	27 807,831	450 033,830	16,184	15,715	71	50	74 851	1 011,218	9 052,660	8,952	8,484
22	1	99 001	26 085,835	422 225,999	16,186	15,718	72	51	72 850	926,290	8 041,442	8,681	8,213
23	2	98 938	24 535,623	396 140,165	16,146	15,677	73	52	70 788	847,125	7 115,152	8,399	7,931
24	3	98 883	23 079,615	371 604,542	16,101	15,633	74	53	68 596	772,601	6 268,027	8,113	7,645
25	4	98 828	21 709,875	348 524,927	16,054	15,585	75	54	66 292	702,733	5 495,425	7,820	7,352
26	5	98 775	20 421,919	326 815,051	16,003	15,535	76	55	63 846	636,991	4 792,692	7,524	7,056
27	6	98 725	19 210,855	306 393,132	15,949	15,481	77	56	61 264	575,274	4 155,702	7,224	6,756
28	7	98 674	18 071,353	287 182,278	15,892	15,423	78	57	58 598	517,878	3 580,427	6,914	6,445
29	8	98 623	16 999,656	269 110,925	15,830	15,362	79	58	55 767	463,869	3 062,549	6,602	6,134
30	9	98 568	15 990,630	252 111,269	15,766	15,298	80	59	52 787	413,251	2 598,680	6,288	5,820
31	10	98 510	15 041,258	236 120,639	15,698	15,230	81	60	49 612	365,543	2 185,429	5,979	5,510
32	11	98 448	14 147,570	221 079,381	15,627	15,158	82	61	46 287	320,987	1 819,886	5,670	5,201
33	12	98 381	13 306,203	206 931,811	15,552	15,083	83	62	42 834	279,568	1 498,900	5,361	4,893
34	13	98 305	12 513,914	193 625,608	15,473	15,004	84	63	39 209	240,853	1 219,331	5,063	4,594
35	14	98 228	11 768,594	181 111,694	15,389	14,921	85	64	35 455	204,984	978,478	4,773	4,305
36	15	98 145	11 066,940	169 343,100	15,302	14,833	86	65	31 606	171,981	773,495	4,498	4,029
37	16	98 047	10 405,541	158 276,160	15,211	14,742	87	66	27 757	142,155	601,513	4,231	3,763
38	17	97 937	9 782,430	147 870,619	15,116	14,648	88	67	23 964	115,509	459,359	3,977	3,508
39	18	97 825	9 196,445	138 088,190	15,015	14,547	89	68	20 256	91,894	343,850	3,742	3,273
40	19	97 696	8 644,081	128 891,744	14,911	14,443	90	69	16 738	71,465	251,956	3,526	3,057
41	20	97 559	8 124,202	120 247,663	14,801	14,333	91	70	13 510	54,292	180,490	3,324	2,856
42	21	97 401	7 633,965	112 123,462	14,687	14,219	92	71	10 664	40,331	126,198	3,129	2,661
43	22	97 247	7 173,526	104 489,497	14,566	14,098	93	72	8 161	29,051	85,867	2,956	2,487
44	23	97 076	6 739,656	97 315,971	14,439	13,971	94	73	6 070	20,336	56,816	2,794	2,325
45	24	96 892	6 331,172	90 576,315	14,306	13,838	95	74	4 358	13,740	36,479	2,655	2,187
46	25	96 694	5 946,575	84 245,143	14,167	13,699	96	75	3 034	9,003	22,739	2,526	2,057
47	26	96 475	5 584,146	78 298,568	14,022	13,553	97	76	2 038	5,691	13,736	2,413	1,945
48	27	96 233	5 242,478	72 714,423	13,870	13,402	98	77	1 329	3,494	8,044	2,302	1,834
49	28	95 961	4 920,116	67 471,945	13,713	13,245	99	78	841	2,080	4,550	2,188	1,720
							100	79	506	1,179	2,471	2,095	1,627

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	28	95 679	4 617,098	62 612,843	13,561	13,093
							51	29	95 349	4 330,509	57 995,745	13,392	12,924
							52	30	94 984	4 060,188	53 665,236	13,217	12,749
							53	31	94 578	3 805,007	49 605,048	13,037	12,568
							54	32	94 121	3 563,870	45 800,040	12,851	12,383
							55	33	93 618	3 336,311	42 236,170	12,660	12,191
							56	34	93 053	3 121,107	38 899,859	12,463	11,995
							57	35	92 428	2 917,792	35 778,753	12,262	11,794
							58	36	91 732	2 725,470	32 860,960	12,057	11,589
							59	37	90 980	2 544,122	30 135,490	11,845	11,377
							60	38	90 144	2 372,462	27 591,369	11,630	11,161
							61	39	89 233	2 210,346	25 218,907	11,409	10,941
							62	40	88 230	2 056,950	23 008,561	11,186	10,717
							63	41	87 138	1 911,987	20 951,611	10,958	10,490
							64	42	85 946	1 774,904	19 039,624	10,727	10,259
							65	43	84 663	1 645,559	17 264,720	10,492	10,023
							66	44	83 289	1 523,619	15 619,161	10,251	9,783
							67	45	81 812	1 408,570	14 095,542	10,007	9,539
							68	46	80 246	1 300,344	12 686,971	9,757	9,288
							69	47	78 577	1 198,398	11 386,628	9,502	9,033
							70	48	76 821	1 102,690	10 188,230	9,239	8,771
							71	49	74 978	1 012,924	9 085,540	8,970	8,501
	0	99 289	26 161,490	422 400,195	16,146	15,678	72	50	72 985	928,001	8 072,616	8,699	8,231
	1	98 960	24 541,081	396 238,704	16,146	15,678	73	51	70 935	848,888	7 144,615	8,416	7,948
	2	98 896	23 082,648	371 697,623	16,103	15,635	74	52	68 747	774,308	6 295,727	8,131	7,662
	3	98 838	21 712,040	348 614,975	16,056	15,588	75	53	66 457	704,479	5 521,419	7,838	7,369
	4	98 785	20 423,799	326 902,935	16,006	15,538	76	54	64 022	638,750	4 816,940	7,541	7,073
	5	98 732	19 212,160	306 479,136	15,952	15,484	77	55	61 455	577,070	4 178,190	7,240	6,772
	6	98 681	18 072,673	287 266,976	15,895	15,427	78	56	58 797	519,635	3 601,119	6,930	6,462
	7	98 628	17 000,465	269 194,303	15,835	15,366	79	57	55 978	465,618	3 081,484	6,618	6,150
	8	98 575	15 991,783	252 193,838	15,770	15,302	80	58	53 008	414,983	2 615,866	6,304	5,835
	9	98 515	15 042,057	236 202,055	15,703	15,234	81	59	49 843	367,245	2 200,883	5,993	5,525
	10	98 454	14 148,357	221 159,998	15,631	15,163	82	60	46 526	322,641	1 833,638	5,683	5,215
	11	98 388	13 307,226	207 011,641	15,556	15,088	83	61	43 075	281,139	1 510,997	5,375	4,906
	12	98 312	12 514,705	193 704,415	15,478	15,010	84	62	39 450	242,337	1 229,859	5,075	4,607
	13	98 236	11 769,524	181 189,710	15,395	14,926	85	63	35 696	206,379	987,522	4,785	4,317
	14	98 154	11 067,961	169 420,186	15,307	14,839	86	64	31 842	173,265	781,143	4,508	4,040
	15	98 059	10 406,745	158 352,225	15,216	14,748	87	65	27 982	143,303	607,878	4,242	3,774
	16	97 949	9 783,680	147 945,479	15,122	14,653	88	66	24 176	116,529	464,575	3,987	3,518
	17	97 837	9 197,638	138 161,799	15,021	14,553	89	67	20 448	92,762	348,046	3,752	3,284
	18	97 712	8 645,484	128 964,161	14,917	14,449	90	68	16 910	72,202	255,283	3,536	3,067
	19	97 575	8 125,537	120 318,677	14,807	14,339	91	69	13 668	54,926	183,082	3,333	2,865
	20	97 417	7 635,214	112 193,140	14,694	14,226	92	70	10 799	40,844	128,155	3,138	2,669
	21	97 264	7 174,744	104 557,925	14,573	14,105	93	71	8 276	29,458	87,311	2,964	2,496
	22	97 092	6 740,787	97 383,181	14,447	13,979	94	72	6 162	20,645	57,853	2,802	2,334
	23	96 908	6 332,208	90 642,394	14,315	13,846	95	73	4 432	13,974	37,208	2,663	2,194
	24	96 710	5 947,552	84 310,186	14,176	13,707	96	74	3 090	9,170	23,234	2,534	2,065
	25	96 494	5 585,232	78 362,634	14,030	13,562	97	75	2 079	5,808	14,064	2,421	1,953
	26	96 251	5 243,412	72 777,403	13,880	13,411	98	76	1 359	3,573	8,255	2,310	1,842
	27	95 981	4 921,148	67 533,990	13,723	13,255	99	77	861	2,131	4,682	2,197	1,729
							100	78	521	1,212	2,552	2,105	1,637

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	4 618,066	62 668,425	13,570	13,102
1							51	28	95 371	4 331,540	58 050,359	13,402	12,933
2							52	29	95 008	4 061,190	53 718,819	13,227	12,759
3							53	30	94 605	3 806,084	49 657,628	13,047	12,579
4							54	31	94 151	3 565,018	45 851,545	12,862	12,393
5							55	32	93 649	3 337,432	42 286,527	12,670	12,202
6							56	33	93 085	3 122,200	38 949,095	12,475	12,007
7							57	34	92 463	2 918,907	35 826,895	12,274	11,806
8							58	35	91 775	2 726,743	32 907,988	12,069	11,600
9							59	36	91 023	2 545,335	30 181,245	11,857	11,389
10							60	37	90 189	2 373,660	27 635,909	11,643	11,174
11							61	38	89 282	2 211,571	25 262,249	11,423	10,954
12							62	39	88 288	2 058,289	23 050,678	11,199	10,731
13							63	40	87 193	1 913,199	20 992,389	10,972	10,504
14							64	41	86 009	1 776,205	19 079,190	10,742	10,273
15							65	42	84 732	1 646,888	17 302,984	10,506	10,038
16							66	43	83 363	1 524,985	15 656,096	10,266	9,798
17							67	44	81 890	1 409,904	14 131,111	10,023	9,554
18							68	45	80 333	1 301,744	12 721,207	9,772	9,304
19							69	46	78 671	1 199,819	11 419,463	9,518	9,049
20							70	47	76 921	1 104,124	10 219,645	9,256	8,788
21							71	48	75 092	1 014,463	9 115,520	8,986	8,517
22							72	49	73 108	929,566	8 101,057	8,715	8,247
23	0	99 247	24 612,257	396 399,778	16,106	15,637	73	50	71 066	850,456	7 171,491	8,433	7,964
24	1	98 918	23 087,783	371 787,521	16,103	15,635	74	51	68 890	775,919	6 321,035	8,147	7,678
25	2	98 851	21 714,894	348 699,738	16,058	15,590	75	52	66 603	706,035	5 545,115	7,854	7,386
26	3	98 794	20 425,836	326 984,845	16,008	15,540	76	53	64 181	640,337	4 839,080	7,557	7,089
27	4	98 741	19 213,929	306 559,009	15,955	15,487	77	54	61 625	578,664	4 198,742	7,256	6,788
28	5	98 688	18 073,901	287 345,080	15,898	15,430	78	55	58 981	521,258	3 620,078	6,945	6,477
29	6	98 635	17 001,707	269 271,180	15,838	15,370	79	56	56 168	467,197	3 098,820	6,633	6,164
30	7	98 579	15 992,545	252 269,473	15,774	15,306	80	57	53 208	416,548	2 631,623	6,318	5,849
31	8	98 523	15 043,141	236 276,928	15,707	15,238	81	58	50 051	368,784	2 215,075	6,006	5,538
32	9	98 459	14 149,109	221 233,787	15,636	15,168	82	59	46 742	324,143	1 846,291	5,696	5,228
33	10	98 394	13 307,966	207 084,678	15,561	15,093	83	60	43 297	282,588	1 522,148	5,386	4,918
34	11	98 319	12 515,667	193 776,712	15,483	15,014	84	61	39 672	243,698	1 239,561	5,086	4,618
35	12	98 242	11 770,268	181 261,045	15,400	14,932	85	62	35 916	207,650	995,863	4,796	4,328
36	13	98 162	11 068,836	169 490,777	15,312	14,844	86	63	32 059	174,444	788,213	4,518	4,050
37	14	98 068	10 407,705	158 421,941	15,222	14,753	87	64	28 191	144,373	613,768	4,251	3,783
38	15	97 961	9 784,813	148 014,235	15,127	14,659	88	65	24 371	117,471	469,396	3,996	3,527
39	16	97 850	9 198,814	138 229,422	15,027	14,559	89	66	20 628	93,582	351,925	3,761	3,292
40	17	97 724	8 646,605	129 030,608	14,923	14,454	90	67	17 070	72,884	258,343	3,545	3,076
41	18	97 591	8 126,856	120 384,003	14,813	14,345	91	68	13 809	55,493	185,459	3,342	2,874
42	19	97 433	7 636,470	112 257,147	14,700	14,232	92	69	10 925	41,321	129,967	3,145	2,677
43	20	97 280	7 175,919	104 620,677	14,579	14,111	93	70	8 381	29,833	88,645	2,971	2,503
44	21	97 109	6 741,932	97 444,758	14,454	13,985	94	71	6 249	20,934	58,813	2,809	2,341
45	22	96 924	6 333,270	90 702,826	14,322	13,853	95	72	4 499	14,186	37,878	2,670	2,202
46	23	96 725	5 948,525	84 369,556	14,183	13,715	96	73	3 142	9,326	23,692	2,540	2,072
47	24	96 510	5 586,149	78 421,031	14,038	13,570	97	74	2 118	5,916	14,366	2,428	1,960
48	25	96 269	5 244,432	72 834,882	13,888	13,420	98	75	1 387	3,646	8,450	2,317	1,849
49	26	95 998	4 922,025	67 590,450	13,732	13,264	99	76	881	2,179	4,804	2,205	1,736
							100	77	533	1,242	2,625	2,113	1,645

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	4 618,890	62 718,988	13,579	13,110
1							51	27	95 391	4 332,449	58 100,098	13,410	12,942
2							52	28	95 030	4 062,157	53 767,649	13,236	12,768
3							53	29	94 628	3 807,023	49 705,492	13,056	12,588
4							54	30	94 178	3 566,027	45 898,469	12,871	12,403
5							55	31	93 679	3 338,507	42 332,442	12,680	12,212
6							56	32	93 117	3 123,249	38 993,936	12,485	12,017
7							57	33	92 496	2 919,929	35 870,686	12,285	11,816
8							58	34	91 810	2 727,785	32 950,757	12,080	11,611
9							59	35	91 066	2 546,524	30 222,972	11,868	11,400
10							60	36	90 232	2 374,793	27 676,448	11,654	11,186
11							61	37	89 328	2 212,689	25 301,655	11,435	10,966
12							62	38	88 337	2 059,430	23 088,966	11,211	10,743
13							63	39	87 250	1 914,444	21 029,536	10,985	10,516
14							64	40	86 064	1 777,331	19 115,092	10,755	10,287
15							65	41	84 794	1 648,096	17 337,761	10,520	10,052
16							66	42	83 431	1 526,216	15 689,665	10,280	9,812
17							67	43	81 963	1 411,168	14 163,449	10,037	9,568
18							68	44	80 409	1 302,977	12 752,281	9,787	9,319
19							69	45	78 755	1 201,111	11 449,304	9,532	9,064
20							70	46	77 012	1 105,434	10 248,194	9,271	8,802
21							71	47	75 189	1 015,783	9 142,760	9,001	8,532
22							72	48	73 219	930,979	8 126,977	8,729	8,261
23							73	49	71 186	851,891	7 195,998	8,447	7,979
24	0	99 205	23 154,743	371 936,485	16,063	15,595	74	50	69 018	777,353	6 344,108	8,161	7,693
25	1	98 873	21 719,724	348 781,742	16,058	15,590	75	51	66 742	707,504	5 566,755	7,868	7,400
26	2	98 807	20 428,520	327 062,018	16,010	15,542	76	52	64 323	641,752	4 859,250	7,572	7,103
27	3	98 751	19 215,844	306 633,498	15,957	15,489	77	53	61 778	580,102	4 217,498	7,270	6,802
28	4	98 697	18 075,564	287 417,653	15,901	15,433	78	54	59 144	522,697	3 637,396	6,959	6,491
29	5	98 642	17 002,862	269 342,089	15,841	15,373	79	55	56 343	468,656	3 114,699	6,646	6,178
30	6	98 586	15 993,712	252 339,227	15,777	15,309	80	56	53 389	417,961	2 646,043	6,331	5,862
31	7	98 527	15 043,858	236 345,514	15,710	15,242	81	57	50 240	370,175	2 228,082	6,019	5,551
32	8	98 466	14 150,129	221 301,657	15,640	15,171	82	58	46 938	325,502	1 857,907	5,708	5,239
33	9	98 399	13 308,673	207 151,528	15,565	15,097	83	59	43 498	283,903	1 532,406	5,398	4,929
34	10	98 325	12 516,363	193 842,855	15,487	15,019	84	60	39 876	244,954	1 248,502	5,097	4,629
35	11	98 250	11 771,173	181 326,492	15,404	14,936	85	61	36 118	208,817	1 003,548	4,806	4,338
36	12	98 168	11 069,536	169 555,318	15,317	14,849	86	62	32 256	175,519	794,732	4,528	4,060
37	13	98 075	10 408,528	158 485,782	15,227	14,758	87	63	28 382	145,356	619,213	4,260	3,792
38	14	97 970	9 785,716	148 077,254	15,132	14,664	88	64	24 553	118,347	473,858	4,004	3,536
39	15	97 861	9 199,879	138 291,538	15,032	14,564	89	65	20 795	94,338	355,510	3,768	3,300
40	16	97 737	8 647,711	129 091,659	14,928	14,459	90	66	17 221	73,528	261,172	3,552	3,084
41	17	97 603	8 127,910	120 443,948	14,819	14,350	91	67	13 940	56,017	187,645	3,350	2,881
42	18	97 449	7 637,709	112 316,038	14,705	14,237	92	68	11 038	41,747	131,628	3,153	2,685
43	19	97 296	7 177,098	104 678,329	14,585	14,117	93	69	8 479	30,181	89,881	2,978	2,510
44	20	97 124	6 743,036	97 501,231	14,460	13,991	94	70	6 328	21,200	59,699	2,816	2,348
45	21	96 940	6 334,346	90 758,195	14,328	13,860	95	71	4 562	14,385	38,499	2,676	2,208
46	22	96 742	5 949,523	84 423,849	14,190	13,722	96	72	3 190	9,468	24,114	2,547	2,079
47	23	96 526	5 587,063	78 474,326	14,046	13,577	97	73	2 154	6,016	14,646	2,434	1,966
48	24	96 285	5 245,294	72 887,263	13,896	13,427	98	74	1 413	3,714	8,630	2,324	1,855
49	25	96 017	4 922,982	67 641,970	13,740	13,272	99	75	899	2,224	4,916	2,211	1,742
							100	76	545	1,270	2,692	2,120	1,651

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	4 619,788	62 765,119	13,586	13,118
1							51	26	95 408	4 333,221	58 145,331	13,419	12,950
2							52	27	95 050	4 063,009	53 812,110	13,244	12,776
3							53	28	94 650	3 807,929	49 749,101	13,065	12,596
4							54	29	94 201	3 566,907	45 941,171	12,880	12,411
5							55	30	93 706	3 339,451	42 374,264	12,689	12,221
6							56	31	93 147	3 124,255	39 034,813	12,494	12,026
7							57	32	92 527	2 920,910	35 910,558	12,294	11,826
8							58	33	91 842	2 728,740	32 989,647	12,090	11,621
9							59	34	91 101	2 547,497	30 260,907	11,879	11,410
10							60	35	90 274	2 375,902	27 713,410	11,664	11,196
11							61	36	89 370	2 213,744	25 337,508	11,446	10,977
12							62	37	88 381	2 060,470	23 123,764	11,223	10,754
13							63	38	87 298	1 915,506	21 063,293	10,996	10,528
14							64	39	86 120	1 778,488	19 147,787	10,766	10,298
15							65	40	84 847	1 649,140	17 369,299	10,532	10,064
16							66	41	83 492	1 527,336	15 720,159	10,293	9,824
17							67	42	82 029	1 412,308	14 192,824	10,049	9,581
18							68	43	80 481	1 304,145	12 780,516	9,800	9,332
19							69	44	78 830	1 202,248	11 476,371	9,546	9,077
20							70	45	77 095	1 106,624	10 274,124	9,284	8,816
21							71	46	75 278	1 016,987	9 167,500	9,014	8,546
22							72	47	73 314	932,190	8 150,512	8,743	8,275
23							73	48	71 294	853,185	7 218,322	8,460	7,992
24							74	49	69 134	778,664	6 365,137	8,174	7,706
25	0	99 160	21 782,717	348 919,529	16,018	15,550	75	50	66 865	708,811	5 586,473	7,881	7,413
26	1	98 829	20 433,065	327 136,812	16,010	15,542	76	51	64 457	643,087	4 877,662	7,585	7,116
27	2	98 764	19 218,370	306 703,748	15,959	15,491	77	52	61 914	581,384	4 234,574	7,284	6,815
28	3	98 706	18 077,367	287 485,378	15,903	15,435	78	53	59 291	523,996	3 653,191	6,972	6,503
29	4	98 651	17 004,427	269 408,011	15,843	15,375	79	54	56 499	469,950	3 129,194	6,659	6,190
30	5	98 593	15 994,799	252 403,584	15,780	15,312	80	55	53 556	419,266	2 659,244	6,343	5,874
31	6	98 534	15 044,956	236 408,785	15,713	15,245	81	56	50 411	371,431	2 239,978	6,031	5,562
32	7	98 471	14 150,803	221 363,829	15,643	15,175	82	57	47 115	326,729	1 868,547	5,719	5,251
33	8	98 406	13 309,633	207 213,026	15,569	15,100	83	58	43 681	285,093	1 541,818	5,408	4,940
34	9	98 330	12 517,028	193 903,393	15,491	15,023	84	59	40 062	246,094	1 256,725	5,107	4,638
35	10	98 255	11 771,828	181 386,365	15,409	14,940	85	60	36 304	209,893	1 010,631	4,815	4,347
36	11	98 176	11 070,387	169 614,537	15,321	14,853	86	61	32 437	176,505	800,738	4,537	4,068
37	12	98 082	10 409,186	158 544,150	15,231	14,763	87	62	28 557	146,251	624,234	4,268	3,800
38	13	97 978	9 786,489	148 134,964	15,137	14,668	88	63	24 720	119,153	477,983	4,012	3,543
39	14	97 870	9 200,728	138 348,475	15,037	14,568	89	64	20 950	95,042	358,830	3,775	3,307
40	15	97 748	8 648,712	129 147,747	14,933	14,464	90	65	17 360	74,122	263,788	3,559	3,090
41	16	97 616	8 128,949	120 499,035	14,823	14,355	91	66	14 063	56,512	189,666	3,356	2,888
42	17	97 462	7 638,700	112 370,085	14,711	14,242	92	67	11 142	42,141	133,154	3,160	2,691
43	18	97 311	7 178,264	104 731,386	14,590	14,122	93	68	8 566	30,492	91,013	2,985	2,516
44	19	97 140	6 744,144	97 553,122	14,465	13,997	94	69	6 402	21,448	60,520	2,822	2,353
45	20	96 956	6 335,383	90 808,978	14,334	13,865	95	70	4 620	14,568	39,072	2,682	2,214
46	21	96 758	5 950,533	84 473,595	14,196	13,728	96	71	3 235	9,600	24,505	2,553	2,084
47	22	96 542	5 588,001	78 523,062	14,052	13,584	97	72	2 187	6,108	14,904	2,440	1,972
48	23	96 301	5 246,152	72 935,061	13,903	13,434	98	73	1 437	3,777	8,797	2,329	1,861
49	24	96 032	4 923,791	67 688,910	13,747	13,279	99	74	915	2,265	5,019	2,216	1,748
							100	75	557	1,296	2,754	2,125	1,657

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 602 828,233	16,028	15,560	50	50	94 198	4 041,695	50 874,360	12,587	12,119
1	1	99 373	93 308,164	1 502 828,233	16,106	15,637	51	51	93 723	3 775,849	46 832,665	12,403	11,934
2	2	99 327	87 572,644	1 409 520,069	16,095	15,627	52	52	93 193	3 525,377	43 056,816	12,213	11,745
3	3	99 301	82 206,093	1 321 947,426	16,081	15,612	53	53	92 616	3 289,718	39 531,439	12,017	11,548
4	4	99 279	77 171,975	1 239 741,333	16,065	15,596	54	54	91 970	3 067,372	36 241,721	11,815	11,346
5	5	99 259	72 447,011	1 162 569,358	16,047	15,578	55	55	91 257	2 857,844	33 174,349	11,608	11,139
6	6	99 243	68 014,558	1 090 122,347	16,028	15,559	56	56	90 456	2 659,857	30 316,505	11,398	10,929
7	7	99 227	63 853,022	1 022 107,789	16,007	15,538	57	57	89 579	2 473,308	27 656,648	11,182	10,713
8	8	99 212	59 947,207	958 254,767	15,985	15,516	58	58	88 612	2 297,275	25 183,340	10,962	10,494
9	9	99 198	56 280,114	898 307,559	15,961	15,493	59	59	87 560	2 131,471	22 886,066	10,737	10,268
10	10	99 184	52 838,128	842 027,445	15,936	15,467	60	60	86 397	1 974,796	20 754,594	10,510	10,041
11	11	99 172	49 606,813	789 189,317	15,909	15,440	61	61	85 133	1 827,136	18 779,799	10,278	9,810
12	12	99 157	46 572,366	739 582,505	15,880	15,412	62	62	83 760	1 687,965	16 952,662	10,043	9,575
13	13	99 142	43 723,286	693 010,139	15,850	15,381	63	63	82 269	1 556,727	15 264,697	9,806	9,337
14	14	99 125	41 047,669	649 286,852	15,818	15,349	64	64	80 655	1 433,026	13 707,970	9,566	9,097
15	15	99 104	38 534,096	608 239,183	15,784	15,316	65	65	78 926	1 316,719	12 274,945	9,322	8,854
16	16	99 077	36 172,436	569 705,087	15,750	15,281	66	66	77 091	1 207,619	10 958,226	9,074	8,605
17	17	99 041	33 952,623	533 532,649	15,714	15,245	67	67	75 132	1 105,102	9 750,607	8,823	8,355
18	18	99 002	31 867,764	499 580,027	15,677	15,208	68	68	73 083	1 009,359	8 645,505	8,565	8,097
19	19	98 948	29 906,378	467 712,263	15,639	15,170	69	69	70 917	919,661	7 636,146	8,303	7,834
20	20	98 892	28 065,160	437 805,885	15,600	15,131	70	70	68 620	835,566	6 716,485	8,038	7,570
21	21	98 835	26 337,078	409 740,725	15,558	15,089	71	71	66 234	757,281	5 880,919	7,766	7,297
22	22	98 778	24 715,451	383 403,647	15,513	15,044	72	72	63 690	683,752	5 123,637	7,493	7,025
23	23	98 720	23 193,375	358 688,196	15,465	14,996	73	73	61 089	615,801	4 439,886	7,210	6,741
24	24	98 662	21 765,106	335 494,820	15,414	14,946	74	74	58 335	552,149	3 824,084	6,926	6,457
25	25	98 601	20 424,002	313 729,715	15,361	14,892	75	75	55 488	493,145	3 271,935	6,635	6,166
26	26	98 538	19 165,270	293 305,713	15,304	14,835	76	76	52 510	438,195	2 778,790	6,341	5,873
27	27	98 477	17 984,422	274 140,443	15,243	14,774	77	77	49 424	387,271	2 340,594	6,044	5,575
28	28	98 412	16 875,647	256 156,020	15,179	14,710	78	78	46 298	340,640	1 953,323	5,734	5,266
29	29	98 343	15 834,579	239 280,374	15,111	14,643	79	79	43 025	297,233	1 612,683	5,426	4,957
30	30	98 271	14 857,147	223 445,795	15,040	14,571	80	80	39 636	257,111	1 315,450	5,116	4,648
31	31	98 191	13 939,063	208 588,648	14,964	14,496	81	81	36 105	219,914	1 058,338	4,813	4,344
32	32	98 103	13 076,602	194 649,585	14,885	14,417	82	82	32 491	185,821	838,425	4,512	4,043
33	33	98 010	12 266,877	181 572,983	14,802	14,333	83	83	28 815	154,739	652,603	4,217	3,749
34	34	97 907	11 506,087	169 306,106	14,714	14,246	84	84	25 074	126,431	497,864	3,938	3,469
35	35	97 801	10 792,124	157 800,019	14,622	14,153	85	85	21 372	101,186	371,433	3,671	3,202
36	36	97 682	10 121,071	147 007,895	14,525	14,056	86	86	17 779	79,040	270,247	3,419	2,950
37	37	97 549	9 490,432	136 886,824	14,424	13,955	87	87	14 398	60,102	191,208	3,181	2,713
38	38	97 402	8 897,820	127 396,392	14,318	13,849	88	88	11 298	44,281	131,106	2,961	2,492
39	39	97 249	8 341,647	118 498,572	14,206	13,737	89	89	8 548	31,458	86,825	2,760	2,291
40	40	97 074	7 818,398	110 156,925	14,089	13,621	90	90	6 217	21,482	55,367	2,577	2,109
41	41	96 892	7 327,491	102 338,527	13,966	13,498	91	91	4 330	14,049	33,884	2,412	1,943
42	42	96 681	6 865,257	95 011,036	13,839	13,371	92	92	2 887	8,795	19,835	2,255	1,787
43	43	96 466	6 431,938	88 145,779	13,704	13,236	93	93	1 819	5,204	11,041	2,122	1,653
44	44	96 226	6 024,346	81 713,842	13,564	13,095	94	94	1 086	2,917	5,837	2,001	1,532
45	45	95 968	5 641,514	75 689,495	13,417	12,948	95	95	611	1,541	2,920	1,895	1,426
46	46	95 685	5 281,554	70 047,981	13,263	12,794	96	96	323	0,765	1,379	1,803	1,334
47	47	95 375	4 943,116	64 766,427	13,102	12,634	97	97	160	0,355	0,614	1,731	1,262
48	48	95 029	4 624,584	59 823,311	12,936	12,467	98	98	75	0,157	0,259	1,655	1,186
49	49	94 635	4 324,366	55 198,727	12,765	12,296	99	99	33	0,065	0,103	1,581	1,112
							100	100	13	0,025	0,038	1,521	1,052

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	1 601 912,351	16,066	15,597	50	51	94 025	4 034,243	50 502,795	12,519	12,050
1	2	99 351	93 287,411	1 502 201,538	16,103	15,634	51	52	93 528	3 768,008	46 468,552	12,332	11,864
2	3	99 314	87 561,136	1 408 914,127	16,091	15,622	52	53	92 988	3 517,606	42 700,543	12,139	11,670
3	4	99 291	82 197,897	1 321 352,991	16,075	15,607	53	54	92 387	3 281,564	39 182,937	11,940	11,472
4	5	99 270	77 164,871	1 239 155,094	16,059	15,590	54	55	91 717	3 058,924	35 901,373	11,737	11,268
5	6	99 252	72 442,088	1 161 990,223	16,040	15,572	55	56	90 973	2 848,949	32 842,450	11,528	11,059
6	7	99 236	68 009,592	1 089 548,134	16,021	15,552	56	57	90 150	2 650,863	29 993,500	11,315	10,846
7	8	99 222	63 849,981	1 021 538,542	15,999	15,530	57	58	89 242	2 464,017	27 342,638	11,097	10,628
8	9	99 205	59 942,887	957 688,561	15,977	15,508	58	59	88 248	2 287,687	24 878,621	10,875	10,406
9	10	99 192	56 277,123	897 745,674	15,952	15,483	59	60	87 154	2 121,593	22 590,934	10,648	10,179
10	11	99 179	52 835,190	841 468,551	15,926	15,458	60	61	85 954	1 964,671	20 469,341	10,419	9,950
11	12	99 164	49 602,998	788 633,361	15,899	15,430	61	62	84 657	1 816,930	18 504,670	10,185	9,716
12	13	99 151	46 569,423	739 030,363	15,869	15,401	62	63	83 248	1 677,632	16 687,740	9,947	9,478
13	14	99 134	43 719,830	692 460,940	15,839	15,370	63	64	81 713	1 546,203	15 010,108	9,708	9,239
14	15	99 116	41 043,883	648 741,110	15,806	15,337	64	65	80 057	1 422,409	13 463,905	9,466	8,997
15	16	99 092	38 529,635	607 697,227	15,772	15,303	65	66	78 293	1 306,167	12 041,497	9,219	8,750
16	17	99 064	36 167,814	569 167,593	15,737	15,268	66	67	76 416	1 197,043	10 735,330	8,968	8,499
17	18	99 029	33 948,221	532 999,779	15,700	15,232	67	68	74 429	1 094,761	9 538,286	8,713	8,244
18	19	98 986	31 862,591	499 051,559	15,663	15,194	68	69	72 338	999,059	8 443,526	8,451	7,983
19	20	98 932	29 901,462	467 188,967	15,624	15,156	69	70	70 098	909,043	7 444,467	8,189	7,721
20	21	98 875	28 060,567	437 287,506	15,584	15,115	70	71	67 759	825,078	6 535,424	7,921	7,452
21	22	98 818	26 332,606	409 226,939	15,541	15,072	71	72	65 319	746,820	5 710,346	7,646	7,177
22	23	98 761	24 711,304	382 894,333	15,495	15,026	72	73	62 738	673,531	4 963,526	7,369	6,901
23	24	98 704	23 189,582	358 183,028	15,446	14,977	73	74	60 066	605,495	4 289,995	7,085	6,616
24	25	98 646	21 761,530	334 993,447	15,394	14,925	74	75	57 274	542,104	3 684,500	6,797	6,328
25	26	98 582	20 420,031	313 231,916	15,339	14,871	75	76	54 371	483,223	3 142,395	6,503	6,034
26	27	98 521	19 161,854	292 811,885	15,281	14,812	76	77	51 346	428,490	2 659,172	6,206	5,737
27	28	98 457	17 980,650	273 650,031	15,219	14,750	77	78	48 241	378,001	2 230,682	5,901	5,433
28	29	98 389	16 871,630	255 669,381	15,154	14,685	78	79	45 039	331,372	1 852,681	5,591	5,122
29	30	98 319	15 830,672	238 797,750	15,084	14,616	79	80	41 699	288,076	1 521,309	5,281	4,812
30	31	98 243	14 852,946	222 967,079	15,012	14,543	80	81	38 238	248,045	1 233,233	4,972	4,503
31	32	98 159	13 934,574	208 114,133	14,935	14,466	81	82	34 646	211,026	985,188	4,669	4,200
32	33	98 070	13 072,209	194 179,558	14,854	14,386	82	83	30 964	177,087	774,162	4,372	3,903
33	34	97 976	12 262,580	181 107,349	14,769	14,300	83	84	27 224	146,198	597,075	4,084	3,615
34	35	97 870	11 501,695	168 844,769	14,680	14,211	84	85	23 474	118,366	450,877	3,809	3,340
35	36	97 755	10 787,084	157 343,074	14,586	14,118	85	86	19 797	93,729	332,511	3,548	3,079
36	37	97 635	10 116,244	146 555,990	14,487	14,018	86	87	16 263	72,299	238,782	3,303	2,834
37	38	97 499	9 485,640	136 439,745	14,384	13,915	87	88	12 971	54,146	166,482	3,075	2,606
38	39	97 348	8 892,889	126 954,105	14,276	13,807	88	89	10 018	39,264	112,336	2,861	2,392
39	40	97 186	8 336,219	118 061,216	14,162	13,694	89	90	7 447	27,406	73,072	2,666	2,198
40	41	97 012	7 813,448	109 724,996	14,043	13,574	90	91	5 302	18,322	45,666	2,492	2,024
41	42	96 821	7 322,121	101 911,548	13,918	13,450	91	92	3 611	11,718	27,344	2,334	1,865
42	43	96 603	6 859,717	94 589,427	13,789	13,320	92	93	2 344	7,142	15,627	2,188	1,719
43	44	96 380	6 426,177	87 729,710	13,652	13,183	93	94	1 438	4,114	8,485	2,062	1,594
44	45	96 135	6 018,648	81 303,533	13,509	13,040	94	95	837	2,247	4,371	1,945	1,476
45	46	95 865	5 635,446	75 284,885	13,359	12,890	95	96	456	1,149	2,123	1,848	1,379
46	47	95 572	5 275,300	69 649,439	13,203	12,734	96	97	233	0,551	0,974	1,767	1,299
47	48	95 251	4 936,693	64 374,139	13,040	12,571	97	98	113	0,250	0,423	1,691	1,222
48	49	94 884	4 617,568	59 437,447	12,872	12,403	98	99	51	0,107	0,173	1,619	1,150
49	50	94 476	4 317,084	54 819,878	12,698	12,230	99	100	22	0,043	0,066	1,550	1,081

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	1 601 229,656	16,062	15,594	50	52	93 830	4 025,866	50 100,034	12,445	11,976
1	3	99 338	93 275,153	1 501 541,020	16,098	15,629	51	53	93 322	3 759,702	46 074,168	12,255	11,786
2	4	99 304	87 552,407	1 408 265,868	16,085	15,616	52	54	92 757	3 508,887	42 314,466	12,059	11,590
3	5	99 282	82 190,330	1 320 713,461	16,069	15,600	53	55	92 132	3 272,526	38 805,579	11,858	11,389
4	6	99 263	77 159,628	1 238 523,131	16,051	15,583	54	56	91 431	3 049,403	35 533,053	11,652	11,184
5	7	99 245	72 436,799	1 161 363,503	16,033	15,564	55	57	90 665	2 839,315	32 483,650	11,441	10,972
6	8	99 231	68 006,353	1 088 926,704	16,012	15,543	56	58	89 811	2 640,905	29 644,334	11,225	10,756
7	9	99 215	63 845,379	1 020 920,351	15,991	15,522	57	59	88 870	2 453,733	27 003,429	11,005	10,536
8	10	99 200	59 939,701	957 074,971	15,967	15,499	58	60	87 833	2 277,085	24 549,696	10,781	10,312
9	11	99 187	56 273,994	897 135,270	15,942	15,474	59	61	86 708	2 110,716	22 272,611	10,552	10,083
10	12	99 171	52 831,127	840 861,276	15,916	15,447	60	62	85 474	1 953,696	20 161,895	10,320	9,851
11	13	99 158	49 599,863	788 030,149	15,888	15,419	61	63	84 139	1 805,806	18 208,199	10,083	9,614
12	14	99 143	46 565,742	738 430,286	15,858	15,389	62	64	82 685	1 666,291	16 402,393	9,844	9,375
13	15	99 125	43 715,797	691 864,544	15,826	15,358	63	65	81 108	1 534,747	14 736,102	9,602	9,133
14	16	99 104	41 039,131	648 148,747	15,793	15,325	64	66	79 415	1 411,010	13 201,355	9,356	8,887
15	17	99 079	38 524,709	607 109,616	15,759	15,290	65	67	77 607	1 294,728	11 790,345	9,106	8,638
16	18	99 051	36 163,124	568 584,907	15,723	15,254	66	68	75 701	1 185,841	10 495,617	8,851	8,382
17	19	99 012	33 942,710	532 421,783	15,686	15,217	67	69	73 670	1 083,590	9 309,775	8,592	8,123
18	20	98 970	31 857,354	498 479,072	15,647	15,178	68	70	71 502	987,524	8 226,186	8,330	7,861
19	21	98 915	29 896,568	466 621,718	15,608	15,139	69	71	69 218	897,633	7 238,662	8,064	7,595
20	22	98 859	28 055,802	436 725,151	15,566	15,098	70	72	66 823	813,680	6 341,029	7,793	7,324
21	23	98 801	26 328,188	408 669,349	15,522	15,053	71	73	64 342	735,656	5 527,349	7,513	7,045
22	24	98 745	24 707,263	382 341,161	15,475	15,006	72	74	61 688	662,259	4 791,693	7,235	6,767
23	25	98 688	23 185,773	357 633,898	15,425	14,956	73	75	58 974	594,480	4 129,434	6,946	6,478
24	26	98 627	21 757,300	334 448,126	15,372	14,903	74	76	56 121	531,197	3 534,954	6,655	6,186
25	27	98 564	20 416,392	312 690,826	15,316	14,847	75	77	53 167	472,520	3 003,756	6,357	5,888
26	28	98 500	19 157,835	292 274,434	15,256	14,787	76	78	50 117	418,233	2 531,236	6,052	5,583
27	29	98 433	17 976,371	273 116,600	15,193	14,724	77	79	46 928	367,716	2 113,004	5,746	5,278
28	30	98 365	16 867,467	255 140,229	15,126	14,657	78	80	43 651	321,163	1 745,287	5,434	4,966
29	31	98 291	15 826,195	238 272,762	15,056	14,587	79	81	40 229	277,918	1 424,124	5,124	4,656
30	32	98 211	14 848,163	222 446,567	14,981	14,513	80	82	36 693	238,021	1 146,206	4,816	4,347
31	33	98 126	13 929,894	207 598,403	14,903	14,434	81	83	33 018	201,107	908,186	4,516	4,047
32	34	98 036	13 067,631	193 668,510	14,820	14,352	82	84	29 255	167,313	707,079	4,226	3,757
33	35	97 938	12 257,899	180 600,879	14,733	14,265	83	85	25 488	136,873	539,766	3,944	3,475
34	36	97 824	11 496,324	168 342,980	14,643	14,174	84	86	21 744	109,643	402,893	3,675	3,206
35	37	97 709	10 781,940	156 846,656	14,547	14,078	85	87	18 108	85,736	293,250	3,420	2,952
36	38	97 586	10 111,136	146 064,715	14,446	13,977	86	88	14 651	65,135	207,514	3,186	2,717
37	39	97 445	9 480,384	135 953,579	14,341	13,872	87	89	11 502	48,011	142,379	2,966	2,497
38	40	97 285	8 887,103	126 473,195	14,231	13,762	88	90	8 727	34,207	94,368	2,759	2,290
39	41	97 124	8 330,941	117 586,092	14,114	13,646	89	91	6 351	23,374	60,162	2,574	2,105
40	42	96 941	7 807,721	109 255,150	13,993	13,524	90	92	4 422	15,282	36,788	2,407	1,939
41	43	96 743	7 316,213	101 447,429	13,866	13,397	91	93	2 933	9,515	21,506	2,260	1,791
42	44	96 516	6 853,573	94 131,216	13,735	13,266	92	94	1 853	5,646	11,990	2,124	1,655
43	45	96 289	6 420,098	87 277,643	13,594	13,126	93	95	1 108	3,170	6,345	2,001	1,533
44	46	96 032	6 012,174	80 857,544	13,449	12,980	94	96	624	1,676	3,174	1,894	1,425
45	47	95 752	5 628,773	74 845,370	13,297	12,828	95	97	328	0,828	1,498	1,810	1,341
46	48	95 447	5 268,445	69 216,598	13,138	12,669	96	98	164	0,389	0,670	1,724	1,255
47	49	95 106	4 929,203	63 948,152	12,973	12,505	97	99	77	0,170	0,282	1,652	1,183
48	50	94 725	4 609,792	59 018,949	12,803	12,334	98	100	34	0,070	0,111	1,585	1,117
49	51	94 302	4 309,123	54 409,157	12,627	12,158							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	1 600 510,283	16,057	15,588	50	53	93 623	4 016,991	49 664,365	12,364	11,895
1	4	99 328	93 265,853	1 500 834,746	16,092	15,623	51	54	93 091	3 750,383	45 647,374	12,171	11,703
2	5	99 295	87 544,347	1 407 568,893	16,078	15,610	52	55	92 502	3 499,223	41 896,991	11,973	11,504
3	6	99 275	82 184,746	1 320 024,546	16,062	15,593	53	56	91 846	3 262,340	38 397,768	11,770	11,301
4	7	99 256	77 153,994	1 237 839,800	16,044	15,575	54	57	91 122	3 039,091	35 135,427	11,561	11,092
5	8	99 240	72 433,349	1 160 685,806	16,024	15,555	55	58	90 325	2 828,650	32 096,336	11,347	10,878
6	9	99 224	68 001,452	1 088 252,457	16,003	15,535	56	59	89 436	2 629,883	29 267,686	11,129	10,660
7	10	99 210	63 841,986	1 020 251,005	15,981	15,512	57	60	88 458	2 442,362	26 637,803	10,907	10,438
8	11	99 194	59 936,369	956 409,019	15,957	15,488	58	61	87 382	2 265,410	24 195,441	10,680	10,212
9	12	99 179	56 269,667	896 472,650	15,932	15,463	59	62	86 223	2 098,925	21 930,031	10,448	9,979
10	13	99 165	52 827,788	840 202,983	15,905	15,436	60	63	84 951	1 941,736	19 831,106	10,213	9,744
11	14	99 150	49 595,943	787 375,195	15,876	15,407	61	64	83 570	1 793,599	17 889,370	9,974	9,505
12	15	99 134	46 561,446	737 779,253	15,845	15,377	62	65	82 072	1 653,945	16 095,771	9,732	9,263
13	16	99 114	43 710,736	691 217,807	15,813	15,345	63	66	80 458	1 522,448	14 441,826	9,486	9,017
14	17	99 092	41 033,884	647 507,070	15,780	15,311	64	67	78 720	1 398,653	12 919,377	9,237	8,768
15	18	99 067	38 519,714	606 473,186	15,744	15,276	65	68	76 881	1 282,612	11 520,725	8,982	8,513
16	19	99 035	36 157,254	567 953,472	15,708	15,239	66	69	74 928	1 173,741	10 238,113	8,723	8,254
17	20	98 996	33 937,131	531 796,217	15,670	15,201	67	70	72 819	1 071,078	9 064,371	8,463	7,994
18	21	98 954	31 852,140	497 859,086	15,630	15,162	68	71	70 605	975,129	7 993,293	8,197	7,728
19	22	98 899	29 891,491	466 006,947	15,590	15,121	69	72	68 262	885,232	7 018,165	7,928	7,459
20	23	98 842	28 051,095	436 115,456	15,547	15,078	70	73	65 824	801,517	6 132,932	7,652	7,183
21	24	98 785	26 323,882	408 064,361	15,502	15,033	71	74	63 266	723,344	5 331,415	7,371	6,902
22	25	98 729	24 703,204	381 740,479	15,453	14,984	72	75	60 566	650,211	4 608,071	7,087	6,618
23	26	98 668	23 181,265	357 037,275	15,402	14,933	73	76	57 787	582,519	3 957,860	6,794	6,326
24	27	98 609	21 753,422	333 856,010	15,347	14,879	74	77	54 878	519,432	3 375,340	6,498	6,029
25	28	98 544	20 412,110	312 102,588	15,290	14,821	75	78	51 894	461,209	2 855,909	6,192	5,723
26	29	98 477	19 153,275	291 690,479	15,229	14,761	76	79	48 754	406,854	2 394,700	5,886	5,417
27	30	98 409	17 971,935	272 537,204	15,165	14,696	77	80	45 482	356,388	1 987,846	5,578	5,109
28	31	98 337	16 862,697	254 565,269	15,096	14,628	78	81	42 112	309,838	1 631,459	5,266	4,797
29	32	98 260	15 821,099	237 702,572	15,024	14,556	79	82	38 603	266,686	1 321,620	4,956	4,487
30	33	98 178	14 843,176	221 881,473	14,948	14,480	80	83	34 968	226,833	1 054,935	4,651	4,182
31	34	98 092	13 925,015	207 038,297	14,868	14,399	81	84	31 195	190,007	828,102	4,358	3,890
32	35	97 998	13 062,642	193 113,282	14,784	14,315	82	85	27 389	156,640	638,095	4,074	3,605
33	36	97 893	12 252,175	180 050,640	14,695	14,227	83	86	23 610	126,786	481,454	3,797	3,329
34	37	97 777	11 490,842	167 798,465	14,603	14,134	84	87	19 890	100,293	354,668	3,536	3,068
35	38	97 659	10 776,496	156 307,623	14,504	14,036	85	88	16 314	77,240	254,375	3,293	2,825
36	39	97 532	10 105,534	145 531,127	14,401	13,932	86	89	12 991	57,755	177,135	3,067	2,598
37	40	97 382	9 474,216	135 425,593	14,294	13,825	87	90	10 020	41,827	119,381	2,854	2,385
38	41	97 223	8 881,477	125 951,377	14,181	13,713	88	91	7 443	29,174	77,554	2,658	2,190
39	42	97 053	8 324,835	117 069,901	14,063	13,594	89	92	5 297	19,496	48,380	2,482	2,013
40	43	96 863	7 801,422	108 745,065	13,939	13,470	90	93	3 591	12,410	28,884	2,328	1,859
41	44	96 657	7 309,660	100 943,644	13,810	13,341	91	94	2 318	7,522	16,474	2,190	1,721
42	45	96 425	6 847,091	93 633,984	13,675	13,206	92	95	1 428	4,350	8,952	2,058	1,589
43	46	96 185	6 413,192	86 786,893	13,533	13,064	93	96	826	2,364	4,602	1,946	1,478
44	47	95 918	6 005,055	80 373,701	13,384	12,916	94	97	450	1,208	2,238	1,852	1,384
45	48	95 627	5 621,459	74 368,646	13,229	12,761	95	98	232	0,584	1,030	1,763	1,294
46	49	95 303	5 260,452	68 747,187	13,069	12,600	96	99	112	0,265	0,446	1,683	1,214
47	50	94 946	4 920,902	63 486,735	12,901	12,433	97	100	50	0,112	0,181	1,616	1,147
48	51	94 550	4 601,292	58 565,833	12,728	12,259							
49	52	94 106	4 300,176	53 964,541	12,549	12,081							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	1 599 741,556	16,051	15,582	50	54	93 391	4 007,034	49 193,567	12,277	11,808
1	5	99 319	93 257,268	1 500 075,957	16,085	15,617	51	55	92 834	3 740,054	45 186,532	12,082	11,613
2	6	99 288	87 538,399	1 406 818,689	16,071	15,602	52	56	92 214	3 488,332	41 446,478	11,881	11,413
3	7	99 268	82 178,745	1 319 280,290	16,054	15,585	53	57	91 535	3 251,309	37 958,146	11,675	11,206
4	8	99 251	77 150,319	1 237 101,545	16,035	15,566	54	58	90 780	3 027,676	34 706,838	11,463	10,994
5	9	99 233	72 428,129	1 159 951,226	16,015	15,546	55	59	89 948	2 816,844	31 679,162	11,246	10,778
6	10	99 219	67 997,838	1 087 523,097	15,993	15,525	56	60	89 022	2 617,695	28 862,318	11,026	10,557
7	11	99 204	63 838,437	1 019 525,259	15,970	15,502	57	61	88 005	2 429,840	26 244,623	10,801	10,332
8	12	99 187	59 931,759	955 686,822	15,946	15,478	58	62	86 894	2 252,755	23 814,783	10,571	10,103
9	13	99 173	56 266,111	895 755,063	15,920	15,451	59	63	85 695	2 086,076	21 562,027	10,336	9,867
10	14	99 157	52 823,613	839 488,952	15,892	15,424	60	64	84 376	1 928,609	19 475,951	10,098	9,630
11	15	99 141	49 591,367	786 665,340	15,863	15,394	61	65	82 951	1 780,310	17 547,342	9,856	9,388
12	16	99 122	46 556,056	737 073,972	15,832	15,363	62	66	81 415	1 640,691	15 767,032	9,610	9,141
13	17	99 101	43 705,148	690 517,917	15,799	15,331	63	67	79 753	1 509,115	14 126,340	9,361	8,892
14	18	99 079	41 028,564	646 812,768	15,765	15,296	64	68	77 983	1 385,564	12 617,225	9,106	8,637
15	19	99 050	38 513,462	605 784,204	15,729	15,260	65	69	76 097	1 269,524	11 231,661	8,847	8,378
16	20	99 019	36 151,311	567 270,742	15,692	15,223	66	70	74 063	1 160,189	9 962,137	8,587	8,118
17	21	98 980	33 931,576	531 119,431	15,653	15,184	67	71	71 905	1 057,634	8 801,948	8,322	7,854
18	22	98 937	31 846,731	497 187,855	15,612	15,143	68	72	69 630	961,658	7 744,314	8,053	7,584
19	23	98 882	29 886,476	465 341,124	15,570	15,102	69	73	67 242	872,000	6 782,656	7,778	7,310
20	24	98 826	28 046,507	435 454,648	15,526	15,057	70	74	64 723	788,103	5 910,656	7,500	7,031
21	25	98 769	26 319,557	407 408,141	15,479	15,011	71	75	62 115	710,185	5 122,553	7,213	6,744
22	26	98 710	24 698,401	381 088,583	15,430	14,961	72	76	59 347	637,129	4 412,368	6,925	6,457
23	27	98 651	23 177,133	356 390,182	15,377	14,908	73	77	56 507	569,617	3 775,239	6,628	6,159
24	28	98 589	21 748,859	333 213,049	15,321	14,852	74	78	53 564	506,997	3 205,622	6,323	5,854
25	29	98 520	20 407,252	311 464,190	15,262	14,794	75	79	50 482	448,661	2 698,625	6,015	5,546
26	30	98 452	19 148,549	291 056,938	15,200	14,731	76	80	47 252	394,319	2 249,964	5,706	5,237
27	31	98 381	17 966,853	271 908,389	15,134	14,665	77	81	43 879	343,821	1 855,645	5,397	4,928
28	32	98 305	16 857,267	253 941,537	15,064	14,595	78	82	40 410	297,316	1 511,824	5,085	4,616
29	33	98 227	15 815,784	237 084,269	14,990	14,522	79	83	36 788	254,151	1 214,508	4,779	4,310
30	34	98 144	14 837,977	221 268,485	14,912	14,444	80	84	33 038	214,313	960,357	4,481	4,012
31	35	98 055	13 919,699	206 430,508	14,830	14,361	81	85	29 205	177,887	746,044	4,194	3,725
32	36	97 953	13 056,543	192 510,809	14,744	14,276	82	86	25 370	145,097	568,158	3,916	3,447
33	37	97 846	12 246,332	179 454,267	14,654	14,185	83	87	21 596	115,974	423,061	3,648	3,179
34	38	97 728	11 485,040	167 207,934	14,559	14,090	84	88	17 919	90,354	307,087	3,399	2,930
35	39	97 605	10 770,525	155 722,894	14,458	13,990	85	89	14 466	68,488	216,733	3,165	2,696
36	40	97 468	10 098,959	144 952,369	14,353	13,884	86	90	11 318	50,316	148,244	2,946	2,478
37	41	97 320	9 468,218	134 853,411	14,243	13,774	87	91	8 546	35,674	97,929	2,745	2,276
38	42	97 152	8 874,967	125 385,193	14,128	13,659	88	92	6 208	24,333	62,255	2,558	2,090
39	43	96 975	8 318,118	116 510,226	14,007	13,538	89	93	4 302	15,832	37,922	2,395	1,927
40	44	96 776	7 794,434	108 192,108	13,881	13,412	90	94	2 839	9,810	22,090	2,252	1,783
41	45	96 565	7 302,746	100 397,674	13,748	13,279	91	95	1 786	5,796	12,280	2,119	1,650
42	46	96 321	6 839,725	93 094,928	13,611	13,142	92	96	1 065	3,244	6,483	1,998	1,530
43	47	96 071	6 405,598	86 255,202	13,466	12,997	93	97	596	1,704	3,239	1,901	1,433
44	48	95 793	5 997,252	79 849,604	13,314	12,846	94	98	317	0,852	1,536	1,803	1,334
45	49	95 482	5 612,930	73 852,353	13,158	12,689	95	99	158	0,398	0,684	1,719	1,250
46	50	95 142	5 251,593	68 239,422	12,994	12,525	96	100	73	0,174	0,286	1,644	1,176
47	51	94 771	4 911,829	62 987,829	12,824	12,355							
48	52	94 354	4 591,737	58 076,000	12,648	12,179							
49	53	93 898	4 290,696	53 484,263	12,465	11,996							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	1 598 916,331	16,044	15,576	50	55	93 133	3 995,998	48 685,959	12,184	11,715
1	6	99 312	93 250,931	1 499 259,907	16,078	15,609	51	56	92 545	3 728,413	44 689,961	11,986	11,518
2	7	99 281	87 532,007	1 406 008,975	16,063	15,594	52	57	91 902	3 476,536	40 961,547	11,782	11,314
3	8	99 263	82 174,831	1 318 476,968	16,045	15,576	53	58	91 191	3 239,096	37 485,011	11,573	11,104
4	9	99 244	77 144,759	1 236 302,137	16,026	15,557	54	59	90 401	3 015,039	34 245,916	11,358	10,890
5	10	99 228	72 424,279	1 159 157,377	16,005	15,536	55	60	89 531	2 803,790	31 230,876	11,139	10,670
6	11	99 213	67 994,057	1 086 733,098	15,983	15,514	56	61	88 566	2 604,275	28 427,087	10,916	10,447
7	12	99 196	63 833,527	1 018 739,041	15,959	15,491	57	62	87 513	2 416,267	25 822,812	10,687	10,218
8	13	99 181	59 927,972	954 905,513	15,934	15,465	58	63	86 362	2 238,964	23 406,545	10,454	9,985
9	14	99 165	56 261,663	894 977,541	15,907	15,439	59	64	85 116	2 071,974	21 167,581	10,216	9,747
10	15	99 148	52 818,740	838 715,878	15,879	15,410	60	65	83 751	1 914,321	19 095,608	9,975	9,506
11	16	99 129	49 585,626	785 897,138	15,849	15,381	61	66	82 286	1 766,044	17 181,287	9,729	9,260
12	17	99 110	46 550,104	736 311,512	15,818	15,349	62	67	80 702	1 626,322	15 415,243	9,479	9,010
13	18	99 088	43 699,482	689 761,408	15,784	15,315	63	68	79 007	1 494,993	13 788,921	9,223	8,755
14	19	99 063	41 021,904	646 061,926	15,749	15,280	64	69	77 188	1 371,426	12 293,928	8,964	8,496
15	20	99 034	38 507,131	605 040,022	15,712	15,244	65	70	75 218	1 254,866	10 922,502	8,704	8,235
16	21	99 003	36 145,394	566 532,891	15,674	15,205	66	71	73 134	1 145,626	9 667,636	8,439	7,970
17	22	98 963	33 925,815	530 387,497	15,634	15,165	67	72	70 912	1 043,024	8 522,010	8,170	7,702
18	23	98 920	31 841,388	496 461,682	15,592	15,123	68	73	68 589	947,283	7 478,986	7,895	7,426
19	24	98 866	29 881,588	464 620,294	15,549	15,080	69	74	66 116	857,406	6 531,703	7,618	7,149
20	25	98 810	28 041,900	434 738,706	15,503	15,034	70	75	63 545	773,766	5 674,297	7,333	6,865
21	26	98 750	26 314,441	406 696,807	15,455	14,987	71	76	60 865	695,896	4 900,532	7,042	6,573
22	27	98 692	24 693,999	380 382,366	15,404	14,935	72	77	58 033	623,017	4 204,635	6,749	6,280
23	28	98 630	23 172,272	355 688,367	15,350	14,881	73	78	55 155	555,981	3 581,618	6,442	5,973
24	29	98 565	21 743,683	332 516,095	15,293	14,824	74	79	52 107	493,203	3 025,637	6,135	5,666
25	30	98 496	20 402,216	310 772,412	15,232	14,764	75	80	48 927	434,838	2 532,433	5,824	5,355
26	31	98 424	19 143,134	290 370,196	15,168	14,700	76	81	45 586	380,415	2 097,595	5,514	5,045
27	32	98 349	17 961,067	271 227,062	15,101	14,632	77	82	42 105	329,925	1 717,180	5,205	4,736
28	33	98 272	16 851,605	253 265,995	15,029	14,560	78	83	38 511	283,342	1 387,255	4,896	4,427
29	34	98 192	15 810,245	236 414,390	14,953	14,484	79	84	34 758	240,123	1 103,914	4,597	4,129
30	35	98 106	14 832,312	220 604,145	14,873	14,404	80	85	30 931	200,642	863,791	4,305	3,836
31	36	98 009	13 913,199	205 771,833	14,790	14,321	81	86	27 053	164,778	663,149	4,025	3,556
32	37	97 906	13 050,317	191 858,634	14,701	14,233	82	87	23 207	132,723	498,371	3,755	3,286
33	38	97 797	12 240,149	178 808,317	14,608	14,140	83	88	19 456	104,481	365,648	3,500	3,031
34	39	97 674	11 478,676	166 568,168	14,511	14,042	84	89	15 889	80,117	261,166	3,260	2,791
35	40	97 542	10 763,517	155 089,493	14,409	13,940	85	90	12 602	59,667	181,050	3,034	2,566
36	41	97 406	10 092,565	144 325,975	14,300	13,831	86	91	9 653	42,913	121,383	2,829	2,360
37	42	97 249	9 461,278	134 233,411	14,188	13,719	87	92	7 128	29,754	78,470	2,637	2,169
38	43	97 074	8 867,806	124 772,133	14,070	13,601	88	93	5 041	19,760	48,715	2,465	1,997
39	44	96 888	8 310,668	115 904,327	13,946	13,478	89	94	3 401	12,515	28,955	2,314	1,845
40	45	96 685	7 787,062	107 593,659	13,817	13,348	90	95	2 188	7,559	16,440	2,175	1,706
41	46	96 461	7 294,891	99 806,597	13,682	13,213	91	96	1 332	4,323	8,881	2,054	1,586
42	47	96 207	6 831,626	92 511,706	13,542	13,073	92	97	767	2,338	4,558	1,949	1,481
43	48	95 946	6 397,275	85 680,080	13,393	12,924	93	98	420	1,202	2,220	1,847	1,379
44	49	95 648	5 988,153	79 282,806	13,240	12,771	94	99	216	0,580	1,018	1,755	1,287
45	50	95 321	5 603,478	73 294,652	13,080	12,611	95	100	104	0,261	0,438	1,678	1,209
46	51	94 967	5 241,910	67 691,174	12,913	12,445							
47	52	94 574	4 901,629	62 449,264	12,741	12,272							
48	53	94 146	4 581,615	57 547,635	12,561	12,092							
49	54	93 666	4 280,061	52 966,020	12,375	11,906							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	1 598 029,626	16,036	15,568	50	56	92 844	3 983,561	48 139,820	12,085	11,616
1	7	99 305	93 244,123	1 498 379,972	16,069	15,601	51	57	92 232	3 715,805	44 156,259	11,883	11,415
2	8	99 276	87 527,838	1 405 135,850	16,054	15,585	52	58	91 557	3 463,477	40 440,454	11,676	11,208
3	9	99 256	82 168,909	1 317 608,011	16,035	15,567	53	59	90 811	3 225,577	36 976,977	11,464	10,995
4	10	99 239	77 140,659	1 235 439,102	16,015	15,547	54	60	89 982	3 001,066	33 751,400	11,246	10,778
5	11	99 222	72 420,253	1 158 298,443	15,994	15,525	55	61	89 072	2 789,415	30 750,333	11,024	10,555
6	12	99 205	67 988,828	1 085 878,190	15,971	15,503	56	62	88 071	2 589,727	27 960,918	10,797	10,328
7	13	99 190	63 829,493	1 017 889,362	15,947	15,478	57	63	86 977	2 401,474	25 371,191	10,565	10,096
8	14	99 173	59 923,235	954 059,869	15,921	15,453	58	64	85 779	2 223,829	22 969,717	10,329	9,860
9	15	99 156	56 256,473	894 136,633	15,894	15,425	59	65	84 485	2 056,623	20 745,889	10,087	9,619
10	16	99 137	52 812,625	837 880,160	15,865	15,396	60	66	83 080	1 898,980	18 689,266	9,842	9,373
11	17	99 117	49 579,287	785 067,535	15,835	15,366	61	67	81 566	1 750,577	16 790,286	9,591	9,123
12	18	99 097	46 544,069	735 488,248	15,802	15,333	62	68	79 946	1 611,103	15 039,709	9,335	8,866
13	19	99 072	43 692,388	688 944,180	15,768	15,299	63	69	78 201	1 479,738	13 428,606	9,075	8,606
14	20	99 046	41 015,162	645 251,791	15,732	15,263	64	70	76 296	1 355,591	11 948,868	8,815	8,346
15	21	99 018	38 500,828	604 236,630	15,694	15,225	65	71	74 274	1 239,115	10 593,276	8,549	8,080
16	22	98 986	36 139,257	565 735,801	15,654	15,186	66	72	72 123	1 129,800	9 354,161	8,279	7,811
17	23	98 947	33 920,123	529 596,545	15,613	15,144	67	73	69 852	1 027,433	8 224,361	8,005	7,536
18	24	98 904	31 836,180	495 676,422	15,570	15,101	68	74	67 441	931,429	7 196,929	7,727	7,258
19	25	98 850	29 876,679	463 840,242	15,525	15,056	69	75	64 914	841,808	6 265,499	7,443	6,974
20	26	98 790	28 036,448	433 963,563	15,479	15,010	70	76	62 267	758,197	5 423,691	7,153	6,685
21	27	98 732	26 309,750	405 927,115	15,429	14,960	71	77	59 517	680,483	4 665,494	6,856	6,387
22	28	98 671	24 688,820	379 617,364	15,376	14,907	72	78	56 643	608,103	3 985,011	6,553	6,084
23	29	98 607	23 166,757	354 928,545	15,321	14,852	73	79	53 654	540,854	3 376,908	6,244	5,775
24	30	98 541	21 738,317	331 761,788	15,262	14,793	74	80	50 502	478,009	2 836,053	5,933	5,464
25	31	98 468	20 396,446	310 023,470	15,200	14,731	75	81	47 202	419,505	2 358,045	5,621	5,152
26	32	98 393	19 136,970	289 627,024	15,134	14,666	76	82	43 743	365,040	1 938,540	5,310	4,842
27	33	98 316	17 955,034	270 490,054	15,065	14,596	77	83	40 126	314,418	1 573,500	5,004	4,536
28	34	98 238	16 845,703	252 535,020	14,991	14,522	78	84	36 385	267,702	1 259,082	4,703	4,235
29	35	98 155	15 804,209	235 689,317	14,913	14,444	79	85	32 541	224,806	991,379	4,410	3,941
30	36	98 061	14 825,386	219 885,108	14,832	14,363	80	86	28 651	185,856	766,573	4,125	3,656
31	37	97 962	13 906,564	205 059,722	14,746	14,277	81	87	24 746	150,726	580,717	3,853	3,384
32	38	97 856	13 043,727	191 153,157	14,655	14,186	82	88	20 907	119,571	429,992	3,596	3,127
33	39	97 742	12 233,367	178 109,430	14,559	14,091	83	89	17 252	92,643	310,421	3,351	2,882
34	40	97 610	11 471,207	165 876,064	14,460	13,991	84	90	13 842	69,797	217,777	3,120	2,651
35	41	97 480	10 756,703	154 404,857	14,354	13,886	85	91	10 748	50,889	147,980	2,908	2,439
36	42	97 335	10 085,167	143 648,154	14,244	13,775	86	92	8 051	35,793	97,091	2,713	2,244
37	43	97 171	9 453,644	133 562,987	14,128	13,659	87	93	5 788	24,162	61,299	2,537	2,068
38	44	96 987	8 859,863	124 109,343	14,008	13,539	88	94	3 985	15,621	37,137	2,377	1,909
39	45	96 797	8 302,807	115 249,479	13,881	13,412	89	95	2 620	9,644	21,515	2,231	1,762
40	46	96 581	7 778,685	106 946,672	13,749	13,280	90	96	1 631	5,637	11,872	2,106	1,637
41	47	96 347	7 286,252	99 167,987	13,610	13,142	91	97	960	3,115	6,234	2,001	1,533
42	48	96 082	6 822,749	91 881,735	13,467	12,998	92	98	541	1,649	3,119	1,892	1,423
43	49	95 801	6 387,569	85 058,985	13,316	12,848	93	99	286	0,818	1,470	1,797	1,328
44	50	95 487	5 978,069	78 671,416	13,160	12,691	94	100	142	0,381	0,652	1,711	1,242
45	51	95 146	5 593,146	72 693,347	12,997	12,528							
46	52	94 770	5 231,025	67 100,201	12,827	12,359							
47	53	94 366	4 890,824	61 869,176	12,650	12,181							
48	54	93 912	4 570,259	56 978,352	12,467	11,998							
49	55	93 408	4 268,273	52 408,093	12,279	11,810							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	1 597 074,445	16,028	15,559	50	57	92 530	3 970,090	47 553,731	11,978	11,509
1	8	99 300	93 239,682	1 497 432,067	16,060	15,591	51	58	91 886	3 701,848	43 583,641	11,773	11,305
2	9	99 269	87 521,530	1 404 192,386	16,044	15,575	52	59	91 175	3 449,022	39 881,793	11,563	11,094
3	10	99 251	82 164,542	1 316 670,855	16,025	15,556	53	60	90 390	3 210,628	36 432,771	11,348	10,879
4	11	99 233	77 136,371	1 234 506,314	16,004	15,535	54	61	89 520	2 985,681	33 222,143	11,127	10,658
5	12	99 214	72 414,684	1 157 369,943	15,983	15,514	55	62	88 575	2 773,833	30 236,462	10,901	10,432
6	13	99 199	67 984,532	1 084 955,260	15,959	15,490	56	63	87 532	2 573,873	27 462,629	10,670	10,201
7	14	99 182	63 824,448	1 016 970,728	15,934	15,465	57	64	86 389	2 385,240	24 888,757	10,434	9,966
8	15	99 164	59 917,707	953 146,280	15,908	15,439	58	65	85 143	2 207,353	22 503,517	10,195	9,726
9	16	99 145	56 249,960	893 228,572	15,880	15,411	59	66	83 808	2 040,142	20 296,164	9,948	9,480
10	17	99 124	52 805,873	836 978,612	15,850	15,381	60	67	82 352	1 882,349	18 256,022	9,699	9,230
11	18	99 104	49 572,859	784 172,739	15,819	15,350	61	68	80 802	1 734,195	16 373,673	9,442	8,973
12	19	99 081	46 536,513	734 599,880	15,785	15,317	62	69	79 131	1 594,664	14 639,478	9,180	8,712
13	20	99 056	43 685,207	688 063,366	15,750	15,282	63	70	77 298	1 462,653	13 044,814	8,919	8,450
14	21	99 030	41 008,448	644 378,160	15,713	15,245	64	71	75 339	1 338,576	11 582,162	8,653	8,184
15	22	99 001	38 494,291	603 369,711	15,674	15,206	65	72	73 248	1 221,997	10 243,586	8,383	7,914
16	23	98 969	36 133,193	564 875,420	15,633	15,164	66	73	71 045	1 112,912	9 021,588	8,106	7,638
17	24	98 930	33 914,575	528 742,227	15,590	15,122	67	74	68 683	1 010,237	7 908,676	7,829	7,360
18	25	98 888	31 830,950	494 827,652	15,545	15,077	68	75	66 214	914,485	6 898,439	7,544	7,075
19	26	98 830	29 870,871	462 996,702	15,500	15,031	69	76	63 608	824,871	5 983,954	7,254	6,786
20	27	98 773	28 031,451	433 125,831	15,451	14,983	70	77	60 887	741,404	5 159,084	6,959	6,490
21	28	98 711	26 304,232	405 094,380	15,400	14,932	71	78	58 092	664,193	4 417,679	6,651	6,182
22	29	98 648	24 682,944	378 790,148	15,346	14,877	72	79	55 102	591,558	3 753,486	6,345	5,876
23	30	98 582	23 161,040	354 107,204	15,289	14,820	73	80	52 001	524,192	3 161,928	6,032	5,563
24	31	98 513	21 732,170	330 946,164	15,228	14,760	74	81	48 721	461,153	2 637,736	5,720	5,251
25	32	98 436	20 389,879	309 213,994	15,165	14,696	75	82	45 294	402,551	2 176,583	5,407	4,938
26	33	98 360	19 130,542	288 824,115	15,098	14,629	76	83	41 687	347,882	1 774,032	5,100	4,631
27	34	98 282	17 948,746	269 693,574	15,026	14,557	77	84	37 911	297,063	1 426,150	4,801	4,332
28	35	98 200	16 839,271	251 744,828	14,950	14,481	78	85	34 064	250,626	1 129,086	4,505	4,036
29	36	98 109	15 796,829	234 905,557	14,870	14,402	79	86	30 143	208,239	878,460	4,219	3,750
30	37	98 014	14 818,317	219 108,727	14,786	14,318	80	87	26 208	170,007	670,221	3,942	3,474
31	38	97 913	13 899,543	204 290,411	14,698	14,229	81	88	22 294	135,789	500,215	3,684	3,215
32	39	97 802	13 036,499	190 390,868	14,604	14,136	82	89	18 538	106,023	364,425	3,437	2,968
33	40	97 679	12 225,407	177 354,369	14,507	14,038	83	90	15 030	80,710	258,402	3,202	2,733
34	41	97 549	11 463,945	165 128,962	14,404	13,935	84	91	11 806	59,529	177,692	2,985	2,516
35	42	97 409	10 748,818	153 665,017	14,296	13,827	85	92	8 965	42,445	118,163	2,784	2,315
36	43	97 256	10 077,030	142 916,199	14,182	13,714	86	93	6 538	29,066	75,718	2,605	2,136
37	44	97 084	9 445,176	132 839,169	14,064	13,595	87	94	4 576	19,101	46,652	2,442	1,974
38	45	96 895	8 851,483	123 393,992	13,940	13,472	88	95	3 071	12,037	27,551	2,289	1,820
39	46	96 692	8 293,876	114 542,509	13,810	13,342	89	96	1 954	7,192	15,515	2,157	1,689
40	47	96 466	7 769,474	106 248,633	13,675	13,206	90	97	1 176	4,063	8,323	2,049	1,580
41	48	96 222	7 276,785	98 479,159	13,533	13,065	91	98	677	2,197	4,260	1,939	1,470
42	49	95 936	6 812,398	91 202,374	13,388	12,919	92	99	369	1,123	2,063	1,837	1,368
43	50	95 639	6 376,812	84 389,976	13,234	12,765	93	100	188	0,537	0,940	1,749	1,281
44	51	95 311	5 967,046	78 013,163	13,074	12,605							
45	52	94 948	5 581,531	72 046,118	12,908	12,439							
46	53	94 561	5 219,494	66 464,586	12,734	12,265							
47	54	94 132	4 878,702	61 245,092	12,554	12,085							
48	55	93 654	4 557,672	56 366,391	12,367	11,899							
49	56	93 117	4 254,988	51 808,719	12,176	11,707							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	1 596 046,512	16,019	15,550	50	58	92 182	3 955,177	46 925,856	11,864	11,396
1	9	99 293	93 232,962	1 496 408,880	16,050	15,581	51	59	91 502	3 686,398	42 970,679	11,657	11,188
2	10	99 264	87 516,879	1 403 175,918	16,033	15,564	52	60	90 752	3 433,037	39 284,281	11,443	10,974
3	11	99 245	82 159,974	1 315 659,040	16,013	15,545	53	61	89 926	3 194,168	35 851,244	11,224	10,755
4	12	99 226	77 130,439	1 233 499,066	15,992	15,524	54	62	89 020	2 969,002	32 657,075	10,999	10,531
5	13	99 208	72 410,107	1 156 368,627	15,970	15,501	55	63	88 032	2 756,852	29 688,074	10,769	10,300
6	14	99 191	67 979,158	1 083 958,520	15,945	15,477	56	64	86 940	2 556,473	26 931,222	10,535	10,066
7	15	99 173	63 818,560	1 015 979,362	15,920	15,451	57	65	85 749	2 367,568	24 374,749	10,295	9,827
8	16	99 152	59 910,770	952 160,801	15,893	15,424	58	66	84 461	2 189,664	22 007,181	10,050	9,582
9	17	99 132	56 242,769	892 250,031	15,864	15,396	59	67	83 074	2 022,275	19 817,517	9,800	9,331
10	18	99 111	52 799,027	836 007,262	15,834	15,365	60	68	81 582	1 864,734	17 795,243	9,543	9,074
11	19	99 088	49 564,812	783 208,235	15,802	15,333	61	69	79 978	1 716,500	15 930,509	9,281	8,812
12	20	99 064	46 528,864	733 643,423	15,767	15,299	62	70	78 217	1 576,251	14 214,009	9,018	8,549
13	21	99 039	43 678,056	687 114,558	15,731	15,263	63	71	76 327	1 444,294	12 637,758	8,750	8,281
14	22	99 013	41 001,485	643 436,502	15,693	15,224	64	72	74 298	1 320,084	11 193,464	8,479	8,011
15	23	98 985	38 487,833	602 435,017	15,653	15,184	65	73	72 153	1 203,731	9 873,380	8,202	7,734
16	24	98 953	36 127,283	563 947,184	15,610	15,141	66	74	69 856	1 094,286	8 669,649	7,923	7,454
17	25	98 914	33 909,004	527 819,901	15,566	15,097	67	75	67 433	991,859	7 575,362	7,638	7,169
18	26	98 869	31 824,762	493 910,897	15,520	15,051	68	76	64 882	896,085	6 583,503	7,347	6,878
19	27	98 813	29 865,547	462 086,135	15,472	15,003	69	77	62 199	806,601	5 687,418	7,051	6,582
20	28	98 752	28 025,571	432 220,589	15,422	14,954	70	78	59 430	723,656	4 880,817	6,745	6,276
21	29	98 688	26 297,972	404 195,017	15,370	14,901	71	79	56 512	646,122	4 157,161	6,434	5,965
22	30	98 624	24 676,853	377 897,045	15,314	14,845	72	80	53 405	573,333	3 511,039	6,124	5,655
23	31	98 554	23 154,491	353 220,192	15,255	14,786	73	81	50 167	505,708	2 937,706	5,809	5,340
24	32	98 481	21 725,172	330 065,702	15,193	14,724	74	82	46 752	442,516	2 431,998	5,496	5,027
25	33	98 403	20 383,030	308 340,529	15,127	14,659	75	83	43 165	383,630	1 989,482	5,186	4,717
26	34	98 325	19 123,841	287 957,500	15,058	14,589	76	84	39 386	328,681	1 605,852	4,886	4,417
27	35	98 244	17 941,893	268 833,658	14,984	14,515	77	85	35 493	278,114	1 277,172	4,592	4,124
28	36	98 154	16 831,408	250 891,765	14,906	14,437	78	86	31 554	232,157	999,057	4,303	3,835
29	37	98 062	15 789,297	234 060,357	14,824	14,355	79	87	27 572	190,481	766,901	4,026	3,557
30	38	97 964	14 810,834	218 271,060	14,737	14,269	80	88	23 611	153,160	576,420	3,764	3,295
31	39	97 858	13 891,841	203 460,226	14,646	14,177	81	89	19 768	120,404	423,260	3,515	3,047
32	40	97 739	13 028,017	189 568,385	14,551	14,082	82	90	16 150	92,367	302,856	3,279	2,810
33	41	97 617	12 217,667	176 540,368	14,450	13,981	83	91	12 818	68,836	210,489	3,058	2,589
34	42	97 477	11 455,542	164 322,701	14,344	13,876	84	92	9 847	49,651	141,653	2,853	2,384
35	43	97 330	10 740,146	152 867,159	14,233	13,765	85	93	7 280	34,467	92,002	2,669	2,200
36	44	97 169	10 068,004	142 127,013	14,117	13,648	86	94	5 169	22,978	57,534	2,504	2,035
37	45	96 992	9 436,243	132 059,009	13,995	13,526	87	95	3 526	14,718	34,557	2,348	1,879
38	46	96 791	8 841,962	122 622,766	13,868	13,400	88	96	2 290	8,976	19,838	2,210	1,741
39	47	96 578	8 284,055	113 780,804	13,735	13,266	89	97	1 408	5,183	10,862	2,096	1,627
40	48	96 341	7 759,378	105 496,750	13,596	13,127	90	98	829	2,865	5,679	1,982	1,513
41	49	96 076	7 265,745	97 737,371	13,452	12,983	91	99	461	1,496	2,814	1,881	1,412
42	50	95 775	6 800,926	90 471,626	13,303	12,834	92	100	242	0,737	1,317	1,787	1,318
43	51	95 463	6 365,054	83 670,700	13,145	12,677							
44	52	95 113	5 954,655	77 305,646	12,982	12,514							
45	53	94 739	5 569,227	71 350,991	12,812	12,343							
46	54	94 326	5 206,557	65 781,764	12,634	12,166							
47	55	93 872	4 865,264	60 575,207	12,451	11,982							
48	56	93 362	4 543,487	55 709,942	12,261	11,793							
49	57	92 802	4 240,600	51 166,456	12,066	11,597							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	1 594 938,089	16,009	15,540	50	59	91 797	3 938,670	46 254,747	11,744	11,275
1	10	99 288	93 228,007	1 495 307,638	16,039	15,571	51	60	91 078	3 669,313	42 316,077	11,532	11,064
2	11	99 258	87 512,013	1 402 079,631	16,022	15,553	52	61	90 287	3 415,437	38 646,763	11,315	10,847
3	12	99 237	82 153,655	1 314 567,618	16,001	15,533	53	62	89 424	3 176,325	35 231,326	11,092	10,623
4	13	99 219	77 125,564	1 232 413,962	15,979	15,511	54	63	88 475	2 950,826	32 055,001	10,863	10,394
5	14	99 200	72 404,384	1 155 288,398	15,956	15,487	55	64	87 437	2 738,215	29 104,175	10,629	10,160
6	15	99 182	67 972,887	1 082 884,015	15,931	15,462	56	65	86 296	2 537,532	26 365,960	10,390	9,922
7	16	99 162	63 811,172	1 014 911,127	15,905	15,436	57	66	85 062	2 348,595	23 828,428	10,146	9,677
8	17	99 139	59 903,112	951 099,956	15,877	15,409	58	67	83 721	2 170,487	21 479,833	9,896	9,428
9	18	99 119	56 235,477	891 196,844	15,848	15,379	59	68	82 297	2 003,350	19 309,346	9,639	9,170
10	19	99 095	52 790,456	834 961,367	15,817	15,348	60	69	80 749	1 845,706	17 305,996	9,376	8,908
11	20	99 071	49 556,665	782 170,910	15,783	15,315	61	70	79 054	1 696,680	15 460,289	9,112	8,643
12	21	99 048	46 521,248	732 614,245	15,748	15,279	62	71	77 235	1 556,467	13 763,609	8,843	8,374
13	22	99 023	43 670,640	686 092,996	15,711	15,242	63	72	75 273	1 424,342	12 207,142	8,570	8,102
14	23	98 997	40 994,606	642 422,356	15,671	15,202	64	73	73 187	1 300,352	10 782,801	8,292	7,823
15	24	98 968	38 481,538	601 427,750	15,629	15,160	65	74	70 945	1 183,585	9 482,449	8,012	7,543
16	25	98 937	36 121,248	562 946,213	15,585	15,116	66	75	68 585	1 074,379	8 298,864	7,724	7,256
17	26	98 895	33 902,411	526 824,864	15,539	15,071	67	76	66 076	971,903	7 224,485	7,433	6,965
18	27	98 851	31 819,090	492 922,453	15,491	15,023	68	77	63 445	876,238	6 252,582	7,136	6,667
19	28	98 792	29 859,282	461 103,363	15,443	14,974	69	78	60 710	787,292	5 376,344	6,829	6,360
20	29	98 729	28 018,902	431 244,081	15,391	14,922	70	79	57 813	703,967	4 589,052	6,519	6,050
21	30	98 664	26 291,482	403 225,179	15,337	14,868	71	80	54 770	626,216	3 885,085	6,204	5,735
22	31	98 596	24 669,875	376 933,697	15,279	14,810	72	81	51 522	553,117	3 258,868	5,892	5,423
23	32	98 523	23 147,035	352 263,822	15,219	14,750	73	82	48 140	485,269	2 705,751	5,576	5,107
24	33	98 448	21 717,875	329 116,787	15,154	14,685	74	83	44 554	421,716	2 220,482	5,265	4,797
25	34	98 369	20 375,891	307 398,913	15,086	14,618	75	84	40 783	362,455	1 798,766	4,963	4,494
26	35	98 288	19 116,540	287 023,022	15,014	14,546	76	85	36 874	307,715	1 436,311	4,668	4,199
27	36	98 198	17 933,515	267 906,482	14,939	14,470	77	86	32 877	257,619	1 128,596	4,381	3,912
28	37	98 108	16 823,382	249 972,966	14,859	14,390	78	87	28 863	212,359	870,977	4,101	3,633
29	38	98 013	15 781,324	233 149,584	14,774	14,305	79	88	24 840	171,605	658,618	3,838	3,369
30	39	97 910	14 802,628	217 368,260	14,684	14,216	80	89	20 936	135,806	487,013	3,586	3,117
31	40	97 795	13 882,802	202 565,633	14,591	14,122	81	90	17 222	104,895	351,207	3,348	2,879
32	41	97 677	13 019,769	188 682,831	14,492	14,023	82	91	13 774	78,778	246,312	3,127	2,658
33	42	97 545	12 208,712	175 663,062	14,388	13,920	83	92	10 692	57,414	167,534	2,918	2,449
34	43	97 398	11 446,299	163 454,350	14,280	13,811	84	93	7 996	40,320	110,119	2,731	2,262
35	44	97 243	10 730,526	152 008,051	14,166	13,697	85	94	5 755	27,248	69,799	2,562	2,093
36	45	97 077	10 058,481	141 277,525	14,046	13,577	86	95	3 983	17,705	42,552	2,403	1,935
37	46	96 887	9 426,093	131 219,043	13,921	13,452	87	96	2 629	10,976	24,846	2,264	1,795
38	47	96 676	8 831,491	121 792,951	13,791	13,322	88	97	1 650	6,469	13,870	2,144	1,675
39	48	96 452	8 273,291	112 961,459	13,654	13,185	89	98	993	3,655	7,401	2,025	1,556
40	49	96 195	7 747,607	104 688,169	13,512	13,044	90	99	565	1,951	3,746	1,920	1,451
41	50	95 914	7 253,509	96 940,562	13,365	12,896	91	100	303	0,983	1,794	1,826	1,358
42	51	95 598	6 788,386	89 687,053	13,212	12,743							
43	52	95 265	6 351,837	82 898,668	13,051	12,582							
44	53	94 903	5 941,529	76 546,830	12,883	12,415							
45	54	94 504	5 555,424	70 605,302	12,709	12,241							
46	55	94 066	5 192,217	65 049,878	12,528	12,060							
47	56	93 580	4 850,122	59 857,662	12,341	11,873							
48	57	93 046	4 528,122	55 007,540	12,148	11,679							
49	58	92 454	4 224,671	50 479,417	11,949	11,480							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	1 593 746,296	15,997	15,529	50	60	91 372	3 920,416	45 539,084	11,616	11,147
1	11	99 282	93 222,824	1 494 121,141	16,027	15,559	51	61	90 611	3 650,502	41 618,667	11,401	10,932
2	12	99 251	87 505,283	1 400 898,317	16,009	15,541	52	62	89 783	3 396,358	37 968,166	11,179	10,710
3	13	99 231	82 148,464	1 313 393,034	15,988	15,519	53	63	88 877	3 156,880	34 571,808	10,951	10,483
4	14	99 212	77 119,468	1 231 244,570	15,965	15,497	54	64	87 877	2 930,878	31 414,928	10,719	10,250
5	15	99 191	72 397,705	1 154 125,102	15,941	15,473	55	65	86 789	2 717,928	28 484,050	10,480	10,011
6	16	99 171	67 965,018	1 081 727,398	15,916	15,447	56	66	85 604	2 517,197	25 766,122	10,236	9,767
7	17	99 149	63 803,014	1 013 762,380	15,889	15,420	57	67	84 317	2 328,027	23 248,925	9,987	9,518
8	18	99 127	59 895,345	949 959,365	15,860	15,392	58	68	82 938	2 150,176	20 920,898	9,730	9,261
9	19	99 103	56 226,349	890 064,020	15,830	15,361	59	69	81 457	1 982,908	18 770,722	9,466	8,998
10	20	99 079	52 781,779	833 837,671	15,798	15,329	60	70	79 817	1 824,395	16 787,814	9,202	8,733
11	21	99 055	49 548,554	781 055,892	15,763	15,295	61	71	78 062	1 675,384	14 963,419	8,931	8,463
12	22	99 031	46 513,349	731 507,338	15,727	15,258	62	72	76 168	1 534,965	13 288,035	8,657	8,188
13	23	99 006	43 663,313	684 993,989	15,688	15,219	63	73	74 148	1 403,051	11 753,070	8,377	7,908
14	24	98 981	40 987,901	641 330,676	15,647	15,178	64	74	71 962	1 278,589	10 350,020	8,095	7,626
15	25	98 952	38 475,216	600 342,775	15,603	15,135	65	75	69 655	1 162,053	9 071,431	7,806	7,338
16	26	98 918	36 114,326	561 867,558	15,558	15,089	66	76	67 205	1 052,762	7 909,377	7,513	7,044
17	27	98 877	33 896,368	525 753,232	15,511	15,042	67	77	64 613	950,376	6 856,615	7,215	6,746
18	28	98 830	31 812,416	491 856,864	15,461	14,992	68	78	61 926	855,262	5 906,238	6,906	6,437
19	29	98 769	29 852,176	460 044,448	15,411	14,942	69	79	59 058	765,872	5 050,976	6,595	6,126
20	30	98 704	28 011,987	430 192,272	15,357	14,889	70	80	56 032	682,279	4 285,104	6,281	5,812
21	31	98 636	26 284,047	402 180,285	15,301	14,833	71	81	52 839	604,135	3 602,825	5,964	5,495
22	32	98 564	24 661,931	375 896,237	15,242	14,773	72	82	49 439	530,762	2 998,690	5,650	5,181
23	33	98 490	23 139,259	351 234,306	15,179	14,710	73	83	45 877	462,461	2 467,928	5,337	4,868
24	34	98 414	21 710,268	328 095,047	15,112	14,644	74	84	42 095	398,439	2 005,467	5,033	4,565
25	35	98 331	20 368,111	306 384,778	15,042	14,574	75	85	38 181	339,335	1 607,028	4,736	4,267
26	36	98 242	19 107,614	286 016,667	14,969	14,500	76	86	34 156	285,038	1 267,693	4,447	3,979
27	37	98 152	17 924,964	266 909,053	14,890	14,422	77	87	30 074	235,650	982,655	4,170	3,701
28	38	98 058	16 814,888	248 984,089	14,807	14,339	78	88	26 003	191,315	747,005	3,905	3,436
29	39	97 958	15 772,580	232 169,202	14,720	14,251	79	89	22 025	152,161	555,690	3,652	3,183
30	40	97 846	14 792,996	216 396,622	14,628	14,160	80	90	18 239	118,314	403,529	3,411	2,942
31	41	97 733	13 874,012	201 603,626	14,531	14,062	81	91	14 688	89,463	285,215	3,188	2,719
32	42	97 605	13 010,226	187 729,613	14,429	13,961	82	92	11 489	65,707	195,752	2,979	2,510
33	43	97 467	12 198,861	174 719,387	14,323	13,854	83	93	8 682	46,624	130,045	2,789	2,321
34	44	97 311	11 436,047	162 520,526	14,211	13,743	84	94	6 321	31,874	83,422	2,617	2,148
35	45	97 151	10 720,376	151 084,479	14,093	13,624	85	95	4 435	20,996	51,547	2,455	1,986
36	46	96 973	10 047,662	140 364,103	13,970	13,501	86	96	2 970	13,204	30,552	2,314	1,845
37	47	96 773	9 414,930	130 316,441	13,841	13,373	87	97	1 895	7,910	17,348	2,193	1,724
38	48	96 550	8 820,016	120 901,511	13,708	13,239	88	98	1 164	4,562	9,438	2,069	1,600
39	49	96 306	8 260,739	112 081,495	13,568	13,099	89	99	676	2,489	4,875	1,959	1,490
40	50	96 033	7 734,559	103 820,755	13,423	12,954	90	100	371	1,281	2,386	1,862	1,393
41	51	95 737	7 240,134	96 086,196	13,271	12,803							
42	52	95 400	6 774,289	88 846,062	13,115	12,646							
43	53	95 055	6 337,835	82 071,773	12,949	12,481							
44	54	94 668	5 926,802	75 733,938	12,778	12,309							
45	55	94 244	5 540,122	69 807,135	12,600	12,132							
46	56	93 774	5 176,056	64 267,013	12,416	11,947							
47	57	93 264	4 833,721	59 090,956	12,225	11,756							
48	58	92 697	4 511,113	54 257,236	12,027	11,559							
49	59	92 068	4 207,039	49 746,123	11,824	11,356							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	1 592 463,512	15,985	15,517	50	61	90 903	3 900,317	44 777,683	11,481	11,012
1	12	99 275	93 215,654	1 492 843,895	16,015	15,546	51	62	90 105	3 630,109	40 877,366	11,261	10,792
2	13	99 244	87 499,753	1 399 628,241	15,996	15,527	52	63	89 233	3 375,565	37 247,256	11,034	10,566
3	14	99 223	82 141,971	1 312 128,488	15,974	15,505	53	64	88 276	3 135,539	33 871,691	10,803	10,334
4	15	99 202	77 112,354	1 229 986,517	15,951	15,482	54	65	87 226	2 909,164	30 736,153	10,565	10,097
5	16	99 180	72 389,323	1 152 874,163	15,926	15,457	55	66	86 094	2 696,147	27 826,989	10,321	9,852
6	17	99 158	67 956,329	1 080 484,841	15,900	15,431	56	67	84 855	2 495,152	25 130,841	10,072	9,603
7	18	99 136	63 794,742	1 012 528,511	15,872	15,403	57	68	83 528	2 306,241	22 635,689	9,815	9,346
8	19	99 110	59 885,623	948 733,769	15,842	15,374	58	69	82 091	2 128,235	20 329,448	9,552	9,084
9	20	99 087	56 217,107	888 848,147	15,811	15,342	59	70	80 517	1 960,013	18 201,212	9,286	8,818
10	21	99 062	52 773,140	832 631,039	15,778	15,309	60	71	78 815	1 801,496	16 241,200	9,015	8,547
11	22	99 038	49 540,141	779 857,899	15,742	15,273	61	72	76 984	1 652,239	14 439,704	8,739	8,271
12	23	99 015	46 505,545	730 317,759	15,704	15,235	62	73	75 030	1 512,020	12 787,464	8,457	7,988
13	24	98 990	43 656,172	683 812,213	15,664	15,195	63	74	72 907	1 379,569	11 275,444	8,173	7,704
14	25	98 964	40 981,168	640 156,042	15,621	15,152	64	75	70 653	1 255,329	9 895,875	7,883	7,414
15	26	98 933	38 467,736	599 174,874	15,576	15,107	65	76	68 253	1 138,673	8 640,546	7,588	7,120
16	27	98 900	36 107,889	560 707,138	15,529	15,060	66	77	65 717	1 029,445	7 501,873	7,287	6,819
17	28	98 857	33 889,259	524 599,249	15,480	15,011	67	78	63 066	927,626	6 472,428	6,977	6,509
18	29	98 807	31 804,845	490 709,990	15,429	14,960	68	79	60 241	831,993	5 544,802	6,664	6,196
19	30	98 744	29 844,810	458 905,145	15,376	14,908	69	80	57 239	742,277	4 712,810	6,349	5,880
20	31	98 676	28 004,066	429 060,335	15,321	14,853	70	81	54 056	658,221	3 970,533	6,032	5,563
21	32	98 604	26 275,584	401 056,269	15,263	14,795	71	82	50 704	579,719	3 312,312	5,714	5,245
22	33	98 531	24 653,647	374 780,685	15,202	14,733	72	83	47 115	505,815	2 732,593	5,402	4,934
23	34	98 455	23 131,156	350 127,039	15,137	14,668	73	84	43 345	436,935	2 226,778	5,096	4,628
24	35	98 376	21 701,980	326 995,883	15,068	14,599	74	85	39 410	373,024	1 789,843	4,798	4,329
25	36	98 285	20 358,601	305 293,903	14,996	14,527	75	86	35 367	314,328	1 416,820	4,507	4,039
26	37	98 195	19 098,502	284 935,303	14,919	14,451	76	87	31 244	260,731	1 102,492	4,228	3,760
27	38	98 102	17 915,913	265 836,800	14,838	14,369	77	88	27 094	212,298	841,761	3,965	3,496
28	39	98 004	16 805,570	247 920,888	14,752	14,284	78	89	23 056	169,638	629,463	3,711	3,242
29	40	97 895	15 762,317	231 115,317	14,663	14,194	79	90	19 188	132,562	459,825	3,469	3,000
30	41	97 784	14 783,631	215 353,000	14,567	14,098	80	91	15 556	100,908	327,263	3,243	2,774
31	42	97 661	13 863,844	200 569,370	14,467	13,998	81	92	12 251	74,619	226,355	3,033	2,565
32	43	97 526	12 999,729	186 705,526	14,362	13,894	82	93	9 330	53,357	151,736	2,844	2,375
33	44	97 379	12 187,935	173 705,797	14,252	13,784	83	94	6 864	36,858	98,379	2,669	2,200
34	45	97 219	11 425,230	161 517,863	14,137	13,668	84	95	4 871	24,561	61,521	2,505	2,036
35	46	97 046	10 708,845	150 092,633	14,016	13,547	85	96	3 307	15,657	36,961	2,361	1,892
36	47	96 858	10 035,763	139 383,788	13,889	13,420	86	97	2 140	9,516	21,303	2,239	1,770
37	48	96 647	9 402,697	129 348,024	13,756	13,288	87	98	1 336	5,579	11,787	2,113	1,644
38	49	96 404	8 806,635	119 945,327	13,620	13,151	88	99	793	3,107	6,209	1,998	1,530
39	50	96 144	8 246,828	111 138,692	13,477	13,008	89	100	444	1,635	3,102	1,897	1,429
40	51	95 856	7 720,297	102 891,865	13,327	12,859							
41	52	95 538	7 225,100	95 171,567	13,172	12,704							
42	53	95 189	6 759,356	87 946,467	13,011	12,542							
43	54	94 819	6 322,126	81 187,111	12,842	12,373							
44	55	94 407	5 910,478	74 864,985	12,666	12,198							
45	56	93 950	5 522,879	68 954,507	12,485	12,017							
46	57	93 457	5 158,553	63 431,627	12,296	11,828							
47	58	92 913	4 815,564	58 273,074	12,101	11,632							
48	59	92 310	4 492,286	53 457,510	11,900	11,431							
49	60	91 641	4 187,542	48 965,224	11,693	11,224							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	1 591 083,929	15,973	15,504	50	62	90 396	3 878,529	43 969,441	11,337	10,868
1	13	99 268	93 209,763	1 491 471,973	16,001	15,533	51	63	89 554	3 607,886	40 090,912	11,112	10,643
2	14	99 237	87 492,837	1 398 262,210	15,981	15,513	52	64	88 630	3 352,746	36 483,026	10,882	10,413
3	15	99 214	82 134,393	1 310 769,373	15,959	15,490	53	65	87 622	3 112,308	33 130,280	10,645	10,176
4	16	99 191	77 103,426	1 228 634,980	15,935	15,466	54	66	86 527	2 885,850	30 017,972	10,402	9,933
5	17	99 167	72 380,069	1 151 531,553	15,910	15,441	55	67	85 340	2 672,535	27 132,121	10,152	9,683
6	18	99 145	67 947,519	1 079 151,485	15,882	15,413	56	68	84 060	2 471,803	24 459,586	9,895	9,427
7	19	99 120	63 784,387	1 011 203,966	15,853	15,385	57	69	82 676	2 282,708	21 987,783	9,632	9,164
8	20	99 094	59 875,779	947 419,580	15,823	15,354	58	70	81 143	2 103,662	19 705,075	9,367	8,898
9	21	99 070	56 207,906	887 543,800	15,790	15,322	59	71	79 506	1 935,411	17 601,413	9,094	8,626
10	22	99 046	52 764,179	831 335,894	15,756	15,287	60	72	77 726	1 776,609	15 666,001	8,818	8,349
11	23	99 022	49 531,829	778 571,715	15,719	15,250	61	73	75 833	1 627,542	13 889,392	8,534	8,065
12	24	98 999	46 497,939	729 039,886	15,679	15,210	62	74	73 774	1 486,715	12 261,850	8,248	7,779
13	25	98 974	43 649,000	682 541,947	15,637	15,168	63	75	71 581	1 354,472	10 775,135	7,955	7,486
14	26	98 945	40 973,201	638 892,947	15,593	15,124	64	76	69 232	1 230,072	9 420,663	7,659	7,190
15	27	98 915	38 460,880	597 919,746	15,546	15,077	65	77	66 742	1 113,453	8 190,592	7,356	6,887
16	28	98 879	36 100,316	559 458,867	15,497	15,029	66	78	64 144	1 004,802	7 077,139	7,043	6,575
17	29	98 833	33 881,193	523 358,551	15,447	14,978	67	79	61 350	902,387	6 072,338	6,729	6,260
18	30	98 782	31 796,996	489 477,358	15,394	14,925	68	80	58 385	806,360	5 169,950	6,411	5,943
19	31	98 716	29 836,370	457 680,361	15,340	14,871	69	81	55 220	716,103	4 363,590	6,094	5,625
20	32	98 645	27 995,049	427 843,991	15,283	14,814	70	82	51 871	631,619	3 647,487	5,775	5,306
21	33	98 571	26 266,758	399 848,943	15,223	14,754	71	83	48 320	552,471	3 015,868	5,459	4,990
22	34	98 496	24 645,013	373 582,185	15,159	14,690	72	84	44 515	477,896	2 463,398	5,155	4,686
23	35	98 418	23 122,324	348 937,172	15,091	14,622	73	85	40 580	409,064	1 985,501	4,854	4,385
24	36	98 330	21 691,846	325 814,848	15,020	14,551	74	86	36 506	345,534	1 576,438	4,562	4,094
25	37	98 238	20 348,893	304 123,002	14,945	14,477	75	87	32 351	287,522	1 230,903	4,281	3,812
26	38	98 145	19 088,859	283 774,109	14,866	14,397	76	88	28 148	234,894	943,381	4,016	3,547
27	39	98 048	17 905,985	264 685,251	14,782	14,313	77	89	24 024	188,244	708,487	3,764	3,295
28	40	97 940	16 794,636	246 779,265	14,694	14,225	78	90	20 087	147,788	520,244	3,520	3,051
29	41	97 833	15 752,338	229 984,629	14,600	14,131	79	91	16 365	113,060	372,456	3,294	2,826
30	42	97 713	14 772,795	214 232,292	14,502	14,033	80	92	12 975	84,164	259,396	3,082	2,613
31	43	97 582	13 852,657	199 459,497	14,399	13,930	81	93	9 948	60,595	175,232	2,892	2,423
32	44	97 439	12 988,085	185 606,839	14,291	13,822	82	94	7 375	42,181	114,637	2,718	2,249
33	45	97 287	12 176,407	172 618,754	14,176	13,708	83	95	5 289	28,401	72,456	2,551	2,082
34	46	97 115	11 412,940	160 442,348	14,058	13,589	84	96	3 632	18,316	44,055	2,405	1,937
35	47	96 931	10 696,164	149 029,407	13,933	13,464	85	97	2 383	11,284	25,739	2,281	1,812
36	48	96 732	10 022,723	138 333,244	13,802	13,333	86	98	1 510	6,711	14,455	2,154	1,685
37	49	96 500	9 388,432	128 310,520	13,667	13,198	87	99	910	3,799	7,744	2,038	1,570
38	50	96 242	8 791,804	118 922,088	13,526	13,058	88	100	521	2,040	3,945	1,933	1,465
39	51	95 967	8 231,621	110 130,284	13,379	12,910							
40	52	95 657	7 704,266	101 898,663	13,226	12,758							
41	53	95 328	7 209,173	94 194,397	13,066	12,597							
42	54	94 954	6 742,602	86 985,224	12,901	12,432							
43	55	94 558	6 304,713	80 242,621	12,727	12,259							
44	56	94 113	5 892,083	73 937,908	12,549	12,080							
45	57	93 633	5 504,203	68 045,826	12,363	11,894							
46	58	93 106	5 139,176	62 541,622	12,170	11,701							
47	59	92 526	4 795,466	57 402,446	11,970	11,501							
48	60	91 882	4 471,467	52 606,981	11,765	11,296							
49	61	91 171	4 166,073	48 135,514	11,554	11,085							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	1 589 603,415	15,959	15,490	50	63	89 842	3 854,785	43 113,061	11,184	10,716
1	14	99 261	93 202,396	1 489 997,754	15,987	15,518	51	64	88 948	3 583,496	39 258,276	10,955	10,487
2	15	99 227	87 484,766	1 396 795,358	15,966	15,497	52	65	87 973	3 327,906	35 674,780	10,720	10,251
3	16	99 203	82 124,884	1 309 310,592	15,943	15,474	53	66	86 920	3 087,367	32 346,874	10,477	10,008
4	17	99 178	77 093,569	1 227 185,708	15,918	15,449	54	67	85 769	2 860,577	29 259,507	10,229	9,760
5	18	99 154	72 370,684	1 150 092,138	15,892	15,423	55	68	84 541	2 647,526	26 398,930	9,971	9,502
6	19	99 129	67 936,489	1 077 721,454	15,864	15,395	56	69	83 203	2 446,581	23 751,404	9,708	9,239
7	20	99 104	63 773,903	1 009 784,965	15,834	15,365	57	70	81 721	2 256,352	21 304,823	9,442	8,973
8	21	99 078	59 865,979	946 011,062	15,802	15,333	58	71	80 125	2 077,257	19 048,472	9,170	8,701
9	22	99 054	56 198,362	886 145,083	15,768	15,299	59	72	78 408	1 908,674	16 971,214	8,892	8,423
10	23	99 029	52 755,326	829 946,721	15,732	15,263	60	73	76 565	1 750,053	15 062,540	8,607	8,138
11	24	99 005	49 523,728	777 191,395	15,693	15,225	61	74	74 564	1 600,303	13 312,487	8,319	7,850
12	25	98 982	46 490,301	727 667,667	15,652	15,183	62	75	72 432	1 459,668	11 712,184	8,024	7,555
13	26	98 954	43 640,514	681 177,366	15,609	15,140	63	76	70 140	1 327,220	10 252,515	7,725	7,256
14	27	98 927	40 965,898	637 536,852	15,563	15,094	64	77	67 698	1 202,827	8 925,295	7,420	6,952
15	28	98 895	38 452,813	596 570,955	15,514	15,046	65	78	65 144	1 086,798	7 722,468	7,106	6,637
16	29	98 856	36 091,724	558 118,142	15,464	14,995	66	79	62 399	977,464	6 635,670	6,789	6,320
17	30	98 809	33 872,833	522 026,418	15,411	14,943	67	80	59 460	874,586	5 658,207	6,470	6,001
18	31	98 754	31 788,005	488 153,585	15,357	14,888	68	81	56 326	777,927	4 783,620	6,149	5,680
19	32	98 684	29 826,763	456 365,581	15,301	14,832	69	82	52 989	687,161	4 005,693	5,829	5,361
20	33	98 611	27 985,645	426 538,818	15,241	14,773	70	83	49 433	601,931	3 318,532	5,513	5,044
21	34	98 536	26 257,558	398 553,173	15,179	14,710	71	84	45 653	521,977	2 716,601	5,204	4,736
22	35	98 459	24 635,603	372 295,615	15,112	14,643	72	85	41 675	447,412	2 194,624	4,905	4,436
23	36	98 372	23 111,527	347 660,011	15,043	14,574	73	86	37 590	378,918	1 747,212	4,611	4,142
24	37	98 283	21 681,502	324 548,484	14,969	14,500	74	87	33 393	316,068	1 368,294	4,329	3,860
25	38	98 189	20 338,618	302 866,982	14,891	14,422	75	88	29 145	259,031	1 052,226	4,062	3,593
26	39	98 091	19 078,282	282 528,364	14,809	14,340	76	89	24 958	208,279	793,196	3,808	3,340
27	40	97 984	17 894,335	263 450,082	14,723	14,254	77	90	20 929	163,997	584,917	3,567	3,098
28	41	97 878	16 784,003	245 555,747	14,630	14,162	78	91	17 132	126,046	420,920	3,339	2,871
29	42	97 761	15 740,792	228 771,745	14,534	14,065	79	92	13 650	94,300	294,874	3,127	2,658
30	43	97 634	14 760,875	213 030,953	14,432	13,963	80	93	10 536	68,346	200,574	2,935	2,466
31	44	97 495	13 840,250	198 270,077	14,326	13,857	81	94	7 865	47,902	132,228	2,760	2,292
32	45	97 347	12 975,800	184 429,827	14,213	13,745	82	95	5 683	32,502	84,326	2,594	2,126
33	46	97 183	12 163,309	171 454,027	14,096	13,627	83	96	3 944	21,180	51,823	2,447	1,978
34	47	97 000	11 399,425	159 290,718	13,974	13,505	84	97	2 618	13,200	30,643	2,321	1,853
35	48	96 805	10 682,265	147 891,293	13,845	13,376	85	98	1 681	7,958	17,443	2,192	1,723
36	49	96 586	10 007,518	137 209,028	13,711	13,242	86	99	1 028	4,570	9,485	2,075	1,607
37	50	96 338	9 372,621	127 201,510	13,572	13,103	87	100	598	2,495	4,915	1,970	1,501
38	51	96 064	8 775,593	117 828,889	13,427	12,958							
39	52	95 767	8 214,528	109 053,296	13,276	12,807							
40	53	95 446	7 687,283	100 838,767	13,118	12,649							
41	54	95 091	7 191,304	93 151,485	12,953	12,485							
42	55	94 692	6 724,031	85 960,180	12,784	12,315							
43	56	94 264	6 285,091	79 236,149	12,607	12,138							
44	57	93 795	5 872,158	72 951,058	12,423	11,954							
45	58	93 281	5 483,528	67 078,900	12,233	11,764							
46	59	92 717	5 117,727	61 595,372	12,036	11,567							
47	60	92 097	4 773,241	56 477,645	11,832	11,363							
48	61	91 411	4 448,542	51 704,404	11,623	11,154							
49	62	90 662	4 142,800	47 255,861	11,407	10,938							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	1 588 013,879	15,944	15,476	50	64	89 235	3 828,726	42 207,487	11,024	10,555
1	15	99 251	93 193,798	1 488 416,092	15,971	15,502	51	65	88 289	3 556,947	38 378,761	10,790	10,321
2	16	99 216	87 474,638	1 395 222,293	15,950	15,481	52	66	87 268	3 301,237	34 821,814	10,548	10,079
3	17	99 190	82 114,385	1 307 747,656	15,926	15,457	53	67	86 158	3 060,328	31 520,577	10,300	9,831
4	18	99 165	77 083,574	1 225 633,271	15,900	15,431	54	68	84 967	2 833,808	28 460,249	10,043	9,574
5	19	99 138	72 358,937	1 148 549,696	15,873	15,404	55	69	83 679	2 620,511	25 626,441	9,779	9,310
6	20	99 113	67 925,323	1 076 190,759	15,844	15,375	56	70	82 242	2 418,332	23 005,930	9,513	9,044
7	21	99 088	63 763,464	1 008 265,437	15,813	15,344	57	71	80 695	2 228,030	20 587,599	9,240	8,772
8	22	99 061	59 853,814	944 501,973	15,780	15,311	58	72	79 018	2 048,561	18 359,568	8,962	8,493
9	23	99 037	56 188,933	884 646,159	15,744	15,275	59	73	77 236	1 880,144	16 311,007	8,675	8,207
10	24	99 013	52 746,698	828 457,226	15,706	15,238	60	74	75 283	1 720,764	14 430,863	8,386	7,918
11	25	98 989	49 515,592	775 710,528	15,666	15,197	61	75	73 207	1 571,190	12 710,099	8,089	7,621
12	26	98 963	46 481,262	726 194,935	15,623	15,155	62	76	70 975	1 430,300	11 138,909	7,788	7,319
13	27	98 937	43 632,736	679 713,673	15,578	15,109	63	77	68 587	1 297,824	9 708,609	7,481	7,012
14	28	98 907	40 957,305	636 080,937	15,530	15,062	64	78	66 078	1 174,033	8 410,785	7,164	6,695
15	29	98 871	38 443,661	595 123,632	15,480	15,012	65	79	63 371	1 057,229	7 236,752	6,845	6,376
16	30	98 831	36 082,814	556 679,971	15,428	14,959	66	80	60 476	947,349	6 179,523	6,523	6,054
17	31	98 781	33 863,254	520 597,153	15,374	14,905	67	81	57 364	843,747	5 232,174	6,201	5,732
18	32	98 723	31 777,769	486 733,899	15,317	14,848	68	82	54 050	746,487	4 388,426	5,879	5,410
19	33	98 651	29 816,744	454 956,130	15,258	14,790	69	83	50 498	654,863	3 641,940	5,561	5,093
20	34	98 577	27 975,844	425 139,387	15,197	14,728	70	84	46 705	568,707	2 987,077	5,252	4,784
21	35	98 499	26 247,533	397 163,543	15,131	14,663	71	85	42 741	488,681	2 418,369	4,949	4,480
22	36	98 413	24 624,100	370 916,010	15,063	14,594	72	86	38 604	414,441	1 929,689	4,656	4,187
23	37	98 325	23 100,507	346 291,910	14,991	14,522	73	87	34 384	346,605	1 515,248	4,372	3,903
24	38	98 234	21 670,555	323 191,403	14,914	14,445	74	88	30 084	284,747	1 168,643	4,104	3,635
25	39	98 134	20 327,348	301 520,849	14,833	14,365	75	89	25 843	229,681	883,896	3,848	3,380
26	40	98 027	19 065,868	281 193,501	14,749	14,280	76	90	21 744	181,452	654,215	3,605	3,137
27	41	97 922	17 883,006	262 127,632	14,658	14,189	77	91	17 850	139,870	472,764	3,380	2,911
28	42	97 806	16 771,701	244 244,627	14,563	14,094	78	92	14 289	105,131	332,893	3,166	2,698
29	43	97 682	15 728,092	227 472,926	14,463	13,994	79	93	11 085	76,577	227,762	2,974	2,506
30	44	97 546	14 747,654	211 744,834	14,358	13,889	80	94	8 329	54,030	151,186	2,798	2,329
31	45	97 403	13 827,159	196 997,180	14,247	13,778	81	95	6 060	36,911	97,155	2,632	2,163
32	46	97 242	12 961,843	183 170,021	14,131	13,663	82	96	4 238	24,239	60,244	2,485	2,017
33	47	97 068	12 148,905	170 208,178	14,010	13,541	83	97	2 842	15,264	36,006	2,359	1,890
34	48	96 873	11 384,613	158 059,273	13,884	13,415	84	98	1 846	9,309	20,742	2,228	1,759
35	49	96 659	10 666,059	146 674,660	13,752	13,283	85	99	1 145	5,419	11,432	2,110	1,641
36	50	96 423	9 990,664	136 008,601	13,614	13,145	86	100	675	3,001	6,013	2,003	1,535
37	51	96 160	9 355,339	126 017,936	13,470	13,001							
38	52	95 865	8 757,370	116 662,597	13,322	12,853							
39	53	95 556	8 196,420	107 905,227	13,165	12,696							
40	54	95 209	7 668,229	99 708,807	13,003	12,534							
41	55	94 830	7 171,498	92 040,578	12,834	12,365							
42	56	94 397	6 703,104	84 869,080	12,661	12,192							
43	57	93 945	6 263,837	78 165,976	12,479	12,010							
44	58	93 443	5 850,100	71 902,139	12,291	11,822							
45	59	92 892	5 460,642	66 052,039	12,096	11,627							
46	60	92 287	5 094,009	60 591,397	11,895	11,426							
47	61	91 625	4 748,770	55 497,387	11,687	11,218							
48	62	90 900	4 423,692	50 748,618	11,472	11,003							
49	63	90 107	4 117,438	46 324,926	11,251	10,782							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	1 586 309,876	15,929	15,460	50	65	88 574	3 800,360	41 252,015	10,855	10,386
1	16	99 240	93 183,009	1 486 721,276	15,955	15,486	51	66	87 582	3 528,442	37 451,655	10,614	10,145
2	17	99 203	87 463,455	1 393 538,267	15,933	15,464	52	67	86 504	3 272,326	33 923,212	10,367	9,898
3	18	99 177	82 103,739	1 306 074,812	15,908	15,439	53	68	85 352	3 031,690	30 650,886	10,110	9,641
4	19	99 149	77 071,062	1 223 971,073	15,881	15,412	54	69	84 100	2 804,892	27 619,196	9,847	9,378
5	20	99 122	72 347,044	1 146 900,011	15,853	15,384	55	70	82 712	2 590,253	24 814,305	9,580	9,111
6	21	99 096	67 914,205	1 074 552,968	15,822	15,353	56	71	81 210	2 387,977	22 224,051	9,307	8,838
7	22	99 071	63 752,637	1 006 638,763	15,790	15,321	57	72	79 581	2 197,251	19 836,074	9,028	8,559
8	23	99 044	59 845,771	942 886,126	15,755	15,287	58	73	77 837	2 017,940	17 638,823	8,741	8,272
9	24	99 021	56 179,743	883 040,355	15,718	15,249	59	74	75 943	1 848,678	15 620,883	8,450	7,981
10	25	98 997	52 738,033	826 860,612	15,679	15,210	60	75	73 914	1 689,459	13 772,205	8,152	7,683
11	26	98 970	49 505,966	774 122,579	15,637	15,168	61	76	71 734	1 539,578	12 082,746	7,848	7,379
12	27	98 945	46 472,978	724 616,613	15,592	15,123	62	77	69 403	1 398,621	10 543,168	7,538	7,070
13	28	98 916	43 623,584	678 143,635	15,545	15,077	63	78	66 945	1 266,756	9 144,547	7,219	6,750
14	29	98 883	40 947,558	634 520,051	15,496	15,027	64	79	64 280	1 142,091	7 877,792	6,898	6,429
15	30	98 847	38 434,175	593 572,493	15,444	14,975	65	80	61 419	1 024,658	6 735,701	6,574	6,105
16	31	98 803	36 072,614	555 138,319	15,389	14,921	66	81	58 344	913,944	5 711,043	6,249	5,780
17	32	98 749	33 852,350	519 065,705	15,333	14,864	67	82	55 045	809,647	4 797,099	5,925	5,456
18	33	98 689	31 767,094	485 213,355	15,274	14,805	68	83	51 509	711,400	3 987,452	5,605	5,136
19	34	98 617	29 806,301	453 446,260	15,213	14,744	69	84	47 711	618,717	3 276,052	5,295	4,826
20	35	98 539	27 965,163	423 639,959	15,149	14,680	70	85	43 726	532,430	2 657,335	4,991	4,522
21	36	98 453	26 235,277	395 674,797	15,082	14,613	71	86	39 591	452,668	2 124,904	4,694	4,225
22	37	98 366	24 612,358	369 439,519	15,010	14,542	72	87	35 312	379,098	1 672,236	4,411	3,942
23	38	98 275	23 088,842	344 827,162	14,935	14,466	73	88	30 977	312,258	1 293,138	4,141	3,673
24	39	98 179	21 658,547	321 738,319	14,855	14,386	74	89	26 675	252,484	980,880	3,885	3,416
25	40	98 070	20 314,122	300 079,772	14,772	14,303	75	90	22 514	200,097	728,396	3,640	3,171
26	41	97 965	19 053,797	279 765,650	14,683	14,214	76	91	18 545	154,757	528,299	3,414	2,945
27	42	97 850	17 869,898	260 711,853	14,589	14,121	77	92	14 888	116,662	373,543	3,202	2,733
28	43	97 727	16 758,169	242 841,955	14,491	14,022	78	93	11 603	85,372	256,881	3,009	2,540
29	44	97 595	15 714,004	226 083,786	14,387	13,919	79	94	8 763	60,537	171,509	2,833	2,364
30	45	97 454	14 733,705	210 369,782	14,278	13,809	80	95	6 418	41,633	110,971	2,665	2,197
31	46	97 298	13 812,286	195 636,077	14,164	13,695	81	96	4 519	27,526	69,339	2,519	2,050
32	47	97 127	12 946,493	181 823,791	14,044	13,576	82	97	3 054	17,468	41,813	2,394	1,925
33	48	96 941	12 133,120	168 877,298	13,919	13,450	83	98	2 005	10,765	24,344	2,261	1,793
34	49	96 727	11 367,341	156 744,178	13,789	13,320	84	99	1 257	6,340	13,579	2,142	1,673
35	50	96 496	10 648,097	145 376,837	13,653	13,184	85	100	752	3,559	7,240	2,034	1,565
36	51	96 245	9 972,243	134 728,740	13,510	13,042							
37	52	95 960	9 335,913	124 756,497	13,363	12,894							
38	53	95 653	8 738,066	115 420,585	13,209	12,740							
39	54	95 319	8 176,104	106 682,519	13,048	12,579							
40	55	94 947	7 647,109	98 506,415	12,882	12,413							
41	56	94 534	7 149,177	90 859,306	12,709	12,240							
42	57	94 078	6 680,437	83 710,129	12,531	12,062							
43	58	93 592	6 240,308	77 029,692	12,344	11,875							
44	59	93 053	5 825,685	70 789,384	12,151	11,683							
45	60	92 461	5 435,335	64 963,700	11,952	11,483							
46	61	91 814	5 067,893	59 528,365	11,746	11,277							
47	62	91 113	4 722,242	54 460,471	11,533	11,064							
48	63	90 344	4 396,610	49 738,229	11,313	10,844							
49	64	89 498	4 089,604	45 341,619	11,087	10,618							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	1 584 485,347	15,912	15,443	50	66	87 864	3 769,905	40 245,918	10,676	10,207
1	17	99 227	93 171,097	1 484 908,276	15,937	15,469	51	67	86 815	3 497,541	36 476,012	10,429	9,960
2	18	99 190	87 452,115	1 391 737,180	15,914	15,446	52	68	85 694	3 241,704	32 978,471	10,173	9,704
3	19	99 161	82 090,412	1 304 285,065	15,888	15,420	53	69	84 481	3 000,755	29 736,768	9,910	9,441
4	20	99 133	77 058,394	1 222 194,653	15,861	15,392	54	70	83 129	2 772,506	26 736,013	9,643	9,175
5	21	99 105	72 335,202	1 145 136,259	15,831	15,362	55	71	81 674	2 557,741	23 963,507	9,369	8,900
6	22	99 080	67 902,673	1 072 801,057	15,799	15,330	56	72	80 088	2 354,989	21 405,766	9,090	8,621
7	23	99 054	63 741,941	1 004 898,385	15,765	15,296	57	73	78 391	2 164,407	19 050,777	8,802	8,333
8	24	99 028	59 835,983	941 156,444	15,729	15,260	58	74	76 534	1 984,167	16 886,370	8,511	8,042
9	25	99 004	56 170,514	881 320,460	15,690	15,221	59	75	74 561	1 815,046	14 902,203	8,210	7,742
10	26	98 977	52 727,780	825 149,946	15,649	15,181	60	76	72 426	1 655,467	13 087,157	7,905	7,437
11	27	98 952	49 497,142	772 422,166	15,605	15,137	61	77	70 146	1 505,478	11 431,690	7,593	7,125
12	28	98 925	46 463,230	722 925,024	15,559	15,090	62	78	67 741	1 365,140	9 926,211	7,271	6,802
13	29	98 892	43 613,202	676 461,794	15,510	15,042	63	79	65 124	1 232,290	8 561,072	6,947	6,479
14	30	98 859	40 937,453	632 848,592	15,459	14,990	64	80	62 300	1 106,905	7 328,781	6,621	6,152
15	31	98 819	38 423,306	591 911,139	15,405	14,936	65	81	59 253	988,527	6 221,876	6,294	5,825
16	32	98 771	36 060,999	553 487,833	15,349	14,880	66	82	55 986	877,007	5 233,350	5,967	5,499
17	33	98 716	33 840,979	517 426,834	15,290	14,821	67	83	52 458	771,592	4 356,342	5,646	5,177
18	34	98 655	31 755,969	483 585,856	15,228	14,759	68	84	48 666	672,134	3 584,751	5,333	4,865
19	35	98 579	29 794,921	451 829,887	15,165	14,696	69	85	44 667	579,251	2 912,617	5,028	4,560
20	36	98 493	27 952,105	422 034,966	15,099	14,630	70	86	40 503	493,194	2 333,366	4,731	4,262
21	37	98 406	26 222,767	394 082,861	15,028	14,560	71	87	36 215	414,065	1 840,173	4,444	3,975
22	38	98 316	24 599,930	367 860,094	14,954	14,485	72	88	31 813	341,531	1 426,108	4,176	3,707
23	39	98 221	23 076,049	343 260,164	14,875	14,406	73	89	27 467	276,878	1 084,576	3,917	3,448
24	40	98 115	21 644,455	320 184,115	14,793	14,324	74	90	23 239	219,962	807,699	3,672	3,203
25	41	98 008	20 301,261	298 539,661	14,705	14,237	75	91	19 202	170,659	587,736	3,444	2,975
26	42	97 893	19 039,832	278 238,400	14,613	14,145	76	92	15 468	129,078	417,077	3,231	2,762
27	43	97 771	17 855,480	259 198,568	14,516	14,048	77	93	12 090	94,736	287,998	3,040	2,571
28	44	97 640	16 743,158	241 343,088	14,414	13,946	78	94	9 173	67,490	193,263	2,864	2,395
29	45	97 502	15 699,141	224 599,930	14,307	13,838	79	95	6 752	46,647	125,773	2,696	2,228
30	46	97 349	14 717,857	208 900,789	14,194	13,725	80	96	4 786	31,047	79,126	2,549	2,080
31	47	97 183	13 795,929	194 182,932	14,075	13,607	81	97	3 257	19,838	48,079	2,424	1,955
32	48	97 001	12 929,671	180 387,003	13,951	13,483	82	98	2 154	12,320	28,241	2,292	1,824
33	49	96 794	12 114,712	167 457,332	13,823	13,354	83	99	1 365	7,331	15,921	2,172	1,703
34	50	96 564	11 348,198	155 342,619	13,689	13,220	84	100	826	4,163	8,590	2,063	1,595
35	51	96 318	10 628,463	143 994,421	13,548	13,079							
36	52	96 045	9 951,535	133 365,959	13,402	12,933							
37	53	95 749	9 315,332	123 414,423	13,249	12,780							
38	54	95 416	8 716,408	114 099,091	13,090	12,621							
39	55	95 057	8 153,585	105 382,683	12,925	12,456							
40	56	94 652	7 623,308	97 229,098	12,754	12,285							
41	57	94 215	7 125,002	89 605,790	12,576	12,108							
42	58	93 725	6 655,343	82 480,789	12,393	11,924							
43	59	93 201	6 214,264	75 825,446	12,202	11,733							
44	60	92 622	5 798,686	69 611,182	12,005	11,536							
45	61	91 987	5 407,469	63 812,496	11,801	11,332							
46	62	91 301	5 039,583	58 405,027	11,589	11,121							
47	63	90 555	4 693,333	53 365,444	11,370	10,902							
48	64	89 733	4 366,888	48 672,111	11,146	10,677							
49	65	88 835	4 059,305	44 305,222	10,914	10,446							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	1 582 534,964	15,895	15,426	50	67	87 094	3 736,889	39 188,220	10,487	10,018
1	18	99 214	93 159,017	1 482 970,624	15,919	15,450	51	68	86 002	3 464,811	35 451,331	10,232	9,763
2	19	99 174	87 437,920	1 389 811,607	15,895	15,426	52	69	84 820	3 208,625	31 986,520	9,969	9,500
3	20	99 145	82 076,919	1 302 373,687	15,868	15,399	53	70	83 506	2 966,107	28 777,894	9,702	9,234
4	21	99 117	77 045,781	1 220 296,768	15,839	15,370	54	71	82 085	2 737,706	25 811,787	9,428	8,960
5	22	99 089	72 322,919	1 143 250,988	15,808	15,339	55	72	80 546	2 522,407	23 074,081	9,148	8,679
6	23	99 063	67 891,280	1 070 928,068	15,774	15,305	56	73	78 891	2 319,787	20 551,674	8,859	8,391
7	24	99 038	63 731,515	1 003 036,788	15,738	15,270	57	74	77 079	2 128,183	18 231,887	8,567	8,098
8	25	99 012	59 826,154	939 305,272	15,701	15,232	58	75	75 142	1 948,071	16 103,704	8,266	7,798
9	26	98 985	56 159,594	879 479,119	15,660	15,192	59	76	73 061	1 778,528	14 155,633	7,959	7,490
10	27	98 960	52 718,382	823 319,525	15,617	15,149	60	77	70 822	1 618,801	12 377,105	7,646	7,177
11	28	98 932	49 486,760	770 601,143	15,572	15,103	61	78	68 466	1 469,439	10 758,305	7,321	6,853
12	29	98 901	46 452,172	721 114,383	15,524	15,055	62	79	65 898	1 327,998	9 288,865	6,995	6,526
13	30	98 868	43 602,440	674 662,210	15,473	15,004	63	80	63 117	1 194,326	7 960,867	6,666	6,197
14	31	98 831	40 925,877	631 059,771	15,420	14,951	64	81	60 103	1 067,874	6 766,542	6,336	5,868
15	32	98 787	38 410,934	590 133,894	15,364	14,895	65	82	56 859	948,575	5 698,668	6,008	5,539
16	33	98 738	36 048,886	551 722,960	15,305	14,836	66	83	53 354	835,786	4 750,093	5,683	5,215
17	34	98 681	33 829,127	515 674,075	15,243	14,775	67	84	49 562	729,003	3 914,307	5,369	4,901
18	35	98 617	31 743,844	481 844,948	15,179	14,710	68	85	45 562	629,260	3 185,304	5,062	4,593
19	36	98 533	29 781,009	450 101,104	15,114	14,645	69	86	41 376	536,564	2 556,045	4,764	4,295
20	37	98 446	27 938,775	420 320,095	15,044	14,576	70	87	37 049	451,135	2 019,481	4,476	4,008
21	38	98 356	26 209,526	392 381,320	14,971	14,502	71	88	32 626	373,033	1 568,346	4,204	3,736
22	39	98 262	24 586,299	366 171,793	14,893	14,425	72	89	28 208	302,834	1 195,313	3,947	3,478
23	40	98 157	23 061,034	341 585,494	14,812	14,343	73	90	23 929	241,214	892,478	3,700	3,231
24	41	98 053	21 630,751	318 524,460	14,726	14,257	74	91	19 820	187,602	651,264	3,472	3,003
25	42	97 937	20 286,381	296 893,709	14,635	14,166	75	92	16 016	142,342	463,662	3,257	2,789
26	43	97 814	19 024,470	276 607,328	14,540	14,071	76	93	12 561	104,819	321,320	3,065	2,597
27	44	97 684	17 839,487	257 582,858	14,439	13,970	77	94	9 558	74,892	216,501	2,891	2,422
28	45	97 547	16 727,322	239 743,371	14,332	13,864	78	95	7 068	52,004	141,609	2,723	2,254
29	46	97 397	15 682,254	223 016,049	14,221	13,752	79	96	5 035	34,786	89,605	2,576	2,107
30	47	97 234	14 700,428	207 333,795	14,104	13,635	80	97	3 449	22,375	54,818	2,450	1,981
31	48	97 056	13 778,003	192 633,367	13,981	13,512	81	98	2 297	13,991	32,443	2,319	1,850
32	49	96 854	12 910,055	178 855,364	13,854	13,385	82	99	1 467	8,389	18,452	2,199	1,731
33	50	96 631	12 094,310	165 945,309	13,721	13,252	83	100	897	4,814	10,063	2,090	1,621
34	51	96 386	11 327,273	153 850,999	13,582	13,114							
35	52	96 118	10 606,393	142 523,725	13,438	12,969							
36	53	95 834	9 929,598	131 917,333	13,285	12,817							
37	54	95 512	9 292,244	121 987,735	13,128	12,659							
38	55	95 154	8 692,400	112 695,491	12,965	12,496							
39	56	94 761	8 128,208	104 003,091	12,795	12,327							
40	57	94 331	7 597,529	95 874,883	12,619	12,150							
41	58	93 861	7 098,238	88 277,354	12,437	11,968							
42	59	93 334	6 627,566	81 179,116	12,249	11,780							
43	60	92 770	6 185,464	74 551,549	12,053	11,584							
44	61	92 147	5 768,957	68 366,085	11,851	11,382							
45	62	91 473	5 377,262	62 597,128	11,641	11,172							
46	63	90 742	5 008,731	57 219,866	11,424	10,955							
47	64	89 943	4 661,605	52 211,135	11,200	10,732							
48	65	89 068	4 334,535	47 549,530	10,970	10,501							
49	66	88 123	4 026,775	43 214,995	10,732	10,263							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	1 580 451,866	15,876	15,407	50	68	86 279	3 701,920	38 078,417	10,286	9,817
1	19	99 198	93 143,895	1 480 900,435	15,899	15,430	51	69	85 125	3 429,456	34 376,498	10,024	9,555
2	20	99 158	87 423,548	1 387 756,540	15,874	15,405	52	70	83 841	3 171,578	30 947,041	9,758	9,289
3	21	99 129	82 063,484	1 300 332,992	15,845	15,377	53	71	82 458	2 928,877	27 775,464	9,483	9,015
4	22	99 100	77 032,699	1 218 269,507	15,815	15,346	54	72	80 951	2 699,886	24 846,586	9,203	8,734
5	23	99 072	72 310,785	1 141 236,809	15,782	15,314	55	73	79 342	2 484,703	22 146,701	8,913	8,444
6	24	99 047	67 880,176	1 068 926,024	15,747	15,279	56	74	77 570	2 280,962	19 661,998	8,620	8,151
7	25	99 022	63 721,046	1 001 045,847	15,710	15,241	57	75	75 677	2 089,467	17 381,036	8,318	7,850
8	26	98 993	59 814,523	937 324,801	15,671	15,202	58	76	73 630	1 908,876	15 291,568	8,011	7,542
9	27	98 968	56 149,584	877 510,278	15,628	15,159	59	77	71 443	1 739,135	13 382,692	7,695	7,226
10	28	98 939	52 707,325	821 360,694	15,583	15,115	60	78	69 127	1 580,049	11 643,557	7,369	6,900
11	29	98 908	49 474,983	768 653,370	15,536	15,067	61	79	66 604	1 429,460	10 063,508	7,040	6,571
12	30	98 877	46 440,710	719 178,387	15,486	15,017	62	80	63 868	1 287,084	8 634,048	6,700	6,239
13	31	98 840	43 590,110	672 737,678	15,433	14,965	63	81	60 892	1 152,212	7 346,964	6,376	5,908
14	32	98 799	40 912,699	629 147,568	15,378	14,909	64	82	57 674	1 024,715	6 194,752	6,045	5,577
15	33	98 754	38 398,031	588 234,870	15,319	14,851	65	83	54 186	903,990	5 170,037	5,719	5,250
16	34	98 704	36 036,260	549 836,839	15,258	14,789	66	84	50 409	789,654	4 266,047	5,402	4,934
17	35	98 643	33 816,211	513 800,578	15,194	14,725	67	85	46 401	682,501	3 476,393	5,094	4,625
18	36	98 571	31 729,022	479 984,367	15,128	14,659	68	86	42 204	582,887	2 793,892	4,793	4,324
19	37	98 486	29 766,807	448 255,346	15,059	14,590	69	87	37 847	490,806	2 211,005	4,505	4,036
20	38	98 397	27 924,668	418 488,538	14,986	14,518	70	88	33 378	406,430	1 720,198	4,232	3,764
21	39	98 302	26 195,003	390 563,870	14,910	14,441	71	89	28 930	330,767	1 313,769	3,972	3,503
22	40	98 198	24 570,302	364 368,866	14,830	14,361	72	90	24 575	263,827	983,001	3,726	3,257
23	41	98 095	23 046,434	339 798,564	14,744	14,275	73	91	20 409	205,728	719,174	3,496	3,027
24	42	97 981	21 614,897	316 752,130	14,654	14,186	74	92	16 532	156,474	513,446	3,281	2,813
25	43	97 858	20 270,013	295 137,234	14,560	14,092	75	93	13 006	115,589	356,973	3,088	2,620
26	44	97 727	19 007,429	274 867,221	14,461	13,992	76	94	9 930	82,863	241,383	2,913	2,444
27	45	97 591	17 822,613	255 859,791	14,356	13,887	77	95	7 365	57,708	158,520	2,747	2,278
28	46	97 442	16 709,329	238 037,178	14,246	13,777	78	96	5 271	38,782	100,812	2,599	2,131
29	47	97 282	15 663,683	221 327,849	14,130	13,661	79	97	3 629	25,070	62,030	2,474	2,006
30	48	97 108	14 681,327	205 664,166	14,009	13,540	80	98	2 433	15,781	36,960	2,342	1,873
31	49	96 909	13 757,101	190 982,839	13,882	13,414	81	99	1 564	9,527	21,179	2,223	1,754
32	50	96 690	12 888,314	177 225,738	13,751	13,282	82	100	963	5,510	11,652	2,115	1,646
33	51	96 453	12 072,010	164 337,424	13,613	13,144							
34	52	96 185	11 303,752	152 265,415	13,470	13,002							
35	53	95 906	10 583,012	140 961,663	13,320	12,851							
36	54	95 596	9 904,987	130 378,651	13,163	12,694							
37	55	95 249	9 266,650	120 473,664	13,001	12,532							
38	56	94 857	8 665,346	111 207,014	12,834	12,365							
39	57	94 441	8 100,722	102 541,668	12,658	12,190							
40	58	93 977	7 568,991	94 440,946	12,477	12,009							
41	59	93 469	7 068,613	86 871,956	12,290	11,821							
42	60	92 901	6 596,851	79 803,343	12,097	11,628							
43	61	92 294	6 153,752	73 206,491	11,896	11,427							
44	62	91 632	5 736,730	67 052,739	11,688	11,220							
45	63	90 913	5 344,343	61 316,009	11,473	11,004							
46	64	90 129	4 974,871	55 971,666	11,251	10,782							
47	65	89 277	4 627,068	50 996,794	11,021	10,553							
48	66	88 355	4 299,799	46 369,726	10,784	10,315							
49	67	87 351	3 991,509	42 069,927	10,540	10,071							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	1 578 227,673	15,856	15,387	50	69	85 399	3 664,145	36 915,354	10,075	9,606
1	20	99 182	93 128,585	1 478 692,401	15,878	15,409	51	70	84 142	3 389,859	33 251,209	9,809	9,340
2	21	99 142	87 409,238	1 385 563,816	15,851	15,383	52	71	82 788	3 131,769	29 861,350	9,535	9,066
3	22	99 112	82 049,550	1 298 154,578	15,822	15,353	53	72	81 318	2 888,416	26 729,581	9,254	8,785
4	23	99 083	77 019,774	1 216 105,027	15,790	15,321	54	73	79 741	2 659,528	23 841,165	8,964	8,496
5	24	99 056	72 298,958	1 139 085,253	15,755	15,286	55	74	78 014	2 443,118	21 181,637	8,670	8,201
6	25	99 031	67 869,026	1 066 786,295	15,718	15,250	56	75	76 159	2 239,467	18 738,518	8,367	7,899
7	26	99 002	63 708,658	998 917,269	15,679	15,211	57	76	74 154	2 047,427	16 499,051	8,058	7,590
8	27	98 975	59 803,861	935 208,611	15,638	15,169	58	77	71 999	1 866,597	14 451,624	7,742	7,273
9	28	98 947	56 137,807	875 404,750	15,594	15,125	59	78	69 733	1 697,503	12 585,027	7,414	6,945
10	29	98 915	52 694,781	819 266,943	15,547	15,079	60	79	67 246	1 537,060	10 887,524	7,083	6,615
11	30	98 884	49 462,774	766 572,162	15,498	15,029	61	80	64 552	1 385,420	9 350,464	6,749	6,280
12	31	98 849	46 427,577	717 109,388	15,446	14,977	62	81	61 616	1 241,700	7 965,044	6,415	5,946
13	32	98 808	43 576,073	670 681,812	15,391	14,922	63	82	58 431	1 105,645	6 723,344	6,081	5,612
14	33	98 766	40 898,956	627 105,738	15,333	14,864	64	83	54 963	976,551	5 617,699	5,753	5,284
15	34	98 719	38 384,583	586 206,783	15,272	14,803	65	84	51 195	854,093	4 641,148	5,434	4,965
16	35	98 666	36 022,502	547 822,200	15,208	14,739	66	85	47 194	739,283	3 787,055	5,123	4,654
17	36	98 597	33 800,421	511 799,698	15,142	14,673	67	86	42 982	632,205	3 047,771	4,821	4,352
18	37	98 524	31 713,892	477 999,277	15,072	14,603	68	87	38 605	533,179	2 415,566	4,530	4,062
19	38	98 436	29 751,777	446 285,385	15,000	14,532	69	88	34 097	442,170	1 882,387	4,257	3,788
20	39	98 342	27 909,195	416 533,608	14,925	14,456	70	89	29 596	360,380	1 440,217	3,996	3,528
21	40	98 238	26 177,960	388 624,413	14,845	14,377	71	90	25 203	288,162	1 079,837	3,747	3,279
22	41	98 136	24 554,746	362 446,453	14,761	14,292	72	91	20 960	225,014	791,675	3,518	3,050
23	42	98 023	23 029,542	337 891,707	14,672	14,203	73	92	17 022	171,592	566,661	3,302	2,834
24	43	97 902	21 597,457	314 862,165	14,579	14,110	74	93	12 705	127,065	395,069	3,109	2,640
25	44	97 770	20 251,857	293 264,708	14,481	14,012	75	94	10 282	91,378	268,004	2,933	2,464
26	45	97 634	18 989,451	273 012,851	14,377	13,908	76	95	7 651	63,850	176,626	2,766	2,298
27	46	97 486	17 803,442	254 023,400	14,268	13,799	77	96	5 492	43,035	112,776	2,621	2,152
28	47	97 327	16 689,542	236 219,958	14,154	13,685	78	97	3 799	27,950	69,741	2,495	2,026
29	48	97 156	15 643,330	219 530,416	14,033	13,565	79	98	2 559	17,681	41,791	2,364	1,895
30	49	96 960	14 659,054	203 887,085	13,909	13,440	80	99	1 657	10,746	24,110	2,244	1,775
31	50	96 746	13 733,933	189 228,032	13,778	13,309	81	100	1 027	6,257	13,364	2,136	1,667
32	51	96 512	12 864,549	175 494,099	13,642	13,173							
33	52	96 253	12 046,942	162 629,550	13,500	13,031							
34	53	95 973	11 278,834	150 582,608	13,351	12,882							
35	54	95 668	10 556,781	139 303,774	13,196	12,727							
36	55	95 333	9 877,706	128 746,993	13,034	12,565							
37	56	94 952	9 237,809	118 869,288	12,868	12,399							
38	57	94 537	8 636,043	109 631,479	12,695	12,226							
39	58	94 086	8 070,293	100 995,435	12,514	12,046							
40	59	93 585	7 537,401	92 925,142	12,329	11,860							
41	60	93 036	7 035,854	85 387,741	12,136	11,667							
42	61	92 425	6 563,030	78 351,887	11,938	11,470							
43	62	91 778	6 119,376	71 788,857	11,731	11,263							
44	63	91 071	5 701,611	65 669,481	11,518	11,049							
45	64	90 299	5 308,214	59 967,870	11,297	10,828							
46	65	89 461	4 938,014	54 659,656	11,069	10,600							
47	66	88 561	4 589,988	49 721,642	10,833	10,364							
48	67	87 581	4 262,143	45 131,654	10,589	10,120							
49	68	86 534	3 954,157	40 869,511	10,336	9,867							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	1 575 856,767	15,835	15,366	50	70	84 413	3 621,838	35 698,738	9,857	9,388
1	21	99 166	93 113,342	1 476 337,855	15,855	15,387	51	71	83 086	3 347,310	32 076,900	9,583	9,114
2	22	99 125	87 394,396	1 383 224,513	15,827	15,359	52	72	81 645	3 088,505	28 729,590	9,302	8,833
3	23	99 095	82 035,784	1 295 830,117	15,796	15,327	53	73	80 103	2 845,241	25 641,085	9,012	8,543
4	24	99 067	77 007,177	1 213 794,333	15,762	15,293	54	74	78 407	2 615,018	22 795,844	8,717	8,249
5	25	99 040	72 287,082	1 136 787,156	15,726	15,257	55	75	76 595	2 398,673	20 180,826	8,413	7,945
6	26	99 011	67 855,831	1 064 500,074	15,688	15,219	56	76	74 627	2 194,409	17 782,153	8,103	7,635
7	27	98 985	63 697,303	996 644,243	15,647	15,178	57	77	72 512	2 002,079	15 587,744	7,786	7,317
8	28	98 954	59 791,318	932 946,941	15,603	15,135	58	78	70 276	1 821,913	13 585,665	7,457	6,988
9	29	98 923	56 124,446	873 155,623	15,557	15,089	59	79	67 836	1 651,318	11 763,752	7,124	6,655
10	30	98 891	52 681,777	817 031,176	15,509	15,040	60	80	65 174	1 489,706	10 112,434	6,788	6,319
11	31	98 856	49 448,787	764 349,399	15,457	14,989	61	81	62 276	1 336,568	8 622,728	6,451	5,983
12	32	98 817	46 412,627	714 900,612	15,403	14,934	62	82	59 126	1 191,516	7 286,160	6,115	5,646
13	33	98 775	43 561,436	668 487,985	15,346	14,877	63	83	55 684	1 053,677	6 094,644	5,784	5,315
14	34	98 731	40 884,632	624 926,550	15,285	14,816	64	84	51 929	922,650	5 040,967	5,464	4,995
15	35	98 681	38 369,928	584 041,918	15,221	14,753	65	85	47 930	799,613	4 118,317	5,150	4,682
16	36	98 620	36 005,682	545 671,990	15,155	14,686	66	86	43 716	684,803	3 318,705	4,846	4,377
17	37	98 550	33 784,303	509 666,308	15,086	14,617	67	87	39 316	578,292	2 633,902	4,555	4,086
18	38	98 474	31 697,878	475 882,005	15,013	14,544	68	88	34 780	480,344	2 055,610	4,279	3,811
19	39	98 382	29 735,292	444 184,127	14,938	14,469	69	89	30 233	392,070	1 575,266	4,018	3,549
20	40	98 278	27 891,036	414 448,836	14,860	14,391	70	90	25 784	313,960	1 183,196	3,769	3,300
21	41	98 175	26 161,386	386 557,800	14,776	14,307	71	91	21 496	245,769	869,235	3,537	3,068
22	42	98 064	24 536,749	360 396,414	14,688	14,219	72	92	17 482	187,678	623,466	3,322	2,853
23	43	97 944	23 010,961	335 859,665	14,596	14,127	73	93	13 823	139,342	435,789	3,127	2,659
24	44	97 815	21 578,112	312 848,704	14,498	14,030	74	94	10 613	100,450	296,447	2,951	2,482
25	45	97 677	20 232,702	291 270,592	14,396	13,927	75	95	7 922	70,411	195,997	2,784	2,315
26	46	97 529	18 969,025	271 037,890	14,288	13,820	76	96	5 706	47,616	125,586	2,637	2,169
27	47	97 371	17 782,360	252 068,865	14,175	13,706	77	97	3 958	31,015	77,970	2,514	2,045
28	48	97 201	16 667,856	234 286,506	14,056	13,587	78	98	2 679	19,712	46,955	2,382	1,913
29	49	97 008	15 619,598	217 618,650	13,932	13,464	79	99	1 743	12,040	27,243	2,263	1,794
30	50	96 797	14 634,367	201 999,052	13,803	13,334	80	100	1 088	7,057	15,203	2,154	1,685
31	51	96 568	13 708,609	187 364,685	13,668	13,199							
32	52	96 312	12 837,836	173 656,077	13,527	13,058							
33	53	96 041	12 020,385	160 818,241	13,379	12,910							
34	54	95 736	11 250,878	148 797,855	13,225	12,757							
35	55	95 405	10 527,705	137 546,977	13,065	12,596							
36	56	95 036	9 846,962	127 019,272	12,899	12,431							
37	57	94 631	9 206,570	117 172,310	12,727	12,258							
38	58	94 181	8 603,604	107 965,739	12,549	12,080							
39	59	93 693	8 036,611	99 362,135	12,364	11,895							
40	60	93 151	7 502,469	91 325,524	12,173	11,704							
41	61	92 559	6 999,782	83 823,055	11,975	11,506							
42	62	91 908	6 526,368	76 823,273	11,771	11,302							
43	63	91 217	6 081,914	70 296,905	11,558	11,090							
44	64	90 455	5 663,067	64 214,991	11,339	10,871							
45	65	89 630	5 268,887	58 551,924	11,113	10,644							
46	66	88 744	4 898,442	53 283,037	10,878	10,409							
47	67	87 786	4 549,790	48 384,595	10,634	10,166							
48	68	86 761	4 222,258	43 834,805	10,382	9,913							
49	69	85 651	3 913,809	39 612,547	10,121	9,652							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	1 573 329,945	15,812	15,343	50	71	83 353	3 576,378	34 430,138	9,627	9,158
1	22	99 149	93 097,531	1 473 827,323	15,831	15,362	51	72	81 938	3 301,069	30 853,760	9,347	8,878
2	23	99 108	87 379,733	1 380 729,791	15,801	15,333	52	73	80 424	3 042,338	27 552,692	9,056	8,588
3	24	99 079	82 022,366	1 293 350,058	15,768	15,300	53	74	78 762	2 797,623	24 510,353	8,761	8,292
4	25	99 051	76 994,527	1 211 327,691	15,733	15,264	54	75	76 980	2 567,445	21 712,731	8,457	7,988
5	26	99 020	72 273,028	1 134 333,164	15,695	15,226	55	76	75 054	2 350,412	19 145,285	8,146	7,677
6	27	98 994	67 843,736	1 062 060,136	15,655	15,186	56	77	72 974	2 145,805	16 794,874	7,827	7,358
7	28	98 964	63 683,942	994 216,400	15,612	15,143	57	78	70 776	1 954,152	14 649,068	7,496	7,028
8	29	98 931	59 777,088	930 532,457	15,567	15,098	58	79	68 364	1 772,343	12 694,916	7,163	6,694
9	30	98 899	56 110,597	870 755,369	15,519	15,050	59	80	65 746	1 600,444	10 922,572	6,825	6,356
10	31	98 863	52 666,880	814 644,773	15,468	14,999	60	81	62 876	1 437,176	9 322,128	6,486	6,018
11	32	98 824	49 432,864	761 977,893	15,414	14,946	61	82	59 759	1 282,551	7 884,952	6,148	5,679
12	33	98 784	46 397,037	712 545,029	15,358	14,889	62	83	56 347	1 135,512	6 602,402	5,814	5,346
13	34	98 740	43 546,179	666 147,992	15,298	14,829	63	84	52 611	995,518	5 466,889	5,492	5,023
14	35	98 694	40 869,022	622 601,813	15,234	14,765	64	85	48 617	863,796	4 471,371	5,176	4,708
15	36	98 635	38 352,012	581 732,791	15,168	14,700	65	86	44 398	740,686	3 607,575	4,871	4,402
16	37	98 573	35 988,512	543 380,779	15,099	14,630	66	87	39 988	626,404	2 866,889	4,577	4,108
17	38	98 501	33 767,244	507 392,267	15,026	14,557	67	88	35 420	520,986	2 240,485	4,300	3,832
18	39	98 420	31 680,314	473 625,023	14,950	14,481	68	89	30 839	425,919	1 719,499	4,037	3,568
19	40	98 318	29 715,944	441 944,709	14,872	14,404	69	90	26 339	341,569	1 293,580	3,787	3,318
20	41	98 216	27 873,377	412 228,764	14,789	14,321	70	91	21 991	267,772	952,011	3,555	3,087
21	42	98 103	26 142,211	384 355,387	14,702	14,234	71	92	17 929	204,989	684,240	3,338	2,869
22	43	97 985	24 516,951	358 213,176	14,611	14,142	72	93	14 196	152,405	479,251	3,145	2,676
23	44	97 856	22 990,350	333 696,225	14,515	14,046	73	94	10 928	110,155	326,846	2,967	2,498
24	45	97 722	21 557,702	310 705,875	14,413	13,944	74	95	8 177	77,401	216,691	2,800	2,331
25	46	97 572	20 210,938	289 148,172	14,307	13,838	75	96	5 908	52,509	139,290	2,653	2,184
26	47	97 414	18 946,562	268 937,234	14,195	13,726	76	97	4 112	34,316	86,781	2,529	2,060
27	48	97 244	17 759,254	249 990,672	14,077	13,608	77	98	2 792	21,874	52,465	2,399	1,930
28	49	97 053	16 642,569	232 231,418	13,954	13,485	78	99	1 824	13,423	30,591	2,279	1,810
29	50	96 845	15 593,293	215 588,849	13,826	13,357	79	100	1 145	7,907	17,168	2,171	1,702
30	51	96 619	14 607,382	199 995,555	13,691	13,223							
31	52	96 367	13 680,143	185 388,173	13,552	13,083							
32	53	96 099	12 809,536	171 708,030	13,405	12,936							
33	54	95 803	11 990,592	158 898,495	13,252	12,783							
34	55	95 472	11 219,890	146 907,903	13,094	12,625							
35	56	95 108	10 494,938	135 688,012	12,929	12,460							
36	57	94 715	9 813,664	125 193,074	12,757	12,288							
37	58	94 276	9 171,988	115 379,410	12,580	12,111							
38	59	93 788	8 567,696	106 207,422	12,396	11,928							
39	60	93 259	7 999,366	97 639,726	12,206	11,737							
40	61	92 674	7 464,005	89 640,360	12,010	11,541							
41	62	92 042	6 960,680	82 176,354	11,806	11,337							
42	63	91 346	6 486,414	75 215,674	11,596	11,127							
43	64	90 600	6 040,799	68 729,260	11,378	10,909							
44	65	89 785	5 621,110	62 688,461	11,152	10,684							
45	66	88 911	5 226,663	57 067,351	10,919	10,450							
46	67	87 967	4 855,542	51 840,687	10,677	10,208							
47	68	86 964	4 507,214	46 985,145	10,424	9,956							
48	69	85 876	4 179,174	42 477,931	10,164	9,695							
49	70	84 662	3 868,619	38 298,757	9,900	9,431							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	1 570 637,143	15,788	15,319	50	72	82 202	3 526,972	33 109,791	9,388	8,919
1	23	99 132	93 081,912	1 471 151,416	15,805	15,336	51	73	80 713	3 251,725	29 582,819	9,098	8,629
2	24	99 092	87 365,442	1 378 069,504	15,774	15,305	52	74	79 078	2 991,422	26 331,094	8,802	8,333
3	25	99 063	82 008,893	1 290 704,062	15,739	15,270	53	75	77 329	2 746,728	23 339,672	8,497	8,029
4	26	99 032	76 979,558	1 208 695,170	15,702	15,233	54	76	75 432	2 515,788	20 592,945	8,185	7,717
5	27	99 003	72 260,146	1 131 715,611	15,662	15,193	55	77	73 391	2 298,353	18 077,156	7,865	7,397
6	28	98 973	67 829,506	1 059 455,465	15,619	15,151	56	78	71 227	2 094,438	15 778,803	7,534	7,065
7	29	98 940	63 668,786	991 625,959	15,575	15,106	57	79	68 850	1 900,985	13 684,365	7,199	6,730
8	30	98 906	59 762,337	927 957,173	15,527	15,059	58	80	66 257	1 717,740	11 783,380	6,860	6,391
9	31	98 871	56 094,730	868 194,836	15,477	15,009	59	81	63 427	1 544,010	10 065,640	6,519	6,050
10	32	98 831	52 649,921	812 100,106	15,425	14,956	60	82	60 335	1 379,093	8 521,630	6,179	5,710
11	33	98 791	49 416,259	759 450,185	15,368	14,900	61	83	56 950	1 222,268	7 142,538	5,844	5,375
12	34	98 749	46 380,787	710 033,926	15,309	14,840	62	84	53 236	1 072,837	5 920,270	5,518	5,050
13	35	98 703	43 529,554	663 653,139	15,246	14,777	63	85	49 255	932,016	4 847,433	5,201	4,732
14	36	98 647	40 849,939	620 123,585	15,181	14,712	64	86	45 034	800,139	3 915,417	4,893	4,425
15	37	98 588	38 333,723	579 273,646	15,111	14,643	65	87	40 611	677,521	3 115,278	4,598	4,129
16	38	98 523	35 970,340	540 939,923	15,038	14,570	66	88	36 025	564,331	2 437,756	4,320	3,851
17	39	98 446	33 748,533	504 969,583	14,963	14,494	67	89	31 407	461,956	1 873,426	4,055	3,587
18	40	98 356	31 659,702	471 221,050	14,884	14,415	68	90	26 867	371,058	1 411,470	3,804	3,335
19	41	98 256	29 697,130	439 561,348	14,801	14,333	69	91	22 464	291,318	1 040,411	3,571	3,103
20	42	98 144	27 852,948	409 864,218	14,715	14,247	70	92	18 342	223,341	749,093	3,354	2,885
21	43	98 024	26 121,118	382 011,270	14,625	14,156	71	93	14 559	166,462	525,752	3,158	2,690
22	44	97 897	24 494,992	355 890,152	14,529	14,060	72	94	11 223	120,482	359,290	2,982	2,513
23	45	97 763	22 968,604	331 395,160	14,428	13,959	73	95	8 420	84,879	238,808	2,813	2,345
24	46	97 617	21 534,514	308 426,556	14,322	13,854	74	96	6 098	57,722	153,929	2,667	2,198
25	47	97 457	20 187,005	286 892,042	14,212	13,743	75	97	4 258	37,842	96,207	2,542	2,074
26	48	97 287	18 921,944	266 705,037	14,095	13,626	76	98	2 900	24,202	58,365	2,412	1,943
27	49	97 097	17 732,311	247 783,094	13,974	13,505	77	99	1 901	14,895	34,163	2,294	1,825
28	50	96 890	16 614,542	230 050,783	13,846	13,378	78	100	1 198	8,816	19,267	2,186	1,717
29	51	96 666	15 564,541	213 436,241	13,713	13,244							
30	52	96 418	14 577,050	197 871,700	13,574	13,105							
31	53	96 155	13 649,986	183 294,650	13,428	12,959							
32	54	95 861	12 777,786	169 644,664	13,277	12,808							
33	55	95 539	11 957,567	156 866,877	13,119	12,650							
34	56	95 175	11 184,970	144 909,311	12,956	12,487							
35	57	94 786	10 459,449	133 724,341	12,785	12,316							
36	58	94 359	9 776,801	123 264,892	12,608	12,139							
37	59	93 882	9 133,708	113 488,091	12,425	11,956							
38	60	93 354	8 527,990	104 354,383	12,237	11,768							
39	61	92 781	7 958,355	95 826,394	12,041	11,572							
40	62	92 156	7 422,310	87 868,039	11,838	11,370							
41	63	91 478	6 918,068	80 445,729	11,628	11,160							
42	64	90 728	6 442,565	73 527,661	11,413	10,944							
43	65	89 929	5 996,044	67 085,097	11,188	10,719							
44	66	89 066	5 576,064	61 089,052	10,956	10,487							
45	67	88 133	5 180,889	55 512,988	10,715	10,246							
46	68	87 144	4 810,105	50 332,099	10,464	9,995							
47	69	86 077	4 461,222	45 521,994	10,204	9,735							
48	70	84 884	4 130,920	41 060,772	9,940	9,471							
49	71	83 599	3 820,061	36 929,851	9,667	9,199							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	1 567 768,397	15,761	15,293	50	73	80 973	3 474,251	31 738,832	9,135	8,667
1	24	99 116	93 066,687	1 468 299,361	15,777	15,308	51	74	79 362	3 197,304	28 264,581	8,840	8,371
2	25	99 076	87 351,090	1 375 232,674	15,744	15,275	52	75	77 640	2 937,001	25 067,278	8,535	8,066
3	26	99 043	81 992,949	1 287 881,584	15,707	15,238	53	76	75 774	2 691,464	22 130,276	8,222	7,754
4	27	99 014	76 965,837	1 205 888,635	15,668	15,199	54	77	73 761	2 460,067	19 438,812	7,902	7,433
5	28	98 982	72 244,990	1 128 922,797	15,626	15,158	55	78	71 635	2 243,334	16 978,746	7,569	7,100
6	29	98 949	67 813,363	1 056 677,807	15,582	15,113	56	79	69 289	2 037,454	14 735,412	7,232	6,764
7	30	98 916	63 653,075	988 864,444	15,535	15,066	57	80	66 729	1 842,419	12 697,958	6,892	6,423
8	31	98 878	59 745,437	925 211,369	15,486	15,017	58	81	63 921	1 657,170	10 855,540	6,551	6,082
9	32	98 839	56 076,667	865 465,932	15,434	14,965	59	82	60 864	1 481,608	9 198,369	6,208	5,740
10	33	98 798	52 632,235	809 389,265	15,378	14,909	60	83	57 499	1 314,272	7 716,761	5,872	5,403
11	34	98 756	49 398,952	756 757,029	15,319	14,851	61	84	53 806	1 154,804	6 402,489	5,544	5,075
12	35	98 711	46 363,079	707 358,077	15,257	14,788	62	85	49 841	1 004,402	5 247,685	5,225	4,756
13	36	98 657	43 509,228	660 994,998	15,192	14,723	63	86	45 625	863,333	4 243,283	4,915	4,446
14	37	98 600	40 830,459	617 485,770	15,123	14,654	64	87	41 194	731,905	3 379,951	4,618	4,149
15	38	98 538	38 314,367	576 655,310	15,051	14,582	65	88	36 587	610,383	2 648,046	4,338	3,870
16	39	98 469	35 950,409	538 340,943	14,975	14,506	66	89	31 943	500,390	2 037,663	4,072	3,603
17	40	98 382	33 726,575	502 390,534	14,896	14,427	67	90	27 361	402,453	1 537,274	3,820	3,351
18	41	98 293	31 639,657	468 663,959	14,813	14,344	68	91	22 914	316,469	1 134,820	3,586	3,117
19	42	98 184	29 675,364	437 024,302	14,727	14,258	69	92	18 737	242,981	818,351	3,368	2,899
20	43	98 065	27 830,475	407 348,938	14,637	14,168	70	93	14 894	181,365	575,371	3,172	2,704
21	44	97 936	26 097,721	379 518,464	14,542	14,073	71	94	11 510	131,595	394,006	2,994	2,525
22	45	97 804	24 471,823	353 420,742	14,442	13,973	72	95	8 648	92,837	262,411	2,827	2,358
23	46	97 658	22 943,898	328 948,919	14,337	13,868	73	96	6 279	63,299	169,574	2,679	2,210
24	47	97 501	21 509,013	306 005,021	14,227	13,758	74	97	4 395	41,599	106,276	2,555	2,086
25	48	97 330	20 160,775	284 496,009	14,111	13,643	75	98	3 003	26,689	64,676	2,423	1,955
26	49	97 140	18 893,237	264 335,234	13,991	13,522	76	99	1 975	16,481	37,988	2,305	1,836
27	50	96 933	17 702,449	245 441,997	13,865	13,396	77	100	1 248	9,783	21,507	2,198	1,730
28	51	96 711	16 583,906	227 739,548	13,733	13,264							
29	52	96 466	15 532,221	211 155,642	13,595	13,126							
30	53	96 205	14 544,916	195 623,421	13,450	12,981							
31	54	95 916	13 616,153	181 078,505	13,299	12,830							
32	55	95 597	12 742,593	167 462,352	13,142	12,673							
33	56	95 241	11 920,350	154 719,759	12,979	12,511							
34	57	94 853	11 147,147	142 799,409	12,810	12,342							
35	58	94 430	10 420,160	131 652,262	12,634	12,166							
36	59	93 965	9 735,997	121 232,102	12,452	11,983							
37	60	93 447	9 091,378	111 496,105	12,264	11,795							
38	61	92 875	8 484,268	102 404,727	12,070	11,601							
39	62	92 262	7 913,898	93 920,459	11,868	11,399							
40	63	91 592	7 376,871	86 006,561	11,659	11,190							
41	64	90 860	6 871,300	78 629,689	11,443	10,974							
42	65	90 056	6 394,833	71 758,389	11,221	10,753							
43	66	89 208	5 947,994	65 363,556	10,989	10,520							
44	67	88 286	5 527,231	59 415,562	10,750	10,281							
45	68	87 308	5 132,407	53 888,332	10,500	10,031							
46	69	86 255	4 761,022	48 755,925	10,241	9,772							
47	70	85 083	4 409,712	43 994,902	9,977	9,508							
48	71	83 819	4 079,070	39 585,191	9,704	9,236							
49	72	82 444	3 767,289	35 506,121	9,425	8,956							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	1 564 712,264	15,733	15,264	50	74	79 618	3 416,106	30 317,841	8,875	8,406
1	25	99 100	93 051,399	1 465 259,498	15,747	15,278	51	75	77 918	3 139,138	26 901,735	8,570	8,101
2	26	99 057	87 334,108	1 372 208,098	15,712	15,243	52	76	76 078	2 877,909	23 762,597	8,257	7,788
3	27	99 026	81 978,335	1 284 873,990	15,673	15,205	53	77	74 095	2 631,851	20 884,688	7,935	7,467
4	28	98 993	76 949,694	1 202 895,656	15,632	15,163	54	78	71 995	2 401,177	18 252,837	7,602	7,133
5	29	98 958	72 227,796	1 125 945,962	15,589	15,120	55	79	69 686	2 182,298	15 851,660	7,264	6,795
6	30	98 925	67 796,629	1 053 718,165	15,542	15,074	56	80	67 155	1 974,683	13 669,362	6,922	6,454
7	31	98 888	63 635,075	985 921,536	15,493	15,025	57	81	64 376	1 777,452	11 694,679	6,579	6,111
8	32	98 847	59 726,199	922 286,461	15,442	14,973	58	82	61 338	1 590,195	9 917,227	6,236	5,768
9	33	98 806	56 057,830	862 560,262	15,387	14,918	59	83	58 003	1 411,969	8 327,031	5,897	5,429
10	34	98 763	52 613,802	806 502,432	15,329	14,860	60	84	54 325	1 241,730	6 915,062	5,569	5,100
11	35	98 718	49 380,092	753 888,630	15,267	14,798	61	85	50 374	1 081,141	5 673,333	5,248	4,779
12	36	98 665	46 341,430	704 508,538	15,203	14,734	62	86	46 168	930,384	4 592,192	4,936	4,467
13	37	98 610	43 488,480	658 167,107	15,134	14,666	63	87	41 734	789,709	3 661,807	4,637	4,168
14	38	98 551	40 809,843	614 678,627	15,062	14,593	64	88	37 111	659,377	2 872,099	4,356	3,887
15	39	98 484	38 293,137	573 868,784	14,986	14,517	65	89	32 442	541,224	2 212,722	4,088	3,620
16	40	98 404	35 927,018	535 575,647	14,907	14,439	66	90	27 829	435,936	1 671,498	3,834	3,366
17	41	98 320	33 705,222	499 648,629	14,824	14,355	67	91	23 336	343,246	1 235,562	3,600	3,131
18	42	98 221	31 616,467	465 943,407	14,737	14,269	68	92	19 112	263,958	892,316	3,381	2,912
19	43	98 104	29 651,420	434 326,940	14,648	14,179	69	93	15 215	197,313	628,358	3,185	2,716
20	44	97 977	27 805,547	404 675,520	14,554	14,085	70	94	11 775	143,376	431,045	3,006	2,538
21	45	97 844	26 073,037	376 869,973	14,454	13,986	71	95	8 869	101,400	287,668	2,837	2,368
22	46	97 699	24 445,500	350 796,936	14,350	13,881	72	96	6 449	69,233	186,269	2,690	2,222
23	47	97 542	22 916,728	326 351,436	14,241	13,772	73	97	4 525	45,618	117,036	2,566	2,097
24	48	97 375	21 481,065	303 434,708	14,126	13,657	74	98	3 100	29,338	71,418	2,434	1,966
25	49	97 182	20 130,188	281 953,644	14,007	13,538	75	99	2 045	18,174	42,079	2,315	1,847
26	50	96 976	18 861,419	261 823,455	13,881	13,413	76	100	1 297	10,824	23,905	2,209	1,740
27	51	96 755	17 669,807	242 962,036	13,750	13,281							
28	52	96 510	16 549,470	225 292,229	13,613	13,145							
29	53	96 253	15 497,981	208 742,759	13,469	13,000							
30	54	95 967	14 508,865	193 244,778	13,319	12,850							
31	55	95 652	13 578,651	178 735,912	13,163	12,694							
32	56	95 300	12 702,933	165 157,262	13,002	12,533							
33	57	94 919	11 880,040	152 454,328	12,833	12,364							
34	58	94 497	11 105,275	140 574,288	12,658	12,190							
35	59	94 036	10 376,671	129 469,013	12,477	12,008							
36	60	93 530	9 690,876	119 092,342	12,289	11,820							
37	61	92 968	9 044,768	109 401,467	12,096	11,627							
38	62	92 356	8 436,873	100 356,698	11,895	11,426							
39	63	91 698	7 865,450	91 919,825	11,687	11,218							
40	64	90 973	7 327,002	84 054,375	11,472	11,003							
41	65	90 187	6 820,392	76 727,373	11,250	10,781							
42	66	89 334	6 343,587	69 906,981	11,020	10,551							
43	67	88 427	5 895,903	63 563,394	10,781	10,312							
44	68	87 460	5 475,507	57 667,491	10,532	10,063							
45	69	86 417	5 080,036	52 191,984	10,274	9,805							
46	70	85 259	4 706,050	47 111,948	10,011	9,542							
47	71	84 015	4 354,362	42 405,898	9,739	9,270							
48	72	82 661	4 022,720	38 051,536	9,459	8,990							
49	73	81 212	3 710,976	34 028,816	9,170	8,701							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	1 561 456,357	15,703	15,234	50	75	78 170	3 353,960	28 849,723	8,602	8,133
1	26	99 080	93 033,309	1 462 019,927	15,715	15,246	51	76	76 351	3 075,979	25 495,764	8,289	7,820
2	27	99 039	87 318,542	1 368 986,619	15,678	15,209	52	77	74 393	2 814,167	22 419,785	7,967	7,498
3	28	99 005	81 961,140	1 281 668,077	15,638	15,169	53	78	72 322	2 568,849	19 605,619	7,632	7,163
4	29	98 970	76 931,381	1 199 706,937	15,595	15,126	54	79	70 036	2 335,847	17 036,770	7,294	6,825
5	30	98 934	72 209,973	1 122 775,556	15,549	15,080	55	80	67 539	2 115,065	14 700,924	6,951	6,482
6	31	98 897	67 777,458	1 050 565,583	15,500	15,031	56	81	64 787	1 905,053	12 585,858	6,607	6,138
7	32	98 856	63 614,584	982 788,126	15,449	14,980	57	82	61 774	1 705,616	10 680,805	6,262	5,793
8	33	98 813	59 706,136	919 173,541	15,395	14,926	58	83	58 455	1 515,452	8 975,190	5,922	5,454
9	34	98 771	56 038,197	859 467,405	15,337	14,868	59	84	54 802	1 334,034	7 459,737	5,592	5,123
10	35	98 726	52 593,714	803 429,208	15,276	14,807	60	85	50 860	1 162,522	6 125,703	5,269	4,801
11	36	98 672	49 357,035	750 835,493	15,212	14,744	61	86	46 662	1 001,468	4 963,181	4,956	4,487
12	37	98 618	46 319,332	701 478,459	15,144	14,676	62	87	42 231	851,042	3 961,713	4,655	4,186
13	38	98 560	43 466,522	655 159,126	15,073	14,604	63	88	37 599	711,453	3 110,671	4,372	3,904
14	39	98 496	40 787,230	611 692,605	14,997	14,528	64	89	32 907	584,667	2 399,218	4,104	3,635
15	40	98 420	38 268,222	570 905,375	14,919	14,450	65	90	28 263	471,511	1 814,551	3,848	3,380
16	41	98 342	35 904,271	532 637,153	14,835	14,366	66	91	23 735	371,803	1 343,040	3,612	3,143
17	42	98 248	33 680,518	496 732,882	14,748	14,280	67	92	19 464	286,291	971,238	3,392	2,924
18	43	98 142	31 590,957	463 052,364	14,658	14,189	68	93	15 520	214,348	684,946	3,195	2,727
19	44	98 016	29 624,862	431 461,407	14,564	14,095	69	94	12 028	155,984	470,598	3,017	2,548
20	45	97 884	27 779,247	401 836,545	14,465	13,997	70	95	9 073	110,478	314,614	2,848	2,379
21	46	97 739	26 044,991	374 057,298	14,362	13,893	71	96	6 614	75,618	204,136	2,700	2,231
22	47	97 583	24 416,552	348 012,307	14,253	13,784	72	97	4 648	49,895	128,517	2,576	2,107
23	48	97 416	22 886,951	323 595,755	14,139	13,670	73	98	3 192	32,173	78,622	2,444	1,975
24	49	97 227	21 448,475	300 708,805	14,020	13,551	74	99	2 111	19,979	46,449	2,325	1,856
25	50	97 019	20 096,288	279 260,329	13,896	13,427	75	100	1 343	11,936	26,471	2,218	1,749
26	51	96 797	18 826,641	259 164,041	13,766	13,297							
27	52	96 554	17 633,116	240 337,400	13,630	13,161							
28	53	96 297	16 512,988	222 704,285	13,487	13,018							
29	54	96 014	15 459,568	206 191,297	13,337	12,869							
30	55	95 703	14 468,904	190 731,728	13,182	12,713							
31	56	95 354	13 536,389	176 262,824	13,021	12,553							
32	57	94 977	12 659,977	162 726,436	12,854	12,385							
33	58	94 563	11 835,416	150 066,459	12,679	12,211							
34	59	94 102	11 058,926	138 231,043	12,499	12,031							
35	60	93 600	10 328,581	127 172,117	12,313	11,844							
36	61	93 050	9 641,192	116 843,536	12,119	11,650							
37	62	92 449	8 994,242	107 202,344	11,919	11,450							
38	63	91 791	8 385,224	98 208,101	11,712	11,243							
39	64	91 078	7 812,278	89 822,878	11,498	11,029							
40	65	90 299	7 272,718	82 010,600	11,276	10,808							
41	66	89 464	6 765,736	74 737,882	11,047	10,578							
42	67	88 552	6 288,031	67 972,146	10,810	10,341							
43	68	87 599	5 840,729	61 684,115	10,561	10,092							
44	69	86 567	5 419,635	55 843,386	10,304	9,835							
45	70	85 419	5 021,380	50 423,751	10,042	9,573							
46	71	84 189	4 646,981	45 402,370	9,770	9,302							
47	72	82 854	4 294,209	40 755,389	9,491	9,022							
48	73	81 425	3 962,588	36 461,180	9,201	8,733							
49	74	79 853	3 648,869	32 498,592	8,906	8,438							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	4 048,513	51 216,674	12,651	12,182
1	0	99 661	93 578,782	1 503 673,723	16,069	15,600	51	50	93 896	3 782,824	47 168,161	12,469	12,000
2	1	99 349	87 592,125	1 410 094,942	16,098	15,630	52	51	93 387	3 532,713	43 385,337	12,281	11,812
3	2	99 314	82 216,896	1 322 502,816	16,086	15,617	53	52	92 821	3 296,986	39 852,624	12,088	11,619
4	3	99 289	77 179,670	1 240 285,920	16,070	15,601	54	53	92 198	3 074,994	36 555,638	11,888	11,419
5	4	99 268	72 453,680	1 163 106,250	16,053	15,584	55	54	91 509	2 865,737	33 480,644	11,683	11,214
6	5	99 250	68 019,180	1 090 652,570	16,034	15,566	56	55	90 738	2 668,161	30 614,907	11,474	11,005
7	6	99 234	63 857,685	1 022 633,390	16,014	15,546	57	56	89 883	2 481,700	27 946,746	11,261	10,792
8	7	99 217	59 950,063	958 775,705	15,993	15,524	58	57	88 946	2 305,936	25 465,046	11,043	10,575
9	8	99 205	56 284,171	898 825,643	15,969	15,501	59	58	87 927	2 140,404	23 159,110	10,820	10,351
10	9	99 190	52 840,936	842 541,472	15,945	15,476	60	59	86 799	1 983,990	21 018,705	10,594	10,125
11	10	99 177	49 609,571	789 700,536	15,918	15,450	61	60	85 572	1 836,552	19 034,715	10,364	9,896
12	11	99 165	46 575,948	740 090,965	15,890	15,421	62	61	84 231	1 697,448	17 198,163	10,132	9,663
13	12	99 148	43 726,050	693 515,017	15,860	15,392	63	62	82 776	1 566,316	15 500,716	9,896	9,428
14	13	99 133	41 050,914	649 788,968	15,829	15,360	64	63	81 204	1 442,779	13 934,400	9,658	9,189
15	14	99 113	38 537,651	608 738,054	15,796	15,327	65	64	79 515	1 326,547	12 491,621	9,417	8,948
16	15	99 088	36 176,666	570 200,403	15,762	15,293	66	65	77 714	1 217,375	11 165,074	9,171	8,703
17	16	99 054	33 956,964	534 023,777	15,726	15,258	67	66	75 796	1 114,866	9 947,699	8,923	8,454
18	17	99 015	31 871,896	500 066,813	15,690	15,221	68	67	73 774	1 018,893	8 832,833	8,669	8,200
19	18	98 964	29 911,233	468 194,917	15,653	15,184	69	68	71 648	929,142	7 813,940	8,410	7,941
20	19	98 908	28 069,774	438 283,684	15,614	15,145	70	69	69 422	845,326	6 884,798	8,145	7,676
21	20	98 851	26 341,389	410 213,910	15,573	15,104	71	70	67 076	766,907	6 039,472	7,875	7,406
22	21	98 795	24 719,648	383 872,521	15,529	15,060	72	71	64 582	693,330	5 272,564	7,605	7,136
23	22	98 737	23 197,267	359 152,872	15,483	15,014	73	72	62 016	625,146	4 579,234	7,325	6,856
24	23	98 678	21 768,666	335 955,605	15,433	14,964	74	73	59 328	561,547	3 954,088	7,041	6,573
25	24	98 617	20 427,358	314 186,938	15,381	14,912	75	74	56 516	502,283	3 392,541	6,754	6,286
26	25	98 557	19 168,996	293 759,581	15,325	14,856	76	75	53 588	447,193	2 890,258	6,463	5,994
27	26	98 495	17 987,628	274 590,584	15,266	14,797	77	76	50 543	396,043	2 443,065	6,169	5,700
28	27	98 433	16 879,187	256 602,956	15,202	14,734	78	77	47 434	348,995	2 047,022	5,865	5,397
29	28	98 367	15 838,348	239 723,769	15,136	14,667	79	78	44 228	305,546	1 698,027	5,557	5,089
30	29	98 295	14 860,814	223 885,420	15,065	14,597	80	79	40 896	265,284	1 392,481	5,249	4,780
31	30	98 219	13 943,006	209 024,606	14,991	14,523	81	80	37 425	227,952	1 127,197	4,945	4,476
32	31	98 135	13 080,814	195 081,600	14,914	14,445	82	81	33 859	193,648	899,245	4,644	4,175
33	32	98 043	12 270,999	182 000,786	14,832	14,363	83	82	30 236	162,371	705,597	4,346	3,877
34	33	97 941	11 510,119	169 729,788	14,746	14,277	84	83	26 539	133,817	543,226	4,059	3,591
35	34	97 838	10 796,246	158 219,669	14,655	14,186	85	84	22 828	108,080	409,409	3,788	3,319
36	35	97 727	10 125,799	147 423,423	14,559	14,090	86	85	19 194	85,328	301,329	3,531	3,063
37	36	97 595	9 494,960	137 297,625	14,460	13,991	87	86	15 740	65,705	216,002	3,287	2,819
38	37	97 451	8 902,315	127 802,664	14,356	13,887	88	87	12 540	49,152	150,297	3,058	2,589
39	38	97 303	8 346,271	118 900,350	14,246	13,777	89	88	9 640	35,478	101,145	2,851	2,382
40	39	97 137	7 823,488	110 554,078	14,131	13,662	90	89	7 136	24,659	65,667	2,663	2,194
41	40	96 954	7 332,134	102 730,590	14,011	13,542	91	90	5 077	16,472	41,008	2,490	2,021
42	41	96 752	6 870,292	95 398,456	13,886	13,417	92	91	3 461	10,544	24,536	2,327	1,858
43	42	96 544	6 437,131	88 528,164	13,753	13,284	93	92	2 240	6,409	13,992	2,183	1,715
44	43	96 312	6 029,747	82 091,033	13,614	13,146	94	93	1 374	3,690	7,583	2,055	1,587
45	44	96 059	5 646,856	76 061,285	13,470	13,001	95	94	793	2,000	3,894	1,947	1,479
46	45	95 788	5 287,241	70 414,430	13,318	12,849	96	95	433	1,026	1,894	1,847	1,378
47	46	95 488	4 948,976	65 127,189	13,160	12,691	97	96	221	0,492	0,869	1,764	1,295
48	47	95 152	4 630,601	60 178,212	12,996	12,527	98	97	106	0,222	0,376	1,692	1,224
49	48	94 779	4 330,937	55 547,611	12,826	12,357	99	98	49	0,095	0,154	1,614	1,145
							100	99	21	0,038	0,059	1,550	1,081

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	4 054,665	51 531,564	12,709	12,240
1							51	49	94 054	3 789,205	47 476,900	12,530	12,061
2	0	99 637	87 846,165	1 410 875,922	16,061	15,592	52	50	93 560	3 539,239	43 687,694	12,344	11,875
3	1	99 336	82 235,187	1 323 029,756	16,088	15,620	53	51	93 014	3 303,846	40 148,455	12,152	11,683
4	2	99 302	77 189,813	1 240 794,570	16,075	15,606	54	52	92 402	3 081,787	36 844,609	11,956	11,487
5	3	99 278	72 460,905	1 163 604,757	16,058	15,590	55	53	91 737	2 872,857	33 762,821	11,752	11,284
6	4	99 259	68 025,442	1 091 143,853	16,040	15,571	56	54	90 989	2 675,531	30 889,964	11,545	11,077
7	5	99 241	63 862,024	1 023 118,411	16,021	15,552	57	55	90 163	2 489,448	28 214,433	11,334	10,865
8	6	99 224	59 954,440	959 256,387	16,000	15,531	58	56	89 247	2 313,761	25 724,986	11,118	10,650
9	7	99 210	56 286,852	899 301,947	15,977	15,508	59	57	88 259	2 148,475	23 411,225	10,897	10,428
10	8	99 197	52 844,744	843 015,095	15,953	15,484	60	58	87 163	1 992,305	21 262,750	10,672	10,204
11	9	99 182	49 612,208	790 170,351	15,927	15,458	61	59	85 970	1 845,103	19 270,445	10,444	9,975
12	10	99 170	46 578,537	740 558,143	15,899	15,430	62	60	84 665	1 706,195	17 425,342	10,213	9,744
13	11	99 156	43 729,413	693 979,606	15,870	15,401	63	61	83 241	1 575,114	15 719,147	9,980	9,511
14	12	99 139	41 053,508	650 250,193	15,839	15,370	64	62	81 704	1 451,666	14 144,033	9,743	9,275
15	13	99 121	38 540,697	609 196,685	15,807	15,338	65	63	80 056	1 335,576	12 692,366	9,503	9,035
16	14	99 097	36 179,964	570 655,988	15,773	15,304	66	64	78 294	1 226,462	11 356,791	9,260	8,791
17	15	99 066	33 960,895	534 476,024	15,738	15,269	67	65	76 408	1 123,872	10 130,329	9,014	8,545
18	16	99 028	31 875,971	500 515,129	15,702	15,233	68	66	74 426	1 027,896	9 006,457	8,762	8,293
19	17	98 977	29 915,111	468 639,157	15,666	15,197	69	67	72 325	937,919	7 978,562	8,507	8,038
20	18	98 924	28 074,331	438 724,046	15,627	15,158	70	68	70 138	854,041	7 040,642	8,244	7,775
21	19	98 867	26 345,720	410 649,715	15,587	15,118	71	69	67 859	775,866	6 186,602	7,974	7,505
22	20	98 811	24 723,695	384 303,995	15,544	15,075	72	70	65 403	702,143	5 410,736	7,706	7,237
23	21	98 753	23 201,207	359 580,300	15,498	15,030	73	71	62 885	633,903	4 708,593	7,428	6,959
24	22	98 695	21 772,319	336 379,093	15,450	14,981	74	72	60 228	570,069	4 074,690	7,148	6,679
25	23	98 633	20 430,699	314 606,774	15,399	14,930	75	73	57 478	510,832	3 504,621	6,861	6,392
26	24	98 574	19 172,146	294 176,074	15,344	14,875	76	74	54 581	455,479	2 993,789	6,573	6,104
27	25	98 514	17 991,126	275 003,928	15,286	14,817	77	75	51 581	404,175	2 538,310	6,280	5,811
28	26	98 451	16 882,196	257 012,802	15,224	14,755	78	76	48 508	356,899	2 134,135	5,980	5,511
29	27	98 387	15 841,671	240 130,606	15,158	14,689	79	77	45 313	313,040	1 777,235	5,677	5,209
30	28	98 318	14 864,352	224 288,935	15,089	14,620	80	78	42 040	272,704	1 464,195	5,369	4,900
31	29	98 243	13 946,447	209 424,583	15,016	14,548	81	79	38 615	235,198	1 191,491	5,066	4,597
32	30	98 162	13 084,514	195 478,136	14,940	14,471	82	80	35 097	200,726	956,294	4,764	4,295
33	31	98 075	12 274,951	182 393,622	14,859	14,390	83	81	31 510	169,210	755,568	4,465	3,997
34	32	97 974	11 513,986	170 118,670	14,775	14,306	84	82	27 848	140,417	586,358	4,176	3,707
35	33	97 873	10 800,028	158 604,684	14,686	14,217	85	83	24 161	114,394	445,941	3,898	3,430
36	34	97 764	10 129,666	147 804,656	14,591	14,123	86	84	20 501	91,141	331,547	3,638	3,169
37	35	97 641	9 499,396	137 674,990	14,493	14,024	87	85	16 993	70,932	240,406	3,389	2,920
38	36	97 498	8 906,562	128 175,594	14,391	13,922	88	86	13 709	53,734	169,474	3,154	2,685
39	37	97 352	8 350,488	119 269,032	14,283	13,814	89	87	10 700	39,380	115,739	2,939	2,470
40	38	97 191	7 827,826	110 918,544	14,170	13,701	90	88	8 047	27,810	76,359	2,746	2,277
41	39	97 017	7 336,907	103 090,718	14,051	13,582	91	89	5 827	18,908	48,550	2,568	2,099
42	40	96 813	6 874,645	95 753,811	13,929	13,460	92	90	4 058	12,363	29,642	2,398	1,929
43	41	96 615	6 441,853	88 879,166	13,797	13,328	93	91	2 686	7,683	17,279	2,249	1,780
44	42	96 390	6 034,616	82 437,313	13,661	13,192	94	92	1 691	4,543	9,596	2,112	1,643
45	43	96 145	5 651,918	76 402,697	13,518	13,049	95	93	1 003	2,529	5,052	1,997	1,529
46	44	95 879	5 292,247	70 750,779	13,369	12,900	96	94	562	1,331	2,523	1,895	1,426
47	45	95 590	4 954,305	65 458,532	13,212	12,744	97	95	297	0,660	1,192	1,805	1,336
48	46	95 265	4 636,091	60 504,227	13,051	12,582	98	96	148	0,308	0,531	1,723	1,254
49	47	94 902	4 336,572	55 868,136	12,883	12,414	99	97	69	0,135	0,223	1,648	1,180
							100	98	30	0,055	0,088	1,581	1,112

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	4 059,940	51 820,559	12,764	12,295
1							51	48	94 197	3 794,963	47 760,620	12,585	12,117
2							52	49	93 718	3 545,209	43 965,657	12,401	11,933
3	0	99 624	82 473,690	1 323 750,940	16,051	15,582	53	50	93 186	3 309,950	40 420,447	12,212	11,743
4	1	99 324	77 206,984	1 241 277,250	16,077	15,609	54	51	92 594	3 088,200	37 110,498	12,017	11,548
5	2	99 291	72 470,427	1 164 070,266	16,063	15,594	55	52	91 939	2 879,204	34 022,298	11,817	11,348
6	3	99 269	68 032,225	1 091 599,838	16,045	15,577	56	53	91 215	2 682,179	31 143,093	11,611	11,142
7	4	99 250	63 867,903	1 023 567,614	16,026	15,558	57	54	90 412	2 496,323	28 460,915	11,401	10,932
8	5	99 231	59 958,514	959 699,711	16,006	15,537	58	55	89 526	2 320,984	25 964,591	11,187	10,718
9	6	99 217	56 290,962	899 741,197	15,984	15,515	59	56	88 558	2 155,765	23 643,607	10,968	10,499
10	7	99 202	52 847,262	843 450,235	15,960	15,491	60	57	87 492	1 999,817	21 487,842	10,745	10,276
11	8	99 189	49 615,783	790 602,974	15,935	15,466	61	58	86 330	1 852,836	19 488,025	10,518	10,049
12	9	99 175	46 581,013	740 987,190	15,907	15,439	62	59	85 059	1 714,139	17 635,189	10,288	9,819
13	10	99 161	43 731,844	694 406,177	15,879	15,410	63	60	83 670	1 583,231	15 921,050	10,056	9,587
14	11	99 147	41 056,666	650 674,333	15,848	15,379	64	61	82 163	1 459,821	14 337,819	9,822	9,353
15	12	99 127	38 543,133	609 617,667	15,817	15,348	65	62	80 549	1 343,802	12 877,998	9,583	9,115
16	13	99 105	36 182,824	571 074,534	15,783	15,314	66	63	78 827	1 234,809	11 534,196	9,341	8,872
17	14	99 075	33 964,029	534 891,711	15,749	15,280	67	64	76 979	1 132,261	10 299,387	9,096	8,628
18	15	99 039	31 879,662	500 927,682	15,713	15,244	68	65	75 027	1 036,199	9 167,126	8,847	8,378
19	16	98 989	29 918,936	469 048,020	15,677	15,209	69	66	72 964	946,206	8 130,926	8,593	8,124
20	17	98 937	28 077,972	439 129,084	15,640	15,171	70	67	70 800	862,108	7 184,721	8,334	7,865
21	18	98 883	26 349,997	411 051,112	15,600	15,131	71	68	68 559	783,864	6 322,612	8,066	7,597
22	19	98 827	24 727,760	384 701,115	15,557	15,089	72	69	66 167	710,345	5 538,748	7,797	7,329
23	20	98 769	23 205,005	359 973,356	15,513	15,044	73	70	63 684	641,961	4 828,403	7,521	7,053
24	21	98 712	21 776,017	336 768,351	15,465	14,996	74	71	61 072	578,054	4 186,442	7,242	6,774
25	22	98 650	20 434,128	314 992,334	15,415	14,946	75	72	58 350	518,584	3 608,388	6,958	6,489
26	23	98 590	19 175,282	294 558,206	15,361	14,893	76	73	55 510	463,232	3 089,804	6,670	6,201
27	24	98 530	17 994,082	275 382,924	15,304	14,835	77	74	52 537	411,664	2 626,573	6,380	5,912
28	25	98 470	16 885,479	257 388,842	15,243	14,774	78	75	49 504	364,228	2 214,908	6,081	5,612
29	26	98 405	15 844,495	240 503,363	15,179	14,710	79	76	46 339	320,130	1 850,680	5,781	5,312
30	27	98 339	14 867,470	224 658,868	15,111	14,642	80	77	43 071	279,392	1 530,550	5,478	5,009
31	28	98 266	13 949,767	209 791,398	15,039	14,570	81	78	39 695	241,776	1 251,158	5,175	4,706
32	29	98 187	13 087,744	195 841,630	14,964	14,495	82	79	36 213	207,106	1 009,382	4,874	4,405
33	30	98 102	12 278,423	182 753,887	14,884	14,415	83	80	32 661	175,394	802,276	4,574	4,105
34	31	98 006	11 517,695	170 475,463	14,801	14,332	84	81	29 020	146,331	626,881	4,284	3,815
35	32	97 905	10 803,657	158 957,768	14,713	14,245	85	82	25 353	120,036	480,551	4,003	3,535
36	33	97 799	10 133,215	148 154,111	14,621	14,152	86	83	21 699	96,466	360,515	3,737	3,268
37	34	97 678	9 503,024	138 020,896	14,524	14,055	87	84	18 150	75,765	264,049	3,485	3,016
38	35	97 543	8 910,723	128 517,872	14,423	13,954	88	85	14 800	58,009	188,283	3,246	2,777
39	36	97 399	8 354,472	119 607,149	14,317	13,848	89	86	11 698	43,051	130,274	3,026	2,557
40	37	97 240	7 831,780	111 252,678	14,205	13,737	90	87	8 933	30,869	87,223	2,826	2,357
41	38	97 071	7 340,975	103 420,897	14,088	13,619	91	88	6 572	21,324	56,354	2,643	2,174
42	39	96 876	6 879,120	96 079,922	13,967	13,498	92	89	4 658	14,191	35,030	2,469	2,000
43	40	96 676	6 445,934	89 200,802	13,838	13,370	93	90	3 149	9,009	20,840	2,313	1,845
44	41	96 461	6 039,042	82 754,868	13,703	13,235	94	91	2 028	5,447	11,831	2,172	1,703
45	42	96 223	5 656,482	76 715,825	13,562	13,094	95	92	1 235	3,115	6,384	2,049	1,581
46	43	95 965	5 296,992	71 059,343	13,415	12,946	96	93	711	1,684	3,269	1,941	1,472
47	44	95 681	4 958,996	65 762,352	13,261	12,792	97	94	385	0,857	1,585	1,850	1,381
48	45	95 368	4 641,083	60 803,356	13,101	12,632	98	95	198	0,414	0,728	1,760	1,292
49	46	95 015	4 341,713	56 162,272	12,936	12,467	99	96	96	0,188	0,314	1,676	1,207
							100	97	43	0,079	0,127	1,613	1,144

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	4 064,753	52 085,524	12,814	12,345
1							51	47	94 320	3 799,900	48 020,771	12,637	12,169
2							52	48	93 860	3 550,596	44 220,871	12,454	11,986
3							53	49	93 343	3 315,533	40 670,275	12,267	11,798
4	0	99 612	77 430,905	1 241 943,051	16,039	15,571	54	50	92 765	3 093,905	37 354,741	12,074	11,605
5	1	99 313	72 486,549	1 164 512,146	16,065	15,596	55	51	92 131	2 885,196	34 260,837	11,875	11,406
6	2	99 282	68 041,165	1 092 025,597	16,049	15,581	56	52	91 416	2 688,104	31 375,641	11,672	11,203
7	3	99 260	63 874,271	1 023 984,431	16,031	15,563	57	53	90 637	2 502,526	28 687,537	11,463	10,995
8	4	99 240	59 964,034	960 110,160	16,011	15,543	58	54	89 773	2 327,395	26 185,011	11,251	10,782
9	5	99 224	56 294,787	900 146,126	15,990	15,521	59	55	88 835	2 162,495	23 857,616	11,032	10,564
10	6	99 209	52 851,121	843 851,340	15,967	15,498	60	56	87 789	2 006,603	21 695,121	10,812	10,343
11	7	99 194	49 618,147	791 000,219	15,942	15,473	61	57	86 656	1 859,822	19 688,518	10,586	10,117
12	8	99 183	46 584,370	741 382,072	15,915	15,446	62	58	85 416	1 721,323	17 828,696	10,358	9,889
13	9	99 167	43 734,168	694 797,702	15,887	15,418	63	59	84 060	1 590,603	16 107,373	10,127	9,658
14	10	99 152	41 058,948	651 063,534	15,857	15,388	64	60	82 586	1 467,344	14 516,770	9,893	9,424
15	11	99 134	38 546,097	610 004,585	15,825	15,357	65	61	81 001	1 351,351	13 049,426	9,657	9,188
16	12	99 111	36 185,110	571 458,488	15,793	15,324	66	62	79 312	1 242,415	11 698,075	9,416	8,947
17	13	99 082	33 966,713	535 273,378	15,759	15,290	67	63	77 503	1 139,967	10 455,660	9,172	8,703
18	14	99 048	31 882,603	501 306,664	15,724	15,255	68	64	75 587	1 043,934	9 315,693	8,924	8,455
19	15	99 001	29 922,400	469 424,061	15,688	15,219	69	65	73 553	953,850	8 271,759	8,672	8,203
20	16	98 949	28 081,562	439 501,661	15,651	15,182	70	66	71 426	869,725	7 317,910	8,414	7,945
21	17	98 896	26 353,414	411 420,099	15,612	15,143	71	67	69 206	791,269	6 448,184	8,149	7,680
22	18	98 843	24 731,774	385 066,685	15,570	15,101	72	68	66 849	717,668	5 656,916	7,882	7,414
23	19	98 786	23 208,820	360 334,911	15,526	15,057	73	69	64 428	649,460	4 939,248	7,605	7,136
24	20	98 728	21 779,582	337 126,091	15,479	15,010	74	70	61 848	585,402	4 289,788	7,328	6,859
25	21	98 667	20 437,598	315 346,510	15,430	14,961	75	71	59 167	525,848	3 704,386	7,045	6,576
26	22	98 606	19 178,500	294 908,912	15,377	14,908	76	72	56 352	470,261	3 178,538	6,759	6,290
27	23	98 546	17 997,026	275 730,412	15,321	14,852	77	73	53 431	418,671	2 708,277	6,469	6,000
28	24	98 486	16 888,253	257 733,386	15,261	14,792	78	74	50 422	370,977	2 289,605	6,172	5,703
29	25	98 424	15 847,576	240 845,133	15,198	14,729	79	75	47 290	326,704	1 918,629	5,873	5,404
30	26	98 356	14 870,121	224 997,557	15,131	14,662	80	76	44 046	285,721	1 591,925	5,572	5,103
31	27	98 287	13 952,694	210 127,436	15,060	14,591	81	77	40 668	247,705	1 306,204	5,273	4,804
32	28	98 210	13 090,859	196 174,742	14,986	14,517	82	78	37 226	212,899	1 058,499	4,972	4,503
33	29	98 127	12 281,454	183 083,883	14,907	14,439	83	79	33 700	180,970	845,600	4,673	4,204
34	30	98 034	11 520,953	170 802,429	14,825	14,357	84	80	30 081	151,679	664,631	4,382	3,913
35	31	97 937	10 807,137	159 281,476	14,739	14,270	85	81	26 421	125,092	512,951	4,101	3,632
36	32	97 832	10 136,620	148 474,339	14,647	14,179	86	82	22 769	101,224	387,860	3,832	3,363
37	33	97 712	9 506,353	138 337,719	14,552	14,083	87	83	19 211	80,192	286,636	3,574	3,106
38	34	97 581	8 914,126	128 831,366	14,452	13,984	88	84	15 808	61,962	206,444	3,332	2,863
39	35	97 444	8 358,375	119 917,240	14,347	13,878	89	85	12 628	46,476	144,483	3,109	2,640
40	36	97 286	7 835,517	111 558,865	14,238	13,769	90	86	9 765	33,746	98,006	2,904	2,435
41	37	97 120	7 344,684	103 723,348	14,122	13,653	91	87	7 295	23,669	64,260	2,715	2,246
42	38	96 930	6 882,934	96 378,665	14,003	13,534	92	88	5 253	16,004	40,591	2,536	2,068
43	39	96 739	6 450,131	89 495,730	13,875	13,406	93	89	3 615	10,341	24,587	2,378	1,909
44	40	96 522	6 042,868	83 045,599	13,743	13,274	94	90	2 378	6,387	14,246	2,230	1,762
45	41	96 294	5 660,631	77 002,731	13,603	13,134	95	91	1 481	3,734	7,859	2,105	1,636
46	42	96 042	5 301,269	71 342,100	13,458	12,989	96	92	876	2,074	4,125	1,989	1,520
47	43	95 767	4 963,442	66 040,831	13,305	12,837	97	93	487	1,084	2,051	1,892	1,423
48	44	95 458	4 645,477	61 077,390	13,148	12,679	98	94	257	0,537	0,967	1,802	1,333
49	45	95 117	4 346,388	56 431,912	12,984	12,515	99	95	128	0,252	0,430	1,710	1,242
							100	96	59	0,109	0,179	1,638	1,169

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	4 069,130	52 328,233	12,860	12,391
1							51	46	94 431	3 804,405	48 259,103	12,685	12,216
2							52	47	93 982	3 555,216	44 454,697	12,504	12,035
3							53	48	93 485	3 320,571	40 899,482	12,317	11,848
4							54	49	92 922	3 099,124	37 578,911	12,126	11,657
5	0	99 601	72 696,779	1 165 126,702	16,027	15,558	55	50	92 301	2 890,525	34 479,787	11,929	11,460
6	1	99 304	68 056,302	1 092 429,923	16,052	15,583	56	51	91 607	2 693,698	31 589,262	11,727	11,258
7	2	99 273	63 882,666	1 024 373,621	16,035	15,566	57	52	90 837	2 508,055	28 895,564	11,521	11,052
8	3	99 250	59 970,013	960 490,955	16,016	15,547	58	53	89 996	2 333,178	26 387,509	11,310	10,841
9	4	99 233	56 299,969	900 520,942	15,995	15,526	59	54	89 080	2 168,468	24 054,331	11,093	10,624
10	5	99 216	52 854,712	844 220,973	15,972	15,504	60	55	88 063	2 012,867	21 885,864	10,873	10,404
11	6	99 201	49 621,770	791 366,262	15,948	15,479	61	56	86 950	1 866,132	19 872,996	10,649	10,181
12	7	99 187	46 586,589	741 744,492	15,922	15,453	62	57	85 738	1 727,813	18 006,864	10,427	9,953
13	8	99 174	43 737,320	695 157,903	15,894	15,425	63	58	84 412	1 597,269	16 279,050	10,192	9,723
14	9	99 157	41 061,131	651 420,582	15,865	15,396	64	59	82 971	1 474,176	14 681,781	9,959	9,491
15	10	99 140	38 548,240	610 359,452	15,834	15,365	65	60	81 419	1 358,315	13 207,605	9,724	9,255
16	11	99 119	36 187,893	571 811,211	15,801	15,332	66	61	79 758	1 249,395	11 849,290	9,484	9,015
17	12	99 089	33 968,860	535 623,318	15,768	15,299	67	62	77 980	1 146,989	10 599,896	9,241	8,773
18	13	99 056	31 885,123	501 654,458	15,733	15,264	68	63	76 101	1 051,039	9 452,907	8,994	8,525
19	14	99 010	29 925,161	469 769,334	15,698	15,229	69	64	74 102	960,969	8 401,868	8,743	8,274
20	15	98 961	28 084,813	439 844,173	15,661	15,193	70	65	72 003	876,751	7 440,899	8,487	8,018
21	16	98 909	26 356,783	411 759,360	15,623	15,154	71	66	69 818	798,260	6 564,148	8,223	7,754
22	17	98 856	24 734,981	385 402,577	15,581	15,113	72	67	67 481	724,447	5 765,888	7,959	7,490
23	18	98 802	23 212,588	360 667,596	15,538	15,069	73	68	65 092	656,155	5 041,440	7,683	7,215
24	19	98 744	21 783,162	337 455,008	15,492	15,023	74	69	62 570	592,240	4 385,285	7,405	6,936
25	20	98 683	20 440,944	315 671,846	15,443	14,974	75	70	59 919	532,532	3 793,045	7,123	6,654
26	21	98 623	19 181,757	295 230,902	15,391	14,922	76	71	57 141	476,849	3 260,513	6,838	6,369
27	22	98 563	18 000,046	276 049,146	15,336	14,867	77	72	54 242	425,025	2 783,664	6,549	6,081
28	23	98 502	16 891,016	258 049,100	15,277	14,809	78	73	51 280	377,291	2 358,640	6,252	5,783
29	24	98 440	15 850,180	241 158,084	15,215	14,746	79	74	48 167	332,757	1 981,349	5,954	5,486
30	25	98 376	14 873,012	225 307,904	15,149	14,680	80	75	44 951	291,587	1 648,592	5,654	5,185
31	26	98 304	13 955,181	210 434,892	15,079	14,611	81	76	41 589	253,316	1 357,004	5,357	4,888
32	27	98 231	13 093,606	196 479,711	15,006	14,537	82	77	38 138	218,120	1 103,688	5,060	4,591
33	28	98 150	12 284,378	183 386,105	14,928	14,460	83	78	34 642	186,031	885,568	4,760	4,292
34	29	98 058	11 523,797	171 101,728	14,848	14,379	84	79	31 037	156,501	699,537	4,470	4,001
35	30	97 965	10 810,194	159 577,931	14,762	14,293	85	80	27 386	129,664	543,036	4,188	3,719
36	31	97 863	10 139,885	148 767,737	14,672	14,203	86	81	23 728	105,487	413,372	3,919	3,450
37	32	97 745	9 509,548	138 627,852	14,578	14,109	87	82	20 158	84,147	307,885	3,659	3,190
38	33	97 615	8 917,249	129 118,304	14,480	14,011	88	83	16 732	65,581	223,739	3,412	2,943
39	34	97 482	8 361,567	120 201,055	14,375	13,907	89	84	13 489	49,643	158,157	3,186	2,717
40	35	97 332	7 839,177	111 839,488	14,267	13,798	90	85	10 542	36,431	108,514	2,979	2,510
41	36	97 166	7 348,188	104 000,311	14,153	13,684	91	86	7 975	25,876	72,083	2,786	2,317
42	37	96 979	6 886,412	96 652,123	14,035	13,566	92	87	5 831	17,764	46,207	2,601	2,132
43	38	96 793	6 453,707	89 765,712	13,909	13,440	93	88	4 077	11,662	28,443	2,439	1,970
44	39	96 585	6 046,803	83 312,005	13,778	13,309	94	89	2 729	7,331	16,781	2,289	1,820
45	40	96 355	5 664,217	77 265,202	13,641	13,172	95	90	1 736	4,379	9,449	2,158	1,689
46	41	96 113	5 305,157	71 600,985	13,496	13,028	96	91	1 050	2,486	5,071	2,039	1,571
47	42	95 844	4 967,450	66 295,828	13,346	12,877	97	92	600	1,335	2,584	1,936	1,468
48	43	95 543	4 649,642	61 328,378	13,190	12,721	98	93	325	0,679	1,250	1,841	1,372
49	44	95 207	4 350,503	56 678,736	13,028	12,559	99	94	167	0,327	0,571	1,748	1,280
							100	95	79	0,146	0,244	1,670	1,201

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	4 072,983	52 550,253	12,902	12,433
1							51	45	94 533	3 808,502	48 477,271	12,729	12,260
2							52	46	94 094	3 559,431	44 668,769	12,549	12,081
3							53	47	93 607	3 324,891	41 109,338	12,364	11,895
4							54	48	93 063	3 103,833	37 784,447	12,173	11,705
5							55	49	92 456	2 895,401	34 680,614	11,978	11,509
6	0	99 592	68 253,683	1 092 997,113	16,014	15,545	56	50	91 776	2 698,674	31 785,213	11,778	11,309
7	1	99 295	63 896,877	1 024 743,430	16,037	15,569	57	51	91 026	2 513,274	29 086,539	11,573	11,104
8	2	99 263	59 977,894	960 846,553	16,020	15,551	58	52	90 195	2 338,332	26 573,265	11,364	10,895
9	3	99 243	56 305,583	900 868,658	16,000	15,531	59	53	89 301	2 173,856	24 234,933	11,148	10,680
10	4	99 225	52 859,577	844 563,076	15,977	15,509	60	54	88 306	2 018,427	22 061,077	10,930	10,461
11	5	99 208	49 625,141	791 703,498	15,954	15,485	61	55	87 221	1 871,959	20 042,650	10,707	10,238
12	6	99 195	46 589,991	742 078,357	15,928	15,459	62	56	86 029	1 733,676	18 170,691	10,481	10,012
13	7	99 179	43 739,404	695 488,366	15,901	15,432	63	57	84 730	1 603,292	16 437,016	10,252	9,783
14	8	99 165	41 064,090	651 748,962	15,872	15,403	64	58	83 318	1 480,354	14 833,724	10,020	9,552
15	9	99 145	38 550,289	610 684,872	15,841	15,373	65	59	81 798	1 364,639	13 353,370	9,785	9,317
16	10	99 125	36 189,991	572 134,582	15,809	15,340	66	60	80 169	1 255,833	11 988,730	9,546	9,078
17	11	99 096	33 971,473	535 944,677	15,776	15,308	67	61	78 418	1 153,432	10 732,898	9,305	8,836
18	12	99 062	31 887,139	501 973,204	15,742	15,273	68	62	76 570	1 057,513	9 579,465	9,058	8,590
19	13	99 018	29 927,526	470 086,066	15,707	15,239	69	63	74 607	967,510	8 521,952	8,808	8,339
20	14	98 970	28 087,404	440 158,539	15,671	15,202	70	64	72 540	883,295	7 554,443	8,553	8,084
21	15	98 920	26 359,835	412 071,135	15,633	15,164	71	65	70 382	804,709	6 671,147	8,290	7,821
22	16	98 869	24 738,144	385 711,300	15,592	15,123	72	66	68 077	730,848	5 866,439	8,027	7,558
23	17	98 815	23 215,598	360 973,157	15,549	15,080	73	67	65 707	662,353	5 135,591	7,754	7,285
24	18	98 760	21 786,698	337 757,559	15,503	15,034	74	68	63 215	598,346	4 473,237	7,476	7,007
25	19	98 699	20 444,304	315 970,861	15,455	14,986	75	69	60 619	538,753	3 874,892	7,192	6,724
26	20	98 639	19 184,897	295 526,556	15,404	14,935	76	70	57 868	482,910	3 336,139	6,908	6,440
27	21	98 580	18 003,103	276 341,659	15,350	14,881	77	71	55 002	430,978	2 853,229	6,620	6,152
28	22	98 518	16 893,804	258 338,557	15,292	14,823	78	72	52 058	383,016	2 422,251	6,324	5,855
29	23	98 456	15 852,773	241 444,707	15,230	14,762	79	73	48 986	338,421	2 039,234	6,026	5,557
30	24	98 392	14 875,456	225 591,934	15,165	14,697	80	74	45 784	296,990	1 700,813	5,727	5,258
31	25	98 324	13 957,895	210 716,478	15,097	14,628	81	75	42 443	258,517	1 403,823	5,430	4,962
32	26	98 248	13 095,940	196 758,583	15,024	14,556	82	76	39 002	223,061	1 145,306	5,135	4,666
33	27	98 171	12 286,955	183 662,643	14,948	14,479	83	77	35 492	190,594	922,245	4,839	4,370
34	28	98 081	11 526,540	171 375,689	14,868	14,399	84	78	31 905	160,878	731,651	4,548	4,079
35	29	97 989	10 812,862	159 849,149	14,783	14,314	85	79	28 257	133,786	570,773	4,266	3,798
36	30	97 891	10 142,753	149 036,287	14,694	14,225	86	80	24 595	109,343	436,988	3,997	3,528
37	31	97 777	9 512,611	138 893,533	14,601	14,132	87	81	21 007	87,691	327,645	3,736	3,268
38	32	97 648	8 920,245	129 380,923	14,504	14,035	88	82	17 557	68,816	239,955	3,487	3,018
39	33	97 516	8 364,497	120 460,677	14,401	13,933	89	83	14 277	52,543	171,139	3,257	2,788
40	34	97 369	7 842,171	112 096,181	14,294	13,825	90	84	11 261	38,913	118,595	3,048	2,579
41	35	97 211	7 351,620	104 254,009	14,181	13,712	91	85	8 609	27,934	79,682	2,852	2,384
42	36	97 025	6 889,697	96 902,389	14,065	13,596	92	86	6 374	19,421	51,748	2,665	2,196
43	37	96 842	6 456,967	90 012,692	13,940	13,472	93	87	4 525	12,945	32,327	2,497	2,029
44	38	96 638	6 050,155	83 555,725	13,811	13,342	94	88	3 078	8,268	19,382	2,344	1,875
45	39	96 417	5 667,905	77 505,570	13,674	13,206	95	89	1 993	5,026	11,114	2,211	1,743
46	40	96 173	5 308,518	71 837,665	13,533	13,064	96	90	1 231	2,915	6,088	2,088	1,620
47	41	95 914	4 971,093	66 529,147	13,383	12,914	97	91	720	1,600	3,173	1,983	1,514
48	42	95 621	4 653,397	61 558,053	13,229	12,760	98	92	400	0,836	1,573	1,881	1,413
49	43	95 293	4 354,403	56 904,657	13,068	12,600	99	93	211	0,413	0,737	1,784	1,315
							100	94	103	0,190	0,324	1,705	1,237

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	4 076,634	52 753,361	12,940	12,472
1							51	44	94 623	3 812,108	48 676,726	12,769	12,300
2							52	45	94 195	3 563,263	44 864,619	12,591	12,122
3							53	46	93 718	3 328,833	41 301,355	12,407	11,938
4							54	47	93 184	3 107,871	37 972,522	12,218	11,749
5							55	48	92 597	2 899,801	34 864,651	12,023	11,554
6							56	49	91 931	2 703,226	31 964,850	11,825	11,356
7	0	99 583	64 082,195	1 025 266,867	15,999	15,531	57	50	91 195	2 517,916	29 261,624	11,621	11,153
8	1	99 285	59 991,237	961 184,673	16,022	15,553	58	51	90 383	2 343,198	26 743,708	11,413	10,945
9	2	99 256	56 312,982	901 193,436	16,003	15,535	59	52	89 499	2 178,658	24 400,510	11,200	10,731
10	3	99 235	52 864,848	844 880,453	15,982	15,513	60	53	88 525	2 023,442	22 221,851	10,982	10,513
11	4	99 217	49 629,710	792 015,605	15,958	15,490	61	54	87 462	1 877,129	20 198,409	10,760	10,292
12	5	99 201	46 593,157	742 385,895	15,933	15,465	62	55	86 297	1 739,088	18 321,280	10,535	10,066
13	6	99 186	43 742,598	695 792,739	15,907	15,438	63	56	85 018	1 608,732	16 582,192	10,308	9,839
14	7	99 169	41 066,046	652 050,141	15,878	15,409	64	57	83 632	1 485,936	14 973,460	10,077	9,608
15	8	99 152	38 553,068	610 984,095	15,848	15,379	65	58	82 141	1 370,359	13 487,524	9,842	9,374
16	9	99 130	36 191,829	572 431,027	15,817	15,348	66	59	80 542	1 261,680	12 117,166	9,604	9,135
17	10	99 102	33 973,361	536 239,198	15,784	15,315	67	60	78 822	1 159,376	10 855,485	9,363	8,894
18	11	99 070	31 889,591	502 265,837	15,750	15,281	68	61	77 000	1 063,453	9 696,109	9,118	8,649
19	12	99 024	29 929,418	470 376,246	15,716	15,247	69	62	75 066	973,469	8 632,656	8,868	8,399
20	13	98 978	28 089,624	440 446,828	15,680	15,211	70	63	73 034	889,307	7 659,186	8,613	8,144
21	14	98 929	26 362,267	412 357,204	15,642	15,173	71	64	70 907	810,715	6 769,879	8,351	7,882
22	15	98 880	24 741,008	385 994,937	15,601	15,133	72	65	68 627	736,752	5 959,164	8,088	7,620
23	16	98 827	23 218,566	361 253,929	15,559	15,090	73	66	66 287	668,205	5 222,412	7,816	7,347
24	17	98 773	21 789,524	338 035,363	15,514	15,045	74	67	63 813	603,998	4 554,207	7,540	7,071
25	18	98 715	20 447,623	316 245,839	15,466	14,997	75	68	61 244	544,307	3 950,209	7,257	6,789
26	19	98 655	19 188,051	295 798,216	15,416	14,947	76	69	58 544	488,551	3 405,902	6,971	6,503
27	20	98 596	18 006,050	276 610,165	15,362	14,893	77	70	55 701	436,457	2 917,351	6,684	6,215
28	21	98 535	16 896,719	258 604,115	15,305	14,836	78	71	52 787	388,381	2 480,895	6,388	5,919
29	22	98 473	15 855,433	241 707,396	15,244	14,776	79	72	49 730	343,556	2 092,513	6,091	5,622
30	23	98 408	14 877,889	225 851,963	15,180	14,712	80	73	46 563	302,045	1 748,957	5,790	5,322
31	24	98 340	13 960,188	210 974,074	15,113	14,644	81	74	43 230	263,308	1 446,911	5,495	5,026
32	25	98 267	13 098,486	197 013,886	15,041	14,572	82	75	39 803	227,641	1 183,604	5,199	4,731
33	26	98 188	12 289,145	183 915,400	14,966	14,497	83	76	36 296	194,911	955,963	4,905	4,436
34	27	98 102	11 528,958	171 626,255	14,887	14,418	84	77	32 688	164,824	761,052	4,617	4,149
35	28	98 012	10 815,436	160 097,297	14,803	14,334	85	78	29 047	137,527	596,229	4,335	3,867
36	29	97 915	10 145,257	149 281,860	14,714	14,246	86	79	25 377	112,818	458,701	4,066	3,597
37	30	97 804	9 515,302	139 136,603	14,622	14,154	87	80	21 775	90,896	345,883	3,805	3,337
38	31	97 679	8 923,119	129 621,302	14,526	14,058	88	81	18 297	71,714	254,987	3,556	3,087
39	32	97 548	8 367,307	120 698,183	14,425	13,956	89	82	14 981	55,135	183,273	3,324	2,855
40	33	97 403	7 844,919	112 330,876	14,319	13,850	90	83	11 918	41,187	128,138	3,111	2,642
41	34	97 248	7 354,428	104 485,957	14,207	13,738	91	84	9 196	29,838	86,952	2,914	2,445
42	35	97 070	6 892,915	97 131,529	14,092	13,623	92	85	6 881	20,966	57,114	2,724	2,255
43	36	96 888	6 460,048	90 238,613	13,969	13,500	93	86	4 947	14,152	36,148	2,554	2,086
44	37	96 687	6 053,212	83 778,566	13,840	13,372	94	87	3 417	9,178	21,997	2,397	1,928
45	38	96 471	5 671,047	77 725,354	13,706	13,237	95	88	2 247	5,668	12,819	2,262	1,793
46	39	96 236	5 311,974	72 054,307	13,565	13,096	96	89	1 413	3,346	7,151	2,137	1,668
47	40	95 975	4 974,242	66 742,332	13,418	12,949	97	90	844	1,876	3,805	2,028	1,559
48	41	95 691	4 656,810	61 768,090	13,264	12,795	98	91	480	1,002	1,928	1,924	1,455
49	42	95 370	4 357,920	57 111,280	13,105	12,636	99	92	259	0,509	0,926	1,821	1,352
							100	93	130	0,240	0,417	1,738	1,269

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	4 079,926	52 939,035	12,975	12,507
1							51	43	94 707	3 815,525	48 859,109	12,805	12,337
2							52	44	94 284	3 566,637	45 043,583	12,629	12,160
3							53	45	93 819	3 332,418	41 476,946	12,447	11,978
4							54	46	93 295	3 111,556	38 144,529	12,259	11,790
5							55	47	92 717	2 903,574	35 032,973	12,065	11,597
6							56	48	92 070	2 707,334	32 129,399	11,868	11,399
7							57	49	91 348	2 522,164	29 422,066	11,665	11,197
8	0	99 573	60 165,227	961 667,723	15,984	15,515	58	50	90 550	2 347,527	26 899,902	11,459	10,990
9	1	99 278	56 325,510	901 502,496	16,005	15,536	59	51	89 685	2 183,192	24 552,375	11,246	10,777
10	2	99 248	52 871,796	845 176,986	15,985	15,517	60	52	88 721	2 027,912	22 369,183	11,031	10,562
11	3	99 227	49 634,659	792 305,190	15,963	15,494	61	53	87 679	1 881,793	20 341,271	10,810	10,341
12	4	99 210	46 597,446	742 670,532	15,938	15,469	62	54	86 536	1 743,892	18 459,478	10,585	10,116
13	5	99 193	43 745,570	696 073,086	15,912	15,443	63	55	85 283	1 613,754	16 715,586	10,358	9,889
14	6	99 177	41 069,045	652 327,516	15,884	15,415	64	56	83 916	1 490,978	15 101,832	10,129	9,660
15	7	99 157	38 554,904	611 258,471	15,854	15,385	65	57	82 450	1 375,525	13 610,854	9,895	9,426
16	8	99 137	36 194,437	572 703,567	15,823	15,354	66	58	80 880	1 266,968	12 235,329	9,657	9,188
17	9	99 107	33 975,167	536 509,130	15,791	15,322	67	59	79 189	1 164,774	10 968,361	9,417	8,948
18	10	99 075	31 891,364	502 533,963	15,758	15,289	68	60	77 397	1 068,934	9 803,587	9,171	8,703
19	11	99 032	29 931,720	470 642,599	15,724	15,255	69	61	75 488	978,938	8 734,653	8,923	8,454
20	12	98 984	28 091,400	440 710,879	15,688	15,220	70	62	73 484	894,785	7 755,715	8,668	8,199
21	13	98 937	26 364,351	412 619,479	15,651	15,182	71	63	71 390	816,233	6 860,930	8,406	7,937
22	14	98 889	24 743,291	386 255,129	15,610	15,142	72	64	69 139	742,251	6 044,697	8,144	7,675
23	15	98 839	23 221,254	361 511,838	15,568	15,099	73	65	66 823	673,603	5 302,446	7,872	7,403
24	16	98 786	21 792,309	338 290,584	15,523	15,055	74	66	64 376	609,334	4 628,843	7,597	7,128
25	17	98 728	20 450,275	316 498,274	15,476	15,008	75	67	61 823	549,449	4 019,508	7,316	6,847
26	18	98 671	19 191,166	296 048,000	15,426	14,958	76	68	59 147	493,587	3 470,060	7,030	6,562
27	19	98 612	18 009,010	276 856,833	15,373	14,904	77	69	56 351	441,555	2 976,472	6,741	6,272
28	20	98 551	16 899,485	258 847,824	15,317	14,848	78	70	53 458	393,318	2 534,917	6,445	5,976
29	21	98 490	15 858,126	241 948,338	15,257	14,788	79	71	50 426	348,369	2 141,599	6,148	5,679
30	22	98 424	14 880,386	226 090,213	15,194	14,725	80	72	47 270	306,629	1 793,230	5,848	5,379
31	23	98 356	13 962,472	211 209,827	15,127	14,658	81	73	43 965	267,789	1 486,601	5,551	5,083
32	24	98 283	13 100,638	197 247,355	15,056	14,588	82	74	40 541	231,859	1 218,812	5,257	4,788
33	25	98 207	12 291,535	184 146,717	14,982	14,513	83	75	37 041	198,913	986,953	4,962	4,493
34	26	98 119	11 531,013	171 855,182	14,904	14,435	84	76	33 428	168,557	788,040	4,675	4,206
35	27	98 033	10 817,705	160 324,169	14,821	14,352	85	77	29 760	140,900	619,483	4,397	3,928
36	28	97 938	10 147,672	149 506,464	14,733	14,264	86	78	26 087	115,974	478,583	4,127	3,658
37	29	97 828	9 517,650	139 358,792	14,642	14,173	87	79	22 467	93,785	362,609	3,866	3,398
38	30	97 707	8 925,643	129 841,141	14,547	14,078	88	80	18 965	74,336	268,824	3,616	3,148
39	31	97 580	8 370,002	120 915,499	14,446	13,978	89	81	15 612	57,457	194,489	3,385	2,916
40	32	97 436	7 847,555	112 545,496	14,341	13,873	90	82	12 506	43,218	137,032	3,171	2,702
41	33	97 283	7 357,005	104 697,941	14,231	13,762	91	83	9 733	31,581	93,814	2,971	2,502
42	34	97 107	6 895,548	97 340,936	14,116	13,648	92	84	7 350	22,394	62,233	2,779	2,310
43	35	96 933	6 463,066	90 445,388	13,994	13,525	93	85	5 340	15,278	39,839	2,608	2,139
44	36	96 733	6 056,099	83 982,323	13,867	13,399	94	86	3 735	10,033	24,561	2,448	1,979
45	37	96 519	5 673,912	77 926,223	13,734	13,265	95	87	2 494	6,292	14,528	2,309	1,840
46	38	96 289	5 314,919	72 252,311	13,594	13,126	96	88	1 593	3,774	8,237	2,183	1,714
47	39	96 038	4 977,481	66 937,392	13,448	12,979	97	89	968	2,154	4,463	2,072	1,603
48	40	95 751	4 659,760	61 959,911	13,297	12,828	98	90	563	1,175	2,309	1,965	1,496
49	41	95 440	4 361,116	57 300,151	13,139	12,670	99	91	311	0,610	1,134	1,859	1,391
							100	92	161	0,296	0,524	1,772	1,303

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	4 082,919	53 108,691	13,008	12,539
1							51	42	94 784	3 818,606	49 025,773	12,839	12,370
2							52	43	94 369	3 569,834	45 207,166	12,664	12,195
3							53	44	93 907	3 335,573	41 637,332	12,483	12,014
4							54	45	93 395	3 114,906	38 301,759	12,296	11,828
5							55	46	92 827	2 907,016	35 186,853	12,104	11,635
6							56	47	92 190	2 710,856	32 279,837	11,908	11,439
7							57	48	91 487	2 525,996	29 568,981	11,706	11,237
8							58	49	90 703	2 351,487	27 042,985	11,500	11,032
9	0	99 566	56 488,869	901 948,287	15,967	15,498	59	50	89 850	2 187,225	24 691,498	11,289	10,820
10	1	99 270	52 883,558	845 459,418	15,987	15,518	60	51	88 905	2 032,132	22 504,273	11,074	10,605
11	2	99 240	49 641,182	792 575,861	15,966	15,497	61	52	87 873	1 885,950	20 472,141	10,855	10,386
12	3	99 220	46 602,092	742 934,679	15,942	15,473	62	53	86 751	1 748,225	18 586,190	10,631	10,163
13	4	99 202	43 749,597	696 332,587	15,916	15,448	63	54	85 519	1 618,211	16 837,966	10,405	9,937
14	5	99 183	41 071,835	652 582,990	15,889	15,420	64	55	84 178	1 495,633	15 219,754	10,176	9,707
15	6	99 164	38 557,719	611 511,154	15,860	15,391	65	56	82 730	1 380,193	13 724,122	9,944	9,475
16	7	99 142	36 196,161	572 953,435	15,829	15,360	66	57	81 185	1 271,745	12 343,929	9,706	9,238
17	8	99 114	33 977,616	536 757,274	15,797	15,329	67	58	79 521	1 169,656	11 072,184	9,466	8,997
18	9	99 081	31 893,059	502 779,658	15,765	15,296	68	59	77 757	1 073,911	9 902,528	9,221	8,752
19	10	99 037	29 933,384	470 886,599	15,731	15,262	69	60	75 877	983,983	8 828,617	8,972	8,504
20	11	98 992	28 093,560	440 953,215	15,696	15,227	70	61	73 897	899,811	7 844,635	8,718	8,249
21	12	98 943	26 366,017	412 859,655	15,659	15,190	71	62	71 830	821,261	6 944,823	8,456	7,988
22	13	98 897	24 745,246	386 493,638	15,619	15,150	72	63	69 610	747,303	6 123,563	8,194	7,725
23	14	98 848	23 223,397	361 748,391	15,577	15,108	73	64	67 322	678,631	5 376,260	7,922	7,453
24	15	98 797	21 794,833	338 524,995	15,532	15,064	74	65	64 896	614,257	4 697,628	7,648	7,179
25	16	98 740	20 452,889	316 730,162	15,486	15,017	75	66	62 369	554,303	4 083,372	7,367	6,898
26	17	98 684	19 193,655	296 277,273	15,436	14,967	76	67	59 706	498,250	3 529,069	7,083	6,614
27	18	98 628	18 011,934	277 083,618	15,383	14,915	77	68	56 932	446,107	3 030,818	6,794	6,325
28	19	98 568	16 902,263	259 071,684	15,328	14,859	78	69	54 083	397,913	2 584,712	6,496	6,027
29	20	98 506	15 860,722	242 169,421	15,268	14,800	79	70	51 067	352,797	2 186,799	6,198	5,730
30	21	98 441	14 882,913	226 308,699	15,206	14,737	80	71	47 932	310,924	1 834,002	5,899	5,430
31	22	98 372	13 964,815	211 425,786	15,140	14,671	81	72	44 633	271,853	1 523,078	5,603	5,134
32	23	98 299	13 102,781	197 460,972	15,070	14,601	82	73	41 231	235,805	1 251,225	5,306	4,837
33	24	98 223	12 293,554	184 358,190	14,996	14,528	83	74	37 727	202,599	1 015,419	5,012	4,543
34	25	98 138	11 533,256	172 064,636	14,919	14,450	84	75	34 115	172,018	812,821	4,725	4,256
35	26	98 050	10 819,634	160 531,381	14,837	14,368	85	76	30 434	144,092	640,803	4,447	3,978
36	27	97 959	10 149,801	149 711,747	14,750	14,281	86	77	26 727	118,818	496,711	4,180	3,712
37	28	97 852	9 519,916	139 561,946	14,660	14,191	87	78	23 096	96,408	377,893	3,920	3,451
38	29	97 731	8 927,846	130 042,030	14,566	14,097	88	79	19 568	76,698	281,485	3,670	3,201
39	30	97 607	8 372,370	121 114,184	14,466	13,997	89	80	16 183	59,557	204,787	3,439	2,970
40	31	97 467	7 850,083	112 741,814	14,362	13,893	90	81	13 033	45,038	145,230	3,225	2,756
41	32	97 315	7 359,477	104 891,732	14,253	13,784	91	82	10 213	33,138	100,191	3,023	2,555
42	33	97 141	6 897,964	97 532,255	14,139	13,671	92	83	7 780	23,702	67,053	2,829	2,360
43	34	96 970	6 465,534	90 634,291	14,018	13,549	93	84	5 704	16,319	43,351	2,657	2,188
44	35	96 778	6 058,929	84 168,757	13,892	13,423	94	85	4 032	10,831	27,032	2,496	2,027
45	36	96 566	5 676,619	78 109,828	13,760	13,291	95	86	2 727	6,878	16,201	2,355	1,887
46	37	96 338	5 317,604	72 433,209	13,621	13,153	96	87	1 769	4,189	9,323	2,226	1,757
47	38	96 091	4 980,241	67 115,605	13,476	13,008	97	88	1 092	2,429	5,134	2,114	1,645
48	39	95 814	4 662,794	62 135,364	13,326	12,857	98	89	646	1,349	2,705	2,005	1,536
49	40	95 500	4 363,879	57 472,570	13,170	12,701	99	90	365	0,715	1,356	1,896	1,428
							100	91	193	0,355	0,641	1,807	1,339

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	40	95 220	4 085,505	53 263,514	13,037	12,568
							51	41	94 853	3 821,407	49 178,009	12,869	12,400
							52	42	94 445	3 572,717	45 356,602	12,695	12,227
							53	43	93 992	3 338,563	41 783,885	12,516	12,047
							54	44	93 483	3 117,855	38 445,322	12,331	11,862
							55	45	92 927	2 910,146	35 327,467	12,139	11,671
							56	46	92 299	2 714,070	32 417,320	11,944	11,475
							57	47	91 606	2 529,283	29 703,250	11,744	11,275
							58	48	90 840	2 355,060	27 173,968	11,539	11,070
							59	49	90 002	2 190,915	24 818,908	11,328	10,859
10	0	99 558	53 036,934	845 870,844	15,949	15,480	60	50	89 070	2 035,886	22 627,993	11,115	10,646
11	1	99 262	49 652,225	792 833,910	15,968	15,499	61	51	88 056	1 889,875	20 592,107	10,896	10,427
12	2	99 233	46 608,217	743 181,685	15,945	15,477	62	52	86 942	1 752,087	18 702,233	10,674	10,206
13	3	99 212	43 753,959	696 573,468	15,920	15,451	63	53	85 731	1 622,232	16 950,145	10,449	9,980
14	4	99 192	41 075,616	652 819,509	15,893	15,424	64	54	84 411	1 499,763	15 327,913	10,220	9,751
15	5	99 171	38 560,339	611 743,892	15,865	15,396	65	55	82 989	1 384,502	13 828,150	9,988	9,519
16	6	99 149	36 198,804	573 183,553	15,834	15,366	66	56	81 460	1 276,060	12 443,648	9,752	9,283
17	7	99 119	33 979,234	536 984,749	15,803	15,335	67	57	79 821	1 174,066	11 167,588	9,512	9,043
18	8	99 088	31 895,358	503 005,515	15,770	15,302	68	58	78 083	1 078,412	9 993,522	9,267	8,798
19	9	99 042	29 934,975	471 110,157	15,738	15,269	69	59	76 230	988,564	8 915,110	9,018	8,550
20	10	98 997	28 095,122	441 175,182	15,703	15,234	70	60	74 277	904,448	7 926,546	8,764	8,295
21	11	98 951	26 368,045	413 080,060	15,666	15,197	71	61	72 233	825,874	7 022,098	8,503	8,034
22	12	98 903	24 746,810	386 712,015	15,627	15,158	72	62	70 038	751,906	6 196,224	8,241	7,772
23	13	98 856	23 225,232	361 965,205	15,585	15,116	73	63	67 780	683,250	5 444,318	7,968	7,500
24	14	98 806	21 796,843	338 739,972	15,541	15,072	74	64	65 381	618,842	4 761,068	7,694	7,225
25	15	98 752	20 455,258	316 943,129	15,494	15,026	75	65	62 873	558,781	4 142,226	7,413	6,944
26	16	98 697	19 196,109	296 487,871	15,445	14,976	76	66	60 233	502,652	3 583,445	7,129	6,660
27	17	98 641	18 014,269	277 291,763	15,393	14,924	77	67	57 470	450,321	3 080,793	6,841	6,373
28	18	98 584	16 905,007	259 277,494	15,337	14,869	78	68	54 640	402,015	2 630,472	6,543	6,074
29	19	98 522	15 863,329	242 372,486	15,279	14,810	79	69	51 664	356,918	2 228,457	6,244	5,775
30	20	98 457	14 885,349	226 509,157	15,217	14,748	80	70	48 541	314,876	1 871,539	5,944	5,475
31	21	98 389	13 967,186	211 623,807	15,151	14,683	81	71	45 258	275,661	1 556,662	5,647	5,178
32	22	98 316	13 104,980	197 656,621	15,083	14,614	82	72	41 856	239,383	1 281,001	5,351	4,883
33	23	98 239	12 295,565	184 551,641	15,010	14,541	83	73	38 369	206,047	1 041,618	5,055	4,586
34	24	98 154	11 535,150	172 256,076	14,933	14,464	84	74	34 747	175,205	835,571	4,769	4,300
35	25	98 069	10 821,738	160 720,925	14,852	14,383	85	75	31 059	147,050	660,365	4,491	4,022
36	26	97 976	10 151,610	149 899,188	14,766	14,297	86	76	27 332	121,509	513,315	4,224	3,756
37	27	97 872	9 521,913	139 747,578	14,676	14,208	87	77	23 662	98,773	391,806	3,967	3,498
38	28	97 754	8 929,971	130 225,665	14,583	14,114	88	78	20 116	78,844	293,033	3,717	3,248
39	29	97 632	8 374,436	121 295,693	14,484	14,015	89	79	16 697	61,450	214,190	3,486	3,017
40	30	97 495	7 852,303	112 921,257	14,381	13,912	90	80	13 509	46,684	152,740	3,272	2,803
41	31	97 347	7 361,848	105 068,954	14,272	13,803	91	81	10 643	34,534	106,055	3,071	2,602
42	32	97 174	6 900,282	97 707,106	14,160	13,691	92	82	8 163	24,871	71,521	2,876	2,407
43	33	97 004	6 467,799	90 806,824	14,040	13,571	93	83	6 037	17,272	46,650	2,701	2,232
44	34	96 815	6 061,243	84 339,025	13,914	13,446	94	84	4 307	11,569	29,378	2,539	2,071
45	35	96 611	5 679,271	78 277,782	13,783	13,314	95	85	2 944	7,425	17,808	2,398	1,930
46	36	96 384	5 320,141	72 598,512	13,646	13,177	96	86	1 934	4,579	10,383	2,267	1,799
47	37	96 139	4 982,757	67 278,370	13,502	13,033	97	87	1 212	2,696	5,804	2,153	1,684
48	38	95 867	4 665,379	62 295,614	13,353	12,884	98	88	729	1,521	3,108	2,043	1,574
49	39	95 562	4 366,720	57 630,235	13,198	12,729	99	89	419	0,821	1,586	1,933	1,464
							100	90	226	0,416	0,766	1,841	1,373

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	39	95 282	4 088,165	53 405,055	13,063	12,595
1							51	40	94 914	3 823,828	49 316,890	12,897	12,429
2							52	41	94 514	3 575,338	45 493,062	12,724	12,255
3							53	42	94 067	3 341,259	41 917,724	12,545	12,077
4							54	43	93 567	3 120,651	38 576,466	12,362	11,893
5							55	44	93 015	2 912,901	35 455,815	12,172	11,703
6							56	45	92 399	2 716,993	32 542,914	11,978	11,509
7							57	46	91 715	2 532,281	29 825,921	11,778	11,310
8							58	47	90 959	2 358,124	27 293,640	11,574	11,106
9							59	48	90 139	2 194,243	24 935,516	11,364	10,895
10							60	49	89 220	2 039,320	22 741,273	11,151	10,683
11	0	99 550	49 796,229	793 213,646	15,929	15,460	61	50	88 219	1 893,366	20 701,952	10,934	10,465
12	1	99 255	46 618,585	743 417,417	15,947	15,478	62	51	87 123	1 755,733	18 808,586	10,713	10,244
13	2	99 225	43 759,710	696 798,832	15,923	15,455	63	52	85 920	1 625,816	17 052,853	10,489	10,020
14	3	99 202	41 079,712	653 039,122	15,897	15,428	64	53	84 620	1 503,490	15 427,037	10,261	9,792
15	4	99 180	38 563,889	611 959,410	15,869	15,400	65	54	83 218	1 388,326	13 923,547	10,029	9,560
16	5	99 156	36 201,264	573 395,521	15,839	15,370	66	55	81 714	1 280,044	12 535,222	9,793	9,324
17	6	99 126	33 981,715	537 194,257	15,808	15,340	67	56	80 092	1 178,050	11 255,178	9,554	9,085
18	7	99 093	31 896,877	503 212,542	15,776	15,307	68	57	78 378	1 082,478	10 077,128	9,309	8,841
19	8	99 050	29 937,132	471 315,665	15,744	15,275	69	58	76 550	992,707	8 994,650	9,061	8,592
20	9	99 003	28 096,615	441 378,532	15,709	15,241	70	59	74 623	908,660	8 001,943	8,806	8,338
21	10	98 956	26 369,511	413 281,917	15,673	15,204	71	60	72 605	830,130	7 093,283	8,545	8,076
22	11	98 911	24 748,714	386 912,406	15,634	15,165	72	61	70 432	756,130	6 263,153	8,283	7,814
23	12	98 862	23 226,700	362 163,692	15,593	15,124	73	62	68 197	687,459	5 507,023	8,011	7,542
24	13	98 814	21 798,566	338 936,992	15,549	15,080	74	63	65 826	623,053	4 819,565	7,735	7,267
25	14	98 761	20 457,145	317 138,426	15,503	15,034	75	64	63 342	562,952	4 196,511	7,454	6,986
26	15	98 708	19 198,331	296 681,281	15,453	14,985	76	65	60 720	506,713	3 633,559	7,171	6,702
27	16	98 653	18 016,572	277 482,950	15,402	14,933	77	66	57 978	454,300	3 126,846	6,883	6,414
28	17	98 596	16 907,199	259 466,377	15,347	14,878	78	67	55 156	405,812	2 672,547	6,586	6,117
29	18	98 538	15 865,905	242 559,178	15,288	14,819	79	68	52 197	360,598	2 266,734	6,286	5,817
30	19	98 473	14 887,797	226 693,273	15,227	14,758	80	69	49 108	318,554	1 906,136	5,984	5,515
31	20	98 405	13 969,473	211 805,477	15,162	14,693	81	70	45 833	279,165	1 587,582	5,687	5,218
32	21	98 333	13 107,206	197 836,004	15,094	14,625	82	71	42 443	242,737	1 308,417	5,390	4,922
33	22	98 256	12 297,629	184 728,798	15,021	14,553	83	72	38 952	209,174	1 065,680	5,095	4,626
34	23	98 170	11 537,037	172 431,170	14,946	14,477	84	73	35 338	178,187	856,506	4,807	4,338
35	24	98 085	10 823,516	160 894,132	14,865	14,396	85	74	31 634	149,775	678,319	4,529	4,060
36	25	97 995	10 153,584	150 070,617	14,780	14,311	86	75	27 893	124,004	528,544	4,262	3,794
37	26	97 890	9 523,611	139 917,033	14,692	14,223	87	76	24 198	101,010	404,540	4,005	3,536
38	27	97 775	8 931,845	130 393,422	14,599	14,130	88	77	20 609	80,777	303,530	3,758	3,289
39	28	97 655	8 376,430	121 461,578	14,500	14,032	89	78	17 164	63,169	222,753	3,526	3,058
40	29	97 519	7 854,241	113 085,148	14,398	13,929	90	79	13 939	48,168	159,584	3,313	2,844
41	30	97 374	7 363,930	105 230,906	14,290	13,821	91	80	11 032	35,796	111,416	3,112	2,644
42	31	97 205	6 902,505	97 866,976	14,178	13,710	92	81	8 507	25,919	75,619	2,918	2,449
43	32	97 037	6 469,973	90 964,472	14,059	13,591	93	82	6 335	18,124	49,700	2,742	2,274
44	33	96 849	6 063,366	84 494,499	13,935	13,467	94	83	4 559	12,245	31,577	2,579	2,110
45	34	96 648	5 681,440	78 431,133	13,805	13,336	95	84	3 145	7,931	19,331	2,437	1,969
46	35	96 429	5 322,627	72 749,693	13,668	13,199	96	85	2 087	4,944	11,400	2,306	1,837
47	36	96 185	4 985,134	67 427,066	13,526	13,057	97	86	1 325	2,947	6,456	2,191	1,722
48	37	95 915	4 667,736	62 441,932	13,377	12,909	98	87	809	1,689	3,509	2,078	1,609
49	38	95 615	4 369,141	57 774,197	13,223	12,754	99	88	472	0,926	1,820	1,967	1,498
							100	89	259	0,477	0,895	1,875	1,406

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	4 090,432	53 534,262	13,088	12,619
1							51	39	94 975	3 826,318	49 443,830	12,922	12,453
2							52	40	94 574	3 577,603	45 617,512	12,751	12,282
3							53	41	94 136	3 343,710	42 039,910	12,573	12,104
4							54	42	93 643	3 123,170	38 696,200	12,390	11,921
5							55	43	93 099	2 915,513	35 573,030	12,201	11,733
6							56	44	92 486	2 719,565	32 657,517	12,008	11,540
7							57	45	91 814	2 535,008	29 937,952	11,810	11,341
8							58	46	91 066	2 360,919	27 402,944	11,607	11,138
9							59	47	90 256	2 197,098	25 042,024	11,398	10,929
10							60	48	89 356	2 042,419	22 844,926	11,185	10,716
11							61	49	88 368	1 896,560	20 802,507	10,969	10,500
12	0	99 543	46 753,791	743 767,937	15,908	15,439	62	50	87 284	1 758,976	18 905,947	10,748	10,280
13	1	99 247	43 769,444	697 014,145	15,925	15,456	63	51	86 099	1 629,199	17 146,971	10,525	10,056
14	2	99 215	41 085,111	653 244,701	15,900	15,431	64	52	84 807	1 506,812	15 517,771	10,298	9,830
15	3	99 190	38 567,734	612 159,590	15,872	15,404	65	53	83 425	1 391,775	14 010,960	10,067	9,598
16	4	99 165	36 204,597	573 591,856	15,843	15,374	66	54	81 940	1 283,579	12 619,185	9,831	9,363
17	5	99 133	33 984,024	537 387,259	15,813	15,344	67	55	80 342	1 181,728	11 335,605	9,592	9,124
18	6	99 100	31 899,206	503 403,235	15,781	15,312	68	56	78 644	1 086,151	10 153,878	9,348	8,880
19	7	99 054	29 938,558	471 504,028	15,749	15,280	69	57	76 838	996,450	9 067,727	9,100	8,631
20	8	99 010	28 098,640	441 565,470	15,715	15,246	70	58	74 936	912,468	8 071,277	8,846	8,377
21	9	98 962	26 370,912	413 466,830	15,679	15,210	71	59	72 943	833,995	7 158,809	8,584	8,115
22	10	98 916	24 750,090	387 095,917	15,640	15,171	72	60	70 795	760,027	6 324,814	8,322	7,853
23	11	98 869	23 228,487	362 345,828	15,599	15,130	73	61	68 581	691,321	5 564,787	8,050	7,581
24	12	98 820	21 799,944	339 117,341	15,556	15,087	74	62	66 231	626,891	4 873,467	7,774	7,305
25	13	98 769	20 458,762	317 317,397	15,510	15,041	75	63	63 773	566,784	4 246,576	7,492	7,024
26	14	98 717	19 200,102	296 858,635	15,461	14,993	76	64	61 173	510,495	3 679,792	7,208	6,740
27	15	98 665	18 018,659	277 658,533	15,410	14,941	77	65	58 446	457,970	3 169,297	6,920	6,452
28	16	98 609	16 909,361	259 639,874	15,355	14,886	78	66	55 644	409,398	2 711,327	6,623	6,154
29	17	98 551	15 867,962	242 730,513	15,297	14,828	79	67	52 690	364,004	2 301,930	6,324	5,855
30	18	98 489	14 890,214	226 862,551	15,236	14,767	80	68	49 614	321,838	1 937,925	6,021	5,553
31	19	98 421	13 971,769	211 972,338	15,171	14,703	81	69	46 368	282,426	1 616,087	5,722	5,253
32	20	98 349	13 109,351	198 000,568	15,104	14,635	82	70	42 982	245,822	1 333,661	5,425	4,957
33	21	98 273	12 299,717	184 891,217	15,032	14,563	83	71	39 497	212,104	1 087,839	5,129	4,660
34	22	98 187	11 538,973	172 591,500	14,957	14,489	84	72	35 874	180,891	875,735	4,841	4,372
35	23	98 102	10 825,286	161 052,527	14,877	14,409	85	73	32 173	152,324	694,843	4,562	4,093
36	24	98 011	10 155,252	150 227,241	14,793	14,324	86	74	28 410	126,302	542,519	4,295	3,827
37	25	97 909	9 525,462	140 071,988	14,705	14,236	87	75	24 695	103,084	416,217	4,038	3,569
38	26	97 792	8 933,437	130 546,526	14,613	14,145	88	76	21 076	82,607	313,133	3,791	3,322
39	27	97 675	8 378,187	121 613,089	14,515	14,047	89	77	17 585	64,718	230,526	3,562	3,093
40	28	97 542	7 856,111	113 234,902	14,414	13,945	90	78	14 329	49,516	165,808	3,349	2,880
41	29	97 398	7 365,748	105 378,791	14,307	13,838	91	79	11 383	36,934	116,293	3,149	2,680
42	30	97 233	6 904,457	98 013,043	14,196	13,727	92	80	8 818	26,866	79,359	2,954	2,485
43	31	97 068	6 472,057	91 108,586	14,077	13,608	93	81	6 602	18,887	52,492	2,779	2,311
44	32	96 882	6 065,404	84 636,529	13,954	13,485	94	82	4 783	12,849	33,605	2,615	2,147
45	33	96 681	5 683,430	78 571,126	13,825	13,356	95	83	3 328	8,395	20,756	2,473	2,004
46	34	96 466	5 324,660	72 887,695	13,689	13,220	96	84	2 230	5,281	12,362	2,341	1,872
47	35	96 230	4 987,463	67 563,036	13,547	13,078	97	85	1 431	3,182	7,081	2,225	1,757
48	36	95 961	4 669,963	62 575,573	13,400	12,931	98	86	884	1,846	3,899	2,112	1,643
49	37	95 663	4 371,348	57 905,610	13,247	12,778	99	87	524	1,027	2,053	1,998	1,529
							100	88	292	0,538	1,025	1,905	1,437

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	37	95 383	4 092,498	53 652,176	13,110	12,641
1							51	38	95 028	3 828,439	49 559,678	12,945	12,476
2							52	39	94 636	3 579,932	45 731,239	12,774	12,306
3							53	40	94 196	3 345,828	42 151,307	12,598	12,129
4							54	41	93 712	3 125,461	38 805,479	12,416	11,947
5							55	42	93 174	2 917,867	35 680,018	12,228	11,759
6							56	43	92 569	2 722,003	32 762,151	12,036	11,567
7							57	44	91 901	2 537,408	30 040,148	11,839	11,370
8							58	45	91 165	2 363,462	27 502,740	11,637	11,168
9							59	46	90 363	2 199,703	25 139,278	11,428	10,960
10							60	47	89 472	2 045,076	22 939,575	11,217	10,748
11							61	48	88 502	1 899,442	20 894,498	11,000	10,532
12							62	49	87 431	1 761,943	18 995,057	10,781	10,312
13	0	99 535	43 896,387	697 337,724	15,886	15,417	63	50	86 258	1 632,209	17 233,113	10,558	10,089
14	1	99 237	41 094,251	653 441,337	15,901	15,432	64	51	84 984	1 509,947	15 600,904	10,332	9,863
15	2	99 203	38 572,803	612 347,086	15,875	15,406	65	52	83 609	1 394,850	14 090,957	10,102	9,633
16	3	99 175	36 208,207	573 774,283	15,847	15,378	66	53	82 144	1 286,769	12 696,107	9,867	9,398
17	4	99 142	33 987,153	537 566,076	15,817	15,348	67	54	80 564	1 184,992	11 409,339	9,628	9,159
18	5	99 107	31 901,374	503 578,923	15,785	15,317	68	55	78 889	1 089,542	10 224,347	9,384	8,915
19	6	99 062	29 940,744	471 677,550	15,754	15,285	69	56	77 099	999,831	9 134,806	9,136	8,668
20	7	99 014	28 099,979	441 736,805	15,720	15,251	70	57	75 218	915,908	8 134,974	8,882	8,413
21	8	98 969	26 372,813	413 636,826	15,684	15,215	71	58	73 249	837,490	7 219,066	8,620	8,151
22	9	98 922	24 751,405	387 264,013	15,646	15,177	72	59	71 124	763,565	6 381,576	8,358	7,889
23	10	98 875	23 229,778	362 512,608	15,606	15,137	73	60	68 934	694,883	5 618,010	8,085	7,616
24	11	98 828	21 801,621	339 282,830	15,562	15,094	74	61	66 603	630,413	4 923,127	7,809	7,341
25	12	98 775	20 460,055	317 481,210	15,517	15,048	75	62	64 166	570,275	4 292,714	7,527	7,059
26	13	98 725	19 201,620	297 021,155	15,469	15,000	76	63	61 590	513,970	3 722,440	7,243	6,774
27	14	98 674	18 020,321	277 819,535	15,417	14,948	77	64	58 882	461,388	3 208,470	6,954	6,485
28	15	98 620	16 911,319	259 799,214	15,362	14,894	78	65	56 093	412,705	2 747,082	6,656	6,188
29	16	98 563	15 869,991	242 887,895	15,305	14,836	79	66	53 155	367,220	2 334,377	6,357	5,888
30	17	98 502	14 892,144	227 017,904	15,244	14,775	80	67	50 083	324,879	1 967,157	6,055	5,586
31	18	98 437	13 974,038	212 125,760	15,180	14,711	81	68	46 847	285,338	1 642,278	5,756	5,287
32	19	98 365	13 111,507	198 151,722	15,113	14,644	82	69	43 484	248,694	1 356,941	5,456	4,988
33	20	98 289	12 301,731	185 040,216	15,042	14,573	83	70	39 999	214,800	1 108,247	5,159	4,691
34	21	98 204	11 540,933	172 738,485	14,967	14,499	84	71	36 377	183,425	893,447	4,871	4,402
35	22	98 118	10 827,103	161 197,552	14,888	14,420	85	72	32 661	154,636	710,022	4,592	4,123
36	23	98 027	10 156,914	150 370,449	14,805	14,336	86	73	28 894	128,452	555,386	4,324	3,855
37	24	97 925	9 527,027	140 213,536	14,717	14,249	87	74	25 152	104,994	426,934	4,066	3,598
38	25	97 811	8 935,174	130 686,508	14,626	14,157	88	75	21 508	84,303	321,940	3,819	3,350
39	26	97 693	8 379,681	121 751,334	14,529	14,061	89	76	17 983	66,184	237,637	3,591	3,122
40	27	97 563	7 857,759	113 371,654	14,428	13,959	90	77	14 680	50,730	171,453	3,380	2,911
41	28	97 421	7 367,501	105 513,894	14,322	13,853	91	78	11 701	37,967	120,723	3,180	2,711
42	29	97 257	6 906,161	98 146,393	14,211	13,743	92	79	9 098	27,720	82,756	2,985	2,517
43	30	97 095	6 473,887	91 240,232	14,094	13,625	93	80	6 843	19,577	55,036	2,811	2,342
44	31	96 913	6 067,357	84 766,345	13,971	13,502	94	81	4 985	13,390	35,458	2,648	2,179
45	32	96 714	5 685,340	78 698,987	13,842	13,374	95	82	3 492	8,809	22,068	2,505	2,037
46	33	96 500	5 326,525	73 013,647	13,708	13,239	96	83	2 360	5,589	13,259	2,372	1,904
47	34	96 267	4 989,367	67 687,122	13,566	13,098	97	84	1 528	3,399	7,670	2,257	1,788
48	35	96 006	4 672,144	62 697,755	13,419	12,951	98	85	954	1,993	4,272	2,143	1,675
49	36	95 709	4 373,434	58 025,610	13,268	12,799	99	86	573	1,123	2,279	2,029	1,560
							100	87	325	0,597	1,155	1,934	1,465

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	4 094,451	53 759,825	13,130	12,661
1							51	37	95 076	3 830,373	49 665,374	12,966	12,497
2							52	38	94 688	3 581,917	45 835,001	12,796	12,327
3							53	39	94 257	3 348,006	42 253,084	12,620	12,152
4							54	40	93 771	3 127,441	38 905,078	12,440	11,971
5							55	41	93 242	2 920,007	35 777,637	12,253	11,784
6							56	42	92 644	2 724,201	32 857,630	12,061	11,593
7							57	43	91 983	2 539,683	30 133,429	11,865	11,396
8							58	44	91 251	2 365,699	27 593,746	11,664	11,195
9							59	45	90 460	2 202,072	25 228,046	11,457	10,988
10							60	46	89 578	2 047,501	23 025,974	11,246	10,777
11							61	47	88 617	1 901,913	20 978,473	11,030	10,561
12							62	48	87 564	1 764,621	19 076,561	10,811	10,342
13							63	49	86 404	1 634,962	17 311,940	10,589	10,120
14	0	99 525	41 213,435	653 740,074	15,862	15,394	64	50	85 141	1 512,736	15 676,978	10,363	9,895
15	1	99 225	38 581,384	612 526,639	15,876	15,407	65	51	83 783	1 397,753	14 164,242	10,134	9,665
16	2	99 188	36 212,965	573 945,255	15,849	15,380	66	52	82 325	1 289,612	12 766,489	9,899	9,431
17	3	99 152	33 990,542	537 732,290	15,820	15,351	67	53	80 764	1 187,936	11 476,877	9,661	9,192
18	4	99 116	31 904,311	503 741,748	15,789	15,320	68	54	79 107	1 092,551	10 288,941	9,417	8,949
19	5	99 068	29 942,779	471 837,438	15,758	15,289	69	55	77 340	1 002,953	9 196,391	9,169	8,701
20	6	99 022	28 102,031	441 894,659	15,725	15,256	70	56	75 474	919,016	8 193,438	8,915	8,447
21	7	98 973	26 374,069	413 792,628	15,689	15,221	71	57	73 525	840,648	7 274,422	8,653	8,185
22	8	98 929	24 753,189	387 418,559	15,651	15,183	72	58	71 422	766,765	6 433,774	8,391	7,922
23	9	98 880	23 231,013	362 665,370	15,611	15,143	73	59	69 255	698,118	5 667,008	8,118	7,649
24	10	98 833	21 802,833	339 434,357	15,568	15,100	74	60	66 947	633,662	4 968,890	7,842	7,373
25	11	98 783	20 461,628	317 631,524	15,523	15,055	75	61	64 526	573,478	4 335,228	7,560	7,091
26	12	98 731	19 202,834	297 169,896	15,475	15,007	76	62	61 969	517,135	3 761,750	7,274	6,805
27	13	98 682	18 021,745	277 967,062	15,424	14,955	77	63	59 283	464,528	3 244,615	6,985	6,516
28	14	98 629	16 912,879	259 945,317	15,370	14,901	78	64	56 512	415,786	2 780,086	6,686	6,218
29	15	98 575	15 871,828	243 032,438	15,312	14,843	79	65	53 585	370,187	2 364,301	6,387	5,918
30	16	98 515	14 894,048	227 160,610	15,252	14,783	80	66	50 525	327,749	1 994,114	6,084	5,616
31	17	98 450	13 975,850	212 266,561	15,188	14,719	81	67	47 289	288,033	1 666,365	5,785	5,317
32	18	98 381	13 113,635	198 290,712	15,121	14,652	82	68	43 933	251,258	1 378,332	5,486	5,017
33	19	98 305	12 303,753	185 177,076	15,050	14,582	83	69	40 466	217,309	1 127,075	5,187	4,718
34	20	98 220	11 542,822	172 873,324	14,977	14,508	84	70	36 839	185,757	909,765	4,898	4,429
35	21	98 135	10 828,941	161 330,501	14,898	14,429	85	71	33 118	156,802	724,009	4,617	4,149
36	22	98 044	10 158,618	150 501,560	14,815	14,346	86	72	29 332	130,401	567,207	4,350	3,881
37	23	97 941	9 528,586	140 342,942	14,729	14,260	87	73	25 581	106,781	436,806	4,091	3,622
38	24	97 827	8 936,642	130 814,356	14,638	14,169	88	74	21 907	85,865	330,025	3,844	3,375
39	25	97 712	8 381,310	121 877,714	14,542	14,073	89	75	18 352	67,543	244,159	3,615	3,146
40	26	97 580	7 859,160	113 496,404	14,441	13,973	90	76	15 013	51,879	176,617	3,404	2,936
41	27	97 442	7 369,047	105 637,244	14,335	13,867	91	77	11 988	38,898	124,738	3,207	2,738
42	28	97 280	6 907,805	98 268,197	14,226	13,757	92	78	9 353	28,496	85,839	3,012	2,544
43	29	97 119	6 475,485	91 360,392	14,109	13,640	93	79	7 061	20,200	57,344	2,839	2,370
44	30	96 940	6 069,074	84 884,907	13,986	13,518	94	80	5 167	13,880	37,144	2,676	2,207
45	31	96 745	5 687,172	78 815,833	13,859	13,390	95	81	3 639	9,180	23,264	2,534	2,066
46	32	96 532	5 328,315	73 128,661	13,725	13,256	96	82	2 476	5,865	14,085	2,402	1,933
47	33	96 301	4 991,116	67 800,346	13,584	13,115	97	83	1 618	3,597	8,220	2,285	1,816
48	34	96 042	4 673,929	62 809,231	13,438	12,969	98	84	1 019	2,129	4,623	2,171	1,703
49	35	95 754	4 375,477	58 135,302	13,287	12,818	99	85	618	1,213	2,494	2,057	1,588
							100	86	355	0,653	1,281	1,962	1,493

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	4 096,363	53 858,209	13,148	12,679
1							51	36	95 121	3 832,201	49 761,846	12,985	12,516
2							52	37	94 736	3 583,726	45 929,645	12,816	12,347
3							53	38	94 310	3 349,862	42 345,919	12,641	12,172
4							54	39	93 832	3 129,478	38 996,056	12,461	11,992
5							55	40	93 301	2 921,857	35 866,579	12,275	11,807
6							56	41	92 712	2 726,199	32 944,721	12,084	11,616
7							57	42	92 057	2 541,734	30 218,522	11,889	11,420
8							58	43	91 333	2 367,820	27 676,789	11,689	11,220
9							59	44	90 546	2 204,157	25 308,968	11,482	11,014
10							60	45	89 674	2 049,706	23 104,812	11,272	10,804
11							61	46	88 722	1 904,168	21 055,106	11,057	10,589
12							62	47	87 678	1 766,916	19 150,938	10,839	10,370
13							63	48	86 535	1 637,446	17 384,022	10,617	10,148
14							64	49	85 285	1 515,288	15 746,575	10,392	9,923
15	0	99 513	38 693,280	612 802,466	15,837	15,369	65	50	83 938	1 400,335	14 231,287	10,163	9,694
16	1	99 210	36 221,021	574 109,186	15,850	15,381	66	51	82 497	1 292,295	12 830,953	9,929	9,460
17	2	99 165	33 995,009	537 888,165	15,823	15,354	67	52	80 942	1 190,560	11 538,658	9,692	9,223
18	3	99 126	31 907,492	503 893,156	15,792	15,324	68	53	79 304	1 095,265	10 348,097	9,448	8,979
19	4	99 077	29 945,535	471 985,665	15,761	15,293	69	54	77 553	1 005,723	9 252,832	9,200	8,731
20	5	99 028	28 103,940	442 040,129	15,729	15,260	70	55	75 709	921,885	8 247,109	8,946	8,477
21	6	98 981	26 375,995	413 936,189	15,694	15,225	71	56	73 775	843,500	7 325,224	8,684	8,216
22	7	98 933	24 754,368	387 560,194	15,656	15,187	72	57	71 692	769,657	6 481,723	8,422	7,953
23	8	98 887	23 232,687	362 805,826	15,616	15,147	73	58	69 545	701,044	5 712,067	8,148	7,679
24	9	98 839	21 803,992	339 573,139	15,574	15,105	74	59	67 258	636,612	5 011,022	7,871	7,403
25	10	98 788	20 462,766	317 769,147	15,529	15,060	75	60	64 859	576,433	4 374,410	7,589	7,120
26	11	98 739	19 204,311	297 306,381	15,481	15,012	76	61	62 317	520,040	3 797,977	7,303	6,834
27	12	98 688	18 022,884	278 102,070	15,430	14,962	77	62	59 648	467,390	3 277,936	7,013	6,545
28	13	98 637	16 914,216	260 079,186	15,376	14,908	78	63	56 896	418,616	2 810,547	6,714	6,245
29	14	98 584	15 873,293	243 164,970	15,319	14,850	79	64	53 985	372,950	2 391,931	6,414	5,945
30	15	98 526	14 895,773	227 291,677	15,259	14,790	80	65	50 934	330,397	2 018,981	6,111	5,642
31	16	98 463	13 977,636	212 395,905	15,195	14,727	81	66	47 707	290,578	1 688,585	5,811	5,342
32	17	98 394	13 115,336	198 418,268	15,129	14,660	82	67	44 348	253,631	1 398,007	5,512	5,043
33	18	98 321	12 305,750	185 302,933	15,058	14,589	83	68	40 884	219,549	1 144,376	5,212	4,744
34	19	98 236	11 544,720	172 997,182	14,985	14,516	84	69	37 270	187,927	924,827	4,921	4,452
35	20	98 151	10 830,714	161 452,462	14,907	14,438	85	70	33 539	158,795	736,900	4,641	4,172
36	21	98 061	10 160,343	150 621,748	14,824	14,356	86	71	29 743	132,228	578,105	4,372	3,903
37	22	97 957	9 530,185	140 461,405	14,739	14,270	87	72	25 969	108,401	445,877	4,113	3,644
38	23	97 843	8 938,104	130 931,220	14,649	14,180	88	73	22 280	87,327	337,476	3,865	3,396
39	24	97 728	8 382,687	121 993,116	14,553	14,084	89	74	18 693	68,794	250,149	3,636	3,167
40	25	97 599	7 860,688	113 610,429	14,453	13,984	90	75	15 321	52,944	181,355	3,425	2,957
41	26	97 459	7 370,360	105 749,741	14,348	13,879	91	76	12 259	39,779	128,410	3,228	2,759
42	27	97 300	6 909,254	98 379,380	14,239	13,770	92	77	9 582	29,194	88,631	3,036	2,567
43	28	97 142	6 477,027	91 470,126	14,122	13,653	93	78	7 258	20,765	59,436	2,862	2,394
44	29	96 964	6 070,572	84 993,099	14,001	13,532	94	79	5 331	14,321	38,672	2,700	2,232
45	30	96 772	5 688,780	78 922,528	13,873	13,405	95	80	3 772	9,515	24,351	2,559	2,090
46	31	96 563	5 330,031	73 233,747	13,740	13,271	96	81	2 581	6,112	14,836	2,427	1,959
47	32	96 333	4 992,793	67 903,716	13,600	13,132	97	82	1 697	3,775	8,724	2,311	1,842
48	33	96 076	4 675,566	62 910,923	13,455	12,987	98	83	1 079	2,253	4,949	2,197	1,728
49	34	95 790	4 377,148	58 235,357	13,304	12,836	99	84	661	1,295	2,696	2,082	1,613
							100	85	383	0,705	1,401	1,987	1,518

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	4 097,928	53 947,924	13,165	12,696
1							51	35	95 166	3 833,991	49 849,997	13,002	12,533
2							52	36	94 781	3 585,436	46 016,006	12,834	12,365
3							53	37	94 357	3 351,555	42 430,570	12,660	12,191
4							54	38	93 884	3 131,213	39 079,015	12,480	12,012
5							55	39	93 362	2 923,760	35 947,802	12,295	11,826
6							56	40	92 771	2 727,926	33 024,043	12,106	11,637
7							57	41	92 125	2 543,598	30 296,116	11,911	11,442
8							58	42	91 406	2 369,732	27 752,518	11,711	11,243
9							59	43	90 627	2 206,133	25 382,786	11,506	11,037
10							60	44	89 759	2 051,646	23 176,654	11,297	10,828
11							61	45	88 818	1 906,218	21 125,007	11,082	10,613
12							62	46	87 782	1 769,011	19 218,789	10,864	10,395
13							63	47	86 648	1 639,577	17 449,778	10,643	10,174
14							64	48	85 414	1 517,590	15 810,201	10,418	9,949
15							65	49	84 079	1 402,697	14 292,610	10,189	9,721
16	0	99 497	36 326,072	574 363,882	15,811	15,343	66	50	82 649	1 294,682	12 889,914	9,956	9,487
17	1	99 187	34 002,571	538 037,811	15,823	15,355	67	51	81 111	1 193,038	11 595,231	9,719	9,250
18	2	99 139	31 911,685	504 035,239	15,795	15,326	68	52	79 479	1 097,685	10 402,194	9,476	9,008
19	3	99 087	29 948,521	472 123,554	15,765	15,296	69	53	77 746	1 008,222	9 304,508	9,229	8,760
20	4	99 037	28 106,527	442 175,033	15,732	15,263	70	54	75 918	924,431	8 296,287	8,974	8,506
21	5	98 987	26 377,787	414 068,506	15,698	15,229	71	55	74 005	846,134	7 371,855	8,712	8,244
22	6	98 941	24 756,176	387 690,718	15,660	15,192	72	56	71 935	772,268	6 525,721	8,450	7,981
23	7	98 892	23 233,794	362 934,543	15,621	15,152	73	57	69 807	703,688	5 753,453	8,176	7,707
24	8	98 846	21 805,563	339 700,749	15,579	15,110	74	58	67 540	639,280	5 049,766	7,899	7,430
25	9	98 793	20 463,854	317 895,186	15,534	15,066	75	59	65 161	579,117	4 410,486	7,616	7,147
26	10	98 744	19 205,378	297 431,332	15,487	15,018	76	60	62 638	522,720	3 831,368	7,330	6,861
27	11	98 695	18 024,270	278 225,954	15,436	14,967	77	61	59 983	470,015	3 308,648	7,039	6,571
28	12	98 643	16 915,285	260 201,683	15,383	14,914	78	62	57 247	421,194	2 838,633	6,739	6,271
29	13	98 592	15 874,547	243 286,398	15,326	14,857	79	63	54 352	375,488	2 417,439	6,438	5,969
30	14	98 535	14 897,147	227 411,851	15,265	14,797	80	64	51 314	332,863	2 041,950	6,135	5,666
31	15	98 474	13 979,255	212 514,704	15,202	14,733	81	65	48 092	292,925	1 709,088	5,835	5,366
32	16	98 406	13 117,013	198 535,449	15,136	14,667	82	66	44 739	255,872	1 416,162	5,535	5,066
33	17	98 333	12 307,346	185 418,436	15,066	14,597	83	67	41 270	221,623	1 160,291	5,235	4,767
34	18	98 252	11 546,594	173 111,090	14,992	14,524	84	68	37 654	189,864	938,667	4,944	4,475
35	19	98 167	10 832,495	161 564,496	14,915	14,446	85	69	33 931	160,650	748,803	4,661	4,192
36	20	98 077	10 162,007	150 732,002	14,833	14,364	86	70	30 121	133,908	588,153	4,392	3,923
37	21	97 974	9 531,803	140 569,995	14,747	14,279	87	71	26 333	109,920	454,245	4,133	3,664
38	22	97 860	8 939,604	131 038,192	14,658	14,189	88	72	22 618	88,652	344,325	3,884	3,415
39	23	97 744	8 384,059	122 098,588	14,563	14,094	89	73	19 011	69,965	255,673	3,654	3,186
40	24	97 615	7 861,980	113 714,529	14,464	13,995	90	74	15 605	53,925	185,708	3,444	2,975
41	25	97 478	7 371,794	105 852,550	14,359	13,890	91	75	12 511	40,596	131,782	3,246	2,777
42	26	97 318	6 910,486	98 480,756	14,251	13,782	92	76	9 799	29,856	91,186	3,054	2,585
43	27	97 163	6 478,385	91 570,270	14,135	13,666	93	77	7 436	21,274	61,330	2,883	2,414
44	28	96 987	6 072,017	85 091,885	14,014	13,545	94	78	5 480	14,722	40,057	2,721	2,252
45	29	96 796	5 690,184	79 019,868	13,887	13,418	95	79	3 892	9,818	25,335	2,581	2,112
46	30	96 591	5 331,539	73 329,683	13,754	13,285	96	80	2 675	6,335	15,517	2,449	1,981
47	31	96 364	4 994,401	67 998,144	13,615	13,146	97	81	1 769	3,934	9,182	2,334	1,866
48	32	96 108	4 677,137	63 003,744	13,471	13,002	98	82	1 132	2,364	5,249	2,220	1,751
49	33	95 824	4 378,682	58 326,606	13,321	12,852	99	83	699	1,371	2,884	2,104	1,635
							100	84	409	0,753	1,514	2,010	1,541

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	4 099,364	54 029,721	13,180	12,711
1							51	34	95 202	3 835,455	49 930,357	13,018	12,549
2							52	35	94 825	3 587,111	46 094,902	12,850	12,381
3							53	36	94 402	3 353,154	42 507,791	12,677	12,208
4							54	37	93 931	3 132,794	39 154,637	12,498	12,030
5							55	38	93 414	2 925,381	36 021,843	12,314	11,845
6							56	39	92 831	2 729,702	33 096,462	12,125	11,656
7							57	40	92 183	2 545,209	30 366,760	11,931	11,462
8							58	41	91 473	2 371,470	27 821,550	11,732	11,263
9							59	42	90 700	2 207,914	25 450,080	11,527	11,058
10							60	43	89 840	2 053,486	23 242,166	11,318	10,850
11							61	44	88 902	1 908,023	21 188,680	11,105	10,636
12							62	45	87 877	1 770,916	19 280,657	10,887	10,419
13							63	46	86 750	1 641,521	17 509,741	10,667	10,198
14							64	47	85 525	1 519,565	15 868,220	10,443	9,974
15							65	48	84 207	1 404,828	14 348,655	10,214	9,745
16							66	49	82 788	1 296,866	12 943,827	9,981	9,512
17	0	99 475	34 101,188	538 273,011	15,785	15,316	67	50	81 260	1 195,242	11 646,961	9,744	9,276
18	1	99 161	31 918,784	504 171,823	15,795	15,327	68	51	79 644	1 099,969	10 451,719	9,502	9,033
19	2	99 100	29 952,457	472 253,039	15,767	15,298	69	52	77 918	1 010,449	9 351,750	9,255	8,786
20	3	99 047	28 109,330	442 300,582	15,735	15,266	70	53	76 107	926,728	8 341,301	9,001	8,532
21	4	98 997	26 380,216	414 191,252	15,701	15,232	71	54	74 209	848,471	7 414,572	8,739	8,270
22	5	98 947	24 757,858	387 811,036	15,664	15,195	72	55	72 160	774,679	6 566,101	8,476	8,007
23	6	98 899	23 235,490	363 053,178	15,625	15,156	73	56	70 044	706,075	5 791,422	8,202	7,734
24	7	98 850	21 806,602	339 817,688	15,583	15,115	74	57	67 795	641,690	5 085,347	7,925	7,456
25	8	98 800	20 465,329	318 011,086	15,539	15,070	75	58	65 434	581,545	4 443,657	7,641	7,172
26	9	98 750	19 206,399	297 545,758	15,492	15,023	76	59	62 930	525,154	3 862,112	7,354	6,886
27	10	98 701	18 025,273	278 339,359	15,442	14,973	77	60	60 293	472,437	3 336,958	7,063	6,595
28	11	98 651	16 916,586	260 314,086	15,388	14,919	78	61	57 568	423,560	2 864,521	6,763	6,294
29	12	98 598	15 875,551	243 397,500	15,332	14,863	79	62	54 687	377,801	2 440,961	6,461	5,992
30	13	98 543	14 898,325	227 521,949	15,272	14,803	80	63	51 663	335,128	2 063,160	6,156	5,688
31	14	98 483	13 980,545	212 623,625	15,209	14,740	81	64	48 451	295,112	1 728,031	5,856	5,387
32	15	98 418	13 118,531	198 643,080	15,142	14,673	82	65	45 101	257,939	1 432,920	5,555	5,087
33	16	98 346	12 308,920	185 524,549	15,072	14,604	83	66	41 634	223,581	1 174,981	5,255	4,787
34	17	98 265	11 548,091	173 215,629	15,000	14,531	84	67	38 010	191,658	951,399	4,964	4,495
35	18	98 183	10 834,253	161 667,538	14,922	14,453	85	68	34 281	162,306	759,742	4,681	4,212
36	19	98 093	10 163,677	150 833,285	14,840	14,372	86	69	30 473	135,473	597,435	4,410	3,941
37	20	97 990	9 533,364	140 669,607	14,756	14,287	87	70	26 667	111,317	461,963	4,150	3,681
38	21	97 876	8 941,122	131 136,244	14,667	14,198	88	71	22 935	89,894	350,646	3,901	3,432
39	22	97 760	8 385,465	122 195,122	14,572	14,104	89	72	19 299	71,027	260,752	3,671	3,202
40	23	97 631	7 863,266	113 809,656	14,474	14,005	90	73	15 870	54,843	189,725	3,459	2,991
41	24	97 494	7 373,005	105 946,390	14,369	13,901	91	74	12 743	41,348	134,882	3,262	2,793
42	25	97 337	6 911,830	98 573,386	14,262	13,793	92	75	10 000	30,469	93,533	3,070	2,601
43	26	97 180	6 479,540	91 661,556	14,146	13,678	93	76	7 605	21,756	63,065	2,899	2,430
44	27	97 008	6 073,291	85 182,016	14,026	13,557	94	77	5 615	15,083	41,309	2,739	2,270
45	28	96 819	5 691,539	79 108,725	13,899	13,431	95	78	4 001	10,092	26,226	2,599	2,130
46	29	96 614	5 332,855	73 417,186	13,767	13,298	96	79	2 760	6,537	16,134	2,468	2,000
47	30	96 391	4 995,814	68 084,331	13,628	13,160	97	80	1 834	4,077	9,598	2,354	1,885
48	31	96 139	4 678,644	63 088,517	13,484	13,016	98	81	1 180	2,464	5,520	2,241	1,772
49	32	95 856	4 380,153	58 409,873	13,335	12,866	99	82	734	1,438	3,056	2,125	1,656
							100	83	433	0,797	1,618	2,030	1,561

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	32	95 575	4 100,741	54 104,342	13,194	12,725
							51	33	95 236	3 836,799	50 003,601	13,033	12,564
							52	34	94 862	3 588,481	46 166,802	12,865	12,397
							53	35	94 446	3 354,720	42 578,321	12,692	12,223
							54	36	93 976	3 134,289	39 223,601	12,514	12,046
							55	37	93 461	2 926,858	36 089,312	12,330	11,862
							56	38	92 883	2 731,216	33 162,453	12,142	11,673
							57	39	92 243	2 546,867	30 431,238	11,949	11,480
							58	40	91 531	2 372,973	27 884,371	11,751	11,282
							59	41	90 767	2 209,534	25 511,399	11,546	11,077
							60	42	89 912	2 055,144	23 301,865	11,338	10,870
							61	43	88 981	1 909,733	21 246,721	11,125	10,657
							62	44	87 960	1 772,593	19 336,988	10,909	10,440
							63	45	86 844	1 643,288	17 564,395	10,689	10,220
							64	46	85 627	1 521,367	15 921,106	10,465	9,996
							65	47	84 316	1 406,656	14 399,740	10,237	9,768
							66	48	82 914	1 298,837	12 993,084	10,004	9,535
							67	49	81 398	1 197,258	11 694,247	9,768	9,299
18	0	99 448	32 011,357	504 389,038	15,757	15,288	68	50	79 791	1 102,001	10 496,989	9,525	9,057
19	1	99 122	29 959,120	472 377,681	15,767	15,299	69	51	78 080	1 012,552	9 394,988	9,279	8,810
20	2	99 060	28 113,024	442 418,560	15,737	15,268	70	52	76 275	928,776	8 382,436	9,025	8,557
21	3	99 006	26 382,846	414 305,536	15,704	15,235	71	53	74 394	850,579	7 453,660	8,763	8,294
22	4	98 957	24 760,137	387 922,690	15,667	15,198	72	54	72 359	776,819	6 603,081	8,500	8,031
23	5	98 906	23 237,069	363 162,553	15,629	15,160	73	55	70 263	708,280	5 826,263	8,226	7,757
24	6	98 858	21 808,194	339 925,484	15,587	15,118	74	56	68 025	643,868	5 117,983	7,949	7,480
25	7	98 805	20 466,303	318 117,290	15,543	15,075	75	57	65 681	583,737	4 474,115	7,665	7,196
26	8	98 757	19 207,783	297 650,987	15,496	15,028	76	58	63 194	527,355	3 890,378	7,377	6,908
27	9	98 706	18 026,231	278 443,203	15,447	14,978	77	59	60 573	474,637	3 363,023	7,085	6,617
28	10	98 657	16 917,527	260 416,973	15,393	14,925	78	60	57 865	425,743	2 888,386	6,784	6,316
29	11	98 605	15 876,772	243 499,446	15,337	14,868	79	61	54 994	379,923	2 462,643	6,482	6,013
30	12	98 549	14 899,266	227 622,675	15,277	14,809	80	62	51 981	337,193	2 082,720	6,177	5,708
31	13	98 491	13 981,650	212 723,408	15,214	14,746	81	63	48 781	297,120	1 745,527	5,875	5,406
32	14	98 427	13 119,742	198 741,759	15,148	14,680	82	64	45 437	259,864	1 448,407	5,574	5,105
33	15	98 357	12 310,345	185 622,017	15,079	14,610	83	65	41 971	225,388	1 188,543	5,273	4,805
34	16	98 277	11 549,568	173 311,672	15,006	14,537	84	66	38 345	193,351	963,155	4,981	4,513
35	17	98 195	10 835,658	161 762,104	14,929	14,460	85	67	34 605	163,839	769,804	4,699	4,230
36	18	98 109	10 165,327	150 926,446	14,847	14,378	86	68	30 787	136,869	605,965	4,427	3,959
37	19	98 006	9 534,931	140 761,119	14,763	14,294	87	69	26 979	112,618	469,096	4,165	3,697
38	20	97 892	8 942,586	131 226,188	14,674	14,206	88	70	23 226	91,036	356,478	3,916	3,447
39	21	97 777	8 386,890	122 283,602	14,580	14,112	89	71	19 570	72,022	265,442	3,686	3,217
40	22	97 647	7 864,585	113 896,713	14,482	14,013	90	72	16 111	55,675	193,420	3,474	3,005
41	23	97 510	7 374,211	106 032,127	14,379	13,910	91	73	12 960	42,052	137,745	3,276	2,807
42	24	97 353	6 912,965	98 657,917	14,271	13,803	92	74	10 186	31,033	95,692	3,084	2,615
43	25	97 199	6 480,800	91 744,951	14,156	13,688	93	75	7 761	22,202	64,659	2,912	2,444
44	26	97 025	6 074,373	85 264,151	14,037	13,568	94	76	5 742	15,424	42,457	2,753	2,284
45	27	96 840	5 692,733	79 189,778	13,911	13,442	95	77	4 099	10,340	27,032	2,614	2,146
46	28	96 637	5 334,124	73 497,045	13,779	13,310	96	78	2 837	6,719	16,693	2,484	2,016
47	29	96 415	4 997,047	68 162,920	13,641	13,172	97	79	1 892	4,207	9,973	2,371	1,902
48	30	96 167	4 679,967	63 165,874	13,497	13,028	98	80	1 223	2,554	5,766	2,258	1,789
49	31	95 887	4 381,564	58 485,906	13,348	12,879	99	81	765	1,499	3,212	2,143	1,674
							100	82	454	0,836	1,713	2,048	1,580

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	4 102,062	54 172,465	13,206	12,737
1							51	32	95 268	3 838,088	50 070,403	13,046	12,577
2							52	33	94 895	3 589,738	46 232,314	12,879	12,410
3							53	34	94 482	3 356,001	42 642,576	12,706	12,238
4							54	35	94 020	3 135,753	39 286,575	12,529	12,060
5							55	36	93 506	2 928,255	36 150,822	12,346	11,877
6							56	37	92 929	2 732,595	33 222,567	12,158	11,689
7							57	38	92 294	2 548,279	30 489,971	11,965	11,496
8							58	39	91 591	2 374,518	27 941,693	11,767	11,299
9							59	40	90 824	2 210,933	25 567,175	11,564	11,095
10							60	41	89 978	2 056,651	23 356,242	11,356	10,888
11							61	42	89 053	1 911,276	21 299,590	11,144	10,675
12							62	43	88 039	1 774,182	19 388,315	10,928	10,459
13							63	44	86 926	1 644,844	17 614,133	10,709	10,240
14							64	45	85 719	1 523,005	15 969,289	10,485	10,017
15							65	46	84 416	1 408,324	14 446,284	10,258	9,789
16							66	47	83 022	1 300,527	13 037,960	10,025	9,556
17							67	48	81 521	1 199,077	11 737,434	9,789	9,320
18							68	49	79 926	1 103,860	10 538,357	9,547	9,078
19	0	99 410	30 046,010	472 578,296	15,728	15,260	69	50	78 224	1 014,422	9 434,496	9,300	8,832
20	1	99 082	28 119,278	442 532,287	15,738	15,269	70	51	76 434	930,708	8 420,074	9,047	8,578
21	2	99 019	26 386,313	414 413,008	15,706	15,237	71	52	74 558	852,458	7 489,366	8,786	8,317
22	3	98 966	24 762,606	388 026,695	15,670	15,201	72	53	72 539	778,749	6 636,907	8,523	8,054
23	4	98 915	23 239,208	363 264,089	15,632	15,163	73	54	70 457	710,236	5 858,158	8,248	7,779
24	5	98 864	21 809,676	340 024,881	15,591	15,122	74	55	68 237	645,878	5 147,923	7,970	7,502
25	6	98 812	20 467,798	318 215,205	15,547	15,078	75	56	65 904	585,718	4 502,045	7,686	7,218
26	7	98 762	19 208,698	297 747,407	15,501	15,032	76	57	63 432	529,343	3 916,327	7,398	6,930
27	8	98 713	18 027,530	278 538,709	15,451	14,982	77	58	60 827	476,626	3 386,984	7,106	6,637
28	9	98 662	16 918,426	260 511,179	15,398	14,929	78	59	58 135	427,725	2 910,357	6,804	6,336
29	10	98 611	15 877,654	243 592,753	15,342	14,873	79	60	55 277	381,881	2 482,632	6,501	6,032
30	11	98 557	14 900,412	227 715,099	15,282	14,814	80	61	52 273	339,087	2 100,751	6,195	5,727
31	12	98 497	13 982,533	212 814,687	15,220	14,751	81	62	49 081	298,950	1 761,664	5,893	5,424
32	13	98 434	13 120,779	198 832,154	15,154	14,685	82	63	45 747	261,633	1 462,714	5,591	5,122
33	14	98 367	12 311,481	185 711,375	15,084	14,616	83	64	42 284	227,070	1 201,081	5,289	4,821
34	15	98 288	11 550,905	173 399,894	15,012	14,543	84	65	38 655	194,913	974,011	4,997	4,528
35	16	98 208	10 837,044	161 848,989	14,935	14,466	85	66	34 910	165,287	779,098	4,714	4,245
36	17	98 121	10 166,645	151 011,946	14,854	14,385	86	67	31 078	138,162	613,811	4,443	3,974
37	18	98 022	9 536,479	140 845,300	14,769	14,300	87	68	27 257	113,779	475,649	4,180	3,712
38	19	97 908	8 944,056	131 308,821	14,681	14,212	88	69	23 498	92,100	361,871	3,929	3,460
39	20	97 793	8 388,263	122 364,766	14,588	14,119	89	70	19 818	72,938	269,771	3,699	3,230
40	21	97 664	7 865,921	113 976,503	14,490	14,021	90	71	16 337	56,455	196,833	3,487	3,018
41	22	97 526	7 375,448	106 110,582	14,387	13,918	91	72	13 157	42,690	140,378	3,288	2,820
42	23	97 369	6 914,096	98 735,134	14,280	13,812	92	73	10 359	31,562	97,688	3,095	2,626
43	24	97 215	6 481,865	91 821,038	14,166	13,697	93	74	7 905	22,614	66,126	2,924	2,455
44	25	97 044	6 075,554	85 339,172	14,046	13,578	94	75	5 860	15,741	43,512	2,764	2,296
45	26	96 857	5 693,748	79 263,618	13,921	13,452	95	76	4 192	10,574	27,771	2,626	2,158
46	27	96 658	5 335,243	73 569,870	13,789	13,321	96	77	2 907	6,884	17,198	2,498	2,029
47	28	96 438	4 998,236	68 234,627	13,652	13,183	97	78	1 945	4,325	10,313	2,385	1,916
48	29	96 190	4 681,123	63 236,390	13,509	13,040	98	79	1 262	2,635	5,989	2,273	1,804
49	30	95 914	4 382,803	58 555,268	13,360	12,891	99	80	793	1,554	3,354	2,158	1,690
							100	81	474	0,872	1,800	2,065	1,596

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	4 103,222	54 234,594	13,218	12,749
1							51	31	95 298	3 839,325	50 131,372	13,057	12,589
2							52	32	94 927	3 590,944	46 292,047	12,891	12,423
3							53	33	94 516	3 357,177	42 701,103	12,719	12,251
4							54	34	94 056	3 136,951	39 343,925	12,542	12,073
5							55	35	93 549	2 929,623	36 206,974	12,359	11,890
6							56	36	92 974	2 733,899	33 277,352	12,172	11,703
7							57	37	92 341	2 549,566	30 543,453	11,980	11,511
8							58	38	91 642	2 375,834	27 993,887	11,783	11,314
9							59	39	90 884	2 212,373	25 618,052	11,579	11,111
10							60	40	90 035	2 057,954	23 405,680	11,373	10,905
11							61	41	89 118	1 912,677	21 347,725	11,161	10,692
12							62	42	88 110	1 775,615	19 435,048	10,946	10,477
13							63	43	87 004	1 646,319	17 659,433	10,727	10,258
14							64	44	85 800	1 524,447	16 013,115	10,504	10,035
15							65	45	84 507	1 409,840	14 488,668	10,277	9,808
16							66	46	83 120	1 302,069	13 078,828	10,045	9,576
17							67	47	81 627	1 200,637	11 776,759	9,809	9,340
18							68	48	80 047	1 105,538	10 576,122	9,566	9,098
19							69	49	78 356	1 016,134	9 470,585	9,320	8,851
20	0	99 370	28 200,831	442 717,590	15,699	15,230	70	50	76 575	932,428	8 454,451	9,067	8,598
21	1	99 041	26 392,183	414 516,758	15,706	15,237	71	51	74 713	854,232	7 522,023	8,806	8,337
22	2	98 979	24 765,860	388 124,575	15,672	15,203	72	52	72 699	780,469	6 667,791	8,543	8,075
23	3	98 925	23 241,525	363 358,715	15,634	15,165	73	53	70 632	712,001	5 887,322	8,269	7,800
24	4	98 873	21 811,684	340 117,190	15,593	15,125	74	54	68 426	647,662	5 175,321	7,991	7,522
25	5	98 819	20 469,189	318 305,506	15,550	15,082	75	55	66 109	587,547	4 527,660	7,706	7,237
26	6	98 769	19 210,101	297 836,317	15,504	15,035	76	56	63 647	531,140	3 940,113	7,418	6,949
27	7	98 718	18 028,389	278 626,216	15,455	14,986	77	57	61 057	478,423	3 408,974	7,125	6,657
28	8	98 669	16 919,645	260 597,828	15,402	14,933	78	58	58 378	429,518	2 930,550	6,823	6,354
29	9	98 616	15 878,498	243 678,183	15,346	14,878	79	59	55 535	383,659	2 501,033	6,519	6,050
30	10	98 562	14 901,241	227 799,684	15,287	14,819	80	60	52 543	340,834	2 117,373	6,212	5,744
31	11	98 505	13 983,609	212 898,444	15,225	14,756	81	61	49 357	300,630	1 776,539	5,909	5,441
32	12	98 441	13 121,608	198 914,835	15,159	14,691	82	62	46 029	263,244	1 475,909	5,607	5,138
33	13	98 374	12 312,454	185 793,227	15,090	14,621	83	63	42 572	228,615	1 212,665	5,304	4,836
34	14	98 298	11 551,971	173 480,774	15,017	14,549	84	64	38 944	196,368	984,049	5,011	4,543
35	15	98 219	10 838,298	161 928,803	14,940	14,472	85	65	35 192	166,622	787,682	4,727	4,259
36	16	98 134	10 167,945	151 090,504	14,859	14,391	86	66	31 353	139,383	621,060	4,456	3,987
37	17	98 035	9 537,716	140 922,559	14,775	14,307	87	67	27 514	114,853	481,677	4,194	3,725
38	18	97 924	8 945,508	131 384,844	14,687	14,219	88	68	23 740	93,049	366,823	3,942	3,474
39	19	97 809	8 389,642	122 439,336	14,594	14,125	89	69	20 050	73,789	273,774	3,710	3,241
40	20	97 680	7 867,209	114 049,694	14,497	14,028	90	70	16 545	57,173	199,985	3,498	3,029
41	21	97 543	7 376,701	106 182,486	14,394	13,926	91	71	13 341	43,288	142,812	3,299	2,830
42	22	97 385	6 915,257	98 805,785	14,288	13,819	92	72	10 516	32,040	99,524	3,106	2,637
43	23	97 231	6 482,925	91 890,528	14,174	13,705	93	73	8 039	22,999	67,483	2,934	2,465
44	24	97 060	6 076,553	85 407,603	14,055	13,587	94	74	5 969	16,033	44,484	2,775	2,306
45	25	96 876	5 694,855	79 331,050	13,930	13,462	95	75	4 278	10,791	28,452	2,637	2,168
46	26	96 675	5 336,195	73 636,195	13,799	13,331	96	76	2 973	7,040	17,661	2,509	2,040
47	27	96 458	4 999,285	68 300,001	13,662	13,193	97	77	1 992	4,431	10,621	2,397	1,928
48	28	96 213	4 682,237	63 300,716	13,519	13,051	98	78	1 297	2,709	6,190	2,285	1,816
49	29	95 938	4 383,885	58 618,479	13,371	12,903	99	79	818	1,603	3,481	2,171	1,703
							100	80	491	0,904	1,878	2,078	1,610

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	4 104,235	54 291,197	13,228	12,759
1							51	30	95 325	3 840,411	50 186,962	13,068	12,599
2							52	31	94 957	3 592,101	46 346,551	12,902	12,434
3							53	32	94 547	3 358,305	42 754,450	12,731	12,262
4							54	33	94 089	3 138,050	39 396,145	12,554	12,086
5							55	34	93 585	2 930,742	36 258,095	12,372	11,903
6							56	35	93 017	2 735,176	33 327,353	12,185	11,716
7							57	36	92 385	2 550,782	30 592,177	11,993	11,525
8							58	37	91 688	2 377,034	28 041,394	11,797	11,328
9							59	38	90 934	2 213,599	25 664,360	11,594	11,125
10							60	39	90 094	2 059,294	23 450,760	11,388	10,919
11							61	40	89 175	1 913,889	21 391,466	11,177	10,708
12							62	41	88 174	1 776,917	19 477,577	10,961	10,493
13							63	42	87 074	1 647,648	17 700,660	10,743	10,274
14							64	43	85 877	1 525,813	16 053,012	10,521	10,052
15							65	44	84 587	1 411,175	14 527,199	10,294	9,826
16							66	45	83 210	1 303,471	13 116,024	10,062	9,594
17							67	46	81 724	1 202,061	11 812,553	9,827	9,358
18							68	47	80 151	1 106,976	10 610,493	9,585	9,116
19							69	48	78 475	1 017,677	9 503,517	9,338	8,870
20							70	49	76 704	934,001	8 485,839	9,085	8,617
21	0	99 329	26 468,727	414 687,937	15,667	15,198	71	50	74 851	855,810	7 551,839	8,824	8,355
22	1	99 001	24 771,370	388 219,210	15,672	15,203	72	51	72 850	782,093	6 696,029	8,562	8,093
23	2	98 938	23 244,580	363 447,840	15,636	15,167	73	52	70 788	713,574	5 913,935	8,288	7,819
24	3	98 883	21 813,859	340 203,260	15,596	15,127	74	53	68 596	649,271	5 200,362	8,010	7,541
25	4	98 828	20 471,073	318 389,401	15,553	15,084	75	54	66 292	589,169	4 551,091	7,725	7,256
26	5	98 775	19 211,406	297 918,328	15,507	15,039	76	55	63 846	532,798	3 961,921	7,436	6,967
27	6	98 725	18 029,705	278 706,922	15,458	14,989	77	56	61 264	480,047	3 429,124	7,143	6,675
28	7	98 674	16 920,451	260 677,217	15,406	14,937	78	57	58 598	431,137	2 949,077	6,840	6,371
29	8	98 623	15 879,643	243 756,766	15,350	14,882	79	58	55 767	385,267	2 517,940	6,536	6,067
30	9	98 568	14 902,033	227 877,123	15,292	14,823	80	59	52 787	342,421	2 132,672	6,228	5,759
31	10	98 510	13 984,386	212 975,091	15,229	14,761	81	60	49 612	302,179	1 790,251	5,924	5,456
32	11	98 448	13 122,617	198 990,705	15,164	14,695	82	61	46 287	264,723	1 488,072	5,621	5,152
33	12	98 381	12 313,232	185 868,088	15,095	14,626	83	62	42 834	230,024	1 223,349	5,318	4,850
34	13	98 305	11 552,884	173 554,856	15,023	14,554	84	63	39 209	197,704	993,326	5,024	4,556
35	14	98 228	10 839,298	162 001,972	14,946	14,477	85	64	35 455	167,866	795,621	4,740	4,271
36	15	98 145	10 169,123	151 162,674	14,865	14,396	86	65	31 606	140,509	627,755	4,468	3,999
37	16	98 047	9 538,935	140 993,551	14,781	14,312	87	66	27 757	115,868	487,247	4,205	3,736
38	17	97 937	8 946,668	131 454,616	14,693	14,224	88	67	23 964	93,928	371,379	3,954	3,485
39	18	97 825	8 391,004	122 507,948	14,600	14,131	89	68	20 256	74,550	277,450	3,722	3,253
40	19	97 696	7 868,502	114 116,945	14,503	14,034	90	69	16 738	57,841	202,900	3,508	3,039
41	20	97 559	7 377,908	106 248,443	14,401	13,932	91	70	13 510	43,839	145,060	3,309	2,840
42	21	97 401	6 916,431	98 870,534	14,295	13,826	92	71	10 664	32,489	101,221	3,116	2,647
43	22	97 247	6 484,013	91 954,103	14,182	13,713	93	72	8 161	23,348	68,732	2,944	2,475
44	23	97 076	6 077,547	85 470,090	14,063	13,595	94	73	6 070	16,305	45,384	2,783	2,315
45	24	96 892	5 695,791	79 392,543	13,939	13,470	95	74	4 358	10,991	29,078	2,646	2,177
46	25	96 694	5 337,232	73 696,753	13,808	13,339	96	75	3 034	7,185	18,088	2,518	2,049
47	26	96 475	5 000,176	68 359,520	13,671	13,203	97	76	2 038	4,531	10,903	2,406	1,937
48	27	96 233	4 683,219	63 359,344	13,529	13,060	98	77	1 329	2,775	6,372	2,296	1,827
49	28	95 961	4 384,929	58 676,125	13,381	12,913	99	78	841	1,648	3,597	2,182	1,714
							100	79	506	0,932	1,948	2,090	1,621

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	28	95 679	4 105,212	54 342,804	13,238	12,769
1							51	29	95 349	3 841,358	50 237,592	13,078	12,609
2							52	30	94 984	3 593,117	46 396,233	12,913	12,444
3							53	31	94 578	3 359,387	42 803,116	12,741	12,273
4							54	32	94 121	3 139,104	39 443,729	12,565	12,097
5							55	33	93 618	2 931,768	36 304,625	12,383	11,914
6							56	34	93 053	2 736,221	33 372,856	12,197	11,728
7							57	35	92 428	2 551,974	30 636,635	12,005	11,536
8							58	36	91 732	2 378,168	28 084,661	11,809	11,341
9							59	37	90 980	2 214,718	25 706,493	11,607	11,138
10							60	38	90 144	2 060,436	23 491,775	11,401	10,933
11							61	39	89 233	1 915,135	21 431,339	11,191	10,722
12							62	40	88 230	1 778,043	19 516,204	10,976	10,507
13							63	41	87 138	1 648,857	17 738,161	10,758	10,289
14							64	42	85 946	1 527,045	16 089,305	10,536	10,067
15							65	43	84 663	1 412,440	14 562,259	10,310	9,841
16							66	44	83 289	1 304,705	13 149,819	10,079	9,610
17							67	45	81 812	1 203,355	11 845,115	9,843	9,375
18							68	46	80 246	1 108,288	10 641,760	9,602	9,133
19							69	47	78 577	1 019,001	9 533,471	9,356	8,887
20							70	48	76 821	935,420	8 514,470	9,102	8,634
21							71	49	74 978	857,254	7 579,050	8,841	8,372
22	0	99 289	24 843,213	388 377,359	15,633	15,164	72	50	72 985	783,538	6 721,796	8,579	8,110
23	1	98 960	23 249,751	363 534,146	15,636	15,167	73	51	70 935	715,058	5 938,258	8,305	7,836
24	2	98 896	21 816,725	340 284,396	15,597	15,129	74	52	68 747	650,705	5 223,200	8,027	7,558
25	3	98 838	20 473,114	318 467,670	15,555	15,087	75	53	66 457	590,633	4 572,494	7,742	7,273
26	4	98 785	19 213,175	297 994,556	15,510	15,041	76	54	64 022	534,269	3 981,861	7,453	6,984
27	5	98 732	18 030,930	278 781,381	15,461	14,993	77	55	61 455	481,545	3 447,592	7,159	6,691
28	6	98 681	16 921,687	260 750,451	15,409	14,941	78	56	58 797	432,600	2 966,046	6,856	6,388
29	7	98 628	15 880,399	243 828,764	15,354	14,885	79	57	55 978	386,720	2 533,446	6,551	6,082
30	8	98 575	14 903,107	227 948,365	15,295	14,827	80	58	53 008	343,856	2 146,726	6,243	5,774
31	9	98 515	13 985,129	213 045,259	15,234	14,765	81	59	49 843	303,586	1 802,870	5,939	5,470
32	10	98 454	13 123,347	199 060,129	15,168	14,700	82	60	46 526	266,087	1 499,284	5,635	5,166
33	11	98 388	12 314,179	185 936,783	15,099	14,631	83	61	43 075	231,316	1 233,197	5,331	4,862
34	12	98 312	11 553,614	173 622,604	15,028	14,559	84	62	39 450	198,922	1 001,881	5,037	4,568
35	13	98 236	10 840,155	162 068,990	14,951	14,482	85	63	35 696	169,008	802,959	4,751	4,282
36	14	98 154	10 170,061	151 228,835	14,870	14,401	86	64	31 842	141,557	633,951	4,478	4,010
37	15	98 059	9 540,039	141 058,774	14,786	14,317	87	65	27 982	116,804	492,393	4,216	3,747
38	16	97 949	8 947,812	131 518,734	14,698	14,230	88	66	24 176	94,758	375,589	3,964	3,495
39	17	97 837	8 392,092	122 570,923	14,606	14,137	89	67	20 448	75,254	280,831	3,732	3,263
40	18	97 712	7 869,779	114 178,831	14,509	14,040	90	68	16 910	58,437	205,576	3,518	3,049
41	19	97 575	7 379,121	106 309,052	14,407	13,938	91	69	13 668	44,351	147,139	3,318	2,849
42	20	97 417	6 917,563	98 929,930	14,301	13,833	92	70	10 799	32,902	102,789	3,124	2,655
43	21	97 264	6 485,114	92 012,367	14,188	13,719	93	71	8 276	23,675	69,887	2,952	2,483
44	22	97 092	6 078,567	85 527,253	14,070	13,602	94	72	6 162	16,553	46,212	2,792	2,323
45	23	96 908	5 696,722	79 448,686	13,946	13,478	95	73	4 432	11,178	29,659	2,653	2,185
46	24	96 710	5 338,109	73 751,964	13,816	13,347	96	74	3 090	7,318	18,481	2,525	2,057
47	25	96 494	5 001,148	68 413,855	13,680	13,211	97	75	2 079	4,624	11,163	2,414	1,945
48	26	96 251	4 684,054	63 412,706	13,538	13,069	98	76	1 359	2,838	6,539	2,304	1,835
49	27	95 981	4 385,848	58 728,652	13,390	12,922	99	77	861	1,688	3,701	2,192	1,723
							100	78	521	0,958	2,012	2,100	1,631

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	4 106,073	54 389,816	13,246	12,777
1							51	28	95 371	3 842,273	50 283,742	13,087	12,618
2							52	29	95 008	3 594,004	46 441,469	12,922	12,453
3							53	30	94 605	3 360,337	42 847,465	12,751	12,282
4							54	31	94 151	3 140,115	39 487,128	12,575	12,106
5							55	32	93 649	2 932,754	36 347,012	12,393	11,925
6							56	33	93 085	2 737,180	33 414,259	12,208	11,739
7							57	34	92 463	2 552,949	30 677,079	12,016	11,548
8							58	35	91 775	2 379,279	28 124,131	11,820	11,352
9							59	36	91 023	2 215,774	25 744,851	11,619	11,150
10							60	37	90 189	2 061,477	23 529,077	11,414	10,945
11							61	38	89 282	1 916,197	21 467,600	11,203	10,734
12							62	39	88 288	1 779,200	19 551,403	10,989	10,520
13							63	40	87 193	1 649,901	17 772,203	10,772	10,303
14							64	41	86 009	1 528,165	16 122,302	10,550	10,081
15							65	42	84 732	1 413,581	14 594,136	10,324	9,855
16							66	43	83 363	1 305,874	13 180,556	10,093	9,625
17							67	44	81 890	1 204,494	11 874,681	9,859	9,390
18							68	45	80 333	1 109,482	10 670,187	9,617	9,149
19							69	46	78 671	1 020,210	9 560,705	9,371	8,903
20							70	47	76 921	936,637	8 540,496	9,118	8,650
21							71	48	75 092	858,556	7 603,859	8,857	8,388
22							72	49	73 108	784,860	6 745,302	8,594	8,126
23	0	99 247	23 317,181	363 680,277	15,597	15,128	73	50	71 066	716,379	5 960,443	8,320	7,851
24	1	98 918	21 821,579	340 363,096	15,598	15,129	74	51	68 890	652,059	5 244,063	8,042	7,574
25	2	98 851	20 475,805	318 541,517	15,557	15,088	75	52	66 603	591,938	4 592,004	7,758	7,289
26	3	98 794	19 215,091	298 065,713	15,512	15,043	76	53	64 181	535,597	4 000,066	7,468	7,000
27	4	98 741	18 032,590	278 850,622	15,464	14,995	77	54	61 625	482,875	3 464,469	7,175	6,706
28	5	98 688	16 922,836	260 818,032	15,412	14,943	78	55	58 981	433,951	2 981,593	6,871	6,402
29	6	98 635	15 881,559	243 895,196	15,357	14,888	79	56	56 168	388,032	2 547,643	6,566	6,097
30	7	98 579	14 903,817	228 013,637	15,299	14,830	80	57	53 208	345,153	2 159,611	6,257	5,788
31	8	98 523	13 986,137	213 109,821	15,237	14,768	81	58	50 051	304,858	1 814,458	5,952	5,483
32	9	98 459	13 124,044	199 123,683	15,172	14,704	82	59	46 742	267,326	1 509,600	5,647	5,178
33	10	98 394	12 314,863	185 999,639	15,104	14,635	83	60	43 297	232,508	1 242,273	5,343	4,874
34	11	98 319	11 554,503	173 684,775	15,032	14,563	84	61	39 672	200,039	1 009,766	5,048	4,579
35	12	98 242	10 840,840	162 130,273	14,956	14,487	85	62	35 916	170,049	809,726	4,762	4,293
36	13	98 162	10 170,865	151 289,433	14,875	14,406	86	63	32 059	142,521	639,677	4,488	4,020
37	14	98 068	9 540,920	141 118,568	14,791	14,322	87	64	28 191	117,676	497,156	4,225	3,756
38	15	97 961	8 948,848	131 577,648	14,703	14,235	88	65	24 371	95,524	379,480	3,973	3,504
39	16	97 850	8 393,165	122 628,801	14,611	14,142	89	66	20 628	75,919	283,956	3,740	3,271
40	17	97 724	7 870,800	114 235,636	14,514	14,045	90	67	17 070	58,989	208,037	3,527	3,058
41	18	97 591	7 380,319	106 364,836	14,412	13,943	91	68	13 809	44,808	149,048	3,326	2,858
42	19	97 433	6 918,700	98 984,517	14,307	13,838	92	69	10 925	33,287	104,240	3,132	2,663
43	20	97 280	6 486,176	92 065,817	14,194	13,725	93	70	8 381	23,976	70,953	2,959	2,491
44	21	97 109	6 079,599	85 579,640	14,077	13,608	94	71	6 249	16,785	46,978	2,799	2,330
45	22	96 924	5 697,678	79 500,041	13,953	13,484	95	72	4 499	11,348	30,193	2,661	2,192
46	23	96 725	5 338,982	73 802,363	13,823	13,355	96	73	3 142	7,442	18,845	2,532	2,063
47	24	96 510	5 001,970	68 463,381	13,687	13,219	97	74	2 118	4,710	11,403	2,421	1,952
48	25	96 269	4 684,965	63 461,411	13,546	13,077	98	75	1 387	2,896	6,693	2,311	1,842
49	26	95 998	4 386,630	58 776,446	13,399	12,930	99	76	881	1,727	3,797	2,199	1,730
							100	77	533	0,982	2,070	2,108	1,640

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	4 106,805	54 432,578	13,254	12,785
1							51	27	95 391	3 843,079	50 325,773	13,095	12,626
2							52	28	95 030	3 594,860	46 482,694	12,930	12,462
3							53	29	94 628	3 361,167	42 887,834	12,760	12,291
4							54	30	94 178	3 141,004	39 526,667	12,584	12,115
5							55	31	93 679	2 933,698	36 385,664	12,403	11,934
6							56	32	93 117	2 738,099	33 451,965	12,217	11,748
7							57	33	92 496	2 553,843	30 713,866	12,027	11,558
8							58	34	91 810	2 380,188	28 160,023	11,831	11,362
9							59	35	91 066	2 216,809	25 779,835	11,629	11,161
10							60	36	90 232	2 062,460	23 563,025	11,425	10,956
11							61	37	89 328	1 917,165	21 500,565	11,215	10,746
12							62	38	88 337	1 780,187	19 583,400	11,001	10,532
13							63	39	87 250	1 650,975	17 803,213	10,783	10,315
14							64	40	86 064	1 529,134	16 152,238	10,563	10,094
15							65	41	84 794	1 414,617	14 623,104	10,337	9,868
16							66	42	83 431	1 306,929	13 208,487	10,107	9,638
17							67	43	81 963	1 205,574	11 901,558	9,872	9,403
18							68	44	80 409	1 110,532	10 695,984	9,631	9,163
19							69	45	78 755	1 021,308	9 585,452	9,385	8,917
20							70	46	77 012	937,747	8 564,143	9,133	8,664
21							71	47	75 189	859,673	7 626,396	8,871	8,403
22							72	48	73 219	786,052	6 766,723	8,608	8,140
23							73	49	71 186	717,588	5 980,670	8,334	7,866
24	0	99 205	21 884,867	340 498,140	15,559	15,090	74	50	69 018	653,264	5 263,083	8,057	7,588
25	1	98 873	20 480,360	318 613,273	15,557	15,088	75	51	66 742	593,170	4 609,819	7,771	7,303
26	2	98 807	19 217,616	298 132,913	15,514	15,045	76	52	64 323	536,780	4 016,649	7,483	7,014
27	3	98 751	18 034,388	278 915,298	15,466	14,997	77	53	61 778	484,075	3 479,869	7,189	6,720
28	4	98 697	16 924,394	260 880,910	15,414	14,946	78	54	59 144	435,149	2 995,794	6,885	6,416
29	5	98 642	15 882,638	243 956,515	15,360	14,891	79	55	56 343	389,244	2 560,644	6,579	6,110
30	6	98 586	14 904,905	228 073,878	15,302	14,833	80	56	53 389	346,324	2 171,401	6,270	5,801
31	7	98 527	13 986,804	213 168,973	15,241	14,772	81	57	50 240	306,008	1 825,077	5,964	5,495
32	8	98 466	13 124,990	199 182,169	15,176	14,707	82	58	46 938	268,447	1 519,069	5,659	5,190
33	9	98 399	12 315,518	186 057,179	15,108	14,639	83	59	43 498	233,590	1 250,623	5,354	4,885
34	10	98 325	11 555,145	173 741,661	15,036	14,567	84	60	39 876	201,070	1 017,032	5,058	4,589
35	11	98 250	10 841,674	162 186,516	14,960	14,491	85	61	36 118	171,005	815,962	4,772	4,303
36	12	98 168	10 171,507	151 344,842	14,879	14,411	86	62	32 256	143,399	644,957	4,498	4,029
37	13	98 075	9 541,674	141 173,335	14,795	14,327	87	63	28 382	118,477	501,558	4,233	3,765
38	14	97 970	8 949,673	131 631,661	14,708	14,239	88	64	24 553	96,237	383,081	3,981	3,512
39	15	97 861	8 394,136	122 681,987	14,615	14,146	89	65	20 795	76,533	286,845	3,748	3,279
40	16	97 737	7 871,806	114 287,851	14,519	14,050	90	66	17 221	59,510	210,312	3,534	3,065
41	17	97 603	7 381,276	106 416,045	14,417	13,948	91	67	13 940	45,231	150,802	3,334	2,865
42	18	97 449	6 919,824	99 034,769	14,312	13,843	92	68	11 038	33,630	105,571	3,139	2,670
43	19	97 296	6 487,242	92 114,945	14,199	13,731	93	69	8 479	24,256	71,941	2,966	2,497
44	20	97 124	6 080,594	85 627,702	14,082	13,613	94	70	6 328	16,998	47,685	2,805	2,337
45	21	96 940	5 698,646	79 547,108	13,959	13,490	95	71	4 562	11,507	30,687	2,667	2,198
46	22	96 742	5 339,878	73 848,462	13,830	13,361	96	72	3 190	7,555	19,181	2,539	2,070
47	23	96 526	5 002,788	68 508,584	13,694	13,225	97	73	2 154	4,790	11,625	2,427	1,958
48	24	96 285	4 685,735	63 505,796	13,553	13,084	98	74	1 413	2,950	6,835	2,317	1,848
49	25	96 017	4 387,483	58 820,061	13,406	12,938	99	75	899	1,762	3,885	2,205	1,736
							100	76	545	1,004	2,123	2,114	1,646

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	4 107,604	54 471,596	13,261	12,792
1							51	26	95 408	3 843,764	50 363,993	13,103	12,634
2							52	27	95 050	3 595,614	46 520,228	12,938	12,469
3							53	28	94 650	3 361,967	42 924,615	12,768	12,299
4							54	29	94 201	3 141,779	39 562,648	12,592	12,124
5							55	30	93 706	2 934,528	36 420,869	12,411	11,942
6							56	31	93 147	2 738,981	33 486,341	12,226	11,757
7							57	32	92 527	2 554,701	30 747,359	12,036	11,567
8							58	33	91 842	2 381,022	28 192,658	11,841	11,372
9							59	34	91 101	2 217,656	25 811,636	11,639	11,170
10							60	35	90 274	2 063,424	23 593,980	11,434	10,966
11							61	36	89 370	1 918,080	21 530,556	11,225	10,756
12							62	37	88 381	1 781,086	19 612,477	11,012	10,543
13							63	38	87 298	1 651,891	17 831,391	10,795	10,326
14							64	39	86 120	1 530,129	16 179,500	10,574	10,105
15							65	40	84 847	1 415,514	14 649,371	10,349	9,880
16							66	41	83 492	1 307,887	13 233,857	10,118	9,650
17							67	42	82 029	1 206,548	11 925,969	9,884	9,416
18							68	43	80 481	1 111,528	10 719,422	9,644	9,175
19							69	44	78 830	1 022,275	9 607,894	9,399	8,930
20							70	45	77 095	938,757	8 585,619	9,146	8,677
21							71	46	75 278	860,693	7 646,862	8,885	8,416
22							72	47	73 314	787,075	6 786,169	8,622	8,153
23							73	48	71 294	718,678	5 999,094	8,347	7,879
24							74	49	69 134	654,366	5 280,416	8,070	7,601
25	0	99 160	20 539,758	318 738,088	15,518	15,049	75	50	66 865	594,266	4 626,050	7,784	7,316
26	1	98 829	19 221,891	298 198,330	15,513	15,045	76	51	64 457	537,897	4 031,785	7,495	7,027
27	2	98 764	18 036,758	278 976,439	15,467	14,998	77	52	61 914	485,145	3 493,888	7,202	6,733
28	3	98 706	16 926,082	260 939,681	15,416	14,948	78	53	59 291	436,230	3 008,743	6,897	6,428
29	4	98 651	15 884,100	244 013,599	15,362	14,893	79	54	56 499	390,319	2 572,512	6,591	6,122
30	5	98 593	14 905,918	228 129,499	15,305	14,836	80	55	53 556	347,405	2 182,194	6,281	5,813
31	6	98 534	13 987,825	213 223,581	15,244	14,775	81	56	50 411	307,046	1 834,789	5,976	5,507
32	7	98 471	13 125,615	199 235,757	15,179	14,710	82	57	47 115	269,459	1 527,743	5,670	5,201
33	8	98 406	12 316,406	186 110,141	15,111	14,642	83	58	43 681	234,569	1 258,284	5,364	4,895
34	9	98 330	11 555,759	173 793,736	15,040	14,571	84	59	40 062	202,007	1 023,715	5,068	4,599
35	10	98 255	10 842,277	162 237,976	14,963	14,495	85	60	36 304	171,886	821,708	4,781	4,312
36	11	98 176	10 172,290	151 395,700	14,883	14,414	86	61	32 437	144,204	649,822	4,506	4,038
37	12	98 082	9 542,277	141 223,410	14,800	14,331	87	62	28 557	119,207	505,618	4,242	3,773
38	13	97 978	8 950,381	131 681,133	14,712	14,244	88	63	24 720	96,892	386,411	3,988	3,519
39	14	97 870	8 394,911	122 730,752	14,620	14,151	89	64	20 950	77,104	289,520	3,755	3,286
40	15	97 748	7 872,718	114 335,841	14,523	14,054	90	65	17 360	59,991	212,416	3,541	3,072
41	16	97 616	7 382,220	106 463,124	14,422	13,953	91	66	14 063	45,631	152,425	3,340	2,872
42	17	97 462	6 920,721	99 080,904	14,317	13,848	92	67	11 142	33,947	106,794	3,146	2,677
43	18	97 311	6 488,296	92 160,183	14,204	13,735	93	68	8 566	24,506	72,846	2,973	2,504
44	19	97 140	6 081,594	85 671,887	14,087	13,618	94	69	6 402	17,197	48,341	2,811	2,342
45	20	96 956	5 699,579	79 590,293	13,964	13,495	95	70	4 620	11,653	31,144	2,673	2,204
46	21	96 758	5 340,785	73 890,715	13,835	13,366	96	71	3 235	7,661	19,491	2,544	2,075
47	22	96 542	5 003,628	68 549,930	13,700	13,231	97	72	2 187	4,863	11,830	2,433	1,964
48	23	96 301	4 686,501	63 546,302	13,559	13,091	98	73	1 437	3,000	6,967	2,322	1,854
49	24	96 032	4 388,204	58 859,801	13,413	12,944	99	74	915	1,795	3,967	2,210	1,742
							100	75	557	1,025	2,172	2,120	1,651

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 549 944,297	15,499	15,030	50	50	94 198	3 594,593	44 258,376	12,312	11,843
1	1	99 373	93 089,643	1 449 944,297	15,576	15,107	51	51	93 723	3 350,291	40 663,783	12,137	11,668
2	2	99 327	87 162,948	1 356 854,654	15,567	15,098	52	52	93 193	3 120,723	37 313,492	11,957	11,488
3	3	99 301	81 629,884	1 269 691,706	15,554	15,085	53	53	92 616	2 905,294	34 192,769	11,769	11,300
4	4	99 279	76 451,588	1 188 061,822	15,540	15,071	54	54	91 970	2 702,586	31 287,475	11,577	11,108
5	5	99 259	71 602,649	1 111 610,234	15,525	15,056	55	55	91 257	2 512,079	28 584,889	11,379	10,910
6	6	99 243	67 064,428	1 040 007,585	15,508	15,038	56	56	90 456	2 332,571	26 072,810	11,178	10,709
7	7	99 227	62 813,577	972 943,157	15,489	15,020	57	57	89 579	2 163,896	23 740,239	10,971	10,502
8	8	99 212	58 833,268	910 129,580	15,470	15,001	58	58	88 612	2 005,178	21 576,343	10,760	10,291
9	9	99 198	55 104,934	851 296,342	15,449	14,980	59	59	87 560	1 856,099	19 571,165	10,544	10,075
10	10	99 184	51 613,660	796 191,408	15,426	14,957	60	60	86 397	1 715,638	17 715,065	10,326	9,857
11	11	99 172	48 343,745	744 577,748	15,402	14,933	61	61	85 133	1 583,639	15 999,428	10,103	9,634
12	12	99 157	45 280,268	696 234,003	15,376	14,907	62	62	83 760	1 459,588	14 415,789	9,877	9,407
13	13	99 142	42 410,677	650 953,735	15,349	14,880	63	63	82 269	1 342,954	12 956,200	9,648	9,178
14	14	99 125	39 722,140	608 543,057	15,320	14,851	64	64	80 655	1 233,344	11 613,247	9,416	8,947
15	15	99 104	37 202,407	568 820,917	15,290	14,821	65	65	78 926	1 130,590	10 379,903	9,181	8,712
16	16	99 077	34 840,579	531 618,510	15,259	14,789	66	66	77 091	1 034,484	9 249,313	8,941	8,472
17	17	99 041	32 625,910	496 777,931	15,226	14,757	67	67	75 132	944,448	8 214,829	8,698	8,229
18	18	99 002	30 550,803	464 152,021	15,193	14,724	68	68	73 083	860,603	7 270,381	8,448	7,979
19	19	98 948	28 603,328	433 601,218	15,159	14,690	69	69	70 917	782,288	6 409,778	8,194	7,724
20	20	98 892	26 779,472	404 997,890	15,123	14,654	70	70	68 620	709,090	5 627,490	7,936	7,467
21	21	98 835	25 071,701	378 218,418	15,085	14,616	71	71	66 234	641,150	4 918,400	7,671	7,202
22	22	98 778	23 472,885	353 146,718	15,045	14,576	72	72	63 690	577,541	4 277,250	7,406	6,937
23	23	98 720	21 975,745	329 673,833	15,002	14,533	73	73	61 089	518,927	3 699,709	7,130	6,660
24	24	98 662	20 574,162	307 698,087	14,956	14,486	74	74	58 335	464,199	3 180,782	6,852	6,383
25	25	98 601	19 261,227	287 123,925	14,907	14,438	75	75	55 488	413,622	2 716,583	6,568	6,099
26	26	98 538	18 031,828	267 862,698	14,855	14,386	76	76	52 510	366,673	2 302,960	6,281	5,812
27	27	98 477	16 881,189	249 830,870	14,799	14,330	77	77	49 424	323,302	1 936,287	5,989	5,520
28	28	98 412	15 803,333	232 949,680	14,741	14,271	78	78	46 298	283,707	1 612,985	5,685	5,216
29	29	98 343	14 793,690	217 146,347	14,678	14,209	79	79	43 025	246,975	1 329,278	5,382	4,913
30	30	98 271	13 848,003	202 352,657	14,612	14,143	80	80	39 636	213,137	1 082,303	5,078	4,609
31	31	98 191	12 961,851	188 504,654	14,543	14,074	81	81	36 105	181,874	869,166	4,779	4,310
32	32	98 103	12 131,376	175 542,803	14,470	14,001	82	82	32 491	153,319	687,291	4,483	4,014
33	33	98 010	11 353,530	163 411,427	14,393	13,924	83	83	28 815	127,375	533,972	4,192	3,723
34	34	97 907	10 624,446	152 057,897	14,312	13,843	84	84	25 074	103,829	406,597	3,916	3,447
35	35	97 801	9 941,851	141 433,451	14,226	13,757	85	85	21 372	82,902	302,768	3,652	3,183
36	36	97 682	9 301,833	131 491,600	14,136	13,667	86	86	17 779	64,606	219,866	3,403	2,934
37	37	97 549	8 701,814	122 189,768	14,042	13,573	87	87	14 398	49,012	155,260	3,168	2,699
38	38	97 402	8 139,339	113 487,954	13,943	13,474	88	88	11 298	36,026	106,249	2,949	2,480
39	39	97 249	7 612,706	105 348,615	13,839	13,369	89	89	8 548	25,533	70,223	2,750	2,281
40	40	97 074	7 118,471	97 735,909	13,730	13,261	90	90	6 217	17,396	44,690	2,569	2,100
41	41	96 892	6 655,888	90 617,438	13,615	13,145	91	91	4 330	11,350	27,294	2,405	1,936
42	42	96 681	6 221,415	83 961,550	13,496	13,026	92	92	2 887	7,088	15,945	2,250	1,780
43	43	96 466	5 815,084	77 740,135	13,369	12,900	93	93	1 819	4,185	8,857	2,117	1,647
44	44	96 226	5 433,827	71 925,051	13,237	12,767	94	94	1 086	2,340	4,672	1,997	1,528
45	45	95 968	5 076,604	66 491,224	13,098	12,628	95	95	611	1,233	2,332	1,892	1,422
46	46	95 685	4 741,558	61 414,620	12,952	12,483	96	96	323	0,611	1,099	1,800	1,331
47	47	95 375	4 427,329	56 673,063	12,801	12,332	97	97	160	0,283	0,489	1,728	1,259
48	48	95 029	4 132,334	52 245,734	12,643	12,174	98	98	75	0,125	0,206	1,653	1,183
49	49	94 635	3 855,023	48 113,399	12,481	12,012	99	99	33	0,051	0,081	1,579	1,110
							100	100	13	0,020	0,030	1,519	1,050

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	1 549 097,891	15,536	15,067	50	51	94 025	3 587,965	43 942,469	12,247	11,778
1	2	99 351	93 068,939	1 449 387,078	15,573	15,104	51	52	93 528	3 343,334	40 354,504	12,070	11,601
2	3	99 314	87 151,494	1 356 318,139	15,563	15,094	52	53	92 988	3 113,844	37 011,169	11,886	11,417
3	4	99 291	81 621,745	1 269 166,645	15,549	15,080	53	54	92 387	2 898,093	33 897,325	11,696	11,227
4	5	99 270	76 444,550	1 187 544,899	15,535	15,066	54	55	91 717	2 695,143	30 999,233	11,502	11,033
5	6	99 252	71 597,784	1 111 100,349	15,519	15,050	55	56	90 973	2 504,261	28 304,090	11,302	10,833
6	7	99 236	67 059,532	1 039 502,564	15,501	15,032	56	57	90 150	2 324,683	25 799,830	11,098	10,629
7	8	99 222	62 810,585	972 443,033	15,482	15,013	57	58	89 242	2 155,768	23 475,146	10,889	10,420
8	9	99 205	58 828,998	909 632,448	15,462	14,993	58	59	88 242	1 996,809	21 319,379	10,677	10,208
9	10	99 192	55 102,005	850 803,450	15,441	14,971	59	60	87 154	1 847,497	19 322,569	10,459	9,990
10	11	99 179	51 610,791	795 701,445	15,417	14,948	60	61	85 954	1 706,842	17 475,072	10,238	9,769
11	12	99 164	48 340,027	744 090,654	15,393	14,924	61	62	84 657	1 574,792	15 768,230	10,013	9,544
12	13	99 151	45 277,407	695 750,627	15,366	14,897	62	63	83 248	1 450,653	14 193,438	9,784	9,315
13	14	99 134	42 407,325	650 473,220	15,339	14,870	63	64	81 713	1 333,875	12 742,785	9,553	9,084
14	15	99 116	39 718,476	608 065,895	15,309	14,840	64	65	80 057	1 224,207	11 408,910	9,319	8,850
15	16	99 092	37 198,100	568 347,419	15,279	14,810	65	66	78 293	1 121,530	10 184,703	9,081	8,612
16	17	99 064	34 836,125	531 149,319	15,247	14,778	66	67	76 416	1 025,424	9 063,174	8,838	8,369
17	18	99 029	32 621,680	496 313,194	15,214	14,745	67	68	74 429	935,610	8 037,749	8,591	8,122
18	19	98 986	30 545,844	463 691,514	15,180	14,711	68	69	72 338	851,821	7 102,140	8,338	7,868
19	20	98 932	28 598,627	433 145,671	15,146	14,677	69	70	70 098	773,256	6 250,318	8,083	7,614
20	21	98 875	26 775,089	404 547,044	15,109	14,640	70	71	67 759	700,190	5 477,063	7,822	7,353
21	22	98 818	25 067,444	377 771,955	15,070	14,601	71	72	65 319	632,293	4 776,873	7,555	7,086
22	23	98 761	23 468,947	352 704,512	15,029	14,559	72	73	62 738	568,908	4 144,580	7,285	6,816
23	24	98 704	21 972,151	329 235,565	14,984	14,515	73	74	60 066	510,243	3 575,672	7,008	6,539
24	25	98 646	20 570,783	307 263,414	14,937	14,468	74	75	57 274	455,754	3 065,430	6,726	6,257
25	26	98 582	19 257,482	286 692,631	14,887	14,418	75	76	54 371	405,300	2 609,676	6,439	5,970
26	27	98 521	18 028,614	267 435,149	14,834	14,365	76	77	51 346	358,552	2 204,375	6,148	5,679
27	28	98 457	16 877,649	249 406,535	14,777	14,308	77	78	48 241	315,563	1 845,824	5,849	5,380
28	29	98 389	15 799,572	232 528,886	14,717	14,248	78	79	45 039	275,988	1 530,261	5,545	5,076
29	30	98 319	14 790,040	216 729,314	14,654	14,185	79	80	41 699	239,366	1 254,273	5,240	4,771
30	31	98 243	13 844,087	201 939,274	14,587	14,118	80	81	38 238	205,622	1 014,907	4,936	4,467
31	32	98 159	12 957,677	188 095,187	14,516	14,047	81	82	34 646	174,524	809,285	4,637	4,168
32	33	98 070	12 127,301	175 137,510	14,442	13,972	82	83	30 964	146,113	634,761	4,344	3,875
33	34	97 976	11 349,553	163 010,209	14,363	13,894	83	84	27 224	120,344	488,648	4,060	3,591
34	35	97 870	10 620,390	151 660,656	14,280	13,811	84	85	23 474	97,206	368,304	3,789	3,320
35	36	97 755	9 937,209	141 040,266	14,193	13,724	85	86	19 797	76,793	271,098	3,530	3,061
36	37	97 635	9 297,397	131 103,057	14,101	13,632	86	87	16 263	59,096	194,305	3,288	2,819
37	38	97 499	8 697,420	121 805,660	14,005	13,536	87	88	12 971	44,155	135,209	3,062	2,593
38	39	97 348	8 134,829	113 108,240	13,904	13,435	88	89	10 018	31,944	91,054	2,850	2,381
39	40	97 186	7 607,752	104 973,411	13,798	13,329	89	90	7 447	22,244	59,110	2,657	2,188
40	41	97 012	7 113,965	97 365,659	13,687	13,217	90	91	5 302	14,836	36,866	2,485	2,016
41	42	96 821	6 651,010	90 251,694	13,570	13,100	91	92	3 611	9,466	22,029	2,327	1,858
42	43	96 603	6 216,395	83 600,685	13,448	12,979	92	93	2 344	5,756	12,563	2,183	1,714
43	44	96 380	5 809,875	77 384,289	13,319	12,850	93	94	1 438	3,308	6,807	2,058	1,589
44	45	96 135	5 428,687	71 574,414	13,184	12,715	94	95	837	1,803	3,499	1,941	1,472
45	46	95 865	5 071,143	66 145,727	13,044	12,574	95	96	456	0,920	1,696	1,845	1,376
46	47	95 572	4 735,943	61 074,584	12,896	12,427	96	97	233	0,440	0,777	1,764	1,295
47	48	95 251	4 421,576	56 338,641	12,742	12,273	97	98	113	0,199	0,337	1,688	1,219
48	49	94 884	4 126,065	51 917,065	12,583	12,114	98	99	51	0,085	0,137	1,617	1,148
49	50	94 476	3 848,531	47 791,000	12,418	11,949	99	100	22	0,034	0,052	1,548	1,079

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	1 548 490,373	15,533	15,064	50	52	93 830	3 580,515	43 599,892	12,177	11,708
1	3	99 338	93 056,710	1 448 801,737	15,569	15,100	51	53	93 322	3 335,964	40 019,378	11,996	11,527
2	4	99 304	87 142,805	1 355 745,027	15,558	15,089	52	54	92 757	3 106,126	36 683,414	11,810	11,341
3	5	99 282	81 614,232	1 268 602,222	15,544	15,075	53	55	92 132	2 890,111	33 577,288	11,618	11,149
4	6	99 263	76 439,356	1 186 987,990	15,528	15,059	54	56	91 431	2 686,754	30 687,177	11,422	10,953
5	7	99 245	71 592,557	1 110 548,634	15,512	15,043	55	57	90 665	2 495,792	28 000,423	11,219	10,750
6	8	99 231	67 056,338	1 038 956,077	15,494	15,025	56	58	89 811	2 315,951	25 504,631	11,013	10,543
7	9	99 215	62 806,059	971 899,740	15,475	15,005	57	59	88 870	2 146,771	23 188,680	10,802	10,333
8	10	99 200	58 825,871	909 093,681	15,454	14,985	58	60	87 833	1 987,555	21 041,909	10,587	10,118
9	11	99 187	55 098,942	850 267,810	15,432	14,963	59	61	86 708	1 838,026	19 054,354	10,367	9,898
10	12	99 171	51 606,822	795 168,868	15,408	14,939	60	62	85 474	1 697,307	17 216,328	10,143	9,674
11	13	99 158	48 336,972	743 562,046	15,383	14,914	61	63	84 139	1 565,151	15 519,021	9,915	9,446
12	14	99 143	45 273,828	695 225,074	15,356	14,887	62	64	82 685	1 440,846	13 953,870	9,684	9,215
13	15	99 125	42 403,413	649 951,246	15,328	14,859	63	65	81 108	1 323,993	12 513,023	9,451	8,982
14	16	99 104	39 713,877	607 547,833	15,298	14,829	64	66	79 415	1 214,396	11 189,031	9,214	8,745
15	17	99 079	37 193,344	567 833,955	15,267	14,798	65	67	77 607	1 111,708	9 974,635	8,972	8,503
16	18	99 051	34 831,608	530 640,611	15,234	14,765	66	68	75 701	1 015,829	8 862,927	8,725	8,256
17	19	99 012	32 616,385	495 809,003	15,201	14,732	67	69	73 670	926,063	7 847,098	8,474	8,004
18	20	98 970	30 540,823	463 192,618	15,166	14,697	68	70	71 502	841,986	6 921,036	8,220	7,751
19	21	98 915	28 593,946	432 651,795	15,131	14,662	69	71	69 218	763,550	6 079,050	7,962	7,492
20	22	98 859	26 770,542	404 057,849	15,093	14,624	70	72	66 823	690,517	5 315,500	7,698	7,229
21	23	98 801	25 063,238	377 287,307	15,053	14,584	71	73	64 342	622,841	4 624,983	7,426	6,956
22	24	98 745	23 465,108	352 224,069	15,011	14,541	72	74	61 688	559,387	4 002,142	7,155	6,685
23	25	98 688	21 968,541	328 758,961	14,965	14,496	73	75	58 974	500,960	3 442,755	6,872	6,403
24	26	98 627	20 566,783	306 790,419	14,917	14,448	74	76	56 121	446,584	2 941,795	6,587	6,118
25	27	98 564	19 254,050	286 223,636	14,866	14,397	75	77	53 167	396,323	2 495,211	6,296	5,827
26	28	98 500	18 024,833	266 969,586	14,811	14,342	76	78	50 117	349,968	2 098,887	5,997	5,528
27	29	98 433	16 873,632	248 944,753	14,753	14,284	77	79	46 928	306,977	1 748,919	5,697	5,228
28	30	98 365	15 795,673	232 071,121	14,692	14,223	78	80	43 651	267,485	1 441,942	5,391	4,922
29	31	98 291	14 785,857	216 275,448	14,627	14,158	79	81	40 229	230,926	1 174,456	5,086	4,617
30	32	98 211	13 839,629	201 489,591	14,559	14,090	80	82	36 693	197,311	943,531	4,782	4,313
31	33	98 126	12 953,325	187 649,962	14,487	14,017	81	83	33 018	166,321	746,219	4,487	4,017
32	34	98 036	12 123,054	174 696,637	14,410	13,941	82	84	29 255	138,048	579,898	4,201	3,732
33	35	97 938	11 345,220	162 573,583	14,330	13,861	83	85	25 488	112,668	441,850	3,922	3,453
34	36	97 824	10 615,431	151 228,363	14,246	13,777	84	86	21 744	90,042	329,182	3,656	3,187
35	37	97 709	9 932,470	140 612,933	14,157	13,688	85	87	18 108	70,244	239,140	3,404	2,935
36	38	97 586	9 292,702	130 680,462	14,063	13,594	86	88	14 651	53,240	168,896	3,172	2,703
37	39	97 445	8 692,601	121 387,760	13,964	13,495	87	89	11 502	39,152	115,656	2,954	2,485
38	40	97 285	8 129,536	112 695,159	13,862	13,393	88	90	8 727	27,829	76,504	2,749	2,280
39	41	97 124	7 602,936	104 565,623	13,753	13,284	89	91	6 351	18,972	48,675	2,566	2,096
40	42	96 941	7 108,750	96 962,688	13,640	13,171	90	92	4 422	12,375	29,703	2,400	1,931
41	43	96 743	6 645,643	89 853,937	13,521	13,052	91	93	2 933	7,687	17,328	2,254	1,785
42	44	96 516	6 210,827	83 208,294	13,397	12,928	92	94	1 853	4,550	9,641	2,119	1,650
43	45	96 289	5 804,380	76 997,467	13,265	12,796	93	95	1 108	2,549	5,091	1,997	1,528
44	46	96 032	5 422,848	71 193,087	13,128	12,659	94	96	624	1,345	2,542	1,890	1,421
45	47	95 752	5 065,138	65 770,239	12,985	12,516	95	97	328	0,663	1,197	1,806	1,337
46	48	95 447	4 729,789	60 705,101	12,835	12,366	96	98	164	0,310	0,534	1,721	1,252
47	49	95 106	4 414,868	55 975,312	12,679	12,210	97	99	77	0,136	0,224	1,650	1,181
48	50	94 725	4 119,117	51 560,444	12,517	12,048	98	100	34	0,056	0,088	1,583	1,114
49	51	94 302	3 841,434	47 441,327	12,350	11,881							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	1 547 852,280	15,529	15,060	50	53	93 623	3 572,622	43 229,156	12,100	11,631
1	4	99 328	93 047,432	1 448 176,743	15,564	15,095	51	54	93 091	3 327,696	39 656,534	11,917	11,448
2	5	99 295	87 134,783	1 355 129,311	15,552	15,083	52	55	92 502	3 097,571	36 328,839	11,728	11,259
3	6	99 275	81 608,687	1 267 994,528	15,537	15,068	53	56	91 846	2 881,115	33 231,268	11,534	11,065
4	7	99 256	76 433,775	1 186 385,841	15,522	15,053	54	57	91 122	2 677,669	30 350,152	11,335	10,865
5	8	99 240	71 589,147	1 109 952,066	15,504	15,035	55	58	90 325	2 486,417	27 672,483	11,129	10,660
6	9	99 224	67 051,505	1 038 362,919	15,486	15,017	56	59	89 436	2 306,285	25 186,066	10,921	10,451
7	10	99 210	62 802,720	971 311,414	15,466	14,997	57	60	88 458	2 136,821	22 879,781	10,707	10,238
8	11	99 194	58 822,601	908 508,694	15,445	14,976	58	61	87 382	1 977,365	20 742,960	10,490	10,021
9	12	99 179	55 094,705	849 686,093	15,422	14,953	59	62	86 223	1 827,758	18 765,594	10,267	9,798
10	13	99 165	51 603,560	794 591,388	15,398	14,929	60	63	84 951	1 686,916	16 937,836	10,041	9,572
11	14	99 150	48 333,152	742 987,828	15,372	14,903	61	64	83 570	1 554,571	15 250,920	9,810	9,341
12	15	99 134	45 269,651	694 654,676	15,345	14,876	62	65	82 072	1 430,171	13 696,349	9,577	9,108
13	16	99 114	42 398,504	649 385,025	15,316	14,847	63	66	80 458	1 313,382	12 266,178	9,339	8,870
14	17	99 092	39 708,800	606 986,521	15,286	14,817	64	67	78 720	1 203,761	10 952,795	9,099	8,630
15	18	99 067	37 188,522	567 277,720	15,254	14,785	65	68	76 881	1 101,304	9 749,035	8,852	8,383
16	19	99 035	34 825,955	530 089,199	15,221	14,752	66	69	74 928	1 005,463	8 647,730	8,601	8,132
17	20	98 996	32 611,024	495 263,244	15,187	14,718	67	70	72 819	915,370	7 642,267	8,349	7,880
18	21	98 954	30 535,824	462 652,220	15,151	14,682	68	71	70 605	831,417	6 726,897	8,091	7,622
19	22	98 899	28 589,090	432 116,396	15,115	14,646	69	72	68 262	753,002	5 895,480	7,829	7,360
20	23	98 842	26 766,051	403 527,306	15,076	14,607	70	73	65 824	680,195	5 142,478	7,569	7,091
21	24	98 785	25 059,138	376 761,255	15,035	14,566	71	74	63 266	612,417	4 462,283	7,286	6,817
22	25	98 729	23 461,254	351 702,116	14,991	14,522	72	75	60 566	549,210	3 849,865	7,010	6,541
23	26	98 668	21 964,270	328 240,863	14,944	14,475	73	76	57 787	490,881	3 300,655	6,724	6,255
24	27	98 609	20 563,117	306 276,592	14,894	14,425	74	77	54 878	436,693	2 809,774	6,434	5,965
25	28	98 544	19 250,011	285 713,475	14,842	14,373	75	78	51 894	386,836	2 373,081	6,135	5,665
26	29	98 477	18 020,543	266 463,463	14,787	14,318	76	79	48 754	340,447	1 986,245	5,834	5,365
27	30	98 409	16 869,468	248 442,920	14,727	14,258	77	80	45 482	297,519	1 645,798	5,532	5,063
28	31	98 337	15 791,206	231 573,452	14,665	14,196	78	81	42 112	258,054	1 348,279	5,225	4,756
29	32	98 260	14 781,096	215 782,246	14,599	14,129	79	82	38 603	221,593	1 090,225	4,920	4,451
30	33	98 178	13 834,980	201 001,149	14,528	14,059	80	83	34 968	188,037	868,633	4,619	4,150
31	34	98 092	12 948,788	187 166,169	14,454	13,985	81	84	31 195	157,141	680,595	4,331	3,862
32	35	97 998	12 118,425	174 217,381	14,376	13,907	82	85	27 389	129,242	523,454	4,050	3,581
33	36	97 893	11 339,922	162 098,956	14,295	13,825	83	86	23 610	104,365	394,212	3,777	3,308
34	37	97 777	10 610,368	150 759,033	14,209	13,740	84	87	19 890	82,364	289,847	3,519	3,050
35	38	97 659	9 927,455	140 148,665	14,117	13,648	85	88	16 314	63,283	207,484	3,279	2,810
36	39	97 532	9 287,553	130 221,210	14,021	13,552	86	89	12 991	47,208	144,200	3,055	2,585
37	40	97 382	8 686,945	120 933,656	13,921	13,452	87	90	10 020	34,109	96,992	2,844	2,374
38	41	97 223	8 124,389	112 246,711	13,816	13,347	88	91	7 443	23,735	62,884	2,649	2,180
39	42	97 053	7 597,363	104 122,323	13,705	13,236	89	92	5 297	15,824	39,148	2,474	2,005
40	43	96 863	7 103,015	96 524,959	13,589	13,120	90	93	3 591	10,049	23,325	2,321	1,852
41	44	96 657	6 639,691	89 421,945	13,468	12,999	91	94	2 318	6,077	13,276	2,185	1,715
42	45	96 425	6 204,953	82 782,254	13,341	12,872	92	95	1 428	3,506	7,199	2,053	1,584
43	46	96 185	5 798,136	76 577,301	13,207	12,738	93	96	826	1,901	3,693	1,943	1,473
44	47	95 918	5 416,426	70 779,165	13,068	12,598	94	97	450	0,969	1,792	1,849	1,380
45	48	95 627	5 058,557	65 362,739	12,921	12,452	95	98	232	0,467	0,823	1,760	1,291
46	49	95 303	4 722,613	60 304,182	12,769	12,300	96	99	112	0,211	0,355	1,680	1,211
47	50	94 946	4 407,433	55 581,569	12,611	12,142	97	100	50	0,089	0,144	1,614	1,145
48	51	94 550	4 111,521	51 174,135	12,447	11,977							
49	52	94 106	3 833,458	47 062,614	12,277	11,808							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	1 547 171,324	15,524	15,054	50	54	93 391	3 563,767	42 828,307	12,018	11,549
1	5	99 319	93 038,867	1 447 505,726	15,558	15,089	51	55	92 834	3 318,530	39 264,540	11,832	11,363
2	6	99 288	87 128,863	1 354 466,859	15,546	15,076	52	56	92 214	3 087,930	35 946,010	11,641	11,172
3	7	99 268	81 602,728	1 267 337,996	15,531	15,061	53	57	91 535	2 871,373	32 858,080	11,443	10,974
4	8	99 251	76 430,135	1 185 735,268	15,514	15,045	54	58	90 780	2 667,611	29 986,707	11,241	10,772
5	9	99 233	71 583,987	1 109 305,133	15,497	15,027	55	59	89 948	2 476,040	27 319,096	11,033	10,564
6	10	99 219	67 047,941	1 037 721,146	15,477	15,008	56	60	89 022	2 295,597	24 843,056	10,822	10,353
7	11	99 204	62 799,229	970 673,204	15,457	14,988	57	61	88 005	2 125,866	22 547,459	10,606	10,137
8	12	99 187	58 818,077	907 873,975	15,435	14,965	58	62	86 894	1 966,319	20 421,593	10,386	9,917
9	13	99 173	55 091,223	849 055,898	15,412	14,943	59	63	85 695	1 816,569	18 455,274	10,159	9,690
10	14	99 157	51 599,482	793 964,676	15,387	14,918	60	64	84 376	1 675,513	16 638,705	9,931	9,461
11	15	99 141	48 328,693	742 365,194	15,361	14,892	61	65	82 951	1 543,053	14 963,192	9,697	9,228
12	16	99 122	45 264,410	694 036,501	15,333	14,864	62	66	81 415	1 418,710	13 420,139	9,459	8,990
13	17	99 101	42 393,084	648 772,091	15,304	14,835	63	67	79 753	1 301,880	12 001,429	9,219	8,749
14	18	99 079	39 703,652	606 379,007	15,273	14,803	64	68	77 983	1 192,496	10 699,549	8,972	8,503
15	19	99 050	37 182,485	566 675,355	15,240	14,771	65	69	76 097	1 090,067	9 507,053	8,722	8,252
16	20	99 019	34 820,230	529 492,869	15,206	14,737	66	70	74 063	993,854	8 416,986	8,469	8,000
17	21	98 980	32 605,686	494 672,639	15,171	14,702	67	71	71 905	903,881	7 423,132	8,213	7,743
18	22	98 937	30 530,639	462 066,953	15,135	14,665	68	72	69 630	819,932	6 519,252	7,951	7,482
19	23	98 882	28 584,294	431 536,314	15,097	14,628	69	73	67 242	741,746	5 699,320	7,684	7,215
20	24	98 826	26 761,673	402 952,020	15,057	14,588	70	74	64 723	668,811	4 957,574	7,413	6,943
21	25	98 769	25 055,022	376 190,347	15,015	14,545	71	75	62 115	601,276	4 288,762	7,133	6,664
22	26	98 710	23 456,692	351 135,325	14,970	14,500	72	76	59 347	538,160	3 687,486	6,852	6,383
23	27	98 651	21 960,356	327 678,632	14,921	14,452	73	77	56 507	480,008	3 149,326	6,561	6,092
24	28	98 589	20 558,804	305 718,277	14,870	14,401	74	78	53 564	426,239	2 669,317	6,262	5,793
25	29	98 520	19 245,430	285 159,472	14,817	14,348	75	79	50 482	376,311	2 243,078	5,961	5,492
26	30	98 452	18 016,096	265 914,042	14,760	14,291	76	80	47 252	329,958	1 866,767	5,658	5,188
27	31	98 381	16 864,698	247 897,946	14,699	14,230	77	81	43 879	287,028	1 536,809	5,354	4,885
28	32	98 305	15 786,122	231 033,248	14,635	14,166	78	82	40 410	247,624	1 249,781	5,047	4,578
29	33	98 227	14 776,131	215 247,127	14,567	14,098	79	83	36 788	211,178	1 002,156	4,746	4,276
30	34	98 144	13 830,135	200 470,995	14,495	14,026	80	84	33 038	177,658	790,979	4,452	3,983
31	35	98 055	12 943,844	186 640,860	14,419	13,950	81	85	29 205	147,117	613,320	4,169	3,700
32	36	97 953	12 112,767	173 697,016	14,340	13,871	82	86	25 370	119,718	466,203	3,894	3,425
33	37	97 846	11 334,515	161 584,249	14,256	13,787	83	87	21 596	95,465	346,485	3,629	3,160
34	38	97 728	10 605,011	150 249,734	14,168	13,699	84	88	17 919	74,202	251,020	3,383	2,914
35	39	97 605	9 921,954	139 644,723	14,074	13,605	85	89	14 466	56,113	176,819	3,151	2,682
36	40	97 468	9 281,510	129 722,769	13,976	13,507	86	90	11 318	41,127	120,706	2,935	2,466
37	41	97 320	8 681,445	120 441,259	13,873	13,404	87	91	8 546	29,091	79,578	2,736	2,266
38	42	97 152	8 118,434	111 759,814	13,766	13,297	88	92	6 208	19,797	50,488	2,550	2,081
39	43	96 975	7 591,233	103 641,380	13,653	13,184	89	93	4 302	12,850	30,691	2,388	1,919
40	44	96 776	7 096,653	96 050,147	13,535	13,065	90	94	2 839	7,944	17,841	2,246	1,777
41	45	96 565	6 633,411	88 953,494	13,410	12,941	91	95	1 786	4,683	9,897	2,114	1,644
42	46	96 321	6 198,278	82 320,083	13,281	12,812	92	96	1 065	2,615	5,214	1,994	1,525
43	47	96 071	5 791,270	76 121,805	13,144	12,675	93	97	596	1,370	2,600	1,898	1,428
44	48	95 793	5 409,388	70 330,535	13,002	12,532	94	98	317	0,683	1,230	1,799	1,330
45	49	95 482	5 050,882	64 921,147	12,853	12,384	95	99	158	0,318	0,546	1,716	1,247
46	50	95 142	4 714,660	59 870,264	12,699	12,230	96	100	73	0,139	0,228	1,642	1,173
47	51	94 771	4 399,307	55 155,604	12,537	12,068							
48	52	94 354	4 102,984	50 756,298	12,371	11,901							
49	53	93 898	3 825,007	46 653,314	12,197	11,728							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	1 546 440,747	15,518	15,049	50	55	93 133	3 553,951	42 395,865	11,929	11,460
1	6	99 312	93 032,545	1 446 784,323	15,551	15,082	51	56	92 545	3 308,202	38 841,914	11,741	11,272
2	7	99 281	87 122,502	1 353 751,778	15,538	15,069	52	57	91 902	3 077,488	35 533,712	11,546	11,077
3	8	99 263	81 598,842	1 266 629,276	15,523	15,054	53	58	91 191	2 860,587	32 456,225	11,346	10,877
4	9	99 244	76 424,627	1 185 030,434	15,506	15,037	54	59	90 401	2 656,477	29 595,638	11,141	10,672
5	10	99 228	71 580,183	1 108 605,808	15,488	15,018	55	60	89 531	2 464,565	26 939,160	10,931	10,461
6	11	99 213	67 044,214	1 037 025,625	15,468	14,999	56	61	88 566	2 283,828	24 474,595	10,716	10,247
7	12	99 196	62 794,399	969 981,411	15,447	14,978	57	62	87 513	2 113,991	22 190,768	10,497	10,028
8	13	99 181	58 814,360	907 187,012	15,425	14,955	58	63	86 362	1 954,282	20 076,777	10,273	9,804
9	14	99 165	55 086,869	848 372,652	15,401	14,932	59	64	85 116	1 804,288	18 122,495	10,044	9,575
10	15	99 148	51 594,722	793 285,784	15,375	14,906	60	65	83 751	1 663,099	16 318,207	9,812	9,343
11	16	99 129	48 323,098	741 691,062	15,349	14,879	61	66	82 286	1 530,688	14 655,108	9,574	9,105
12	17	99 110	45 258,624	693 367,964	15,320	14,851	62	67	80 702	1 406,286	13 124,420	9,333	8,864
13	18	99 088	42 387,588	648 109,341	15,290	14,821	63	68	79 007	1 289,697	11 718,134	9,086	8,617
14	19	99 063	39 697,207	605 721,753	15,259	14,789	64	69	77 188	1 180,328	10 428,437	8,835	8,366
15	20	99 034	37 176,374	566 024,546	15,225	14,756	65	70	75 218	1 077,480	9 248,109	8,583	8,114
16	21	99 003	34 814,531	528 848,172	15,190	14,721	66	71	73 134	981,379	8 170,629	8,326	7,857
17	22	98 963	32 600,150	494 033,641	15,154	14,685	67	72	70 912	891,394	7 189,250	8,065	7,596
18	23	98 920	30 525,517	461 433,491	15,116	14,647	68	73	68 589	807,676	6 297,856	7,798	7,328
19	24	98 866	28 579,619	430 907,975	15,077	14,608	69	74	66 116	729,332	5 490,180	7,528	7,059
20	25	98 810	26 757,277	402 328,356	15,036	14,567	70	75	63 545	656,644	4 760,848	7,250	6,781
21	26	98 750	25 050,151	375 571,079	14,993	14,524	71	76	60 865	589,179	4 104,204	6,966	6,497
22	27	98 692	23 452,512	350 520,928	14,946	14,477	72	77	58 033	526,240	3 515,025	6,680	6,210
23	28	98 630	21 955,749	327 068,416	14,897	14,428	73	78	55 155	468,518	2 988,785	6,379	5,910
24	29	98 565	20 553,912	305 112,667	14,845	14,375	74	79	52 107	414,642	2 520,267	6,078	5,609
25	30	98 496	19 240,681	284 558,755	14,789	14,320	75	80	48 927	364,718	2 105,625	5,773	5,304
26	31	98 424	18 011,002	265 318,074	14,731	14,262	76	81	45 586	318,323	1 740,907	5,469	5,000
27	32	98 349	16 859,267	247 307,073	14,669	14,200	77	82	42 105	275,428	1 422,584	5,165	4,696
28	33	98 272	15 780,819	230 447,806	14,603	14,134	78	83	38 511	235,985	1 147,156	4,861	4,392
29	34	98 192	14 770,956	214 666,987	14,533	14,064	79	84	34 758	199,521	911,170	4,567	4,098
30	35	98 106	13 824,855	199 896,030	14,459	13,990	80	85	30 931	166,326	711,649	4,279	3,810
31	36	98 009	12 937,800	186 071,176	14,382	13,913	81	86	27 053	136,275	545,323	4,002	3,532
32	37	97 906	12 106,991	173 133,375	14,300	13,831	82	87	23 207	109,509	409,047	3,735	3,266
33	38	97 797	11 328,792	161 026,385	14,214	13,745	83	88	19 456	86,005	299,539	3,483	3,014
34	39	97 674	10 599,135	149 697,593	14,124	13,654	84	89	15 889	65,794	213,534	3,245	2,776
35	40	97 542	9 915,498	139 098,458	14,028	13,559	85	90	12 602	48,885	147,740	3,022	2,553
36	41	97 406	9 275,634	129 182,960	13,927	13,458	86	91	9 653	35,077	98,854	2,818	2,349
37	42	97 249	8 675,082	119 907,326	13,822	13,353	87	92	7 128	24,264	63,778	2,629	2,159
38	43	97 074	8 111,884	111 232,244	13,712	13,243	88	93	5 041	16,076	39,514	2,458	1,989
39	44	96 888	7 584,434	103 120,360	13,596	13,127	89	94	3 401	10,158	23,438	2,307	1,838
40	45	96 685	7 089,940	95 535,926	13,475	13,006	90	95	2 188	6,121	13,279	2,169	1,700
41	46	96 461	6 626,275	88 445,986	13,348	12,879	91	96	1 332	3,492	7,158	2,050	1,581
42	47	96 207	6 190,939	81 819,711	13,216	12,747	92	97	767	1,884	3,666	1,945	1,476
43	48	95 946	5 783,745	75 628,772	13,076	12,607	93	98	420	0,966	1,782	1,844	1,375
44	49	95 648	5 401,182	69 845,027	12,931	12,462	94	99	216	0,465	0,816	1,752	1,283
45	50	95 321	5 042,376	64 443,846	12,780	12,311	95	100	104	0,209	0,350	1,675	1,206
46	51	94 967	4 705,967	59 401,469	12,623	12,153							
47	52	94 574	4 390,171	54 695,502	12,459	11,989							
48	53	94 146	4 093,939	50 305,331	12,288	11,819							
49	54	93 666	3 815,526	46 211,392	12,111	11,642							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	1 545 655,949	15,511	15,042	50	56	92 844	3 542,890	41 930,307	11,835	11,366
1	7	99 305	93 025,752	1 446 006,296	15,544	15,075	51	57	92 232	3 297,015	38 387,417	11,643	11,174
2	8	99 276	87 118,352	1 352 980,544	15,530	15,061	52	58	91 557	3 065,928	35 090,403	11,445	10,976
3	9	99 256	81 592,961	1 265 862,192	15,514	15,045	53	59	90 811	2 848,648	32 024,475	11,242	10,773
4	10	99 239	76 420,565	1 184 269,231	15,497	15,028	54	60	89 982	2 644,166	29 175,827	11,034	10,565
5	11	99 222	71 576,203	1 107 848,666	15,478	15,009	55	61	89 072	2 451,930	26 531,661	10,821	10,352
6	12	99 205	67 039,058	1 036 272,463	15,458	14,989	56	62	88 071	2 271,070	24 079,731	10,603	10,134
7	13	99 190	62 790,431	969 233,405	15,436	14,967	57	63	86 977	2 101,049	21 808,661	10,380	9,911
8	14	99 173	58 809,711	906 442,974	15,413	14,944	58	64	85 779	1 941,070	19 707,612	10,153	9,684
9	15	99 156	55 081,787	847 633,263	15,389	14,920	59	65	84 485	1 790,921	17 766,542	9,920	9,451
10	16	99 137	51 588,748	792 551,476	15,363	14,894	60	66	83 080	1 649,771	15 975,621	9,684	9,214
11	17	99 117	48 316,920	740 962,728	15,335	14,866	61	67	81 566	1 517,282	14 325,850	9,442	8,973
12	18	99 097	45 252,756	692 645,808	15,306	14,837	62	68	79 946	1 393,126	12 808,567	9,194	8,725
13	19	99 072	42 380,707	647 393,052	15,276	14,807	63	69	78 201	1 276,537	11 415,442	8,943	8,473
14	20	99 046	39 690,682	605 012,345	15,243	14,774	64	70	76 296	1 166,700	10 138,904	8,690	8,221
15	21	99 018	37 170,289	565 321,662	15,209	14,740	65	71	74 274	1 063,956	8 972,205	8,433	7,964
16	22	98 986	34 808,619	528 151,374	15,173	14,704	66	72	72 123	967,822	7 908,249	8,171	7,702
17	23	98 947	32 594,680	493 342,754	15,136	14,667	67	73	69 852	878,069	6 940,427	7,904	7,435
18	24	98 904	30 520,524	460 748,074	15,096	14,627	68	74	67 441	794,158	6 062,357	7,634	7,165
19	25	98 850	28 574,924	430 227,550	15,056	14,587	69	75	64 914	716,064	5 268,199	7,357	6,888
20	26	98 790	26 752,075	401 652,626	15,014	14,545	70	76	62 267	643,433	4 552,135	7,075	6,606
21	27	98 732	25 045,686	374 900,551	14,969	14,500	71	77	59 517	576,129	3 908,702	6,784	6,315
22	28	98 671	23 447,593	349 854,865	14,921	14,452	72	78	56 643	513,643	3 332,573	6,488	6,019
23	29	98 607	21 950,524	326 407,273	14,870	14,401	73	79	53 654	455,771	2 818,930	6,185	5,716
24	30	98 541	20 548,840	304 456,748	14,816	14,347	74	80	50 502	401,868	2 363,160	5,880	5,411
25	31	98 468	19 235,240	283 907,909	14,760	14,291	75	81	47 202	351,857	1 961,292	5,574	5,105
26	32	98 393	18 005,202	264 672,669	14,700	14,231	76	82	43 743	305,458	1 609,435	5,269	4,800
27	33	98 316	16 853,604	246 667,467	14,636	14,167	77	83	40 126	262,482	1 303,976	4,968	4,499
28	34	98 238	15 775,292	229 813,863	14,568	14,099	78	84	36 385	222,960	1 041,494	4,671	4,202
29	35	98 155	14 765,317	214 038,571	14,496	14,027	79	85	32 541	186,794	818,534	4,382	3,913
30	36	98 061	13 818,399	199 273,254	14,421	13,952	80	86	28 651	154,069	631,740	4,100	3,631
31	37	97 962	12 931,631	185 454,855	14,341	13,872	81	87	24 746	124,654	477,671	3,832	3,363
32	38	97 856	12 100,878	172 523,224	14,257	13,788	82	88	20 907	98,657	353,017	3,578	3,109
33	39	97 742	11 322,514	160 422,346	14,168	13,699	83	89	17 252	76,260	254,360	3,335	2,866
34	40	97 610	10 592,238	149 099,832	14,076	13,607	84	90	13 842	57,320	178,100	3,107	2,638
35	41	97 480	9 909,221	138 507,593	13,978	13,509	85	91	10 748	41,693	120,780	2,897	2,428
36	42	97 335	9 268,836	128 598,373	13,874	13,405	86	92	7 851	29,257	79,087	2,703	2,234
37	43	97 171	8 668,083	119 329,537	13,767	13,297	87	93	5 788	19,704	49,830	2,529	2,060
38	44	96 987	8 104,618	110 661,455	13,654	13,185	88	94	3 985	12,709	30,127	2,371	1,901
39	45	96 797	7 577,260	102 556,837	13,535	13,066	89	95	2 620	7,827	17,418	2,225	1,756
40	46	96 581	7 082,314	94 979,577	13,411	12,942	90	96	1 631	4,565	9,591	2,101	1,632
41	47	96 347	6 618,429	87 897,263	13,281	12,812	91	97	960	2,517	5,026	1,997	1,528
42	48	96 082	6 182,894	81 278,834	13,146	12,677	92	98	541	1,329	2,509	1,888	1,419
43	49	95 801	5 774,971	75 095,940	13,004	12,535	93	99	286	0,658	1,180	1,794	1,325
44	50	95 487	5 392,086	69 320,970	12,856	12,387	94	100	142	0,306	0,522	1,709	1,239
45	51	95 146	5 033,079	63 928,884	12,702	12,233							
46	52	94 770	4 696,195	58 895,805	12,541	12,072							
47	53	94 366	4 380,494	54 199,611	12,373	11,904							
48	54	93 912	4 083,792	49 819,117	12,199	11,730							
49	55	93 408	3 805,017	45 735,325	12,020	11,551							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	1 544 810,316	15,504	15,034	50	57	92 530	3 530,909	41 430,366	11,734	11,264
1	8	99 300	93 021,322	1 445 167,939	15,536	15,067	51	58	91 886	3 284,630	37 899,457	11,538	11,069
2	9	99 269	87 112,074	1 352 146,617	15,522	15,053	52	59	91 175	3 053,132	34 614,827	11,337	10,868
3	10	99 251	81 588,624	1 265 034,543	15,505	15,036	53	60	90 390	2 835,446	31 561,695	11,131	10,662
4	11	99 233	76 416,316	1 183 445,919	15,487	15,018	54	61	89 520	2 630,610	28 726,249	10,920	10,451
5	12	99 214	71 570,699	1 107 029,603	15,468	14,999	55	62	88 575	2 438,233	26 095,639	10,703	10,234
6	13	99 199	67 034,821	1 035 458,905	15,447	14,977	56	63	87 532	2 257,166	23 657,406	10,481	10,012
7	14	99 182	62 785,468	968 424,083	15,424	14,955	57	64	86 389	2 086,846	21 400,240	10,255	9,786
8	15	99 164	58 804,286	905 638,615	15,401	14,932	58	65	85 143	1 926,689	19 313,394	10,024	9,555
9	16	99 145	55 075,410	846 834,329	15,376	14,907	59	66	83 808	1 776,569	17 386,705	9,787	9,318
10	17	99 124	51 582,153	791 758,920	15,349	14,880	60	67	82 352	1 635,323	15 610,136	9,546	9,076
11	18	99 104	48 310,656	740 176,766	15,321	14,852	61	68	80 802	1 503,084	13 974,813	9,297	8,828
12	19	99 081	45 245,410	691 866,111	15,291	14,822	62	69	79 131	1 378,910	12 471,729	9,045	8,575
13	20	99 056	42 373,741	646 620,700	15,260	14,791	63	70	77 298	1 261,798	11 092,819	8,791	8,322
14	21	99 030	39 684,186	604 246,959	15,226	14,757	64	71	75 339	1 152,055	9 831,021	8,533	8,064
15	22	99 001	37 163,977	564 562,773	15,191	14,722	65	72	73 248	1 049,258	8 678,965	8,272	7,802
16	23	98 969	34 802,929	527 398,796	15,154	14,685	66	73	71 045	953,355	7 629,707	8,003	7,534
17	24	98 930	32 589,349	492 596,017	15,115	14,646	67	74	68 683	863,374	6 676,352	7,733	7,264
18	25	98 888	30 515,510	460 006,668	15,075	14,605	68	75	66 214	779,711	5 812,978	7,455	6,986
19	26	98 830	28 569,368	429 491,157	15,033	14,564	69	76	63 608	701,657	5 033,267	7,173	6,704
20	27	98 773	26 747,307	400 921,789	14,989	14,520	70	77	60 887	629,181	4 331,610	6,885	6,415
21	28	98 711	25 040,433	374 174,482	14,943	14,474	71	78	58 092	562,337	3 702,429	6,584	6,115
22	29	98 648	23 442,012	349 134,049	14,894	14,424	72	79	55 102	499,668	3 140,092	6,284	5,815
23	30	98 582	21 945,108	325 692,037	14,841	14,372	73	80	52 001	441,729	2 640,424	5,977	5,508
24	31	98 513	20 543,029	303 746,929	14,786	14,317	74	81	48 721	387,697	2 198,695	5,671	5,202
25	32	98 436	19 229,046	283 203,901	14,728	14,259	75	82	45 294	337,637	1 810,997	5,364	4,895
26	33	98 360	17 999,154	263 974,854	14,666	14,197	76	83	41 687	291,101	1 473,360	5,061	4,592
27	34	98 282	16 847,701	245 975,701	14,600	14,131	77	84	37 911	247,994	1 182,259	4,767	4,298
28	35	98 200	15 769,269	229 127,999	14,530	14,061	78	85	34 064	208,738	934,265	4,476	4,007
29	36	98 109	14 758,422	213 358,730	14,457	13,988	79	86	30 143	173,029	725,527	4,193	3,724
30	37	98 014	13 811,810	198 600,308	14,379	13,910	80	87	26 208	140,930	552,499	3,920	3,451
31	38	97 913	12 925,101	184 788,498	14,297	13,828	81	88	22 294	112,301	411,569	3,665	3,196
32	39	97 802	12 094,172	171 863,397	14,210	13,741	82	89	18 538	87,479	299,267	3,421	2,952
33	40	97 679	11 315,147	159 769,224	14,120	13,651	83	90	15 030	66,437	211,788	3,188	2,719
34	41	97 549	10 585,532	148 454,077	14,024	13,555	84	91	11 806	48,887	145,351	2,973	2,504
35	42	97 409	9 901,958	137 868,544	13,923	13,454	85	92	8 965	34,775	96,464	2,774	2,305
36	43	97 256	9 261,357	127 966,587	13,817	13,348	86	93	6 538	23,758	61,689	2,597	2,127
37	44	97 084	8 660,319	118 705,230	13,707	13,238	87	94	4 576	15,576	37,931	2,435	1,966
38	45	96 895	8 096,952	110 044,911	13,591	13,122	88	95	3 071	9,793	22,354	2,283	1,814
39	46	96 692	7 569,110	101 947,959	13,469	13,000	89	96	1 954	5,837	12,562	2,152	1,683
40	47	96 466	7 073,927	94 378,850	13,342	12,873	90	97	1 176	3,290	6,724	2,044	1,575
41	48	96 222	6 609,829	87 304,923	13,208	12,739	91	98	677	1,775	3,435	1,935	1,466
42	49	95 936	6 173,514	80 695,094	13,071	12,602	92	99	369	0,905	1,660	1,834	1,365
43	50	95 639	5 765,245	74 521,580	12,926	12,457	93	100	188	0,432	0,755	1,747	1,277
44	51	95 311	5 382,143	68 756,335	12,775	12,306							
45	52	94 948	5 022,627	63 374,192	12,618	12,149							
46	53	94 561	4 685,843	58 351,564	12,453	11,984							
47	54	94 132	4 369,636	53 665,722	12,282	11,812							
48	55	93 654	4 072,544	49 296,085	12,104	11,635							
49	56	93 117	3 793,175	45 223,541	11,922	11,453							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	1 543 899,953	15,495	15,026	50	58	92 182	3 517,646	40 894,398	11,626	11,156
1	9	99 293	93 014,618	1 444 262,321	15,527	15,058	51	59	91 502	3 270,922	37 376,752	11,427	10,958
2	10	99 264	87 107,443	1 351 247,704	15,512	15,043	52	60	90 752	3 038,982	34 105,830	11,223	10,754
3	11	99 245	81 584,088	1 264 140,260	15,495	15,026	53	61	89 926	2 820,909	31 066,848	11,013	10,544
4	12	99 226	76 410,439	1 182 556,172	15,476	15,007	54	62	89 020	2 615,915	28 245,938	10,798	10,329
5	13	99 208	71 566,176	1 106 145,732	15,456	14,987	55	63	88 032	2 423,306	25 630,024	10,576	10,107
6	14	99 191	67 029,523	1 034 579,557	15,435	14,966	56	64	86 940	2 241,908	23 206,718	10,351	9,882
7	15	99 173	62 779,676	967 550,034	15,412	14,943	57	65	85 749	2 071,385	20 964,810	10,121	9,652
8	16	99 152	58 797,478	904 770,358	15,388	14,919	58	66	84 461	1 911,250	18 893,425	9,885	9,416
9	17	99 132	55 068,369	845 972,880	15,362	14,893	59	67	83 074	1 761,010	16 982,176	9,643	9,174
10	18	99 111	51 575,466	790 904,511	15,335	14,866	60	68	81 582	1 620,020	15 221,166	9,396	8,927
11	19	99 088	48 302,814	739 329,045	15,306	14,837	61	69	79 978	1 487,746	13 601,146	9,142	8,673
12	20	99 064	45 237,974	691 026,231	15,275	14,806	62	70	78 217	1 362,989	12 113,400	8,887	8,418
13	21	99 039	42 366,805	645 788,258	15,243	14,774	63	71	76 327	1 245,960	10 750,411	8,628	8,159
14	22	99 013	39 677,448	603 421,453	15,208	14,739	64	72	74 298	1 136,140	9 504,451	8,366	7,896
15	23	98 985	37 157,742	563 744,005	15,172	14,703	65	73	72 153	1 033,574	8 368,310	8,096	7,627
16	24	98 953	34 797,087	526 586,263	15,133	14,664	66	74	69 856	937,400	7 334,736	7,825	7,355
17	25	98 914	32 583,996	491 789,176	15,093	14,624	67	75	67 433	847,667	6 397,337	7,547	7,078
18	26	98 869	30 509,578	459 205,180	15,051	14,582	68	76	64 882	764,023	5 549,669	7,264	6,795
19	27	98 813	28 564,276	428 695,603	15,008	14,539	69	77	62 199	686,116	4 785,646	6,975	6,506
20	28	98 752	26 741,697	400 131,326	14,963	14,494	70	78	59 430	614,120	4 099,530	6,675	6,206
21	29	98 688	25 034,473	373 389,630	14,915	14,446	71	79	56 512	547,038	3 485,410	6,371	5,902
22	30	98 624	23 436,228	348 355,156	14,864	14,395	72	80	53 405	484,274	2 938,373	6,068	5,598
23	31	98 554	21 938,902	324 918,929	14,810	14,341	73	81	50 167	426,153	2 454,099	5,759	5,290
24	32	98 481	20 536,414	302 980,027	14,753	14,284	74	82	46 752	372,028	2 027,946	5,451	4,982
25	33	98 403	19 222,587	282 443,613	14,693	14,224	75	83	43 165	321,767	1 655,917	5,146	4,677
26	34	98 325	17 992,850	263 221,026	14,629	14,160	76	84	39 386	275,033	1 334,150	4,851	4,382
27	35	98 244	16 841,269	245 228,176	14,561	14,092	77	85	35 493	232,175	1 059,117	4,562	4,093
28	36	98 154	15 761,906	228 386,907	14,490	14,021	78	86	31 554	193,355	826,941	4,277	3,808
29	37	98 062	14 751,385	212 625,001	14,414	13,945	79	87	27 572	158,273	633,586	4,003	3,534
30	38	97 964	13 804,836	197 873,617	14,334	13,865	80	88	23 611	126,965	475,313	3,744	3,275
31	39	97 858	12 917,939	184 068,781	14,249	13,780	81	89	19 768	99,577	348,349	3,498	3,029
32	40	97 739	12 086,303	171 150,841	14,161	13,692	82	90	16 150	76,211	248,771	3,264	2,795
33	41	97 617	11 307,984	159 064,538	14,067	13,597	83	91	12 818	56,663	172,560	3,045	2,576
34	42	97 477	10 577,774	147 756,554	13,969	13,499	84	92	9 847	40,775	115,897	2,842	2,373
35	43	97 330	9 893,968	137 178,781	13,865	13,396	85	93	7 280	28,239	75,122	2,660	2,191
36	44	97 169	9 253,062	127 284,812	13,756	13,287	86	94	5 169	18,782	46,883	2,496	2,027
37	45	96 992	8 652,127	118 031,751	13,642	13,173	87	95	3 526	12,002	28,101	2,341	1,872
38	46	96 791	8 088,242	109 379,624	13,523	13,054	88	96	2 290	7,303	16,099	2,204	1,735
39	47	96 578	7 560,146	101 291,381	13,398	12,929	89	97	1 408	4,207	8,796	2,091	1,622
40	48	96 341	7 064,735	93 731,235	13,267	12,798	90	98	829	2,320	4,589	1,978	1,509
41	49	96 076	6 599,801	86 666,500	13,132	12,663	91	99	461	1,209	2,269	1,877	1,408
42	50	95 775	6 163,117	80 066,699	12,991	12,522	92	100	242	0,594	1,060	1,783	1,314
43	51	95 463	5 754,615	73 903,581	12,842	12,373							
44	52	95 113	5 370,967	68 148,967	12,688	12,219							
45	53	94 739	5 011,555	62 777,999	12,527	12,058							
46	54	94 326	4 674,228	57 766,444	12,358	11,889							
47	55	93 872	4 357,601	53 092,216	12,184	11,715							
48	56	93 362	4 059,869	48 734,615	12,004	11,535							
49	57	92 802	3 780,348	44 674,746	11,818	11,349							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	1 542 917,499	15,486	15,017	50	59	91 797	3 502,965	40 321,090	11,511	11,041
1	10	99 288	93 009,674	1 443 287,048	15,518	15,048	51	60	91 078	3 255,763	36 818,125	11,309	10,839
2	11	99 258	87 102,601	1 350 277,374	15,502	15,033	52	61	90 287	3 023,402	33 562,362	11,101	10,632
3	12	99 237	81 577,814	1 263 174,773	15,484	15,015	53	62	89 424	2 805,151	30 538,960	10,887	10,418
4	13	99 219	76 405,610	1 181 596,959	15,465	14,996	54	63	88 475	2 599,900	27 733,809	10,667	10,198
5	14	99 200	71 560,519	1 105 191,349	15,444	14,975	55	64	87 437	2 406,924	25 133,908	10,442	9,973
6	15	99 182	67 023,339	1 033 630,830	15,422	14,953	56	65	86 296	2 225,298	22 726,984	10,213	9,744
7	16	99 162	62 772,408	966 607,490	15,399	14,929	57	66	85 062	2 054,785	20 501,687	9,978	9,508
8	17	99 139	58 789,961	903 835,082	15,374	14,905	58	67	83 721	1 894,511	18 446,901	9,737	9,268
9	18	99 119	55 061,229	845 045,121	15,347	14,878	59	68	82 297	1 744,531	16 552,390	9,488	9,019
10	19	99 095	51 567,094	789 983,892	15,320	14,850	60	69	80 749	1 603,489	14 807,860	9,235	8,766
11	20	99 071	48 294,874	738 416,798	15,290	14,821	61	70	79 054	1 470,568	13 204,370	8,979	8,510
12	21	99 048	45 230,569	690 121,923	15,258	14,789	62	71	77 235	1 345,881	11 733,802	8,718	8,249
13	22	99 023	42 359,612	644 891,355	15,224	14,755	63	72	75 273	1 228,748	10 387,921	8,454	7,985
14	23	98 997	39 670,791	602 531,743	15,188	14,719	64	73	73 187	1 119,157	9 159,173	8,184	7,715
15	24	98 968	37 151,665	562 860,952	15,150	14,681	65	74	70 945	1 016,276	8 040,016	7,911	7,442
16	25	98 937	34 791,371	525 709,288	15,110	14,641	66	75	68 585	920,346	7 023,740	7,632	7,162
17	26	98 895	32 577,661	490 917,917	15,069	14,600	67	76	66 076	830,612	6 103,393	7,348	6,879
18	27	98 851	30 504,140	458 340,256	15,026	14,556	68	77	63 445	747,101	5 272,781	7,058	6,589
19	28	98 792	28 558,285	427 836,116	14,981	14,512	69	78	60 710	669,692	4 525,680	6,758	6,289
20	29	98 729	26 735,332	399 277,831	14,934	14,465	70	79	57 813	597,411	3 855,989	6,454	5,985
21	30	98 664	25 028,296	372 542,499	14,885	14,416	71	80	54 770	530,184	3 258,578	6,146	5,677
22	31	98 596	23 429,600	347 514,203	14,832	14,363	72	81	51 522	467,198	2 728,393	5,840	5,371
23	32	98 523	21 931,837	324 084,603	14,777	14,308	73	82	48 140	408,930	2 261,195	5,530	5,060
24	33	98 448	20 529,515	302 152,766	14,718	14,249	74	83	44 554	354,542	1 852,266	5,224	4,755
25	34	98 369	19 215,855	281 623,250	14,656	14,187	75	84	40 783	304,007	1 497,723	4,927	4,457
26	35	98 288	17 985,981	262 407,395	14,590	14,120	76	85	36 874	257,489	1 193,716	4,636	4,167
27	36	98 198	16 833,405	244 421,415	14,520	14,051	77	86	32 877	215,065	936,227	4,353	3,884
28	37	98 108	15 754,390	227 588,010	14,446	13,977	78	87	28 863	176,866	721,161	4,077	3,608
29	38	98 013	14 743,936	211 833,620	14,368	13,898	79	88	24 840	142,589	544,295	3,817	3,348
30	39	97 910	13 797,187	197 089,684	14,285	13,816	80	89	20 936	112,579	401,706	3,568	3,099
31	40	97 795	12 909,534	183 292,497	14,198	13,729	81	90	17 222	86,751	289,127	3,333	2,864
32	41	97 677	12 078,651	170 382,963	14,106	13,637	82	91	13 774	64,999	202,376	3,114	2,644
33	42	97 545	11 299,695	158 304,312	14,010	13,540	83	92	10 692	47,261	137,377	2,907	2,438
34	43	97 398	10 569,239	147 004,616	13,909	13,440	84	93	7 996	33,112	90,116	2,722	2,252
35	44	97 243	9 885,106	136 435,377	13,802	13,333	85	94	5 755	22,324	57,004	2,553	2,084
36	45	97 077	9 244,310	126 550,271	13,690	13,220	86	95	3 983	14,472	34,680	2,396	1,927
37	46	96 887	8 642,820	117 305,961	13,573	13,104	87	96	2 629	8,951	20,208	2,258	1,789
38	47	96 676	8 078,664	108 663,141	13,451	12,982	88	97	1 650	5,263	11,257	2,139	1,670
39	48	96 452	7 550,323	100 584,477	13,322	12,853	89	98	993	2,967	5,994	2,020	1,551
40	49	96 195	7 054,017	93 034,154	13,189	12,720	90	99	565	1,580	3,027	1,916	1,447
41	50	95 914	6 588,687	85 980,136	13,050	12,581	91	100	303	0,794	1,447	1,823	1,354
42	51	95 598	6 151,753	79 391,450	12,905	12,436							
43	52	95 265	5 742,665	73 239,697	12,754	12,284							
44	53	94 903	5 359,127	67 497,031	12,595	12,126							
45	54	94 504	4 999,134	62 137,904	12,430	11,961							
46	55	94 066	4 661,354	57 138,770	12,258	11,789							
47	56	93 580	4 344,039	52 477,416	12,080	11,611							
48	57	93 046	4 046,140	48 133,378	11,896	11,427							
49	58	92 454	3 766,148	44 087,238	11,706	11,237							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	1 541 860,458	15,477	15,007	50	60	91 372	3 486,731	39 709,237	11,389	10,920
1	11	99 282	93 004,503	1 442 235,303	15,507	15,038	51	61	90 611	3 239,071	36 222,507	11,183	10,714
2	12	99 251	87 095,902	1 349 230,799	15,491	15,022	52	62	89 783	3 006,513	32 983,436	10,971	10,502
3	13	99 231	81 572,659	1 262 134,897	15,473	15,003	53	63	88 877	2 787,978	29 976,923	10,752	10,283
4	14	99 212	76 399,571	1 180 562,238	15,452	14,983	54	64	87 877	2 582,325	27 188,944	10,529	10,060
5	15	99 191	71 553,918	1 104 162,667	15,431	14,962	55	65	86 789	2 389,092	24 606,620	10,300	9,830
6	16	99 171	67 015,580	1 032 608,749	15,408	14,939	56	66	85 604	2 207,465	22 217,528	10,065	9,596
7	17	99 149	62 764,383	965 593,170	15,384	14,915	57	67	84 317	2 036,790	20 010,063	9,824	9,355
8	18	99 127	58 782,339	902 828,786	15,359	14,890	58	68	82 938	1 876,783	17 973,274	9,577	9,108
9	19	99 103	55 052,292	844 046,447	15,332	14,863	59	69	81 457	1 726,729	16 096,491	9,322	8,853
10	20	99 079	51 558,618	788 994,156	15,303	14,834	60	70	79 817	1 584,975	14 369,761	9,066	8,597
11	21	99 055	48 286,969	737 435,538	15,272	14,803	61	71	78 062	1 452,110	12 784,787	8,804	8,335
12	22	99 031	45 222,889	689 148,568	15,239	14,770	62	72	76 168	1 327,288	11 332,676	8,538	8,069
13	23	99 006	42 352,505	643 925,680	15,204	14,735	63	73	74 148	1 210,381	10 005,388	8,266	7,797
14	24	98 981	39 664,302	601 573,175	15,167	14,697	64	74	71 962	1 100,427	8 795,007	7,992	7,523
15	25	98 952	37 145,562	561 908,873	15,127	14,658	65	75	69 655	997,788	7 694,580	7,712	7,243
16	26	98 918	34 784,607	524 763,311	15,086	14,617	66	76	67 205	901,829	6 696,793	7,426	6,957
17	27	98 877	32 571,854	489 978,704	15,043	14,574	67	77	64 613	812,215	5 794,964	7,135	6,666
18	28	98 830	30 497,742	457 406,850	14,998	14,529	68	78	61 926	729,216	4 982,748	6,833	6,364
19	29	98 769	28 551,488	426 909,108	14,952	14,483	69	79	59 058	651,471	4 253,532	6,529	6,060
20	30	98 704	26 728,735	398 357,620	14,904	14,435	70	80	56 032	579,006	3 602,061	6,221	5,752
21	31	98 636	25 021,218	371 628,885	14,853	14,383	71	81	52 839	511,489	3 023,055	5,910	5,441
22	32	98 564	23 422,056	346 607,667	14,798	14,329	72	82	49 439	448,316	2 511,566	5,602	5,133
23	33	98 490	21 924,470	323 185,611	14,741	14,272	73	83	45 877	389,709	2 063,250	5,294	4,825
24	34	98 414	20 522,325	301 261,141	14,680	14,211	74	84	42 095	334,973	1 673,541	4,996	4,527
25	35	98 331	19 208,518	280 738,815	14,615	14,146	75	85	38 181	284,615	1 338,568	4,703	4,234
26	36	98 242	17 977,582	261 530,297	14,548	14,078	76	86	34 156	238,514	1 053,953	4,419	3,950
27	37	98 152	16 825,378	243 552,715	14,475	14,006	77	87	30 074	196,725	815,439	4,145	3,676
28	38	98 058	15 746,435	226 727,337	14,399	13,930	78	88	26 003	159,340	618,714	3,883	3,414
29	39	97 958	14 735,766	210 980,902	14,318	13,848	79	89	22 025	126,433	459,374	3,633	3,164
30	40	97 846	13 788,209	196 245,136	14,233	13,764	80	90	18 239	98,078	332,941	3,395	2,926
31	41	97 733	12 901,361	182 456,926	14,142	13,673	81	91	14 688	73,989	234,863	3,174	2,705
32	42	97 605	12 069,798	169 555,565	14,048	13,579	82	92	11 489	54,214	160,874	2,967	2,498
33	43	97 467	11 290,578	157 485,767	13,948	13,479	83	93	8 682	38,379	106,661	2,779	2,310
34	44	97 311	10 559,772	146 195,189	13,845	13,375	84	94	6 321	26,176	68,282	2,609	2,139
35	45	97 151	9 875,757	135 635,417	13,734	13,265	85	95	4 435	17,202	42,106	2,448	1,979
36	46	96 973	9 234,366	125 759,660	13,619	13,150	86	96	2 970	10,792	24,904	2,308	1,838
37	47	96 773	8 632,586	116 525,294	13,498	13,029	87	97	1 895	6,451	14,111	2,188	1,718
38	48	96 550	8 068,167	107 892,709	13,373	12,904	88	98	1 164	3,712	7,661	2,064	1,595
39	49	96 306	7 538,868	99 824,541	13,241	12,772	89	99	676	2,020	3,949	1,954	1,485
40	50	96 033	7 042,138	92 285,673	13,105	12,636	90	100	371	1,038	1,928	1,858	1,389
41	51	95 737	6 576,538	85 243,535	12,962	12,493							
42	52	95 400	6 138,979	78 666,997	12,814	12,345							
43	53	95 055	5 730,006	72 528,018	12,658	12,188							
44	54	94 668	5 345,844	66 798,013	12,495	12,026							
45	55	94 244	4 985,365	61 452,168	12,327	11,857							
46	56	93 774	4 646,846	56 466,804	12,152	11,683							
47	57	93 264	4 329,349	51 819,957	11,969	11,500							
48	58	92 697	4 030,942	47 490,608	11,782	11,312							
49	59	92 068	3 750,429	43 459,667	11,588	11,119							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	1 540 721,590	15,466	14,997	50	61	90 903	3 468,855	39 057,746	11,260	10,790
1	12	99 275	92 997,351	1 441 101,974	15,496	15,027	51	62	90 105	3 220,977	35 588,891	11,049	10,580
2	13	99 244	87 090,398	1 348 104,623	15,479	15,010	52	63	89 233	2 988,107	32 367,914	10,832	10,363
3	14	99 223	81 566,211	1 261 014,225	15,460	14,991	53	64	88 276	2 769,131	29 379,807	10,610	10,141
4	15	99 202	76 392,524	1 179 448,013	15,439	14,970	54	65	87 226	2 563,193	26 610,676	10,382	9,913
5	16	99 180	71 545,634	1 103 055,490	15,418	14,948	55	66	86 094	2 369,946	24 047,483	10,147	9,678
6	17	99 158	67 007,013	1 031 509,856	15,394	14,925	56	67	84 855	2 188,132	21 677,537	9,907	9,438
7	18	99 136	62 756,246	964 502,844	15,369	14,900	57	68	83 528	2 017,730	19 489,405	9,659	9,190
8	19	99 110	58 772,797	901 746,598	15,343	14,874	58	69	82 091	1 857,632	17 471,675	9,405	8,936
9	20	99 087	55 043,243	842 973,801	15,315	14,846	59	70	80 517	1 706,792	15 614,043	9,148	8,679
10	21	99 062	51 550,179	787 930,558	15,285	14,816	60	71	78 815	1 565,081	13 907,251	8,886	8,417
11	22	99 038	48 278,770	736 380,379	15,253	14,784	61	72	76 984	1 432,050	12 342,170	8,619	8,149
12	23	99 015	45 215,301	688 101,609	15,218	14,749	62	73	75 030	1 307,448	10 910,120	8,345	7,875
13	24	98 990	42 345,577	642 886,307	15,182	14,713	63	74	72 907	1 190,124	9 602,672	8,069	7,600
14	25	98 964	39 657,786	600 540,730	15,143	14,674	64	75	70 653	1 080,408	8 412,548	7,786	7,317
15	26	98 933	37 138,340	560 882,943	15,103	14,633	65	76	68 253	977,712	7 332,140	7,499	7,030
16	27	98 900	34 778,407	523 744,603	15,059	14,590	66	77	65 717	881,854	6 354,428	7,206	6,737
17	28	98 857	32 565,022	488 966,196	15,015	14,546	67	78	63 066	792,772	5 472,574	6,903	6,434
18	29	98 807	30 490,483	456 401,174	14,969	14,500	68	79	60 241	709,376	4 679,801	6,597	6,128
19	30	98 744	28 544,443	425 910,690	14,921	14,452	69	80	57 239	631,400	3 970,425	6,288	5,819
20	31	98 676	26 721,176	397 366,247	14,871	14,402	70	81	54 056	558,589	3 339,025	5,978	5,508
21	32	98 604	25 013,161	370 645,071	14,818	14,349	71	82	50 704	490,817	2 780,436	5,665	5,196
22	33	98 531	23 414,188	345 631,910	14,762	14,293	72	83	47 115	427,244	2 289,619	5,359	4,890
23	34	98 455	21 916,792	322 217,722	14,702	14,233	73	84	43 345	368,199	1 862,375	5,058	4,589
24	35	98 376	20 514,490	300 300,930	14,638	14,169	74	85	39 410	313,606	1 494,176	4,765	4,295
25	36	98 285	19 199,549	279 786,440	14,573	14,103	75	86	35 367	263,641	1 180,570	4,478	4,009
26	37	98 195	17 969,009	260 586,891	14,502	14,033	76	87	31 244	218,174	916,929	4,203	3,734
27	38	98 102	16 816,882	242 617,881	14,427	13,958	77	88	27 094	177,231	698,755	3,943	3,474
28	39	98 004	15 737,710	225 800,999	14,348	13,879	78	89	23 056	141,286	521,525	3,691	3,222
29	40	97 895	14 726,179	210 063,289	14,265	13,795	79	90	19 188	110,148	380,239	3,452	2,983
30	41	97 784	13 779,480	195 337,111	14,176	13,707	80	91	15 556	83,649	270,091	3,229	2,760
31	42	97 661	12 891,905	181 557,631	14,083	13,614	81	92	12 251	61,712	186,442	3,021	2,552
32	43	97 526	12 060,060	168 665,726	13,985	13,516	82	93	9 330	44,025	124,730	2,833	2,364
33	44	97 379	11 280,465	156 605,666	13,883	13,414	83	94	6 864	30,340	80,706	2,660	2,191
34	45	97 219	10 549,784	145 325,201	13,775	13,306	84	95	4 871	20,170	50,366	2,497	2,028
35	46	97 046	9 865,134	134 775,417	13,662	13,193	85	96	3 307	12,828	30,196	2,354	1,885
36	47	96 858	9 223,431	124 910,283	13,543	13,074	86	97	2 140	7,778	17,368	2,233	1,764
37	48	96 647	8 621,369	115 686,852	13,419	12,949	87	98	1 336	4,549	9,590	2,108	1,639
38	49	96 404	8 055,927	107 065,484	13,290	12,821	88	99	793	2,528	5,040	1,994	1,525
39	50	96 144	7 526,172	99 009,557	13,155	12,686	89	100	444	1,327	2,513	1,894	1,424
40	51	95 856	7 029,153	91 483,384	13,015	12,546							
41	52	95 538	6 562,881	84 454,231	12,868	12,399							
42	53	95 189	6 125,446	77 891,350	12,716	12,247							
43	54	94 819	5 715,804	71 765,904	12,556	12,087							
44	55	94 407	5 331,120	66 050,100	12,390	11,920							
45	56	93 950	4 969,849	60 718,980	12,217	11,748							
46	57	93 457	4 631,133	55 749,132	12,038	11,569							
47	58	92 913	4 313,086	51 117,999	11,852	11,383							
48	59	92 310	4 014,118	46 804,913	11,660	11,191							
49	60	91 641	3 733,048	42 790,794	11,463	10,994							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	1 539 495,472	15,455	14,986	50	62	90 396	3 449,477	38 365,585	11,122	10,653
1	13	99 268	92 991,474	1 439 883,516	15,484	15,015	51	63	89 554	3 201,258	34 916,108	10,907	10,438
2	14	99 237	87 083,514	1 346 892,042	15,467	14,998	52	64	88 630	2 967,907	31 714,849	10,686	10,217
3	15	99 214	81 558,687	1 259 808,528	15,447	14,978	53	65	87 622	2 748,615	28 746,942	10,459	9,990
4	16	99 191	76 383,679	1 178 249,841	15,425	14,956	54	66	86 527	2 542,652	25 998,327	10,225	9,756
5	17	99 167	71 536,487	1 101 866,162	15,403	14,934	55	67	85 340	2 349,191	23 455,675	9,985	9,515
6	18	99 145	66 998,325	1 030 329,675	15,378	14,909	56	68	84 060	2 167,656	21 106,484	9,737	9,268
7	19	99 120	62 746,059	963 331,350	15,353	14,884	57	69	82 676	1 997,141	18 938,828	9,483	9,014
8	20	99 094	58 763,137	900 585,291	15,326	14,857	58	70	81 143	1 836,183	16 941,687	9,227	8,757
9	21	99 070	55 034,233	841 822,154	15,296	14,827	59	71	79 506	1 685,369	15 105,504	8,963	8,494
10	22	99 046	51 541,426	786 787,920	15,265	14,796	60	72	77 726	1 543,460	13 420,135	8,695	8,226
11	23	99 022	48 270,670	735 246,495	15,232	14,763	61	73	75 833	1 410,644	11 876,675	8,419	7,950
12	24	98 999	45 207,906	686 975,824	15,196	14,727	62	74	73 774	1 285,567	10 466,031	8,141	7,672
13	25	98 974	42 338,621	641 767,918	15,158	14,689	63	75	71 581	1 168,473	9 180,465	7,857	7,388
14	26	98 945	39 650,076	599 429,297	15,118	14,649	64	76	69 232	1 058,670	8 011,922	7,568	7,099
15	27	98 915	37 131,721	559 779,220	15,075	14,606	65	77	66 742	956,057	6 953,322	7,273	6,804
16	28	98 879	34 771,112	522 647,500	15,031	14,562	66	78	64 144	860,744	5 997,265	6,968	6,498
17	29	98 833	32 557,272	487 876,387	14,985	14,516	67	79	61 350	771,203	5 136,520	6,660	6,191
18	30	98 782	30 482,959	455 319,115	14,937	14,468	68	80	58 385	687,522	4 365,318	6,349	5,880
19	31	98 716	28 536,371	424 836,156	14,888	14,418	69	81	55 220	609,136	3 677,796	6,038	5,569
20	32	98 645	26 712,572	396 299,785	14,836	14,367	70	82	51 871	536,014	3 068,660	5,725	5,256
21	33	98 571	25 004,759	369 587,213	14,781	14,312	71	83	48 320	467,748	2 532,646	5,415	4,945
22	34	98 496	23 405,988	344 582,454	14,722	14,253	72	84	44 515	403,662	2 064,899	5,115	4,646
23	35	98 418	21 908,424	321 176,466	14,660	14,191	73	85	40 580	344,712	1 661,237	4,819	4,350
24	36	98 330	20 504,911	299 268,042	14,595	14,126	74	86	36 506	290,495	1 316,525	4,532	4,063
25	37	98 238	19 190,394	278 763,131	14,526	14,057	75	87	32 351	241,158	1 026,030	4,255	3,785
26	38	98 145	17 959,936	259 572,737	14,453	13,984	76	88	28 148	196,554	784,872	3,993	3,524
27	39	98 048	16 807,564	241 612,801	14,375	13,906	77	89	24 024	157,150	588,318	3,744	3,275
28	40	97 940	15 727,470	224 805,237	14,294	13,825	78	90	20 087	123,087	431,168	3,503	3,034
29	41	97 833	14 716,855	209 077,767	14,207	13,738	79	91	16 365	93,943	308,081	3,279	2,810
30	42	97 713	13 769,380	194 360,912	14,115	13,646	80	92	12 975	69,769	214,138	3,069	2,600
31	43	97 582	12 881,503	180 591,531	14,019	13,550	81	93	9 948	50,113	144,368	2,881	2,412
32	44	97 439	12 049,258	167 710,028	13,919	13,450	82	94	7 375	34,803	94,255	2,708	2,239
33	45	97 287	11 269,796	155 660,771	13,812	13,343	83	95	5 289	23,378	59,452	2,543	2,074
34	46	97 115	10 538,436	144 390,975	13,701	13,232	84	96	3 632	15,042	36,074	2,398	1,929
35	47	96 931	9 853,451	133 852,539	13,584	13,115	85	97	2 383	9,245	21,032	2,275	1,806
36	48	96 732	9 211,446	123 999,087	13,461	12,992	86	98	1 510	5,486	11,787	2,149	1,680
37	49	96 500	8 608,289	114 787,641	13,335	12,865	87	99	910	3,098	6,301	2,034	1,565
38	50	96 242	8 042,360	106 179,352	13,203	12,733	88	100	521	1,660	3,203	1,930	1,460
39	51	95 967	7 512,295	98 136,992	13,064	12,594							
40	52	95 657	7 014,557	90 624,697	12,920	12,450							
41	53	95 328	6 548,414	83 610,140	12,768	12,299							
42	54	94 954	6 110,264	77 061,726	12,612	12,143							
43	55	94 558	5 700,061	70 951,462	12,447	11,978							
44	56	94 113	5 314,528	65 251,402	12,278	11,809							
45	57	93 633	4 953,043	59 936,874	12,101	11,632							
46	58	93 106	4 613,737	54 983,831	11,917	11,448							
47	59	92 526	4 295,085	50 370,095	11,727	11,258							
48	60	91 882	3 995,515	46 075,009	11,532	11,063							
49	61	91 171	3 713,910	42 079,494	11,330	10,861							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	1 538 178,363	15,443	14,974	50	63	89 842	3 428,360	37 631,541	10,977	10,507
1	14	99 261	92 984,124	1 438 572,703	15,471	15,002	51	64	88 948	3 179,617	34 203,181	10,757	10,288
2	15	99 227	87 075,481	1 345 588,579	15,453	14,984	52	65	87 973	2 945,918	31 023,564	10,531	10,062
3	16	99 203	81 549,244	1 258 513,098	15,433	14,963	53	66	86 920	2 726,589	28 077,645	10,298	9,829
4	17	99 178	76 373,914	1 176 963,853	15,411	14,941	54	67	85 769	2 520,384	25 351,056	10,058	9,589
5	18	99 154	71 527,212	1 100 589,939	15,387	14,918	55	68	84 541	2 327,207	22 830,672	9,810	9,341
6	19	99 129	66 987,450	1 029 062,727	15,362	14,893	56	69	83 203	2 145,537	20 503,465	9,556	9,087
7	20	99 104	62 735,746	962 075,277	15,335	14,866	57	70	81 721	1 974,081	18 357,928	9,299	8,830
8	21	99 078	58 753,519	899 339,531	15,307	14,838	58	71	80 125	1 813,136	16 383,847	9,036	8,567
9	22	99 054	55 024,889	840 586,013	15,276	14,807	59	72	78 408	1 662,086	14 570,711	8,767	8,297
10	23	99 029	51 532,778	785 561,124	15,244	14,775	60	73	76 565	1 520,388	12 908,624	8,490	8,021
11	24	99 005	48 262,775	734 028,346	15,209	14,740	61	74	74 564	1 387,035	11 388,236	8,210	7,741
12	25	98 982	45 200,480	685 765,571	15,172	14,703	62	75	72 432	1 262,180	10 001,201	7,924	7,455
13	26	98 954	42 330,390	640 565,091	15,133	14,663	63	76	70 140	1 144,963	8 739,021	7,633	7,163
14	27	98 927	39 643,009	598 234,701	15,091	14,621	64	77	67 698	1 035,222	7 594,058	7,336	6,867
15	28	98 895	37 123,932	558 591,691	15,047	14,578	65	78	65 144	933,171	6 558,836	7,029	6,559
16	29	98 856	34 762,837	521 467,759	15,001	14,532	66	79	62 399	837,326	5 625,666	6,719	6,249
17	30	98 809	32 549,238	486 704,922	14,953	14,484	67	80	59 460	747,443	4 788,340	6,406	5,937
18	31	98 754	30 474,339	454 155,684	14,903	14,434	68	81	56 326	663,279	4 040,897	6,092	5,623
19	32	98 684	28 527,182	423 681,345	14,852	14,383	69	82	52 989	584,518	3 377,618	5,778	5,309
20	33	98 611	26 703,599	395 154,162	14,798	14,329	70	83	49 433	510,820	2 793,101	5,468	4,999
21	34	98 536	24 996,002	368 450,563	14,740	14,271	71	84	45 653	441,930	2 282,281	5,164	4,695
22	35	98 459	23 397,051	343 454,561	14,679	14,210	72	85	41 675	377,913	1 840,351	4,870	4,401
23	36	98 372	21 898,194	320 057,510	14,616	14,147	73	86	37 590	319,309	1 462,438	4,580	4,111
24	37	98 283	20 495,133	298 159,316	14,548	14,079	74	87	33 393	265,722	1 143,129	4,302	3,833
25	38	98 189	19 180,704	277 664,182	14,476	14,007	75	88	29 145	217,260	877,407	4,039	3,569
26	39	98 091	17 949,985	258 483,479	14,400	13,931	76	89	24 958	174,284	660,146	3,788	3,319
27	40	97 984	16 796,628	240 533,494	14,320	13,851	77	90	20 929	136,908	485,863	3,549	3,080
28	41	97 878	15 717,512	223 736,866	14,235	13,766	78	91	17 132	104,979	348,955	3,324	2,855
29	42	97 761	14 706,068	208 019,353	14,145	13,676	79	92	13 650	78,355	243,976	3,114	2,645
30	43	97 634	13 758,270	193 313,285	14,051	13,582	80	93	10 536	56,657	165,621	2,923	2,454
31	44	97 495	12 869,965	179 555,015	13,951	13,482	81	94	7 865	39,617	108,964	2,750	2,281
32	45	97 347	12 037,861	166 685,049	13,847	13,378	82	95	5 683	26,817	69,347	2,586	2,117
33	46	97 183	11 257,673	154 647,188	13,737	13,268	83	96	3 944	17,434	42,530	2,439	1,970
34	47	97 000	10 525,957	143 389,515	13,622	13,153	84	97	2 618	10,840	25,096	2,315	1,846
35	48	96 805	9 840,648	132 863,559	13,502	13,032	85	98	1 681	6,520	14,256	2,186	1,717
36	49	96 586	9 197,471	123 022,911	13,376	12,907	86	99	1 028	3,735	7,735	2,071	1,602
37	50	96 338	8 593,792	113 825,439	13,245	12,776	87	100	598	2,035	4,000	1,966	1,497
38	51	96 064	8 027,531	105 231,647	13,109	12,640							
39	52	95 767	7 496,695	97 204,116	12,966	12,497							
40	53	95 446	6 999,094	89 707,421	12,817	12,348							
41	54	95 091	6 532,183	82 708,327	12,662	12,193							
42	55	94 692	6 093,435	76 176,143	12,501	12,032							
43	56	94 264	5 682,320	70 082,709	12,333	11,864							
44	57	93 795	5 296,556	64 400,389	12,159	11,690							
45	58	93 281	4 934,437	59 103,833	11,978	11,509							
46	59	92 717	4 594,481	54 169,395	11,790	11,321							
47	60	92 097	4 275,180	49 574,914	11,596	11,127							
48	61	91 411	3 975,031	45 299,734	11,396	10,927							
49	62	90 662	3 693,163	41 324,704	11,190	10,720							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	1 536 762,570	15,430	14,961	50	64	89 235	3 405,184	36 854,608	10,823	10,354
1	15	99 251	92 975,546	1 437 164,782	15,457	14,988	51	65	88 289	3 156,060	33 449,424	10,598	10,129
2	16	99 216	87 065,400	1 344 189,236	15,439	14,970	52	66	87 268	2 922,311	30 293,364	10,366	9,897
3	17	99 190	81 538,819	1 257 123,836	15,417	14,948	53	67	86 158	2 702,710	27 371,053	10,127	9,658
4	18	99 165	76 364,012	1 175 585,017	15,394	14,925	54	68	84 967	2 496,798	24 668,343	9,880	9,411
5	19	99 138	71 515,602	1 099 221,004	15,370	14,901	55	69	83 679	2 303,460	22 171,545	9,625	9,156
6	20	99 113	66 976,439	1 027 705,402	15,344	14,875	56	70	82 242	2 120,764	19 868,085	9,368	8,899
7	21	99 088	62 725,477	960 728,963	15,316	14,847	57	71	80 695	1 949,303	17 747,320	9,104	8,635
8	22	99 061	58 743,542	898 003,486	15,287	14,818	58	72	79 018	1 788,088	15 798,017	8,835	8,366
9	23	99 037	55 015,657	839 259,944	15,255	14,786	59	73	77 236	1 637,242	14 009,929	8,557	8,088
10	24	99 013	51 524,349	784 244,287	15,221	14,752	60	74	75 283	1 494,943	12 372,687	8,276	7,807
11	25	98 989	48 254,847	732 719,938	15,184	14,715	61	75	73 207	1 361,802	10 877,744	7,988	7,519
12	26	98 963	45 191,692	684 465,090	15,146	14,677	62	76	70 975	1 236,784	9 515,942	7,694	7,225
13	27	98 937	42 322,845	639 273,398	15,105	14,636	63	77	68 587	1 119,604	8 279,157	7,395	6,926
14	28	98 907	39 634,694	596 950,553	15,061	14,592	64	78	66 078	1 010,440	7 159,554	7,086	6,616
15	29	98 871	37 115,097	557 315,859	15,016	14,547	65	79	63 371	907,781	6 149,114	6,774	6,305
16	30	98 831	34 754,259	520 200,762	14,968	14,499	66	80	60 476	811,529	5 241,332	6,459	5,989
17	31	98 781	32 540,034	485 446,503	14,918	14,449	67	81	57 364	721,087	4 429,803	6,143	5,674
18	32	98 723	30 464,526	452 906,469	14,867	14,398	68	82	54 050	636,472	3 708,716	5,827	5,358
19	33	98 651	28 517,600	422 441,942	14,813	14,344	69	83	50 498	557,044	3 072,244	5,515	5,046
20	34	98 577	26 694,247	393 924,343	14,757	14,288	70	84	46 705	482,625	2 515,200	5,212	4,742
21	35	98 499	24 986,458	367 230,096	14,697	14,228	71	85	42 741	413,740	2 032,575	4,913	4,444
22	36	98 413	23 386,127	342 243,638	14,634	14,165	72	86	38 604	350,063	1 618,835	4,624	4,155
23	37	98 325	21 887,752	318 857,511	14,568	14,099	73	87	34 384	292,079	1 268,772	4,344	3,875
24	38	98 234	20 484,785	296 969,759	14,497	14,028	74	88	30 084	239,390	976,693	4,080	3,611
25	39	98 134	19 170,076	276 484,974	14,423	13,954	75	89	25 843	192,644	737,303	3,827	3,358
26	40	98 027	17 938,305	257 314,899	14,344	13,875	76	90	21 744	151,835	544,659	3,587	3,118
27	41	97 922	16 785,994	239 376,593	14,260	13,791	77	91	17 850	116,766	392,824	3,364	2,895
28	42	97 806	15 705,992	222 590,599	14,172	13,703	78	92	14 289	87,560	276,058	3,153	2,684
29	43	97 682	14 694,203	206 884,607	14,079	13,610	79	93	11 085	63,629	188,498	2,962	2,493
30	44	97 546	13 745,947	192 190,404	13,982	13,512	80	94	8 329	44,789	124,869	2,788	2,319
31	45	97 403	12 857,792	178 444,457	13,878	13,409	81	95	6 060	30,526	80,080	2,623	2,154
32	46	97 242	12 024,912	165 586,665	13,770	13,301	82	96	4 238	19,999	49,553	2,478	2,009
33	47	97 068	11 244,342	153 561,753	13,657	13,188	83	97	2 842	12,565	29,554	2,352	1,883
34	48	96 873	10 512,279	142 317,411	13,538	13,069	84	98	1 846	7,645	16,990	2,222	1,753
35	49	96 659	9 825,719	131 805,131	13,414	12,945	85	99	1 145	4,440	9,345	2,105	1,635
36	50	96 423	9 181,982	121 979,412	13,285	12,816	86	100	675	2,453	4,904	1,999	1,530
37	51	96 160	8 577,946	112 797,430	13,150	12,681							
38	52	95 865	8 010,862	104 219,484	13,010	12,541							
39	53	95 556	7 480,170	96 208,622	12,862	12,393							
40	54	95 209	6 981,746	88 728,453	12,709	12,240							
41	55	94 830	6 514,192	81 746,707	12,549	12,080							
42	56	94 397	6 074,469	75 232,515	12,385	11,916							
43	57	93 945	5 663,105	69 158,046	12,212	11,743							
44	58	93 443	5 276,661	63 494,941	12,033	11,564							
45	59	92 892	4 913,843	58 218,280	11,848	11,379							
46	60	92 287	4 573,188	53 304,437	11,656	11,187							
47	61	91 625	4 253,262	48 731,249	11,457	10,988							
48	62	90 900	3 952,825	44 477,987	11,252	10,783							
49	63	90 107	3 670,554	40 525,162	11,041	10,571							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	1 535 243,045	15,416	14,947	50	65	88 574	3 379,955	36 034,083	10,661	10,192
1	16	99 240	92 964,782	1 435 654,445	15,443	14,974	51	66	87 582	3 130,768	32 654,128	10,430	9,961
2	17	99 203	87 054,270	1 342 689,663	15,424	14,954	52	67	86 504	2 896,718	29 523,359	10,192	9,723
3	18	99 177	81 528,248	1 255 635,394	15,401	14,932	53	68	85 352	2 677,418	26 626,641	9,945	9,476
4	19	99 149	76 351,617	1 174 107,146	15,378	14,909	54	69	84 100	2 471,321	23 949,223	9,691	9,222
5	20	99 122	71 503,847	1 097 755,529	15,352	14,883	55	70	82 712	2 276,864	21 477,902	9,433	8,964
6	21	99 096	66 965,476	1 026 251,682	15,325	14,856	56	71	81 210	2 094,145	19 201,038	9,169	8,700
7	22	99 071	62 714,826	959 286,206	15,296	14,827	57	72	79 581	1 922,375	17 106,893	8,899	8,430
8	23	99 044	58 733,687	896 571,379	15,265	14,796	58	73	77 837	1 761,360	15 184,519	8,621	8,152
9	24	99 021	55 006,658	837 837,693	15,232	14,762	59	74	75 943	1 609,841	13 423,158	8,338	7,869
10	25	98 997	51 515,886	782 831,034	15,196	14,727	60	75	73 914	1 467,747	11 813,318	8,049	7,579
11	26	98 970	48 245,466	731 315,149	15,158	14,689	61	76	71 734	1 334,403	10 345,571	7,753	7,284
12	27	98 945	45 183,637	683 069,683	15,118	14,649	62	77	69 403	1 209,391	9 011,168	7,451	6,982
13	28	98 916	42 313,968	637 886,046	15,075	14,606	63	78	66 945	1 092,802	7 801,777	7,139	6,670
14	29	98 883	39 625,262	595 572,078	15,030	14,561	64	79	64 280	982,949	6 708,975	6,825	6,356
15	30	98 847	37 105,938	555 946,816	14,983	14,514	65	80	61 419	879,814	5 726,026	6,508	6,039
16	31	98 803	34 744,431	518 840,878	14,933	14,464	66	81	58 344	782,913	4 846,212	6,190	5,721
17	32	98 749	32 529,556	484 096,447	14,882	14,413	67	82	55 045	691,944	4 063,299	5,872	5,403
18	33	98 689	30 454,293	451 566,891	14,828	14,359	68	83	51 509	606,556	3 371,355	5,558	5,089
19	34	98 617	28 507,612	421 112,598	14,772	14,303	69	84	47 711	526,297	2 764,798	5,253	4,784
20	35	98 539	26 684,055	392 604,986	14,713	14,244	70	85	43 726	451,839	2 238,501	4,954	4,485
21	36	98 453	24 974,791	365 920,931	14,652	14,182	71	86	39 591	383,250	1 786,662	4,662	4,193
22	37	98 366	23 374,975	340 946,139	14,586	14,117	72	87	35 312	320,210	1 403,412	4,383	3,914
23	38	98 275	21 876,700	317 571,165	14,516	14,047	73	88	30 977	263,135	1 083,201	4,117	3,647
24	39	98 179	20 473,434	295 694,465	14,443	13,974	74	89	26 675	212,266	820,066	3,863	3,394
25	40	98 070	19 157,603	275 221,031	14,366	13,897	75	90	22 514	167,830	607,800	3,622	3,152
26	41	97 965	17 926,948	256 063,428	14,284	13,815	76	91	18 545	129,497	439,970	3,398	2,928
27	42	97 850	16 773,691	238 136,480	14,197	13,728	77	92	14 888	97,392	310,472	3,188	2,719
28	43	97 727	15 693,320	221 362,789	14,106	13,636	78	93	11 603	71,103	213,081	2,997	2,528
29	44	97 595	14 681,041	205 669,469	14,009	13,540	79	94	8 763	50,301	141,977	2,823	2,353
30	45	97 454	13 732,946	190 988,428	13,907	13,438	80	95	6 418	34,512	91,676	2,656	2,187
31	46	97 298	12 843,962	177 255,482	13,801	13,332	81	96	4 519	22,765	57,164	2,511	2,042
32	47	97 127	12 010,672	164 411,521	13,689	13,220	82	97	3 054	14,413	34,399	2,387	1,918
33	48	96 941	11 229,731	152 400,848	13,571	13,102	83	98	2 005	8,861	19,986	2,255	1,786
34	49	96 727	10 496,331	141 171,117	13,450	12,980	84	99	1 257	5,206	11,125	2,137	1,668
35	50	96 496	9 809,172	130 674,786	13,322	12,853	85	100	752	2,916	5,918	2,030	1,560
36	51	96 245	9 165,051	120 865,614	13,188	12,719							
37	52	95 960	8 560,134	111 700,563	13,049	12,580							
38	53	95 653	7 993,202	103 140,428	12,904	12,434							
39	54	95 319	7 461,629	95 147,226	12,752	12,282							
40	55	94 947	6 962,516	87 685,597	12,594	12,125							
41	56	94 534	6 493,917	80 723,080	12,431	11,961							
42	57	94 078	6 053,928	74 229,163	12,261	11,792							
43	58	93 592	5 641,832	68 175,235	12,084	11,615							
44	59	93 053	5 254,638	62 533,403	11,901	11,431							
45	60	92 461	4 891,070	57 278,764	11,711	11,242							
46	61	91 814	4 549,742	52 387,694	11,514	11,045							
47	62	91 113	4 229,503	47 837,952	11,311	10,841							
48	63	90 344	3 928,626	43 608,449	11,100	10,631							
49	64	89 498	3 645,740	39 679,823	10,884	10,415							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	1 533 614,143	15,401	14,932	50	66	87 864	3 352,869	35 169,237	10,489	10,020
1	17	99 227	92 952,897	1 434 037,073	15,428	14,958	51	67	86 815	3 103,350	31 816,367	10,252	9,783
2	18	99 190	87 042,983	1 341 084,175	15,407	14,938	52	68	85 694	2 869,611	28 713,018	10,006	9,537
3	19	99 161	81 515,014	1 254 041,193	15,384	14,915	53	69	84 481	2 650,098	25 843,407	9,752	9,283
4	20	99 133	76 339,067	1 172 526,179	15,359	14,890	54	70	83 129	2 442,787	23 193,309	9,495	9,025
5	21	99 105	71 492,143	1 096 187,112	15,333	14,864	55	71	81 674	2 248,285	20 750,523	9,229	8,760
6	22	99 080	66 954,106	1 024 694,968	15,304	14,835	56	72	80 088	2 065,215	18 502,237	8,959	8,490
7	23	99 054	62 704,304	957 740,862	15,274	14,805	57	73	78 391	1 893,639	16 437,022	8,680	8,211
8	24	99 028	58 724,080	895 036,558	15,241	14,772	58	74	76 534	1 731,882	14 543,383	8,397	7,928
9	25	99 004	54 997,622	836 312,478	15,206	14,737	59	75	74 561	1 580,554	12 811,501	8,106	7,637
10	26	98 977	51 505,870	781 314,856	15,169	14,700	60	76	72 426	1 438,216	11 230,947	7,809	7,340
11	27	98 952	48 236,867	729 808,985	15,130	14,661	61	77	70 146	1 304,847	9 792,731	7,505	7,036
12	28	98 925	45 174,160	681 572,119	15,088	14,619	62	78	67 741	1 180,440	8 487,883	7,190	6,721
13	29	98 892	42 303,898	636 397,959	15,043	14,574	63	79	65 124	1 063,070	7 307,443	6,874	6,405
14	30	98 859	39 615,483	594 094,061	14,997	14,527	64	80	62 300	952,666	6 244,374	6,555	6,086
15	31	98 819	37 095,445	554 478,577	14,947	14,478	65	81	59 253	848,790	5 291,708	6,234	5,765
16	32	98 771	34 733,243	517 383,132	14,896	14,427	66	82	55 986	751,272	4 442,917	5,914	5,445
17	33	98 716	32 518,629	482 649,889	14,842	14,373	67	83	52 458	659,421	3 691,646	5,598	5,129
18	34	98 655	30 443,627	450 131,260	14,786	14,317	68	84	48 666	573,077	3 032,225	5,291	4,822
19	35	98 579	28 496,728	419 687,633	14,728	14,258	69	85	44 667	492,726	2 459,148	4,991	4,522
20	36	98 493	26 671,595	391 190,905	14,667	14,198	70	86	40 503	418,541	1 966,422	4,698	4,229
21	37	98 406	24 962,882	364 519,310	14,602	14,133	71	87	36 215	350,567	1 547,880	4,415	3,946
22	38	98 316	23 363,172	339 556,428	14,534	14,065	72	88	31 813	288,479	1 197,313	4,150	3,681
23	39	98 221	21 864,578	316 193,256	14,461	13,992	73	89	27 467	233,321	908,834	3,895	3,426
24	40	98 115	20 460,113	294 328,678	14,385	13,916	74	90	23 239	184,925	675,513	3,653	3,184
25	41	98 008	19 145,473	273 868,565	14,305	13,835	75	91	19 202	143,139	490,588	3,427	2,958
26	42	97 893	17 913,809	254 723,091	14,219	13,750	76	92	15 468	108,010	347,448	3,217	2,748
27	43	97 771	16 760,157	236 809,283	14,129	13,660	77	93	12 090	79,087	239,438	3,028	2,558
28	44	97 640	15 679,264	220 049,126	14,034	13,565	78	94	9 173	56,210	160,351	2,853	2,384
29	45	97 502	14 667,155	204 369,862	13,934	13,465	79	95	6 752	38,759	104,141	2,687	2,218
30	46	97 349	13 718,174	189 702,707	13,829	13,359	80	96	4 786	25,737	65,382	2,540	2,071
31	47	97 183	12 828,752	175 984,533	13,718	13,249	81	97	3 257	16,406	39,644	2,416	1,947
32	48	97 001	11 995,066	163 155,782	13,602	13,133	82	98	2 154	10,165	23,238	2,286	1,817
33	49	96 794	11 212,695	151 160,715	13,481	13,012	83	99	1 365	6,034	13,073	2,166	1,697
34	50	96 564	10 478,655	139 948,021	13,356	12,886	84	100	826	3,419	7,039	2,059	1,589
35	51	96 318	9 791,085	129 469,366	13,223	12,754							
36	52	96 045	9 146,020	119 678,281	13,085	12,616							
37	53	95 749	8 541,264	110 532,261	12,941	12,472							
38	54	95 416	7 973,391	101 990,997	12,791	12,322							
39	55	95 057	7 441,078	94 017,607	12,635	12,166							
40	56	94 652	6 940,846	86 576,529	12,473	12,004							
41	57	94 215	6 471,957	79 635,682	12,305	11,836							
42	58	93 725	6 031,188	73 163,725	12,131	11,662							
43	59	93 201	5 618,286	67 132,537	11,949	11,480							
44	60	92 622	5 230,286	61 514,251	11,761	11,292							
45	61	91 987	4 865,995	56 283,966	11,567	11,098							
46	62	91 301	4 524,326	51 417,971	11,365	10,896							
47	63	90 555	4 203,610	46 893,644	11,156	10,686							
48	64	89 733	3 902,068	42 690,035	10,940	10,471							
49	65	88 835	3 618,730	38 787,966	10,719	10,250							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	1 531 870,957	15,386	14,917	50	67	87 094	3 323,506	34 259,109	10,308	9,839
1	18	99 214	92 940,846	1 432 306,616	15,411	14,942	51	68	86 002	3 074,309	30 935,603	10,063	9,593
2	19	99 174	87 028,854	1 339 365,771	15,390	14,921	52	69	84 820	2 840,329	27 861,294	9,809	9,340
3	20	99 145	81 501,615	1 252 336,917	15,366	14,897	53	70	83 506	2 619,499	25 020,965	9,552	9,083
4	21	99 117	76 326,572	1 170 835,301	15,340	14,871	54	71	82 085	2 412,125	22 401,466	9,287	8,818
5	22	99 089	71 480,004	1 094 508,729	15,312	14,843	55	72	80 546	2 217,226	19 989,341	9,015	8,546
6	23	99 063	66 942,872	1 023 028,725	15,282	14,813	56	73	78 891	2 034,345	17 772,115	8,736	8,267
7	24	99 038	62 694,048	956 085,853	15,250	14,781	57	74	77 079	1 861,947	15 737,770	8,452	7,983
8	25	99 012	58 714,434	893 391,805	15,216	14,747	58	75	75 142	1 700,375	13 875,823	8,160	7,691
9	26	98 985	54 986,930	834 677,371	15,180	14,710	59	76	73 061	1 548,754	12 175,447	7,861	7,392
10	27	98 960	51 496,690	779 690,441	15,141	14,671	60	77	70 822	1 406,361	10 626,694	7,556	7,087
11	28	98 932	48 226,749	728 193,751	15,099	14,630	61	78	68 466	1 273,611	9 220,333	7,240	6,770
12	29	98 901	45 163,409	679 967,002	15,056	14,587	62	79	65 898	1 148,323	7 946,722	6,920	6,451
13	30	98 868	42 293,459	634 803,593	15,009	14,540	63	80	63 117	1 030,318	6 798,398	6,598	6,129
14	31	98 831	39 604,281	592 510,134	14,961	14,492	64	81	60 103	919,073	5 768,080	6,276	5,807
15	32	98 787	37 083,501	552 905,853	14,910	14,441	65	82	56 859	814,486	4 849,007	5,953	5,484
16	33	98 738	34 721,576	515 822,353	14,856	14,387	66	83	53 354	715,960	4 034,520	5,635	5,166
17	34	98 681	32 507,240	481 100,777	14,800	14,331	67	84	49 562	623,024	3 318,560	5,327	4,857
18	35	98 617	30 432,004	448 593,537	14,741	14,272	68	85	45 562	536,521	2 695,536	5,024	4,555
19	36	98 533	28 483,422	418 161,533	14,681	14,212	69	86	41 376	456,415	2 159,015	4,730	4,261
20	37	98 446	26 658,877	389 678,111	14,617	14,148	70	87	37 049	382,849	1 702,600	4,447	3,978
21	38	98 356	24 950,277	363 019,234	14,550	14,081	71	88	32 626	315,828	1 319,751	4,179	3,710
22	39	98 262	23 350,226	338 068,957	14,478	14,009	72	89	28 208	255,793	1 003,923	3,925	3,456
23	40	98 157	21 850,352	314 718,731	14,403	13,934	73	90	23 929	203,268	748,130	3,681	3,211
24	41	98 053	20 447,159	292 868,379	14,323	13,854	74	91	19 820	157,720	544,862	3,455	2,985
25	42	97 937	19 131,441	272 421,220	14,239	13,770	75	92	16 016	119,389	387,142	3,243	2,774
26	43	97 814	17 899,355	253 289,779	14,151	13,682	76	93	12 561	87,710	267,754	3,053	2,584
27	44	97 684	16 745,145	235 390,424	14,057	13,588	77	94	9 558	62,522	180,044	2,880	2,411
28	45	97 547	15 664,433	218 645,279	13,958	13,489	78	95	7 068	43,312	117,522	2,713	2,244
29	46	97 397	14 651,378	202 980,846	13,854	13,385	79	96	5 035	28,905	74,210	2,567	2,098
30	47	97 234	13 701,929	188 329,467	13,745	13,276	80	97	3 449	18,549	45,305	2,443	1,973
31	48	97 056	12 812,083	174 627,539	13,630	13,161	81	98	2 297	11,571	26,757	2,312	1,843
32	49	96 854	11 976,868	161 815,456	13,511	13,042	82	99	1 467	6,922	15,186	2,194	1,725
33	50	96 631	11 193,812	149 838,588	13,386	12,917	83	100	897	3,963	8,264	2,085	1,616
34	51	96 386	10 459,333	138 644,776	13,256	12,786							
35	52	96 118	9 770,753	128 185,443	13,119	12,650							
36	53	95 834	9 125,858	118 414,690	12,976	12,507							
37	54	95 512	8 520,094	109 288,831	12,827	12,358							
38	55	95 154	7 951,430	100 768,738	12,673	12,204							
39	56	94 761	7 417,919	92 817,308	12,513	12,043							
40	57	94 331	6 917,375	85 399,389	12,346	11,877							
41	58	93 861	6 447,647	78 482,014	12,172	11,703							
42	59	93 334	6 006,016	72 034,367	11,994	11,525							
43	60	92 770	5 592,248	66 028,351	11,807	11,338							
44	61	92 147	5 203,471	60 436,103	11,615	11,145							
45	62	91 473	4 838,812	55 232,632	11,415	10,945							
46	63	90 742	4 496,629	50 393,819	11,207	10,738							
47	64	89 943	4 175,193	45 897,191	10,993	10,524							
48	65	89 068	3 873,159	41 721,998	10,772	10,303							
49	66	88 123	3 589,730	37 848,839	10,544	10,075							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	1 530 007,055	15,369	14,900	50	68	86 279	3 292,405	33 303,150	10,115	9,646
1	19	99 198	92 925,759	1 430 455,623	15,394	14,924	51	69	85 125	3 042,939	30 010,745	9,862	9,393
2	20	99 158	87 014,549	1 337 529,864	15,371	14,902	52	70	83 841	2 807,534	26 967,806	9,606	9,136
3	21	99 129	81 488,275	1 250 515,315	15,346	14,877	53	71	82 458	2 586,620	24 160,272	9,340	8,871
4	22	99 100	76 313,612	1 169 027,040	15,319	14,850	54	72	80 951	2 378,803	21 573,653	9,069	8,600
5	23	99 072	71 468,011	1 092 713,428	15,290	14,820	55	73	79 342	2 184,083	19 194,850	8,789	8,319
6	24	99 047	66 931,923	1 021 245,416	15,258	14,789	56	74	77 570	2 000,298	17 010,766	8,504	8,035
7	25	99 022	62 683,750	954 313,493	15,224	14,755	57	75	75 677	1 828,074	15 010,468	8,211	7,742
8	26	98 993	58 703,019	891 629,743	15,189	14,720	58	76	73 630	1 666,164	13 182,394	7,912	7,443
9	27	98 968	54 977,129	832 926,725	15,150	14,681	59	77	71 443	1 514,451	11 516,230	7,604	7,135
10	28	98 939	51 485,889	777 949,595	15,110	14,641	60	78	69 127	1 372,695	10 001,780	7,286	6,817
11	29	98 908	48 215,271	726 463,707	15,067	14,598	61	79	66 604	1 238,959	8 629,085	6,965	6,496
12	30	98 877	45 152,264	678 248,435	15,021	14,552	62	80	63 868	1 112,945	7 390,125	6,640	6,171
13	31	98 840	42 281,499	633 096,171	14,973	14,504	63	81	60 892	993,988	6 277,180	6,315	5,846
14	32	98 799	39 591,528	590 814,672	14,923	14,454	64	82	57 674	881,929	5 283,192	5,990	5,521
15	33	98 754	37 071,044	551 223,144	14,869	14,400	65	83	54 186	776,204	4 401,264	5,670	5,201
16	34	98 704	34 709,415	514 152,100	14,813	14,344	66	84	50 409	676,442	3 625,060	5,359	4,890
17	35	98 643	32 494,829	479 442,685	14,754	14,285	67	85	46 401	583,283	2 948,618	5,055	4,586
18	36	98 571	30 417,794	446 947,856	14,694	14,225	68	86	42 204	496,983	2 365,335	4,759	4,290
19	37	98 486	28 469,839	416 530,062	14,631	14,161	69	87	37 847	417,493	1 868,352	4,475	4,006
20	38	98 397	26 645,416	388 060,222	14,564	14,095	70	88	33 378	344,910	1 450,859	4,206	3,737
21	39	98 302	24 936,452	361 414,807	14,493	14,024	71	89	28 930	280,043	1 105,949	3,949	3,480
22	40	98 198	23 335,033	336 478,354	14,419	13,950	72	90	24 575	222,846	825,906	3,706	3,237
23	41	98 095	21 836,518	313 143,321	14,340	13,871	73	91	20 409	173,364	603,060	3,479	3,009
24	42	97 981	20 432,172	291 306,803	14,257	13,788	74	92	16 532	131,549	429,697	3,266	2,797
25	43	97 858	19 116,005	270 874,631	14,170	13,701	75	93	13 006	96,950	298,147	3,075	2,606
26	44	97 727	17 883,323	251 758,626	14,078	13,609	76	94	9 930	69,338	201,197	2,902	2,433
27	45	97 591	16 729,306	233 875,303	13,980	13,511	77	95	7 365	48,176	131,859	2,737	2,268
28	46	97 442	15 647,584	217 145,997	13,877	13,408	78	96	5 271	32,300	83,683	2,591	2,122
29	47	97 282	14 634,028	201 498,413	13,769	13,300	79	97	3 629	20,831	51,383	2,467	1,998
30	48	97 108	13 684,125	186 864,385	13,656	13,186	80	98	2 433	13,082	30,552	2,336	1,866
31	49	96 909	12 792,645	173 180,260	13,537	13,068	81	99	1 564	7,879	17,470	2,217	1,748
32	50	96 690	11 956,698	160 387,615	13,414	12,945	82	100	963	4,546	9,591	2,110	1,641
33	51	96 453	11 173,172	148 430,916	13,285	12,815							
34	52	96 185	10 437,614	137 257,745	13,150	12,681							
35	53	95 906	9 749,214	126 820,130	13,008	12,539							
36	54	95 596	9 103,239	117 070,916	12,860	12,391							
37	55	95 249	8 496,627	107 967,677	12,707	12,238							
38	56	94 857	7 926,682	99 471,050	12,549	12,080							
39	57	94 441	7 392,834	91 544,368	12,383	11,914							
40	58	93 977	6 891,392	84 151,534	12,211	11,742							
41	59	93 469	6 420,737	77 260,142	12,033	11,564							
42	60	92 901	5 978,181	70 839,405	11,850	11,381							
43	61	92 294	5 563,578	64 861,223	11,658	11,189							
44	62	91 632	5 174,404	59 297,646	11,460	10,991							
45	63	90 913	4 809,189	54 123,242	11,254	10,785							
46	64	90 129	4 466,231	49 314,053	11,042	10,572							
47	65	89 277	4 144,260	44 847,822	10,822	10,353							
48	66	88 355	3 842,120	40 703,562	10,594	10,125							
49	67	87 351	3 558,292	36 861,442	10,359	9,890							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	1 528 014,493	15,351	14,882	50	69	85 399	3 258,809	32 300,220	9,912	9,443
1	20	99 182	92 910,485	1 428 479,221	15,375	14,906	51	70	84 142	3 007,804	29 041,411	9,655	9,186
2	21	99 142	87 000,307	1 335 568,735	15,351	14,882	52	71	82 788	2 772,294	26 033,607	9,391	8,922
3	22	99 112	81 474,439	1 248 568,429	15,325	14,856	53	72	81 318	2 550,887	23 261,313	9,119	8,650
4	23	99 083	76 300,808	1 167 093,990	15,296	14,827	54	73	79 741	2 343,245	20 710,426	8,838	8,369
5	24	99 056	71 456,322	1 090 793,182	15,265	14,796	55	74	78 014	2 147,531	18 367,181	8,553	8,084
6	25	99 031	66 920,928	1 019 336,860	15,232	14,763	56	75	76 159	1 963,908	16 219,651	8,259	7,790
7	26	99 002	62 671,563	952 415,931	15,197	14,728	57	76	74 154	1 791,293	14 255,742	7,958	7,489
8	27	98 975	58 692,555	889 744,368	15,159	14,690	58	77	71 999	1 629,260	12 464,449	7,650	7,181
9	28	98 947	54 965,598	831 051,813	15,119	14,650	59	78	69 733	1 478,197	10 835,189	7,330	6,861
10	29	98 915	51 473,635	776 086,215	15,077	14,608	60	79	67 246	1 335,347	9 356,992	7,007	6,538
11	30	98 884	48 203,374	724 612,579	15,032	14,563	61	80	64 552	1 200,789	8 021,644	6,680	6,211
12	31	98 849	45 139,496	676 409,205	14,985	14,516	62	81	61 616	1 073,701	6 820,855	6,353	5,884
13	32	98 808	42 267,884	631 269,709	14,935	14,466	63	82	58 431	953,815	5 747,154	6,025	5,556
14	33	98 766	39 578,229	589 001,826	14,882	14,413	64	83	54 963	840,476	4 793,339	5,703	5,234
15	34	98 719	37 058,061	549 423,597	14,826	14,357	65	84	51 195	733,360	3 952,863	5,390	4,921
16	35	98 666	34 696,164	512 365,536	14,767	14,298	66	85	47 194	633,293	3 219,502	5,084	4,615
17	36	98 597	32 479,656	477 669,372	14,707	14,238	67	86	42 982	540,298	2 586,209	4,787	4,318
18	37	98 524	30 403,289	445 189,717	14,643	14,174	68	87	38 605	454,601	2 045,911	4,500	4,031
19	38	98 436	28 455,464	414 786,427	14,577	14,108	69	88	34 097	376,121	1 591,309	4,231	3,762
20	39	98 342	26 630,651	386 330,963	14,507	14,038	70	89	29 596	305,831	1 215,188	3,973	3,504
21	40	98 238	24 920,227	359 700,312	14,434	13,965	71	90	25 203	243,972	909,357	3,727	3,258
22	41	98 136	23 320,259	334 780,085	14,356	13,887	72	91	20 960	190,061	665,386	3,501	3,032
23	42	98 023	21 820,513	311 459,825	14,274	13,805	73	92	17 022	144,598	475,324	3,287	2,818
24	43	97 902	20 415,687	289 639,312	14,187	13,718	74	93	13 424	106,825	330,727	3,096	2,627
25	44	97 770	19 098,883	269 223,626	14,096	13,627	75	94	10 282	76,643	223,901	2,921	2,452
26	45	97 634	17 866,408	250 124,743	14,000	13,531	76	95	7 651	53,428	147,258	2,756	2,287
27	46	97 486	16 711,311	232 258,335	13,898	13,429	77	96	5 492	35,927	93,830	2,612	2,143
28	47	97 327	15 629,054	215 547,024	13,791	13,322	78	97	3 799	23,278	57,903	2,487	2,018
29	48	97 156	14 615,013	199 917,970	13,679	13,210	79	98	2 559	14,691	34,625	2,357	1,888
30	49	96 960	13 663,364	185 302,956	13,562	13,093	80	99	1 657	8,908	19,934	2,238	1,769
31	50	96 746	12 771,102	171 639,592	13,440	12,971	81	100	1 027	5,175	11,025	2,131	1,661
32	51	96 512	11 934,652	158 868,490	13,312	12,842							
33	52	96 253	11 149,970	146 933,839	13,178	12,709							
34	53	95 973	10 414,605	135 783,869	13,038	12,569							
35	54	95 668	9 725,050	125 369,263	12,891	12,422							
36	55	95 333	9 078,166	115 644,213	12,739	12,270							
37	56	94 952	8 470,182	106 566,047	12,581	12,112							
38	57	94 537	7 899,877	98 095,864	12,417	11,948							
39	58	94 086	7 365,065	90 195,987	12,246	11,777							
40	59	93 585	6 862,630	82 830,923	12,070	11,601							
41	60	93 036	6 390,981	75 968,293	11,887	11,418							
42	61	92 425	5 947,533	69 577,312	11,699	11,229							
43	62	91 778	5 532,498	63 629,780	11,501	11,032							
44	63	91 071	5 142,726	58 097,281	11,297	10,828							
45	64	90 299	4 776,678	52 954,555	11,086	10,617							
46	65	89 461	4 433,141	48 177,876	10,868	10,399							
47	66	88 561	4 111,049	43 744,735	10,641	10,172							
48	67	87 581	3 808,472	39 633,686	10,407	9,938							
49	68	86 534	3 524,994	35 825,214	10,163	9,694							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	1 525 888,101	15,333	14,864	50	70	84 413	3 221,182	31 249,941	9,701	9,232
1	21	99 166	92 895,278	1 426 369,189	15,355	14,885	51	71	83 086	2 970,051	28 028,759	9,437	8,968
2	22	99 125	86 985,534	1 333 473,911	15,330	14,861	52	72	81 645	2 733,997	25 058,708	9,166	8,696
3	23	99 095	81 460,769	1 246 488,377	15,302	14,833	53	73	80 103	2 512,756	22 324,712	8,885	8,415
4	24	99 067	76 288,328	1 165 027,608	15,271	14,802	54	74	78 407	2 304,028	19 811,955	8,599	8,130
5	25	99 040	71 444,584	1 088 739,279	15,239	14,770	55	75	76 595	2 108,462	17 507,927	8,304	7,835
6	26	99 011	66 907,918	1 017 294,695	15,204	14,735	56	76	74 627	1 924,394	15 399,465	8,002	7,533
7	27	98 985	62 660,392	950 386,777	15,167	14,698	57	77	72 512	1 751,618	13 475,070	7,693	7,224
8	28	98 954	58 680,245	887 726,385	15,128	14,659	58	78	70 276	1 590,258	11 723,452	7,372	6,903
9	29	98 923	54 952,517	829 046,140	15,087	14,617	59	79	67 836	1 437,979	10 133,194	7,047	6,578
10	30	98 891	51 460,934	774 093,623	15,042	14,573	60	80	65 174	1 294,208	8 695,215	6,719	6,249
11	31	98 856	48 189,742	722 632,690	14,996	14,526	61	81	62 276	1 158,447	7 401,007	6,389	5,920
12	32	98 817	45 124,961	674 442,947	14,946	14,477	62	82	59 126	1 030,307	6 242,560	6,059	5,590
13	33	98 775	42 253,686	629 317,986	14,894	14,425	63	83	55 684	908,984	5 212,252	5,734	5,265
14	34	98 731	39 564,367	587 064,300	14,838	14,369	64	84	51 929	794,085	4 303,269	5,419	4,950
15	35	98 681	37 043,912	547 499,933	14,780	14,311	65	85	47 930	686,581	3 509,183	5,111	4,642
16	36	98 620	34 679,963	510 456,021	14,719	14,250	66	86	43 716	586,623	2 822,603	4,812	4,342
17	37	98 550	32 464,168	475 776,058	14,655	14,186	67	87	39 316	494,222	2 235,979	4,524	4,055
18	38	98 474	30 387,938	443 311,891	14,588	14,119	68	88	34 780	409,553	1 741,757	4,253	3,784
19	39	98 382	28 439,697	412 923,953	14,519	14,050	69	89	30 233	333,505	1 332,204	3,995	3,525
20	40	98 278	26 613,324	384 484,256	14,447	13,978	70	90	25 784	266,438	998,699	3,748	3,279
21	41	98 175	24 904,450	357 870,932	14,370	13,901	71	91	21 496	208,079	732,261	3,519	3,050
22	42	98 064	23 303,167	332 966,482	14,288	13,819	72	92	17 482	158,525	524,182	3,307	2,837
23	43	97 944	21 802,907	309 663,315	14,203	13,734	73	93	13 823	117,421	365,657	3,114	2,645
24	44	97 815	20 397,400	287 860,408	14,113	13,643	74	94	10 613	84,450	248,236	2,939	2,470
25	45	97 677	19 080,818	267 463,008	14,017	13,548	75	95	7 922	59,057	163,786	2,773	2,304
26	46	97 529	17 847,190	248 382,190	13,917	13,448	76	96	5 706	39,844	104,729	2,628	2,159
27	47	97 371	16 691,522	230 535,000	13,812	13,342	77	97	3 958	25,892	64,885	2,506	2,037
28	48	97 201	15 608,746	213 843,478	13,700	13,231	78	98	2 679	16,417	38,993	2,375	1,906
29	49	97 008	14 592,841	198 234,732	13,584	13,115	79	99	1 743	10,004	22,576	2,257	1,787
30	50	96 797	13 640,354	183 641,891	13,463	12,994	80	100	1 088	5,850	12,571	2,149	1,680
31	51	96 568	12 747,553	170 001,537	13,336	12,867							
32	52	96 312	11 909,869	157 253,984	13,204	12,735							
33	53	96 041	11 125,391	145 344,115	13,064	12,595							
34	54	95 736	10 388,792	134 218,724	12,920	12,450							
35	55	95 405	9 698,265	123 829,932	12,768	12,299							
36	56	95 036	9 049,912	114 131,667	12,611	12,142							
37	57	94 631	8 441,540	105 081,755	12,448	11,979							
38	58	94 181	7 870,203	96 640,216	12,279	11,810							
39	59	93 693	7 334,326	88 770,013	12,103	11,634							
40	60	93 151	6 830,825	81 435,687	11,922	11,453							
41	61	92 559	6 358,215	74 604,862	11,734	11,264							
42	62	91 908	5 914,308	68 246,646	11,539	11,070							
43	63	91 217	5 498,629	62 332,338	11,336	10,867							
44	64	90 455	5 107,961	56 833,709	11,126	10,657							
45	65	89 630	4 741,289	51 725,748	10,910	10,441							
46	66	88 744	4 397,616	46 984,459	10,684	10,215							
47	67	87 786	4 075,045	42 586,844	10,451	9,982							
48	68	86 761	3 772,832	38 511,799	10,208	9,739							
49	69	85 651	3 489,025	34 738,966	9,957	9,488							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	1 523 619,129	15,312	14,843	50	71	83 353	3 180,750	30 153,582	9,480	9,011
1	22	99 149	92 879,504	1 424 116,507	15,333	14,864	51	72	81 938	2 929,021	26 972,832	9,209	8,740
2	23	99 108	86 970,940	1 331 237,002	15,307	14,838	52	73	80 424	2 693,129	24 043,811	8,928	8,459
3	24	99 079	81 447,445	1 244 266,062	15,277	14,808	53	74	78 762	2 470,703	21 350,681	8,642	8,172
4	25	99 051	76 275,797	1 162 818,617	15,245	14,776	54	75	76 980	2 262,113	18 879,979	8,346	7,877
5	26	99 020	71 430,694	1 086 542,820	15,211	14,742	55	76	75 054	2 066,040	16 617,866	8,043	7,574
6	27	98 994	66 895,992	1 015 112,126	15,174	14,705	56	77	72 974	1 881,771	14 551,825	7,733	7,264
7	28	98 964	62 647,250	948 216,134	15,136	14,667	57	78	70 776	1 709,687	12 670,054	7,411	6,942
8	29	98 931	58 666,280	885 568,884	15,095	14,626	58	79	68 364	1 546,991	10 960,367	7,085	6,616
9	30	98 899	54 938,956	826 902,604	15,051	14,582	59	80	65 746	1 393,677	9 413,375	6,754	6,285
10	31	98 863	51 446,381	771 963,648	15,005	14,536	60	81	62 876	1 248,572	8 019,698	6,423	5,954
11	32	98 824	48 174,225	720 517,267	14,956	14,487	61	82	59 759	1 111,628	6 771,126	6,091	5,622
12	33	98 784	45 109,803	672 343,042	14,905	14,435	62	83	56 347	981,881	5 659,498	5,764	5,295
13	34	98 740	42 238,887	627 233,239	14,850	14,381	63	84	52 611	858,812	4 677,617	5,447	4,977
14	35	98 694	39 549,262	584 994,351	14,792	14,322	64	85	48 617	743,432	3 818,806	5,137	4,668
15	36	98 635	37 026,615	545 445,089	14,731	14,262	65	86	44 398	635,984	3 075,374	4,836	4,366
16	37	98 573	34 663,425	508 418,474	14,667	14,198	66	87	39 988	536,597	2 439,390	4,546	4,077
17	38	98 501	32 447,775	473 755,049	14,601	14,131	67	88	35 420	445,248	1 902,793	4,274	3,804
18	39	98 420	30 371,100	441 307,274	14,531	14,061	68	89	30 839	363,149	1 457,545	4,014	3,545
19	40	98 318	28 421,192	410 936,174	14,459	13,990	69	90	26 339	290,548	1 094,396	3,767	3,298
20	41	98 216	26 596,475	382 514,982	14,382	13,913	70	91	21 991	227,240	803,848	3,537	3,068
21	42	98 103	24 886,196	355 918,507	14,302	13,833	71	92	17 929	173,553	576,608	3,322	2,853
22	43	97 985	23 284,365	331 032,311	14,217	13,748	72	93	14 196	128,731	403,055	3,131	2,662
23	44	97 856	21 783,378	307 747,946	14,128	13,659	73	94	10 928	92,826	274,324	2,955	2,486
24	45	97 722	20 378,108	285 964,568	14,033	13,564	74	95	8 177	65,072	181,498	2,789	2,320
25	46	97 572	19 060,293	265 586,460	13,934	13,465	75	96	5 908	44,041	116,426	2,644	2,174
26	47	97 414	17 826,055	246 526,167	13,830	13,360	76	97	4 112	28,715	72,385	2,521	2,052
27	48	97 244	16 669,834	228 700,112	13,719	13,250	77	98	2 792	18,261	43,670	2,391	1,922
28	49	97 053	15 585,066	212 030,278	13,605	13,136	78	99	1 824	11,180	25,409	2,273	1,804
29	50	96 845	14 568,265	196 445,212	13,484	13,015	79	100	1 145	6,570	14,229	2,166	1,697
30	51	96 619	13 615,203	181 876,947	13,358	12,889							
31	52	96 367	12 721,083	168 261,744	13,227	12,758							
32	53	96 099	11 883,615	155 540,661	13,089	12,620							
33	54	95 803	11 097,816	143 657,046	12,945	12,475							
34	55	95 472	10 360,178	132 559,230	12,795	12,326							
35	56	95 108	9 668,080	122 199,052	12,639	12,170							
36	57	94 715	9 019,309	112 530,972	12,477	12,008							
37	58	94 276	8 409,831	103 511,663	12,308	11,839							
38	59	93 788	7 837,356	95 101,832	12,134	11,665							
39	60	93 259	7 300,335	87 264,476	11,953	11,484							
40	61	92 674	6 795,805	79 964,141	11,767	11,298							
41	62	92 042	6 322,697	73 168,336	11,572	11,103							
42	63	91 346	5 878,102	66 845,639	11,372	10,903							
43	64	90 600	5 461,457	60 967,538	11,163	10,694							
44	65	89 785	5 070,117	55 506,080	10,948	10,479							
45	66	88 911	4 703,294	50 435,964	10,724	10,254							
46	67	87 967	4 359,102	45 732,670	10,491	10,022							
47	68	86 964	4 036,911	41 373,567	10,249	9,780							
48	69	85 876	3 734,335	37 336,656	9,998	9,529							
49	70	84 662	3 448,740	33 602,322	9,743	9,274							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	1 521 197,970	15,291	14,821	50	72	82 202	3 136,810	29 011,220	9,249	8,780
1	23	99 132	92 863,921	1 421 712,243	15,310	14,841	51	73	80 713	2 885,238	25 874,411	8,968	8,499
2	24	99 092	86 956,715	1 328 848,322	15,282	14,813	52	74	79 078	2 648,057	22 989,172	8,682	8,212
3	25	99 063	81 434,066	1 241 891,607	15,250	14,781	53	75	77 329	2 425,755	20 341,116	8,385	7,916
4	26	99 032	76 260,968	1 160 457,540	15,217	14,748	54	76	75 432	2 216,599	17 915,360	8,082	7,613
5	27	99 003	71 417,963	1 084 196,573	15,181	14,712	55	77	73 391	2 020,280	15 698,761	7,771	7,301
6	28	98 973	66 881,961	1 012 778,610	15,143	14,674	56	78	71 227	1 836,725	13 678,481	7,447	6,978
7	29	98 940	62 632,340	945 896,649	15,102	14,633	57	79	68 850	1 663,171	11 841,756	7,120	6,651
8	30	98 906	58 651,803	883 264,309	15,059	14,590	58	80	66 257	1 499,331	10 178,585	6,789	6,320
9	31	98 871	54 923,420	824 612,506	15,014	14,545	59	81	63 427	1 344,534	8 679,254	6,455	5,986
10	32	98 831	51 429,815	769 689,086	14,966	14,497	60	82	60 335	1 198,110	7 334,720	6,122	5,653
11	33	98 791	48 158,043	718 259,271	14,915	14,445	61	83	56 950	1 059,379	6 136,610	5,793	5,324
12	34	98 749	45 094,004	670 101,227	14,860	14,391	62	84	53 236	927,685	5 077,230	5,473	5,004
13	35	98 703	42 222,761	625 007,223	14,803	14,333	63	85	49 255	804,030	4 149,545	5,161	4,692
14	36	98 647	39 530,795	582 784,462	14,743	14,273	64	86	45 034	688,646	3 345,516	4,858	4,389
15	37	98 588	37 008,959	543 253,667	14,679	14,210	65	87	40 611	581,748	2 656,870	4,567	4,098
16	38	98 523	34 645,923	506 244,709	14,612	14,143	66	88	36 025	483,423	2 075,121	4,293	3,823
17	39	98 446	32 429,796	471 598,786	14,542	14,073	67	89	31 407	394,799	1 591,698	4,032	3,563
18	40	98 356	30 351,339	439 168,990	14,470	14,000	68	90	26 867	316,373	1 196,899	3,783	3,314
19	41	98 256	28 403,198	408 817,652	14,393	13,924	69	91	22 464	247,803	880,526	3,553	3,084
20	42	98 144	26 576,981	380 414,453	14,314	13,845	70	92	18 342	189,535	632,723	3,338	2,869
21	43	98 024	24 866,117	353 837,472	14,230	13,761	71	93	14 559	140,935	443,188	3,145	2,676
22	44	97 897	23 263,509	328 971,356	14,141	13,672	72	94	11 223	101,767	302,254	2,970	2,501
23	45	97 763	21 762,774	305 707,847	14,047	13,578	73	95	8 420	71,527	200,487	2,803	2,334
24	46	97 617	20 356,188	283 945,072	13,949	13,480	74	96	6 098	48,527	128,960	2,657	2,188
25	47	97 457	19 037,722	263 588,885	13,846	13,376	75	97	4 258	31,740	80,433	2,534	2,065
26	48	97 287	17 802,892	244 551,162	13,737	13,267	76	98	2 900	20,252	48,693	2,404	1,935
27	49	97 097	16 644,544	226 748,270	13,623	13,154	77	99	1 901	12,435	28,441	2,287	1,818
28	50	96 890	15 558,820	210 103,726	13,504	13,035	78	100	1 198	7,342	16,006	2,180	1,711
29	51	96 666	14 541,403	194 544,906	13,379	12,910							
30	52	96 418	13 586,931	180 003,503	13,248	12,779							
31	53	96 155	12 693,040	166 416,572	13,111	12,642							
32	54	95 861	11 854,160	153 723,532	12,968	12,499							
33	55	95 539	11 067,250	141 869,372	12,819	12,350							
34	56	95 175	10 327,934	130 802,123	12,665	12,196							
35	57	94 786	9 635,387	120 474,189	12,503	12,034							
36	58	94 359	8 985,430	110 838,802	12,335	11,866							
37	59	93 882	8 374,732	101 853,373	12,162	11,693							
38	60	93 354	7 801,034	93 478,641	11,983	11,514							
39	61	92 781	7 262,908	85 677,607	11,797	11,327							
40	62	92 156	6 757,842	78 414,699	11,604	11,134							
41	63	91 478	6 283,990	71 656,857	11,403	10,934							
42	64	90 728	5 838,365	65 372,867	11,197	10,728							
43	65	89 929	5 420,994	59 534,502	10,982	10,513							
44	66	89 066	5 029,486	54 113,508	10,759	10,290							
45	67	88 133	4 662,103	49 084,022	10,528	10,059							
46	68	87 144	4 318,310	44 421,918	10,287	9,818							
47	69	86 077	3 995,719	40 103,608	10,037	9,568							
48	70	84 884	3 691,217	36 107,889	9,782	9,313							
49	71	83 599	3 405,452	32 416,672	9,519	9,050							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	1 518 615,119	15,267	14,798	50	73	80 973	3 089,921	27 823,727	9,005	8,536
1	24	99 116	92 848,733	1 419 146,084	15,284	14,815	51	74	79 362	2 836,951	24 733,805	8,718	8,249
2	25	99 076	86 942,431	1 326 297,351	15,255	14,786	52	75	77 640	2 599,883	21 896,855	8,422	7,953
3	26	99 043	81 418,234	1 239 354,920	15,222	14,753	53	76	75 774	2 376,949	19 296,972	8,118	7,649
4	27	99 014	76 247,375	1 157 936,686	15,187	14,717	54	77	73 761	2 167,504	16 920,022	7,806	7,337
5	28	98 982	71 402,983	1 081 689,311	15,149	14,680	55	78	71 635	1 971,917	14 752,518	7,481	7,012
6	29	98 949	66 866,044	1 010 286,328	15,109	14,640	56	79	69 289	1 786,752	12 780,600	7,153	6,684
7	30	98 916	62 616,885	943 420,284	15,067	14,597	57	80	66 729	1 611,932	10 993,848	6,820	6,351
8	31	98 878	58 635,217	880 803,400	15,022	14,553	58	81	63 921	1 446,462	9 381,917	6,486	6,017
9	32	98 839	54 905,735	822 168,183	14,974	14,505	59	82	60 864	1 290,194	7 935,455	6,151	5,681
10	33	98 798	51 412,539	767 262,448	14,924	14,455	60	83	57 499	1 141,796	6 645,260	5,820	5,351
11	34	98 756	48 141,177	715 849,908	14,870	14,401	61	84	53 806	1 000,906	5 503,464	5,498	5,029
12	35	98 711	45 076,788	667 708,731	14,813	14,344	62	85	49 841	868,510	4 502,558	5,184	4,715
13	36	98 657	42 203,045	622 631,944	14,753	14,284	63	86	45 625	744,778	3 634,048	4,879	4,410
14	37	98 600	39 511,944	580 428,898	14,690	14,221	64	87	41 194	629,919	2 889,270	4,587	4,118
15	38	98 538	36 990,271	540 916,954	14,623	14,154	65	88	36 587	524,100	2 259,351	4,311	3,842
16	39	98 469	34 626,725	503 926,682	14,553	14,084	66	89	31 943	428,649	1 735,251	4,048	3,579
17	40	98 382	32 408,695	469 299,957	14,481	14,012	67	90	27 361	343,947	1 306,602	3,799	3,330
18	41	98 293	30 332,122	436 891,262	14,404	13,934	68	91	22 914	269,829	962,655	3,568	3,099
19	42	98 184	28 382,380	406 559,139	14,324	13,855	69	92	18 737	206,686	692,826	3,352	2,883
20	43	98 065	26 555,537	378 176,759	14,241	13,772	70	93	14 894	153,912	486,140	3,159	2,689
21	44	97 936	24 843,844	351 621,222	14,153	13,684	71	94	11 510	111,415	332,228	2,982	2,513
22	45	97 804	23 241,505	326 777,378	14,060	13,591	72	95	8 648	78,416	220,813	2,816	2,347
23	46	97 658	21 739,365	303 535,872	13,962	13,493	73	96	6 279	53,341	142,398	2,670	2,200
24	47	97 501	20 332,082	281 796,507	13,860	13,391	74	97	4 395	34,973	89,057	2,546	2,077
25	48	97 330	19 012,985	261 464,425	13,752	13,283	75	98	3 003	22,385	54,084	2,416	1,947
26	49	97 140	17 775,884	242 451,440	13,639	13,170	76	99	1 975	13,791	31,699	2,299	1,829
27	50	96 933	16 616,513	224 675,556	13,521	13,052	77	100	1 248	8,167	17,908	2,193	1,724
28	51	96 711	15 530,131	208 059,043	13,397	12,928							
29	52	96 466	14 511,208	192 528,912	13,268	12,798							
30	53	96 205	13 556,980	178 017,705	13,131	12,662							
31	54	95 916	12 661,579	164 460,725	12,989	12,520							
32	55	95 597	11 821,511	151 799,146	12,841	12,372							
33	56	95 241	11 032,804	139 977,635	12,687	12,218							
34	57	94 853	10 293,009	128 944,831	12,527	12,058							
35	58	94 430	9 599,193	118 651,822	12,361	11,891							
36	59	93 965	8 947,928	109 052,629	12,187	11,718							
37	60	93 447	8 335,919	100 104,701	12,009	11,540							
38	61	92 875	7 761,040	91 768,781	11,824	11,355							
39	62	92 262	7 222,336	84 007,742	11,632	11,163							
40	63	91 592	6 716,471	76 785,406	11,432	10,963							
41	64	90 860	6 241,509	70 068,934	11,226	10,757							
42	65	90 056	5 795,109	63 827,425	11,014	10,545							
43	66	89 208	5 377,552	58 032,316	10,792	10,322							
44	67	88 286	4 985,439	52 654,764	10,562	10,093							
45	68	87 308	4 618,476	47 669,324	10,321	9,852							
46	69	86 255	4 274,246	43 050,849	10,072	9,603							
47	70	85 083	3 949,583	38 776,602	9,818	9,349							
48	71	83 819	3 644,886	34 827,020	9,555	9,086							
49	72	82 444	3 358,407	31 182,134	9,285	8,816							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	1 515 859,594	15,242	14,773	50	74	79 618	3 038,208	26 591,465	8,752	8,283
1	25	99 100	92 833,480	1 416 406,827	15,258	14,788	51	75	77 918	2 785,341	23 553,257	8,456	7,987
2	26	99 057	86 925,528	1 323 573,347	15,227	14,757	52	76	76 078	2 547,573	20 767,916	8,152	7,683
3	27	99 026	81 403,722	1 236 647,819	15,192	14,722	53	77	74 095	2 324,303	18 220,343	7,839	7,370
4	28	98 993	76 231,382	1 155 244,097	15,154	14,685	54	78	71 995	2 115,618	15 896,040	7,514	7,045
5	29	98 958	71 385,990	1 079 012,715	15,115	14,646	55	79	69 686	1 918,267	13 780,422	7,184	6,715
6	30	98 925	66 849,544	1 007 626,725	15,073	14,604	56	80	67 155	1 731,705	11 862,156	6,850	6,381
7	31	98 888	62 599,178	940 777,181	15,029	14,559	57	81	64 376	1 555,092	10 130,451	6,514	6,045
8	32	98 847	58 616,336	878 178,004	14,982	14,513	58	82	61 338	1 388,003	8 575,358	6,178	5,709
9	33	98 806	54 887,292	819 561,667	14,932	14,463	59	83	58 003	1 229,552	7 187,355	5,846	5,376
10	34	98 763	51 394,533	764 674,376	14,879	14,409	60	84	54 325	1 078,774	5 957,803	5,523	5,054
11	35	98 718	48 122,797	713 279,842	14,822	14,353	61	85	50 374	937,060	4 879,029	5,207	4,738
12	36	98 665	45 055,740	665 157,046	14,763	14,294	62	86	46 168	804,506	3 941,969	4,900	4,431
13	37	98 610	42 182,921	620 101,306	14,700	14,231	63	87	41 734	681,264	3 137,463	4,605	4,136
14	38	98 551	39 491,994	577 918,385	14,634	14,165	64	88	37 111	567,497	2 456,199	4,328	3,859
15	39	98 484	36 969,775	538 426,392	14,564	14,095	65	89	32 442	464,717	1 888,701	4,064	3,595
16	40	98 404	34 604,195	501 456,617	14,491	14,022	66	90	27 829	373,437	1 423,984	3,813	3,344
17	41	98 320	32 388,177	466 852,421	14,414	13,945	67	91	23 336	293,346	1 050,547	3,581	3,112
18	42	98 221	30 309,891	434 464,245	14,334	13,865	68	92	19 112	225,057	757,201	3,364	2,895
19	43	98 104	28 359,480	404 154,354	14,251	13,782	69	93	15 215	167,840	532,144	3,171	2,701
20	44	97 977	26 531,752	375 794,874	14,164	13,695	70	94	11 775	121,674	364,304	2,994	2,525
21	45	97 844	24 820,346	349 263,123	14,072	13,603	71	95	8 869	85,850	242,630	2,826	2,357
22	46	97 699	23 216,505	324 442,777	13,975	13,506	72	96	6 449	58,478	156,780	2,681	2,212
23	47	97 542	21 713,622	301 226,272	13,873	13,404	73	97	4 525	38,442	98,302	2,557	2,088
24	48	97 375	20 305,663	279 512,650	13,765	13,296	74	98	3 100	24,665	59,860	2,427	1,958
25	49	97 182	18 984,141	259 206,987	13,654	13,185	75	99	2 045	15,244	35,195	2,309	1,840
26	50	96 976	17 745,948	240 222,846	13,537	13,068	76	100	1 297	9,057	19,951	2,203	1,734
27	51	96 755	16 585,874	222 476,898	13,414	12,945							
28	52	96 510	15 497,882	205 891,024	13,285	12,816							
29	53	96 253	14 479,219	190 393,142	13,149	12,680							
30	54	95 967	13 523,378	175 913,923	13,008	12,539							
31	55	95 652	12 626,706	162 390,546	12,861	12,392							
32	56	95 300	11 784,718	149 763,840	12,708	12,239							
33	57	94 919	10 995,496	137 979,122	12,549	12,080							
34	58	94 497	10 254,345	126 983,626	12,383	11,914							
35	59	94 036	9 559,130	116 729,281	12,211	11,742							
36	60	93 530	8 906,459	107 170,151	12,033	11,564							
37	61	92 968	8 293,183	98 263,692	11,849	11,380							
38	62	92 356	7 717,685	89 970,509	11,658	11,189							
39	63	91 698	7 178,121	82 252,824	11,459	10,990							
40	64	90 973	6 671,067	75 074,702	11,254	10,785							
41	65	90 187	6 195,267	68 403,636	11,041	10,572							
42	66	89 334	5 748,669	62 208,369	10,821	10,352							
43	67	88 427	5 330,457	56 459,700	10,592	10,123							
44	68	87 460	4 938,786	51 129,243	10,353	9,883							
45	69	86 417	4 571,349	46 190,457	10,104	9,635							
46	70	85 259	4 224,895	41 619,108	9,851	9,382							
47	71	84 015	3 900,009	37 394,213	9,588	9,119							
48	72	82 661	3 594,533	33 494,205	9,318	8,849							
49	73	81 212	3 308,206	29 899,671	9,038	8,569							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	1 512 919,464	15,215	14,746	50	75	78 170	2 982,937	25 316,869	8,487	8,018
1	26	99 080	92 815,432	1 413 483,034	15,229	14,760	51	76	76 351	2 729,300	22 333,932	8,183	7,714
2	27	99 039	86 910,034	1 320 667,602	15,196	14,727	52	77	74 393	2 491,148	19 604,632	7,870	7,401
3	28	99 005	81 386,648	1 233 757,568	15,159	14,690	53	78	72 322	2 268,662	17 113,485	7,543	7,074
4	29	98 970	76 213,240	1 152 370,920	15,120	14,651	54	79	70 036	2 058,057	14 844,822	7,213	6,744
5	30	98 934	71 368,374	1 076 157,680	15,079	14,610	55	80	67 539	1 859,168	12 786,765	6,878	6,409
6	31	98 897	66 830,640	1 004 789,306	15,035	14,566	56	81	64 787	1 670,643	10 927,597	6,541	6,072
7	32	98 856	62 579,020	937 958,666	14,988	14,519	57	82	61 774	1 492,243	9 256,955	6,203	5,734
8	33	98 813	58 596,646	875 379,646	14,939	14,470	58	83	58 455	1 322,764	7 764,712	5,870	5,401
9	34	98 771	54 868,069	816 782,999	14,886	14,417	59	84	54 802	1 161,686	6 441,948	5,545	5,076
10	35	98 726	51 374,911	761 914,931	14,830	14,361	60	85	50 860	1 009,961	5 280,262	5,228	4,759
11	36	98 672	48 100,326	710 540,019	14,772	14,303	61	86	46 662	868,005	4 270,301	4,920	4,451
12	37	98 618	45 034,255	662 439,693	14,710	14,241	62	87	42 231	735,899	3 402,296	4,623	4,154
13	38	98 560	42 161,621	617 405,438	14,644	14,175	63	88	37 599	613,755	2 666,397	4,344	3,875
14	39	98 496	39 470,111	575 243,817	14,574	14,105	64	89	32 907	503,198	2 052,643	4,079	3,610
15	40	98 420	36 945,721	535 773,706	14,502	14,033	65	90	28 263	404,859	1 549,445	3,827	3,358
16	41	98 342	34 582,286	498 827,986	14,424	13,955	66	91	23 735	318,498	1 144,586	3,594	3,125
17	42	98 248	32 364,438	464 245,699	14,344	13,875	67	92	19 464	244,672	826,089	3,376	2,907
18	43	98 142	30 285,435	431 881,261	14,260	13,791	68	93	15 520	182,758	581,417	3,181	2,712
19	44	98 016	28 334,078	401 595,826	14,174	13,704	69	94	12 028	132,684	398,658	3,005	2,535
20	45	97 884	26 506,657	373 261,748	14,082	13,613	70	95	9 073	93,755	265,974	2,837	2,368
21	46	97 739	24 793,647	346 755,091	13,986	13,517	71	96	6 614	64,022	172,219	2,690	2,221
22	47	97 583	23 189,013	321 961,444	13,884	13,415	72	97	4 648	42,145	108,197	2,567	2,098
23	48	97 416	21 685,408	298 772,431	13,778	13,308	73	98	3 192	27,112	66,052	2,436	1,967
24	49	97 227	20 274,857	277 087,024	13,667	13,197	74	99	2 111	16,796	38,940	2,318	1,849
25	50	97 019	18 952,170	256 812,166	13,551	13,081	75	100	1 343	10,011	22,144	2,212	1,743
26	51	96 797	17 713,226	237 859,996	13,428	12,959							
27	52	96 554	16 551,433	220 146,770	13,301	12,832							
28	53	96 297	15 463,718	203 595,337	13,166	12,697							
29	54	96 014	14 443,331	188 131,618	13,026	12,556							
30	55	95 703	13 486,131	173 688,287	12,879	12,410							
31	56	95 354	12 587,407	160 202,157	12,727	12,258							
32	57	94 977	11 744,867	147 614,750	12,568	12,099							
33	58	94 563	10 954,193	135 869,884	12,403	11,934							
34	59	94 102	10 211,548	124 915,690	12,233	11,764							
35	60	93 600	9 514,829	114 704,142	12,055	11,586							
36	61	93 050	8 860,798	105 189,313	11,871	11,402							
37	62	92 449	8 246,855	96 328,516	11,681	11,212							
38	63	91 791	7 670,438	88 081,660	11,483	11,014							
39	64	91 078	7 129,596	80 411,222	11,279	10,809							
40	65	90 299	6 621,642	73 281,626	11,067	10,598							
41	66	89 464	6 145,620	66 659,984	10,847	10,378							
42	67	88 552	5 698,324	60 514,364	10,620	10,151							
43	68	87 599	5 280,575	54 816,040	10,381	9,912							
44	69	86 567	4 888,391	49 535,466	10,133	9,664							
45	70	85 419	4 518,567	44 647,075	9,881	9,412							
46	71	84 189	4 171,865	40 128,508	9,619	9,150							
47	72	82 854	3 846,132	35 956,643	9,349	8,880							
48	73	81 425	3 540,803	32 110,511	9,069	8,600							
49	74	79 853	3 252,840	28 569,709	8,783	8,314							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	3 600,657	44 549,305	12,373	11,903
1	0	99 661	93 359,627	1 450 725,034	15,539	15,070	51	50	93 896	3 356,480	40 948,648	12,200	11,731
2	1	99 349	87 182,338	1 357 365,407	15,569	15,100	52	51	93 387	3 127,217	37 592,168	12,021	11,552
3	2	99 314	81 640,612	1 270 183,068	15,558	15,089	53	52	92 821	2 911,712	34 464,951	11,837	11,368
4	3	99 289	76 459,211	1 188 542,457	15,545	15,076	54	53	92 198	2 709,302	31 553,239	11,646	11,177
5	4	99 268	71 609,241	1 112 083,246	15,530	15,061	55	54	91 509	2 519,017	28 843,937	11,450	10,981
6	5	99 250	67 068,985	1 040 474,005	15,513	15,044	56	55	90 738	2 339,853	26 324,920	11,251	10,782
7	6	99 234	62 818,164	973 405,019	15,496	15,026	57	56	89 883	2 171,238	23 985,067	11,047	10,578
8	7	99 217	58 836,040	910 586,856	15,477	15,008	58	57	88 946	2 012,738	21 813,828	10,838	10,369
9	8	99 205	55 108,906	851 750,816	15,456	14,987	59	58	87 927	1 863,878	19 801,090	10,624	10,154
10	9	99 190	51 616,404	796 641,910	15,434	14,965	60	59	86 799	1 723,626	17 937,211	10,407	9,938
11	10	99 177	48 346,433	745 025,506	15,410	14,941	61	60	85 572	1 591,800	16 213,586	10,186	9,717
12	11	99 165	45 283,751	696 679,073	15,385	14,916	62	61	84 231	1 467,788	14 621,786	9,962	9,493
13	12	99 148	42 413,358	651 395,323	15,358	14,889	63	62	82 776	1 351,226	13 153,998	9,735	9,266
14	13	99 133	39 725,280	608 981,965	15,330	14,861	64	63	81 204	1 241,739	11 802,773	9,505	9,036
15	14	99 113	37 205,839	569 256,685	15,300	14,831	65	64	79 515	1 139,029	10 561,034	9,272	8,803
16	15	99 088	34 844,613	532 050,846	15,269	14,800	66	65	77 714	1 042,841	9 422,005	9,035	8,566
17	16	99 054	32 630,082	497 206,233	15,238	14,769	67	66	75 796	952,792	8 379,164	8,794	8,325
18	17	99 015	30 554,764	464 576,151	15,205	14,736	68	67	73 774	868,732	7 426,372	8,549	8,079
19	18	98 964	28 607,972	434 021,387	15,171	14,702	69	68	71 648	790,353	6 557,640	8,297	7,828
20	19	98 908	26 783,874	405 413,415	15,136	14,667	70	69	69 422	717,373	5 767,287	8,039	7,570
21	20	98 851	25 075,805	378 629,541	15,099	14,630	71	70	67 076	649,300	5 049,914	7,777	7,308
22	21	98 795	23 476,871	353 553,736	15,060	14,591	72	71	64 582	585,631	4 400,614	7,514	7,045
23	22	98 737	21 979,433	330 076,865	15,018	14,548	73	72	62 016	526,802	3 814,983	7,242	6,773
24	23	98 678	20 577,528	308 097,432	14,973	14,503	74	73	59 328	472,100	3 288,181	6,965	6,496
25	24	98 617	19 264,392	287 519,904	14,925	14,456	75	74	56 516	421,287	2 816,081	6,684	6,215
26	25	98 557	18 035,335	268 255,512	14,874	14,405	76	75	53 588	374,202	2 394,795	6,400	5,931
27	26	98 495	16 884,199	250 220,178	14,820	14,351	77	76	50 543	330,625	2 020,593	6,111	5,642
28	27	98 433	15 806,648	233 335,979	14,762	14,293	78	77	47 434	290,665	1 689,968	5,814	5,345
29	28	98 367	14 797,212	217 529,330	14,701	14,232	79	78	44 228	253,883	1 399,303	5,512	5,042
30	29	98 295	13 851,421	202 732,118	14,636	14,167	80	79	40 896	219,912	1 145,420	5,209	4,739
31	30	98 219	12 965,517	188 880,697	14,568	14,099	81	80	37 425	188,522	925,508	4,909	4,440
32	31	98 135	12 135,284	175 915,180	14,496	14,027	82	81	33 859	159,777	736,985	4,613	4,143
33	32	98 043	11 357,345	163 779,896	14,421	13,951	83	82	30 236	133,657	577,209	4,319	3,849
34	33	97 941	10 628,168	152 422,551	14,341	13,872	84	83	26 539	109,894	443,552	4,036	3,567
35	34	97 838	9 945,648	141 794,383	14,257	13,788	85	84	22 828	88,551	333,657	3,768	3,299
36	35	97 727	9 306,178	131 848,735	14,168	13,699	86	85	19 194	69,746	245,106	3,514	3,045
37	36	97 595	8 705,965	122 542,557	14,076	13,607	87	86	15 740	53,581	175,361	3,273	2,804
38	37	97 451	8 143,451	113 836,591	13,979	13,510	88	87	12 540	39,988	121,780	3,045	2,576
39	38	97 303	7 616,926	105 693,141	13,876	13,407	89	88	9 640	28,796	81,792	2,840	2,371
40	39	97 137	7 123,106	98 076,215	13,769	13,300	90	89	7 136	19,968	52,996	2,654	2,185
41	40	96 954	6 660,105	90 953,109	13,656	13,187	91	90	5 077	13,307	33,028	2,482	2,013
42	41	96 752	6 225,978	84 293,004	13,539	13,070	92	91	3 461	8,498	19,721	2,321	1,851
43	42	96 544	5 819,779	78 067,026	13,414	12,945	93	92	2 240	5,153	11,223	2,178	1,709
44	43	96 312	5 438,698	72 247,246	13,284	12,815	94	93	1 374	2,960	6,070	2,051	1,582
45	44	96 059	5 081,410	66 808,548	13,148	12,679	95	94	793	1,600	3,110	1,943	1,474
46	45	95 788	4 746,663	61 727,138	13,004	12,535	96	95	433	0,819	1,510	1,843	1,374
47	46	95 488	4 432,578	56 980,474	12,855	12,386	97	96	221	0,392	0,691	1,761	1,292
48	47	95 152	4 137,711	52 547,896	12,700	12,231	98	97	106	0,177	0,298	1,690	1,221
49	48	94 779	3 860,880	48 410,185	12,539	12,070	99	98	49	0,076	0,122	1,612	1,142
							100	99	21	0,030	0,046	1,548	1,079

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	48	94 501	3 606,128	44 816,837	12,428	11,959
							51	49	94 054	3 362,142	41 210,709	12,257	11,788
2	0	99 637	87 435,190	1 358 086,094	15,532	15,063	52	50	93 560	3 132,994	37 848,566	12,081	11,612
3	1	99 336	81 658,774	1 270 650,904	15,560	15,091	53	51	93 014	2 917,771	34 715,573	11,898	11,429
4	2	99 302	76 469,259	1 188 992,130	15,549	15,080	54	52	92 402	2 715,287	31 797,801	11,711	11,242
5	3	99 278	71 616,381	1 112 522,871	15,534	15,065	55	53	91 737	2 525,276	29 082,514	11,517	11,047
6	4	99 259	67 075,160	1 040 906,490	15,519	15,049	56	54	90 989	2 346,316	26 557,238	11,319	10,850
7	5	99 241	62 822,432	973 831,330	15,501	15,032	57	55	90 163	2 178,017	24 210,922	11,116	10,647
8	6	99 224	58 840,336	911 008,898	15,483	15,014	58	56	89 247	2 019,568	22 032,905	10,910	10,441
9	7	99 210	55 111,531	852 168,562	15,463	14,993	59	57	88 259	1 870,906	20 013,337	10,697	10,228
10	8	99 197	51 620,124	797 057,031	15,441	14,972	60	58	87 163	1 730,850	18 142,431	10,482	10,013
11	9	99 182	48 349,002	745 436,907	15,418	14,949	61	59	85 970	1 599,211	16 411,582	10,262	9,793
12	10	99 170	45 286,268	697 087,905	15,393	14,924	62	60	84 665	1 475,352	14 812,371	10,040	9,571
13	11	99 156	42 416,620	651 801,637	15,367	14,898	63	61	83 241	1 358,816	13 337,019	9,815	9,346
14	12	99 139	39 727,791	609 385,017	15,339	14,870	64	62	81 704	1 249,387	11 978,203	9,587	9,118
15	13	99 121	37 208,780	569 657,226	15,310	14,841	65	63	80 056	1 146,781	10 728,816	9,356	8,886
16	14	99 097	34 847,828	532 448,446	15,279	14,810	66	64	78 294	1 050,625	9 582,034	9,120	8,651
17	15	99 066	32 633,860	497 600,618	15,248	14,779	67	65	76 408	960,489	8 531,409	8,882	8,413
18	16	99 028	30 558,671	464 966,759	15,216	14,746	68	66	74 426	876,408	7 570,920	8,639	8,169
19	17	98 977	28 611,681	434 408,088	15,183	14,714	69	67	72 325	797,819	6 694,513	8,391	7,922
20	18	98 924	26 788,223	405 796,407	15,148	14,679	70	68	70 138	724,768	5 896,693	8,136	7,667
21	19	98 867	25 079,927	379 008,184	15,112	14,643	71	69	67 859	656,884	5 171,925	7,873	7,404
22	20	98 811	23 480,715	353 928,256	15,073	14,604	72	70	65 403	593,075	4 515,041	7,613	7,144
23	21	98 753	21 983,165	330 447,542	15,032	14,563	73	71	62 885	534,181	3 921,965	7,342	6,873
24	22	98 695	20 580,981	308 464,376	14,988	14,519	74	72	60 228	479,264	3 387,784	7,069	6,600
25	23	98 633	19 267,543	287 883,395	14,941	14,472	75	73	57 478	428,457	2 908,520	6,788	6,319
26	24	98 574	18 038,298	268 615,852	14,891	14,422	76	74	54 581	381,136	2 480,063	6,507	6,038
27	25	98 514	16 887,482	250 577,555	14,838	14,369	77	75	51 581	337,414	2 098,927	6,221	5,752
28	26	98 451	15 809,466	233 690,073	14,782	14,313	78	76	48 508	297,249	1 761,514	5,926	5,457
29	27	98 387	14 800,316	217 880,606	14,721	14,252	79	77	45 313	260,109	1 464,265	5,629	5,160
30	28	98 318	13 854,718	203 080,290	14,658	14,189	80	78	42 040	226,063	1 204,156	5,327	4,858
31	29	98 243	12 968,718	189 225,572	14,591	14,122	81	79	38 615	194,515	978,093	5,028	4,559
32	30	98 162	12 138,717	176 256,854	14,520	14,051	82	80	35 097	165,617	783,578	4,731	4,262
33	31	98 075	11 361,003	164 118,137	14,446	13,977	83	81	31 510	139,286	617,961	4,437	3,967
34	32	97 974	10 631,739	152 757,135	14,368	13,899	84	82	27 848	115,315	478,675	4,151	3,682
35	33	97 873	9 949,133	142 125,395	14,285	13,816	85	83	24 161	93,724	363,360	3,877	3,408
36	34	97 764	9 309,732	132 176,262	14,198	13,729	86	84	20 501	74,498	269,636	3,619	3,150
37	35	97 641	8 710,032	122 866,530	14,106	13,637	87	85	16 993	57,844	195,138	3,374	2,904
38	36	97 498	8 147,336	114 156,497	14,012	13,542	88	86	13 709	43,716	137,295	3,141	2,671
39	37	97 352	7 620,774	106 009,162	13,911	13,441	89	87	10 700	31,963	93,579	2,928	2,459
40	38	97 191	7 127,055	98 388,388	13,805	13,336	90	88	8 047	22,519	61,615	2,736	2,267
41	39	97 017	6 664,441	91 261,332	13,694	13,225	91	89	5 827	15,275	39,096	2,560	2,090
42	40	96 813	6 229,923	84 596,891	13,579	13,110	92	90	4 058	9,964	23,822	2,391	1,922
43	41	96 615	5 824,048	78 366,969	13,456	12,987	93	91	2 686	6,178	13,858	2,243	1,774
44	42	96 390	5 443,090	72 542,921	13,328	12,858	94	92	1 691	3,645	7,679	2,107	1,638
45	43	96 145	5 085,966	67 099,831	13,193	12,724	95	93	1 003	2,024	4,035	1,993	1,524
46	44	95 879	4 751,157	62 013,865	13,052	12,583	96	94	562	1,063	2,010	1,891	1,422
47	45	95 590	4 437,351	57 262,708	12,905	12,436	97	95	297	0,526	0,947	1,802	1,332
48	46	95 265	4 142,617	52 825,357	12,752	12,283	98	96	148	0,245	0,422	1,720	1,251
49	47	94 902	3 865,903	48 682,740	12,593	12,124	99	97	69	0,107	0,176	1,646	1,177
							100	98	30	0,044	0,069	1,579	1,110

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	3 610,820	45 062,283	12,480	12,011
1							51	48	94 197	3 367,251	41 451,463	12,310	11,841
2							52	49	93 718	3 138,279	38 084,212	12,135	11,666
3	0	99 624	81 895,605	1 271 315,994	15,524	15,054	53	50	93 186	2 923,161	34 945,934	11,955	11,486
4	1	99 324	76 486,271	1 189 420,389	15,551	15,082	54	51	92 594	2 720,937	32 022,772	11,769	11,300
5	2	99 291	71 625,793	1 112 934,118	15,538	15,069	55	52	91 939	2 530,855	29 301,835	11,578	11,109
6	3	99 269	67 081,848	1 041 308,325	15,523	15,054	56	53	91 215	2 352,146	26 770,980	11,382	10,912
7	4	99 250	62 828,216	974 226,477	15,506	15,037	57	54	90 412	2 184,033	24 418,834	11,181	10,711
8	5	99 231	58 844,334	911 398,262	15,488	15,019	58	55	89 526	2 025,873	22 234,802	10,975	10,506
9	6	99 217	55 115,555	852 553,927	15,468	14,999	59	56	88 558	1 877,254	20 208,929	10,765	10,296
10	7	99 202	51 622,583	797 438,372	15,447	14,978	60	57	87 492	1 737,376	18 331,674	10,551	10,082
11	8	99 189	48 352,487	745 815,790	15,425	14,955	61	58	86 330	1 605,913	16 594,299	10,333	9,864
12	9	99 175	45 288,675	697 463,303	15,400	14,931	62	59	85 059	1 482,221	14 988,385	10,112	9,643
13	10	99 161	42 418,978	652 174,627	15,375	14,905	63	60	83 670	1 365,819	13 506,164	9,889	9,420
14	11	99 147	39 730,846	609 755,649	15,347	14,878	64	61	82 163	1 256,406	12 140,346	9,663	9,194
15	12	99 127	37 211,131	570 024,803	15,319	14,850	65	62	80 549	1 153,845	10 883,940	9,433	8,964
16	13	99 105	34 850,582	532 813,672	15,289	14,819	66	63	78 827	1 057,776	9 730,095	9,199	8,730
17	14	99 075	32 636,870	497 963,089	15,258	14,789	67	64	76 979	967,658	8 672,319	8,962	8,493
18	15	99 039	30 562,209	465 326,219	15,226	14,756	68	65	75 027	883,488	7 704,661	8,721	8,252
19	16	98 989	28 615,340	434 764,010	15,193	14,724	69	66	72 964	804,868	6 821,173	8,475	8,006
20	17	98 937	26 791,696	406 148,670	15,159	14,690	70	67	70 800	731,615	6 016,305	8,223	7,754
21	18	98 883	25 083,999	379 356,974	15,123	14,654	71	68	68 559	663,656	5 284,691	7,963	7,494
22	19	98 827	23 484,575	354 272,975	15,085	14,616	72	69	66 167	600,003	4 621,034	7,702	7,233
23	20	98 769	21 986,764	330 788,400	15,045	14,576	73	70	63 684	540,972	4 021,031	7,433	6,964
24	21	98 712	20 584,476	308 801,636	15,002	14,533	74	71	61 072	485,977	3 480,060	7,161	6,692
25	22	98 650	19 270,776	288 217,159	14,956	14,487	75	72	58 350	434,959	2 994,082	6,884	6,414
26	23	98 590	18 041,249	268 946,383	14,907	14,438	76	73	55 510	387,623	2 559,123	6,602	6,133
27	24	98 530	16 890,257	250 905,135	14,855	14,386	77	74	52 537	343,666	2 171,501	6,319	5,850
28	25	98 470	15 812,541	234 014,878	14,799	14,330	78	75	49 504	303,352	1 827,335	6,025	5,556
29	26	98 405	14 802,955	218 202,338	14,740	14,271	79	76	46 339	266,001	1 524,483	5,731	5,262
30	27	98 339	13 857,625	203 399,383	14,678	14,209	80	77	43 071	231,607	1 258,482	5,434	4,965
31	28	98 266	12 971,805	189 541,758	14,612	14,143	81	78	39 695	199,955	1 026,874	5,136	4,666
32	29	98 187	12 141,713	176 569,953	14,542	14,073	82	79	36 213	170,881	826,919	4,839	4,370
33	30	98 102	11 364,216	164 428,240	14,469	14,000	83	80	32 661	144,377	656,038	4,544	4,075
34	31	98 006	10 635,164	153 064,024	14,392	13,923	84	81	29 020	120,171	511,661	4,258	3,789
35	32	97 905	9 952,476	142 428,860	14,311	13,842	85	82	25 353	98,346	391,489	3,981	3,512
36	33	97 799	9 312,994	132 476,384	14,225	13,756	86	83	21 699	78,850	293,143	3,718	3,249
37	34	97 678	8 713,359	123 163,390	14,135	13,666	87	84	18 150	61,785	214,293	3,468	2,999
38	35	97 543	8 151,142	114 450,031	14,041	13,572	88	85	14 800	47,194	152,508	3,232	2,762
39	36	97 399	7 624,410	106 298,889	13,942	13,473	89	86	11 698	34,943	105,314	3,014	2,545
40	37	97 240	7 130,656	98 674,479	13,838	13,369	90	87	8 933	24,996	70,371	2,815	2,346
41	38	97 071	6 668,136	91 543,823	13,729	13,259	91	88	6 572	17,227	45,375	2,634	2,165
42	39	96 876	6 233,979	84 875,688	13,615	13,146	92	89	4 658	11,437	28,148	2,461	1,992
43	40	96 676	5 827,738	78 641,709	13,494	13,025	93	90	3 149	7,244	16,711	2,307	1,838
44	41	96 461	5 447,082	72 813,971	13,368	12,898	94	91	2 028	4,370	9,467	2,167	1,697
45	42	96 223	5 090,073	67 366,889	13,235	12,766	95	92	1 235	2,493	5,098	2,045	1,576
46	43	95 965	4 755,417	62 276,816	13,096	12,627	96	93	711	1,345	2,605	1,937	1,468
47	44	95 681	4 441,552	57 521,399	12,951	12,482	97	94	385	0,683	1,260	1,846	1,377
48	45	95 368	4 147,077	53 079,847	12,799	12,330	98	95	198	0,329	0,578	1,757	1,288
49	46	95 015	3 870,487	48 932,770	12,643	12,173	99	96	96	0,149	0,249	1,673	1,204
							100	97	43	0,062	0,100	1,610	1,141

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	3 615,101	45 287,251	12,527	12,058
1							51	47	94 320	3 371,632	41 672,150	12,360	11,891
2							52	48	93 860	3 143,047	38 300,518	12,186	11,717
3							53	49	93 343	2 928,092	35 157,471	12,007	11,538
4	0	99 612	76 708,101	1 190 034,035	15,514	15,045	54	50	92 765	2 725,964	32 229,379	11,823	11,354
5	1	99 313	71 641,727	1 113 325,934	15,540	15,071	55	51	92 131	2 536,122	29 503,415	11,633	11,164
6	2	99 282	67 090,664	1 041 684,207	15,527	15,057	56	52	91 416	2 357,342	26 967,294	11,440	10,971
7	3	99 260	62 834,480	974 593,544	15,510	15,041	57	53	90 637	2 189,459	24 609,951	11,240	10,771
8	4	99 240	58 849,752	911 759,063	15,493	15,024	58	54	89 773	2 031,468	22 420,492	11,037	10,567
9	5	99 224	55 119,300	852 909,312	15,474	15,005	59	55	88 835	1 883,115	20 389,024	10,827	10,358
10	6	99 209	51 626,352	797 790,012	15,453	14,984	60	56	87 789	1 743,271	18 505,909	10,616	10,146
11	7	99 194	48 354,790	746 163,660	15,431	14,962	61	57	86 656	1 611,968	16 762,638	10,399	9,930
12	8	99 183	45 291,939	697 808,869	15,407	14,938	62	58	85 416	1 488,433	15 150,669	10,179	9,710
13	9	99 167	42 421,233	652 516,930	15,382	14,913	63	59	84 060	1 372,178	13 662,236	9,957	9,487
14	10	99 152	39 733,055	610 095,697	15,355	14,886	64	60	82 586	1 262,880	12 290,059	9,732	9,263
15	11	99 134	37 213,993	570 362,642	15,327	14,857	65	61	81 001	1 160,327	11 027,178	9,504	9,034
16	12	99 111	34 852,785	533 148,649	15,297	14,828	66	62	79 312	1 064,291	9 866,852	9,271	8,802
17	13	99 082	32 639,450	498 295,864	15,267	14,798	67	63	77 503	974,244	8 802,560	9,035	8,566
18	14	99 048	30 565,029	465 656,414	15,235	14,766	68	64	75 587	890,082	7 828,316	8,795	8,326
19	15	99 001	28 618,653	435 091,385	15,203	14,734	69	65	73 553	811,370	6 938,234	8,551	8,082
20	16	98 949	26 795,122	406 472,732	15,170	14,701	70	66	71 426	738,079	6 126,864	8,301	7,832
21	17	98 896	25 087,252	379 677,610	15,134	14,665	71	67	69 206	669,925	5 388,785	8,044	7,575
22	18	98 843	23 488,388	354 590,359	15,096	14,627	72	68	66 849	606,189	4 718,860	7,784	7,315
23	19	98 786	21 990,379	331 101,971	15,057	14,588	73	69	64 428	547,291	4 112,671	7,515	7,045
24	20	98 728	20 587,846	309 111,592	15,014	14,545	74	70	61 848	492,155	3 565,380	7,244	6,775
25	21	98 667	19 274,049	288 523,746	14,970	14,500	75	71	59 167	441,052	3 073,226	6,968	6,499
26	22	98 606	18 044,276	269 249,698	14,922	14,452	76	72	56 352	393,505	2 632,174	6,689	6,220
27	23	98 546	16 893,020	251 205,422	14,870	14,401	77	73	53 431	349,515	2 238,669	6,405	5,936
28	24	98 486	15 815,138	234 312,402	14,816	14,347	78	74	50 422	308,973	1 889,154	6,114	5,645
29	25	98 424	14 805,833	218 497,263	14,758	14,288	79	75	47 290	271,463	1 580,180	5,821	5,352
30	26	98 356	13 860,095	203 691,430	14,696	14,227	80	76	44 046	236,853	1 308,718	5,525	5,056
31	27	98 287	12 974,526	189 831,335	14,631	14,162	81	77	40 668	204,859	1 071,864	5,232	4,763
32	28	98 210	12 144,603	176 856,809	14,563	14,093	82	78	37 226	175,661	867,005	4,936	4,467
33	29	98 127	11 367,021	164 712,206	14,490	14,021	83	79	33 700	148,967	691,345	4,641	4,172
34	30	98 034	10 638,172	153 345,184	14,415	13,945	84	80	30 081	124,564	542,378	4,354	3,885
35	31	97 937	9 955,682	142 707,012	14,334	13,865	85	81	26 421	102,488	417,814	4,077	3,608
36	32	97 832	9 316,124	132 751,330	14,250	13,781	86	82	22 769	82,739	315,326	3,811	3,342
37	33	97 712	8 716,412	123 435,207	14,161	13,692	87	83	19 211	65,394	232,587	3,557	3,088
38	34	97 581	8 154,255	114 718,795	14,069	13,599	88	84	15 808	50,410	167,193	3,317	2,848
39	35	97 444	7 627,972	106 564,540	13,970	13,501	89	85	12 628	37,723	116,783	3,096	2,627
40	36	97 286	7 134,058	98 936,568	13,868	13,399	90	86	9 765	27,326	79,060	2,893	2,424
41	37	97 120	6 671,504	91 802,511	13,760	13,291	91	87	7 295	19,121	51,734	2,706	2,236
42	38	96 930	6 237,435	85 131,006	13,648	13,179	92	88	5 253	12,899	32,612	2,528	2,059
43	39	96 739	5 831,532	78 893,571	13,529	13,060	93	89	3 615	8,315	19,713	2,371	1,902
44	40	96 522	5 450,533	73 062,039	13,405	12,935	94	90	2 378	5,124	11,399	2,225	1,756
45	41	96 294	5 093,806	67 611,506	13,273	12,804	95	91	1 481	2,989	6,275	2,100	1,630
46	42	96 042	4 759,257	62 517,700	13,136	12,667	96	92	876	1,656	3,286	1,985	1,516
47	43	95 767	4 445,534	57 758,443	12,992	12,523	97	93	487	0,863	1,631	1,889	1,419
48	44	95 458	4 151,004	53 312,909	12,843	12,374	98	94	257	0,427	0,767	1,799	1,330
49	45	95 117	3 874,655	49 161,905	12,688	12,219	99	95	128	0,199	0,341	1,708	1,239
							100	96	59	0,086	0,141	1,636	1,167

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	3 618,994	45 493,266	12,571	12,102
1							51	46	94 431	3 375,629	41 874,272	12,405	11,936
2							52	47	93 982	3 147,137	38 498,643	12,233	11,764
3							53	48	93 485	2 932,541	35 351,506	12,055	11,586
4							54	49	92 922	2 730,562	32 418,965	11,873	11,404
5	0	99 601	71 849,507	1 113 892,022	15,503	15,034	55	50	92 301	2 540,807	29 688,403	11,685	11,216
6	1	99 304	67 105,589	1 042 042,515	15,528	15,059	56	51	91 607	2 362,248	27 147,596	11,492	11,023
7	2	99 273	62 842,738	974 936,926	15,514	15,045	57	52	90 837	2 194,296	24 785,349	11,295	10,826
8	3	99 250	58 855,619	912 094,189	15,497	15,028	58	53	89 996	2 036,516	22 591,052	11,093	10,624
9	4	99 233	55 124,374	853 238,569	15,478	15,009	59	54	89 080	1 888,316	20 554,536	10,885	10,416
10	5	99 216	51 629,860	798 114,195	15,458	14,989	60	55	88 063	1 748,713	18 666,220	10,674	10,205
11	6	99 201	48 358,321	746 484,335	15,437	14,967	61	56	86 950	1 617,438	16 917,507	10,459	9,990
12	7	99 187	45 294,097	698 126,014	15,413	14,944	62	57	85 738	1 494,045	15 300,069	10,241	9,772
13	8	99 174	42 424,290	652 831,917	15,388	14,919	63	58	84 412	1 377,929	13 806,024	10,019	9,550
14	9	99 157	39 735,167	610 407,627	15,362	14,893	64	59	82 971	1 268,760	12 428,095	9,795	9,326
15	10	99 140	37 216,062	570 672,460	15,334	14,865	65	60	81 419	1 166,306	11 159,335	9,568	9,099
16	11	99 119	34 855,466	533 456,397	15,305	14,836	66	61	79 758	1 070,270	9 993,029	9,337	8,868
17	12	99 089	32 641,513	498 600,932	15,275	14,806	67	62	77 980	980,245	8 922,759	9,103	8,633
18	13	99 056	30 567,445	465 959,419	15,244	14,775	68	63	76 101	896,140	7 942,514	8,863	8,394
19	14	99 010	28 621,293	435 391,974	15,212	14,743	69	64	74 102	817,426	7 046,373	8,620	8,151
20	15	98 961	26 798,224	406 770,681	15,179	14,710	70	65	72 003	744,041	6 228,947	8,372	7,903
21	16	98 909	25 090,459	379 972,456	15,144	14,675	71	66	69 818	675,844	5 484,906	8,116	7,647
22	17	98 856	23 491,433	354 881,997	15,107	14,638	72	67	67 481	611,915	4 809,061	7,859	7,390
23	18	98 802	21 993,949	331 390,564	15,067	14,598	73	68	65 092	552,933	4 197,147	7,591	7,122
24	19	98 744	20 591,230	309 396,615	15,026	14,557	74	69	62 570	497,904	3 644,214	7,319	6,850
25	20	98 683	19 277,204	288 805,385	14,982	14,513	75	70	59 919	446,658	3 146,310	7,044	6,575
26	21	98 623	18 047,340	269 528,181	14,935	14,465	76	71	57 141	399,017	2 699,652	6,766	6,297
27	22	98 563	16 895,854	251 480,840	14,884	14,415	77	72	54 242	354,819	2 300,635	6,484	6,015
28	23	98 502	15 817,726	234 584,986	14,831	14,361	78	73	51 280	314,232	1 945,816	6,192	5,723
29	24	98 440	14 808,266	218 767,260	14,773	14,304	79	74	48 167	276,493	1 631,584	5,901	5,432
30	25	98 376	13 862,791	203 958,995	14,713	14,244	80	75	44 951	241,717	1 355,091	5,606	5,137
31	26	98 304	12 976,839	190 096,204	14,649	14,180	81	76	41 589	209,499	1 113,374	5,314	4,845
32	27	98 231	12 147,151	177 119,365	14,581	14,112	82	77	38 138	179,969	903,875	5,022	4,553
33	28	98 150	11 369,727	164 972,214	14,510	14,041	83	78	34 642	153,133	723,906	4,727	4,258
34	29	98 058	10 640,798	153 602,487	14,435	13,966	84	79	31 037	128,523	570,773	4,441	3,972
35	30	97 965	9 958,498	142 961,689	14,356	13,887	85	80	27 386	106,234	442,250	4,163	3,694
36	31	97 863	9 319,124	133 003,191	14,272	13,803	86	81	23 728	86,224	336,016	3,897	3,428
37	32	97 745	8 719,341	123 684,067	14,185	13,716	87	82	20 158	68,619	249,792	3,640	3,171
38	33	97 615	8 157,112	114 964,726	14,094	13,625	88	83	16 732	53,355	181,172	3,396	2,926
39	34	97 482	7 630,885	106 807,614	13,997	13,528	89	84	13 489	40,293	127,818	3,172	2,703
40	35	97 332	7 137,390	99 176,729	13,895	13,426	90	85	10 542	29,500	87,524	2,967	2,498
41	36	97 166	6 674,687	92 039,338	13,789	13,320	91	86	7 975	20,904	58,024	2,776	2,307
42	37	96 979	6 240,586	85 364,651	13,679	13,210	92	87	5 831	14,318	37,120	2,593	2,123
43	38	96 793	5 834,765	79 124,065	13,561	13,092	93	88	4 077	9,377	22,802	2,432	1,963
44	39	96 585	5 454,082	73 289,300	13,438	12,968	94	89	2 729	5,881	13,425	2,283	1,814
45	40	96 355	5 097,033	67 835,218	13,309	12,840	95	90	1 736	3,504	7,544	2,153	1,684
46	41	96 113	4 762,748	62 738,185	13,173	12,704	96	91	1 050	1,985	4,040	2,035	1,566
47	42	95 844	4 449,124	57 975,437	13,031	12,562	97	92	600	1,063	2,055	1,932	1,463
48	43	95 543	4 154,725	53 526,313	12,883	12,414	98	93	325	0,540	0,991	1,838	1,368
49	44	95 207	3 878,323	49 371,588	12,730	12,261	99	94	167	0,259	0,452	1,745	1,276
							100	95	79	0,116	0,193	1,668	1,199

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	3 622,420	45 681,667	12,611	12,142
1							51	45	94 533	3 379,264	42 059,247	12,446	11,977
2							52	46	94 094	3 150,868	38 679,983	12,276	11,807
3							53	47	93 607	2 936,357	35 529,116	12,100	11,631
4							54	48	93 063	2 734,711	32 592,759	11,918	11,449
5							55	49	92 456	2 545,093	29 858,048	11,732	11,262
6	0	99 592	67 300,212	1 042 564,675	15,491	15,022	56	50	91 776	2 366,611	27 312,955	11,541	11,072
7	1	99 295	62 856,718	975 264,463	15,516	15,047	57	51	91 026	2 198,862	24 946,344	11,345	10,876
8	2	99 263	58 863,354	912 407,745	15,500	15,031	58	52	90 195	2 041,015	22 747,482	11,145	10,676
9	3	99 243	55 129,871	853 544,390	15,482	15,013	59	53	89 301	1 893,008	20 706,466	10,938	10,469
10	4	99 225	51 634,613	798 414,520	15,463	14,994	60	54	88 306	1 753,543	18 813,458	10,729	10,260
11	5	99 208	48 361,607	746 779,906	15,442	14,972	61	55	87 221	1 622,488	17 059,915	10,515	10,046
12	6	99 195	45 297,404	698 418,299	15,419	14,949	62	56	86 029	1 499,114	15 437,427	10,298	9,829
13	7	99 179	42 426,311	653 120,895	15,394	14,925	63	57	84 730	1 383,124	13 938,313	10,077	9,608
14	8	99 165	39 738,031	610 694,584	15,368	14,899	64	58	83 318	1 274,078	12 555,189	9,854	9,385
15	9	99 145	37 218,040	570 956,553	15,341	14,872	65	59	81 798	1 171,736	11 281,111	9,628	9,159
16	10	99 125	34 857,403	533 738,513	15,312	14,843	66	60	80 169	1 075,785	10 109,375	9,397	8,928
17	11	99 096	32 644,024	498 881,110	15,282	14,813	67	61	78 418	985,752	9 033,589	9,164	8,695
18	12	99 062	30 569,377	466 237,086	15,252	14,783	68	62	76 570	901,660	8 047,837	8,926	8,456
19	13	99 018	28 623,556	435 667,709	15,221	14,751	69	63	74 607	822,990	7 146,177	8,683	8,214
20	14	98 970	26 800,697	407 044,154	15,188	14,719	70	64	72 540	749,595	6 323,188	8,435	7,966
21	15	98 920	25 093,364	380 243,457	15,153	14,684	71	65	70 382	681,304	5 573,593	8,181	7,712
22	16	98 869	23 494,437	355 150,093	15,116	14,647	72	66	68 077	617,321	4 892,289	7,925	7,456
23	17	98 815	21 996,801	331 655,656	15,077	14,608	73	67	65 707	558,156	4 274,967	7,659	7,190
24	18	98 760	20 594,573	309 658,855	15,036	14,567	74	68	63 215	503,037	3 716,811	7,389	6,920
25	19	98 699	19 280,373	289 064,282	14,993	14,524	75	69	60 619	451,876	3 213,775	7,112	6,643
26	20	98 639	18 050,295	269 783,909	14,946	14,477	76	70	57 868	404,089	2 761,899	6,835	6,366
27	21	98 580	16 898,724	251 733,614	14,897	14,427	77	71	55 002	359,789	2 357,810	6,553	6,084
28	22	98 518	15 820,380	234 834,890	14,844	14,375	78	72	52 058	319,001	1 998,021	6,263	5,794
29	23	98 456	14 810,688	219 014,510	14,788	14,318	79	73	48 986	281,199	1 679,020	5,971	5,502
30	24	98 392	13 865,068	204 203,822	14,728	14,259	80	74	45 784	246,196	1 397,821	5,678	5,209
31	25	98 324	12 979,363	190 338,754	14,665	14,196	81	75	42 443	213,801	1 151,626	5,386	4,917
32	26	98 248	12 149,316	177 359,391	14,598	14,129	82	76	39 002	184,045	937,825	5,096	4,626
33	27	98 171	11 372,113	165 210,075	14,528	14,059	83	77	35 492	156,889	753,780	4,805	4,335
34	28	98 081	10 643,331	153 837,963	14,454	13,985	84	78	31 905	132,118	596,891	4,518	4,049
35	29	97 989	9 960,956	143 194,631	14,376	13,906	85	79	28 257	109,611	464,773	4,240	3,771
36	30	97 891	9 321,760	133 233,676	14,293	13,824	86	80	24 595	89,375	355,162	3,974	3,505
37	31	97 777	8 722,149	123 911,915	14,207	13,737	87	81	21 007	71,509	265,786	3,717	3,248
38	32	97 648	8 159,853	115 189,766	14,117	13,648	88	82	17 557	55,986	194,277	3,470	3,001
39	33	97 516	7 633,559	107 029,913	14,021	13,552	89	83	14 277	42,647	138,291	3,243	2,774
40	34	97 369	7 140,116	99 396,355	13,921	13,452	90	84	11 261	31,510	95,644	3,035	2,566
41	35	97 211	6 677,805	92 256,238	13,815	13,346	91	85	8 609	22,567	64,133	2,842	2,373
42	36	97 025	6 243,563	85 578,433	13,707	13,238	92	86	6 374	15,652	41,566	2,656	2,186
43	37	96 842	5 837,713	79 334,869	13,590	13,121	93	87	4 525	10,409	25,914	2,490	2,020
44	38	96 638	5 457,106	73 497,157	13,468	12,999	94	88	3 078	6,633	15,505	2,338	1,869
45	39	96 417	5 100,352	68 040,051	13,340	12,871	95	89	1 993	4,022	8,872	2,206	1,737
46	40	96 173	4 765,765	62 939,699	13,207	12,738	96	90	1 231	2,328	4,850	2,084	1,614
47	41	95 914	4 452,387	58 173,934	13,066	12,597	97	91	720	1,275	2,522	1,979	1,510
48	42	95 621	4 158,080	53 721,547	12,920	12,451	98	92	400	0,664	1,248	1,878	1,409
49	43	95 293	3 881,800	49 563,467	12,768	12,299	99	93	211	0,327	0,583	1,781	1,312
							100	94	103	0,150	0,256	1,703	1,234

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	3 625,667	45 853,982	12,647	12,178
1							51	44	94 623	3 382,463	42 228,314	12,484	12,015
2							52	45	94 195	3 154,261	38 845,851	12,315	11,846
3							53	46	93 718	2 939,838	35 691,590	12,141	11,672
4							54	47	93 184	2 738,269	32 751,752	11,961	11,492
5							55	48	92 597	2 548,960	30 013,483	11,775	11,306
6							56	49	91 931	2 370,604	27 464,524	11,585	11,116
7	0	99 583	63 039,019	975 746,073	15,478	15,009	57	50	91 195	2 202,924	25 093,920	11,391	10,922
8	1	99 285	58 876,449	912 707,054	15,502	15,033	58	51	90 383	2 045,262	22 890,996	11,192	10,723
9	2	99 256	55 137,116	853 830,605	15,486	15,016	59	52	89 499	1 897,190	20 845,733	10,988	10,519
10	3	99 235	51 639,762	798 693,489	15,467	14,998	60	53	88 525	1 757,900	18 948,543	10,779	10,310
11	4	99 217	48 366,059	747 053,727	15,446	14,977	61	54	87 462	1 626,969	17 190,643	10,566	10,097
12	5	99 201	45 300,482	698 687,668	15,423	14,954	62	55	86 297	1 503,795	15 563,674	10,350	9,880
13	6	99 186	42 429,409	653 387,186	15,399	14,930	63	56	85 018	1 387,817	14 059,879	10,131	9,662
14	7	99 169	39 739,924	610 957,777	15,374	14,905	64	57	83 632	1 278,882	12 672,062	9,909	9,440
15	8	99 152	37 220,723	571 217,853	15,347	14,878	65	58	82 141	1 176,647	11 393,181	9,683	9,214
16	9	99 130	34 859,256	533 997,130	15,319	14,850	66	59	80 542	1 080,794	10 216,533	9,453	8,984
17	10	99 102	32 645,838	499 137,874	15,289	14,820	67	60	78 822	990,832	9 135,739	9,220	8,751
18	11	99 070	30 571,728	466 492,036	15,259	14,790	68	61	77 000	906,725	8 144,907	8,983	8,514
19	12	99 024	28 625,365	435 920,308	15,228	14,759	69	62	75 066	828,059	7 238,182	8,741	8,272
20	13	98 978	26 802,815	407 294,943	15,196	14,727	70	63	73 034	754,697	6 410,123	8,494	8,025
21	14	98 929	25 095,679	380 492,128	15,162	14,693	71	64	70 907	686,389	5 655,426	8,239	7,770
22	15	98 880	23 497,157	355 396,449	15,125	14,656	72	65	68 627	622,308	4 969,037	7,985	7,516
23	16	98 827	21 999,613	331 899,292	15,087	14,617	73	66	66 287	563,087	4 346,729	7,719	7,250
24	17	98 773	20 597,244	309 899,678	15,046	14,577	74	67	63 813	507,789	3 783,641	7,451	6,982
25	18	98 715	19 283,503	289 302,435	15,003	14,533	75	68	61 244	456,534	3 275,853	7,175	6,706
26	19	98 655	18 053,262	270 018,931	14,957	14,488	76	69	58 544	408,809	2 819,319	6,896	6,427
27	20	98 596	16 901,490	251 965,669	14,908	14,439	77	70	55 701	364,363	2 410,509	6,616	6,147
28	21	98 535	15 823,067	235 064,179	14,856	14,387	78	71	52 787	323,469	2 046,147	6,326	5,857
29	22	98 473	14 813,173	219 241,112	14,800	14,331	79	72	49 730	285,466	1 722,677	6,035	5,565
30	23	98 408	13 867,336	204 427,939	14,742	14,273	80	73	46 563	250,386	1 437,211	5,740	5,271
31	24	98 340	12 981,495	190 560,603	14,679	14,210	81	74	43 230	217,762	1 186,825	5,450	4,981
32	25	98 267	12 151,679	177 579,108	14,614	14,144	82	75	39 803	187,824	969,063	5,159	4,690
33	26	98 188	11 374,140	165 427,429	14,544	14,075	83	76	36 296	160,442	781,239	4,869	4,400
34	27	98 102	10 645,564	154 053,289	14,471	14,002	84	77	32 688	135,358	620,796	4,586	4,117
35	28	98 012	9 963,327	143 407,725	14,394	13,924	85	78	29 047	112,677	485,438	4,308	3,839
36	29	97 915	9 324,061	133 444,398	14,312	13,843	86	79	25 377	92,216	372,761	4,042	3,573
37	30	97 804	8 724,617	124 120,337	14,226	13,757	87	80	21 775	74,123	280,545	3,785	3,316
38	31	97 679	8 162,481	115 395,720	14,137	13,668	88	81	18 297	58,344	206,422	3,538	3,069
39	32	97 548	7 636,124	107 233,239	14,043	13,574	89	82	14 981	44,751	148,078	3,309	2,840
40	33	97 403	7 142,618	99 597,115	13,944	13,475	90	83	11 918	33,351	103,327	3,098	2,629
41	34	97 248	6 680,356	92 454,497	13,840	13,371	91	84	9 196	24,105	69,976	2,903	2,434
42	35	97 070	6 246,480	85 774,141	13,732	13,262	92	85	6 881	16,898	45,871	2,715	2,246
43	36	96 888	5 840,498	79 527,661	13,617	13,147	93	86	4 947	11,379	28,974	2,546	2,077
44	37	96 687	5 459,863	73 687,164	13,496	13,027	94	87	3 417	7,362	17,594	2,390	1,921
45	38	96 471	5 103,179	68 227,301	13,370	12,900	95	88	2 247	4,536	10,232	2,256	1,786
46	39	96 236	4 768,868	63 124,122	13,237	12,768	96	89	1 413	2,672	5,696	2,132	1,663
47	40	95 975	4 455,208	58 355,254	13,098	12,629	97	90	844	1,495	3,024	2,023	1,554
48	41	95 691	4 161,130	53 900,046	12,953	12,484	98	91	480	0,797	1,529	1,920	1,451
49	42	95 370	3 884,934	49 738,916	12,803	12,334	99	92	259	0,403	0,733	1,817	1,348
							100	93	130	0,190	0,330	1,735	1,266

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	3 628,595	46 011,472	12,680	12,211
1							51	43	94 707	3 385,496	42 382,877	12,519	12,050
2							52	44	94 284	3 157,247	38 997,382	12,352	11,883
3							53	45	93 819	2 943,004	35 840,135	12,178	11,709
4							54	46	93 295	2 741,515	32 897,131	12,000	11,530
5							55	47	92 717	2 552,276	30 155,616	11,815	11,346
6							56	48	92 070	2 374,206	27 603,340	11,626	11,157
7							57	49	91 348	2 206,640	25 229,134	11,433	10,964
8	0	99 573	59 047,206	913 151,252	15,465	14,996	58	50	90 550	2 049,040	23 022,493	11,236	10,767
9	1	99 278	55 149,382	854 104,046	15,487	15,018	59	51	89 685	1 901,138	20 973,453	11,032	10,563
10	2	99 248	51 646,548	798 954,664	15,470	15,001	60	52	88 721	1 761,784	19 072,315	10,826	10,356
11	3	99 227	48 370,882	747 308,116	15,450	14,980	61	53	87 679	1 631,011	17 310,531	10,613	10,144
12	4	99 210	45 304,652	698 937,234	15,427	14,958	62	54	86 536	1 507,948	15 679,520	10,398	9,929
13	5	99 193	42 432,292	653 632,581	15,404	14,935	63	55	85 283	1 392,150	14 171,572	10,180	9,711
14	6	99 177	39 742,825	611 200,289	15,379	14,910	64	56	83 916	1 283,221	12 779,422	9,959	9,490
15	7	99 157	37 222,496	571 457,464	15,352	14,883	65	57	82 450	1 181,084	11 496,201	9,734	9,264
16	8	99 137	34 861,769	534 234,968	15,324	14,855	66	58	80 880	1 085,324	10 315,117	9,504	9,035
17	9	99 107	32 647,574	499 373,200	15,296	14,827	67	59	79 189	995,445	9 229,793	9,272	8,803
18	10	99 075	30 573,427	466 725,626	15,266	14,797	68	60	77 397	911,398	8 234,348	9,035	8,566
19	11	99 032	28 627,566	436 152,199	15,235	14,766	69	61	75 488	832,711	7 322,950	8,794	8,325
20	12	98 984	26 804,509	407 524,633	15,204	14,734	70	62	73 484	759,345	6 490,239	8,547	8,078
21	13	98 937	25 097,663	380 720,123	15,170	14,700	71	63	71 390	691,061	5 730,894	8,293	7,824
22	14	98 889	23 499,325	355 622,460	15,133	14,664	72	64	69 139	626,953	5 039,833	8,039	7,569
23	15	98 839	22 002,161	332 123,135	15,095	14,626	73	65	66 823	567,636	4 412,880	7,774	7,305
24	16	98 786	20 599,877	310 120,975	15,055	14,585	74	66	64 376	512,275	3 845,243	7,506	7,037
25	17	98 728	19 286,004	289 521,097	15,012	14,543	75	67	61 823	460,847	3 332,968	7,232	6,763
26	18	98 671	18 056,193	270 235,094	14,966	14,497	76	68	59 147	413,024	2 872,122	6,954	6,485
27	19	98 612	16 904,269	252 178,901	14,918	14,449	77	69	56 351	368,619	2 459,098	6,671	6,202
28	20	98 551	15 825,657	235 274,632	14,867	14,398	78	70	53 458	327,581	2 090,479	6,382	5,912
29	21	98 490	14 815,689	219 448,975	14,812	14,343	79	71	50 426	289,465	1 762,898	6,090	5,621
30	22	98 424	13 869,663	204 633,286	14,754	14,285	80	72	47 270	254,186	1 473,433	5,797	5,328
31	23	98 356	12 983,619	190 763,623	14,693	14,224	81	73	43 965	221,469	1 219,248	5,505	5,036
32	24	98 283	12 153,675	177 780,004	14,628	14,159	82	74	40 541	191,304	997,779	5,216	4,747
33	25	98 207	11 376,352	165 626,329	14,559	14,090	83	75	37 041	163,737	806,474	4,925	4,456
34	26	98 119	10 647,462	154 249,977	14,487	14,018	84	76	33 428	138,424	642,738	4,643	4,174
35	27	98 033	9 965,417	143 602,515	14,410	13,941	85	77	29 760	115,441	504,314	4,369	3,899
36	28	97 938	9 326,281	133 637,098	14,329	13,860	86	78	26 087	94,795	388,873	4,102	3,633
37	29	97 828	8 726,770	124 310,817	14,245	13,776	87	79	22 467	76,479	294,078	3,845	3,376
38	30	97 707	8 164,790	115 584,047	14,156	13,687	88	80	18 965	60,477	217,598	3,598	3,129
39	31	97 580	7 638,583	107 419,257	14,063	13,594	89	81	15 612	46,635	157,122	3,369	2,900
40	32	97 436	7 145,018	99 780,674	13,965	13,496	90	82	12 506	34,996	110,486	3,157	2,688
41	33	97 283	6 682,696	92 635,656	13,862	13,393	91	83	9 733	25,513	75,490	2,959	2,490
42	34	97 107	6 248,866	85 952,960	13,755	13,286	92	84	7 350	18,049	49,977	2,769	2,300
43	35	96 933	5 843,226	79 704,094	13,640	13,171	93	85	5 340	12,284	31,928	2,599	2,130
44	36	96 733	5 462,467	73 860,867	13,522	13,052	94	86	3 735	8,049	19,644	2,441	1,972
45	37	96 519	5 105,757	68 398,400	13,396	12,927	95	87	2 494	5,035	11,595	2,303	1,834
46	38	96 289	4 771,512	63 292,643	13,265	12,796	96	88	1 593	3,013	6,560	2,177	1,708
47	39	96 038	4 458,109	58 521,131	13,127	12,658	97	89	968	1,716	3,547	2,067	1,598
48	40	95 751	4 163,766	54 063,022	12,984	12,515	98	90	563	0,934	1,831	1,961	1,492
49	41	95 440	3 887,784	49 899,256	12,835	12,366	99	91	311	0,484	0,897	1,856	1,387
							100	92	161	0,234	0,414	1,769	1,300

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	3 631,257	46 155,348	12,711	12,241
1							51	42	94 784	3 388,230	42 524,091	12,551	12,081
2							52	43	94 369	3 160,077	39 135,862	12,384	11,915
3							53	44	93 907	2 945,790	35 975,784	12,213	11,743
4							54	45	93 395	2 744,468	33 029,995	12,035	11,566
5							55	46	92 827	2 555,302	30 285,527	11,852	11,383
6							56	47	92 190	2 377,295	27 730,225	11,665	11,195
7							57	48	91 487	2 209,993	25 352,930	11,472	11,003
8							58	49	90 703	2 052,497	23 142,937	11,276	10,806
9	0	99 566	55 309,329	854 513,747	15,450	14,981	59	50	89 850	1 904,650	21 090,440	11,073	10,604
10	1	99 270	51 658,038	799 204,417	15,471	15,002	60	51	88 905	1 765,450	19 185,790	10,867	10,398
11	2	99 240	48 377,239	747 546,380	15,452	14,983	61	52	87 873	1 634,615	17 420,340	10,657	10,188
12	3	99 220	45 309,170	699 169,141	15,431	14,962	62	53	86 751	1 511,695	15 785,725	10,442	9,973
13	4	99 202	42 436,198	653 859,971	15,408	14,939	63	54	85 519	1 395,995	14 274,031	10,225	9,756
14	5	99 183	39 745,526	611 423,773	15,383	14,914	64	55	84 178	1 287,227	12 878,036	10,004	9,535
15	6	99 164	37 225,214	571 678,247	15,357	14,888	65	56	82 730	1 185,091	11 590,808	9,781	9,311
16	7	99 142	34 863,429	534 453,033	15,330	14,861	66	57	81 185	1 089,416	10 405,717	9,552	9,083
17	8	99 114	32 649,927	499 589,604	15,301	14,832	67	58	79 521	999,617	9 316,301	9,320	8,851
18	9	99 081	30 575,053	466 939,677	15,272	14,803	68	59	77 757	915,641	8 316,684	9,083	8,614
19	10	99 037	28 629,158	436 364,625	15,242	14,773	69	60	75 877	837,002	7 401,042	8,842	8,373
20	11	98 992	26 806,571	407 735,467	15,210	14,741	70	61	73 897	763,611	6 564,041	8,596	8,127
21	12	98 943	25 099,249	380 928,896	15,177	14,708	71	62	71 830	695,318	5 800,429	8,342	7,873
22	13	98 897	23 501,182	355 829,647	15,141	14,672	72	63	69 610	631,220	5 105,112	8,088	7,619
23	14	98 848	22 004,190	332 328,465	15,103	14,634	73	64	67 322	571,873	4 473,891	7,823	7,354
24	15	98 797	20 602,263	310 324,274	15,063	14,594	74	65	64 896	516,413	3 902,018	7,556	7,087
25	16	98 740	19 288,470	289 722,012	15,020	14,551	75	66	62 369	464,918	3 385,605	7,282	6,813
26	17	98 684	18 058,534	270 433,542	14,975	14,506	76	67	59 706	416,925	2 920,687	7,005	6,536
27	18	98 628	16 907,013	252 375,008	14,927	14,458	77	68	56 932	372,419	2 503,761	6,723	6,254
28	19	98 568	15 828,239	235 467,995	14,876	14,407	78	69	54 083	331,407	2 131,342	6,431	5,962
29	20	98 506	14 818,114	219 639,736	14,822	14,353	79	70	51 067	293,144	1 799,935	6,140	5,671
30	21	98 441	13 872,019	204 821,621	14,765	14,296	80	71	47 932	257,746	1 506,790	5,846	5,377
31	22	98 372	12 985,797	190 949,603	14,704	14,235	81	72	44 633	224,830	1 249,044	5,556	5,086
32	23	98 299	12 155,663	177 963,805	14,640	14,171	82	73	41 231	194,561	1 024,215	5,264	4,795
33	24	98 223	11 378,221	165 808,142	14,572	14,103	83	74	37 727	166,771	829,654	4,975	4,506
34	25	98 138	10 649,532	154 429,921	14,501	14,032	84	75	34 115	141,266	662,883	4,692	4,223
35	26	98 050	9 967,194	143 780,389	14,425	13,956	85	76	30 434	118,055	521,617	4,418	3,949
36	27	97 959	9 328,237	133 813,195	14,345	13,876	86	77	26 727	97,120	403,562	4,155	3,686
37	28	97 852	8 728,847	124 484,958	14,261	13,792	87	78	23 096	78,618	306,441	3,898	3,429
38	29	97 731	8 166,805	115 756,111	14,174	13,705	88	79	19 568	62,399	227,823	3,651	3,182
39	30	97 607	7 640,744	107 589,305	14,081	13,612	89	80	16 183	48,340	165,424	3,422	2,953
40	31	97 467	7 147,319	99 948,561	13,984	13,515	90	81	13 033	36,470	117,084	3,210	2,741
41	32	97 315	6 684,942	92 801,242	13,882	13,413	91	82	10 213	26,771	80,614	3,011	2,542
42	33	97 141	6 251,055	86 116,300	13,776	13,307	92	83	7 780	19,103	53,843	2,818	2,349
43	34	96 970	5 845,458	79 865,245	13,663	13,194	93	84	5 704	13,121	34,739	2,648	2,178
44	35	96 778	5 465,019	74 019,787	13,544	13,075	94	85	4 032	8,689	21,618	2,488	2,019
45	36	96 566	5 108,193	68 554,768	13,421	12,951	95	86	2 727	5,505	12,929	2,349	1,880
46	37	96 338	4 773,922	63 446,574	13,290	12,821	96	87	1 769	3,345	7,424	2,220	1,751
47	38	96 091	4 460,580	58 672,652	13,154	12,684	97	88	1 092	1,935	4,080	2,109	1,640
48	39	95 814	4 166,477	54 212,072	13,011	12,542	98	89	646	1,072	2,145	2,001	1,532
49	40	95 500	3 890,247	50 045,595	12,864	12,395	99	90	365	0,567	1,073	1,893	1,424
							100	91	193	0,280	0,506	1,804	1,335

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	40	95 220	3 633,557	46 286,613	12,739	12,270
1							51	41	94 853	3 390,715	42 653,056	12,579	12,110
2							52	42	94 445	3 162,629	39 262,342	12,414	11,945
3							53	43	93 992	2 948,431	36 099,712	12,244	11,775
4							54	44	93 483	2 747,066	33 151,282	12,068	11,599
5							55	45	92 927	2 558,054	30 404,216	11,886	11,417
6							56	46	92 299	2 380,113	27 846,162	11,700	11,230
7							57	47	91 606	2 212,869	25 466,049	11,508	11,039
8							58	48	90 840	2 055,616	23 253,180	11,312	10,843
9							59	49	90 002	1 907,863	21 197,565	11,111	10,642
10	0	99 558	51 807,859	799 582,313	15,434	14,964	60	50	89 070	1 768,711	19 289,702	10,906	10,437
11	1	99 262	48 388,001	747 774,454	15,454	14,985	61	51	88 056	1 638,016	17 520,991	10,696	10,227
12	2	99 233	45 315,124	699 386,453	15,434	14,965	62	52	86 942	1 515,035	15 882,974	10,484	10,014
13	3	99 212	42 440,430	654 071,329	15,412	14,942	63	53	85 731	1 399,464	14 367,940	10,267	9,798
14	4	99 192	39 749,185	611 630,899	15,387	14,918	64	54	84 411	1 290,783	12 968,476	10,047	9,578
15	5	99 171	37 227,743	571 881,714	15,362	14,893	65	55	82 989	1 188,791	11 677,694	9,823	9,354
16	6	99 149	34 865,975	534 653,971	15,335	14,865	66	56	81 460	1 093,113	10 488,902	9,595	9,126
17	7	99 119	32 651,482	499 787,997	15,307	14,838	67	57	79 821	1 003,386	9 395,790	9,364	8,895
18	8	99 088	30 577,256	467 136,515	15,277	14,808	68	58	78 083	919,479	8 392,404	9,127	8,658
19	9	99 042	28 630,679	436 559,259	15,248	14,779	69	59	76 230	840,899	7 472,925	8,887	8,418
20	10	98 997	26 808,061	407 928,579	15,217	14,748	70	60	74 277	767,546	6 632,026	8,641	8,171
21	11	98 951	25 101,180	381 120,518	15,183	14,714	71	61	72 233	699,224	5 864,480	8,387	7,918
22	12	98 903	23 502,668	356 019,338	15,148	14,679	72	62	70 038	635,108	5 165,256	8,133	7,664
23	13	98 856	22 005,930	332 516,671	15,110	14,641	73	63	67 780	575,765	4 530,148	7,868	7,399
24	14	98 806	20 604,163	310 510,741	15,070	14,601	74	64	65 381	520,268	3 954,382	7,601	7,132
25	15	98 752	19 290,703	289 906,578	15,028	14,559	75	65	62 873	468,674	3 434,114	7,327	6,858
26	16	98 697	18 060,843	270 615,875	14,984	14,514	76	66	60 233	420,609	2 965,440	7,050	6,581
27	17	98 641	16 909,205	252 555,031	14,936	14,467	77	67	57 470	375,937	2 544,831	6,769	6,300
28	18	98 584	15 830,828	235 645,826	14,885	14,416	78	68	54 640	334,824	2 168,894	6,478	6,009
29	19	98 522	14 820,551	219 814,998	14,832	14,363	79	69	51 664	296,568	1 834,070	6,184	5,715
30	20	98 457	13 874,290	204 994,447	14,775	14,306	80	70	48 541	261,022	1 537,502	5,890	5,421
31	21	98 389	12 988,003	191 120,157	14,715	14,246	81	71	45 258	227,979	1 276,479	5,599	5,130
32	22	98 316	12 157,703	178 132,155	14,652	14,183	82	72	41 856	197,513	1 048,500	5,309	4,839
33	23	98 239	11 380,082	165 974,452	14,585	14,116	83	73	38 369	169,609	850,987	5,017	4,548
34	24	98 154	10 651,282	154 594,370	14,514	14,045	84	74	34 747	143,884	681,378	4,736	4,266
35	25	98 069	9 969,132	143 943,088	14,439	13,970	85	75	31 059	120,479	537,494	4,461	3,992
36	26	97 976	9 329,900	133 973,956	14,360	13,891	86	76	27 332	99,320	417,015	4,199	3,730
37	27	97 872	8 730,679	124 644,055	14,277	13,807	87	77	23 662	80,547	317,695	3,944	3,475
38	28	97 754	8 168,749	115 913,377	14,190	13,721	88	78	20 116	64,144	237,148	3,697	3,228
39	29	97 632	7 642,630	107 744,627	14,098	13,629	89	79	16 697	49,877	173,004	3,469	3,000
40	30	97 495	7 149,341	100 101,998	14,002	13,532	90	80	13 509	37,803	123,127	3,257	2,788
41	31	97 347	6 687,095	92 952,656	13,900	13,431	91	81	10 643	27,899	85,324	3,058	2,589
42	32	97 174	6 253,156	86 265,561	13,796	13,326	92	82	8 163	20,046	57,425	2,865	2,396
43	33	97 004	5 847,506	80 012,405	13,683	13,214	93	83	6 037	13,888	37,380	2,692	2,222
44	34	96 815	5 467,107	74 164,900	13,566	13,097	94	84	4 307	9,281	23,492	2,531	2,062
45	35	96 611	5 110,580	68 697,793	13,442	12,973	95	85	2 944	5,943	14,211	2,391	1,922
46	36	96 384	4 776,200	63 587,213	13,313	12,844	96	86	1 934	3,656	8,268	2,261	1,792
47	37	96 139	4 462,834	58 811,014	13,178	12,709	97	87	1 212	2,148	4,612	2,147	1,678
48	38	95 867	4 168,787	54 348,180	13,037	12,568	98	88	729	1,209	2,464	2,038	1,569
49	39	95 562	3 892,780	50 179,393	12,890	12,421	99	89	419	0,651	1,255	1,929	1,460
							100	90	226		0,329	1,838	1,369

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	39	95 282	3 635,923	46 406,603	12,763	12,294
							51	40	94 914	3 392,863	42 770,680	12,606	12,137
							52	41	94 514	3 164,949	39 377,817	12,442	11,973
							53	42	94 067	2 950,812	36 212,868	12,272	11,803
							54	43	93 567	2 749,529	33 262,057	12,097	11,628
							55	44	93 015	2 560,475	30 512,528	11,917	11,448
							56	45	92 399	2 382,676	27 952,052	11,731	11,262
							57	46	91 715	2 215,492	25 569,376	11,541	11,072
							58	47	90 959	2 058,290	23 353,884	11,346	10,877
							59	48	90 139	1 910,762	21 295,594	11,145	10,676
							60	49	89 220	1 771,695	19 384,833	10,941	10,472
11	0	99 550	48 528,338	748 123,035	15,416	14,947	61	50	88 219	1 641,042	17 613,138	10,733	10,264
12	1	99 255	45 325,205	699 594,697	15,435	14,966	62	51	87 123	1 518,187	15 972,096	10,521	10,051
13	2	99 225	42 446,007	654 269,492	15,414	14,945	63	52	85 920	1 402,556	14 453,908	10,305	9,836
14	3	99 202	39 753,148	611 823,485	15,391	14,921	64	53	84 620	1 293,990	13 051,353	10,086	9,617
15	4	99 180	37 231,170	572 070,336	15,365	14,896	65	54	83 218	1 192,075	11 757,363	9,863	9,394
16	5	99 156	34 868,344	534 839,166	15,339	14,870	66	55	81 714	1 096,525	10 565,288	9,635	9,166
17	6	99 126	32 653,866	499 970,822	15,311	14,842	67	56	80 092	1 006,791	9 468,763	9,405	8,936
18	7	99 093	30 578,713	467 316,956	15,282	14,813	68	57	78 378	922,946	8 461,972	9,168	8,699
19	8	99 050	28 632,743	436 738,243	15,253	14,784	69	58	76 550	844,423	7 539,027	8,928	8,459
20	9	99 003	26 809,486	408 105,500	15,222	14,753	70	59	74 623	771,120	6 694,604	8,682	8,213
21	10	98 956	25 102,575	381 296,014	15,190	14,720	71	60	72 605	702,827	5 923,484	8,428	7,959
22	11	98 911	23 504,475	356 193,439	15,154	14,685	72	61	70 432	638,676	5 220,657	8,174	7,705
23	12	98 862	22 007,321	332 688,964	15,117	14,648	73	62	68 197	579,312	4 581,981	7,909	7,440
24	13	98 814	20 605,792	310 681,643	15,077	14,608	74	63	65 826	523,809	4 002,669	7,641	7,172
25	14	98 761	19 292,483	290 075,851	15,036	14,567	75	64	63 342	472,172	3 478,860	7,368	6,899
26	15	98 708	18 062,935	270 783,369	14,991	14,522	76	65	60 720	424,007	3 006,687	7,091	6,622
27	16	98 653	16 911,367	252 720,434	14,944	14,475	77	66	57 978	379,258	2 582,680	6,810	6,341
28	17	98 596	15 832,881	235 809,067	14,894	14,425	78	67	55 156	337,987	2 203,422	6,519	6,050
29	18	98 538	14 822,957	219 976,186	14,840	14,371	79	68	52 197	299,626	1 865,435	6,226	5,757
30	19	98 473	13 876,571	205 153,229	14,784	14,315	80	69	49 108	264,072	1 565,809	5,929	5,460
31	20	98 405	12 990,129	191 276,659	14,725	14,256	81	70	45 833	230,877	1 301,738	5,638	5,169
32	21	98 333	12 159,768	178 286,530	14,662	14,193	82	71	42 443	200,280	1 070,861	5,347	4,878
33	22	98 256	11 381,992	166 126,762	14,596	14,126	83	72	38 952	172,183	870,581	5,056	4,587
34	23	98 170	10 653,024	154 744,770	14,526	14,057	84	73	35 338	146,333	698,398	4,773	4,304
35	24	98 085	9 970,770	144 091,746	14,451	13,982	85	74	31 634	122,712	552,065	4,499	4,030
36	25	97 995	9 331,715	134 120,976	14,373	13,903	86	75	27 893	101,360	429,353	4,236	3,767
37	26	97 890	8 732,235	124 789,262	14,291	13,822	87	76	24 198	82,371	327,994	3,982	3,513
38	27	97 775	8 170,463	116 057,027	14,204	13,735	88	77	20 609	65,717	245,623	3,738	3,268
39	28	97 655	7 644,449	107 886,563	14,113	13,644	89	78	17 164	51,271	179,905	3,509	3,040
40	29	97 519	7 151,106	100 242,114	14,018	13,549	90	79	13 939	39,005	128,634	3,298	2,829
41	30	97 374	6 688,987	93 091,008	13,917	13,448	91	80	11 032	28,918	89,629	3,099	2,630
42	31	97 205	6 255,170	86 402,022	13,813	13,344	92	81	8 507	20,890	60,711	2,906	2,437
43	32	97 037	5 849,471	80 146,852	13,702	13,232	93	82	6 335	14,573	39,821	2,733	2,263
44	33	96 849	5 469,022	74 297,381	13,585	13,116	94	83	4 559	9,823	25,248	2,570	2,101
45	34	96 648	5 112,532	68 828,359	13,463	12,994	95	84	3 145	6,348	15,425	2,430	1,961
46	35	96 429	4 778,431	63 715,827	13,334	12,865	96	85	2 087	3,947	9,077	2,300	1,830
47	36	96 185	4 464,963	58 937,396	13,200	12,731	97	86	1 325	2,348	5,130	2,185	1,716
48	37	95 915	4 170,893	54 472,434	13,060	12,591	98	87	809	1,342	2,782	2,073	1,604
49	38	95 615	3 894,938	50 301,541	12,915	12,445	99	88	472	0,734	1,440	1,962	1,493
							100	89	259	0,378	0,706	1,871	1,402

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	3 637,939	46 516,116	12,786	12,317
1							51	39	94 975	3 395,072	42 878,178	12,630	12,160
2							52	40	94 574	3 166,954	39 483,106	12,467	11,998
3							53	41	94 136	2 952,976	36 316,152	12,298	11,829
4							54	42	93 643	2 751,749	33 363,176	12,124	11,655
5							55	43	93 099	2 562,771	30 611,427	11,945	11,476
6							56	44	92 486	2 384,932	28 048,656	11,761	11,292
7							57	45	91 814	2 217,878	25 663,724	11,571	11,102
8							58	46	91 066	2 060,730	23 445,846	11,377	10,908
9							59	47	90 256	1 913,248	21 385,116	11,177	10,708
10							60	48	89 356	1 774,387	19 471,868	10,974	10,505
11							61	49	88 368	1 643,810	17 697,481	10,766	10,297
12	0	99 543	45 456,660	699 916,260	15,397	14,928	62	50	87 284	1 520,992	16 053,671	10,555	10,086
13	1	99 247	42 455,450	654 459,600	15,415	14,946	63	51	86 099	1 405,474	14 532,679	10,340	9,871
14	2	99 215	39 758,373	612 004,151	15,393	14,924	64	52	84 807	1 296,849	13 127,205	10,122	9,653
15	3	99 190	37 234,883	572 245,778	15,369	14,899	65	53	83 425	1 195,037	11 830,357	9,900	9,430
16	4	99 165	34 871,554	535 010,895	15,342	14,873	66	54	81 940	1 099,554	10 635,320	9,672	9,203
17	5	99 133	32 656,085	500 139,341	15,315	14,846	67	55	80 342	1 009,934	9 535,766	9,442	8,973
18	6	99 100	30 580,945	467 483,257	15,287	14,818	68	56	78 644	926,077	8 525,832	9,206	8,737
19	7	99 054	28 634,107	436 902,311	15,258	14,789	69	57	76 838	847,607	7 599,755	8,966	8,497
20	8	99 010	26 811,418	408 268,204	15,227	14,758	70	58	74 936	774,352	6 752,148	8,720	8,251
21	9	98 962	25 103,910	381 456,786	15,195	14,726	71	59	72 943	706,099	5 977,796	8,466	7,997
22	10	98 916	23 505,782	356 352,876	15,160	14,691	72	60	70 795	641,967	5 271,697	8,212	7,743
23	11	98 869	22 009,013	332 847,094	15,123	14,654	73	61	68 581	582,566	4 629,729	7,947	7,478
24	12	98 820	20 607,094	310 838,081	15,084	14,615	74	62	66 231	527,035	4 047,163	7,679	7,210
25	13	98 769	19 294,008	290 230,987	15,043	14,573	75	63	63 773	475,386	3 520,128	7,405	6,936
26	14	98 717	18 064,601	270 936,979	14,998	14,529	76	64	61 173	427,172	3 044,742	7,128	6,659
27	15	98 665	16 913,325	252 872,378	14,951	14,482	77	65	58 446	382,322	2 617,570	6,847	6,377
28	16	98 609	15 834,905	235 959,053	14,901	14,432	78	66	55 644	340,973	2 235,248	6,555	6,086
29	17	98 551	14 824,879	220 124,148	14,848	14,379	79	67	52 690	302,456	1 894,275	6,263	5,794
30	18	98 489	13 878,823	205 299,269	14,792	14,323	80	68	49 614	266,794	1 591,818	5,966	5,497
31	19	98 421	12 992,264	191 420,446	14,733	14,264	81	69	46 368	233,574	1 325,025	5,673	5,204
32	20	98 349	12 161,759	178 428,181	14,671	14,202	82	70	42 982	202,826	1 091,451	5,381	4,912
33	21	98 273	11 383,925	166 266,423	14,605	14,136	83	71	39 497	174,595	888,625	5,090	4,621
34	22	98 187	10 654,812	154 882,498	14,536	14,067	84	72	35 874	148,553	714,030	4,807	4,337
35	23	98 102	9 972,401	144 227,686	14,463	13,994	85	73	32 173	124,800	565,477	4,531	4,062
36	24	98 011	9 333,248	134 255,285	14,385	13,915	86	74	28 410	103,238	440,676	4,269	3,799
37	25	97 909	8 733,933	124 922,037	14,303	13,834	87	75	24 695	84,062	337,439	4,014	3,545
38	26	97 792	8 171,920	116 188,104	14,218	13,749	88	76	21 076	67,206	253,377	3,770	3,301
39	27	97 675	7 646,053	108 016,185	14,127	13,658	89	77	17 585	52,529	186,171	3,544	3,075
40	28	97 542	7 152,808	100 370,132	14,032	13,563	90	78	14 329	40,096	133,642	3,333	2,864
41	29	97 398	6 690,638	93 217,324	13,933	13,463	91	79	11 383	29,838	93,546	3,135	2,666
42	30	97 233	6 256,939	86 526,686	13,829	13,360	92	80	8 818	21,653	63,708	2,942	2,473
43	31	97 068	5 851,355	80 269,747	13,718	13,249	93	81	6 602	15,187	42,055	2,769	2,300
44	32	96 882	5 470,860	74 418,392	13,603	13,134	94	82	4 783	10,308	26,868	2,607	2,138
45	33	96 681	5 114,323	68 947,532	13,481	13,012	95	83	3 328	6,718	16,561	2,465	1,996
46	34	96 466	4 780,256	63 833,209	13,354	12,884	96	84	2 230	4,216	9,842	2,334	1,865
47	35	96 230	4 467,049	59 052,953	13,220	12,751	97	85	1 431	2,535	5,626	2,220	1,750
48	36	95 961	4 172,883	54 585,905	13,081	12,612	98	86	884	1,467	3,091	2,107	1,638
49	37	95 663	3 896,906	50 413,022	12,937	12,468	99	87	524	0,815	1,624	1,994	1,525
							100	88	292	0,426	0,810	1,902	1,432

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	37	95 383	3 639,776	46 616,042	12,807	12,338
1							51	38	95 028	3 396,954	42 976,265	12,651	12,182
2							52	39	94 636	3 169,016	39 579,311	12,489	12,020
3							53	40	94 196	2 954,847	36 410,295	12,322	11,853
4							54	41	93 712	2 753,767	33 455,448	12,149	11,680
5							55	42	93 174	2 564,840	30 701,681	11,970	11,501
6							56	43	92 569	2 387,070	28 136,841	11,787	11,318
7							57	44	91 901	2 219,978	25 749,771	11,599	11,130
8							58	45	91 165	2 062,949	23 529,793	11,406	10,937
9							59	46	90 363	1 915,516	21 466,844	11,207	10,738
10							60	47	89 472	1 776,695	19 551,328	11,004	10,535
11							61	48	88 502	1 646,308	17 774,632	10,797	10,328
12							62	49	87 431	1 523,558	16 128,324	10,586	10,117
13	0	99 535	42 578,582	654 756,261	15,378	14,908	63	50	86 258	1 408,070	14 604,767	10,372	9,903
14	1	99 237	39 767,217	612 177,679	15,394	14,925	64	51	84 984	1 299,547	13 196,696	10,155	9,686
15	2	99 203	37 239,776	572 410,461	15,371	14,902	65	52	83 609	1 197,677	11 897,149	9,934	9,464
16	3	99 175	34 875,031	535 170,685	15,345	14,876	66	53	82 144	1 102,286	10 699,473	9,707	9,237
17	4	99 142	32 659,091	500 295,654	15,319	14,850	67	54	80 564	1 012,723	9 597,187	9,477	9,007
18	5	99 107	30 583,023	467 636,563	15,291	14,822	68	55	78 889	928,969	8 584,463	9,241	8,772
19	6	99 062	28 636,198	437 053,540	15,262	14,793	69	56	77 099	850,483	7 655,495	9,001	8,532
20	7	99 014	26 812,695	408 417,342	15,232	14,763	70	57	75 218	777,271	6 805,012	8,755	8,286
21	8	98 969	25 105,719	381 604,647	15,200	14,731	71	58	73 249	709,059	6 027,740	8,501	8,032
22	9	98 922	23 507,031	356 498,928	15,166	14,697	72	59	71 124	644,956	5 318,682	8,247	7,777
23	10	98 875	22 010,237	332 991,897	15,129	14,660	73	60	68 934	585,568	4 673,725	7,982	7,512
24	11	98 828	20 608,679	310 981,660	15,090	14,621	74	61	66 603	529,996	4 088,157	7,714	7,244
25	12	98 775	19 295,227	290 372,981	15,049	14,580	75	62	64 166	478,314	3 558,161	7,439	6,970
26	13	98 725	18 066,029	271 077,754	15,005	14,536	76	63	61 590	430,079	3 079,847	7,161	6,692
27	14	98 674	16 914,886	253 011,725	14,958	14,489	77	64	58 882	385,176	2 649,767	6,879	6,410
28	15	98 620	15 836,739	236 096,839	14,908	14,439	78	65	56 093	343,728	2 264,592	6,588	6,119
29	16	98 563	14 826,774	220 260,100	14,856	14,386	79	66	53 155	305,128	1 920,864	6,295	5,826
30	17	98 502	13 880,623	205 433,326	14,800	14,331	80	67	50 083	269,314	1 615,735	5,999	5,530
31	18	98 437	12 994,374	191 552,703	14,741	14,272	81	68	46 847	235,982	1 346,421	5,706	5,236
32	19	98 365	12 163,758	178 558,329	14,680	14,210	82	69	43 484	205,195	1 110,440	5,412	4,943
33	20	98 289	11 385,788	166 394,571	14,614	14,145	83	70	39 999	176,814	905,245	5,120	4,651
34	21	98 204	10 656,621	155 008,783	14,546	14,077	84	71	36 377	150,634	728,430	4,836	4,367
35	22	98 118	9 974,074	144 352,162	14,473	14,004	85	72	32 661	126,694	577,796	4,561	4,091
36	23	98 027	9 334,774	134 378,087	14,395	13,926	86	73	28 894	104,995	451,102	4,296	3,827
37	24	97 925	8 735,368	125 043,313	14,315	13,845	87	74	25 152	85,620	346,107	4,042	3,573
38	25	97 811	8 173,509	116 307,945	14,230	13,761	88	75	21 508	68,586	260,487	3,798	3,329
39	26	97 693	7 647,416	108 134,436	14,140	13,671	89	76	17 983	53,719	191,901	3,572	3,103
40	27	97 563	7 154,309	100 487,020	14,046	13,577	90	77	14 680	41,079	138,182	3,364	2,895
41	28	97 421	6 692,231	93 332,711	13,946	13,477	91	78	11 701	30,672	97,104	3,166	2,697
42	29	97 257	6 258,484	86 640,481	13,844	13,375	92	79	9 098	22,342	66,431	2,973	2,504
43	30	97 095	5 853,010	80 381,997	13,733	13,264	93	80	6 843	15,742	44,090	2,801	2,332
44	31	96 913	5 472,622	74 528,987	13,619	13,149	94	81	4 985	10,742	28,348	2,639	2,170
45	32	96 714	5 116,041	69 056,365	13,498	13,029	95	82	3 492	7,050	17,606	2,497	2,028
46	33	96 500	4 781,931	63 940,324	13,371	12,902	96	83	2 360	4,463	10,556	2,365	1,896
47	34	96 267	4 468,755	59 158,393	13,238	12,769	97	84	1 528	2,707	6,094	2,251	1,782
48	35	96 006	4 174,832	54 689,638	13,100	12,631	98	85	954	1,584	3,386	2,138	1,669
49	36	95 709	3 898,765	50 514,806	12,957	12,487	99	86	573	0,891	1,803	2,024	1,555
							100	87	325	0,473	0,912	1,930	1,461

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	3 641,513	46 707,255	12,826	12,357
1							51	37	95 076	3 398,670	43 065,742	12,671	12,202
2							52	38	94 688	3 170,773	39 667,072	12,510	12,041
3							53	39	94 257	2 956,771	36 496,299	12,343	11,874
4							54	40	93 771	2 755,512	33 539,529	12,172	11,703
5							55	41	93 242	2 566,722	30 784,017	11,994	11,524
6							56	42	92 644	2 388,997	28 217,295	11,811	11,342
7							57	43	91 983	2 221,968	25 828,298	11,624	11,155
8							58	44	91 251	2 064,902	23 606,330	11,432	10,963
9							59	45	90 460	1 917,579	21 541,427	11,234	10,765
10							60	46	89 578	1 778,802	19 623,849	11,032	10,563
11							61	47	88 617	1 648,450	17 845,047	10,825	10,356
12							62	48	87 564	1 525,872	16 196,597	10,615	10,146
13							63	49	86 404	1 410,446	14 670,724	10,401	9,932
14	0	99 525	39 882,553	612 451,385	15,356	14,887	64	50	85 141	1 301,948	13 260,279	10,185	9,716
15	1	99 225	37 248,061	572 568,833	15,372	14,903	65	51	83 783	1 200,169	11 958,331	9,964	9,495
16	2	99 188	34 879,614	535 320,772	15,348	14,879	66	52	82 325	1 104,721	10 758,162	9,738	9,269
17	3	99 152	32 662,348	500 441,158	15,322	14,853	67	53	80 764	1 015,240	9 653,441	9,509	9,039
18	4	99 116	30 585,839	467 778,810	15,294	14,825	68	54	79 107	931,534	8 638,201	9,273	8,804
19	5	99 068	28 638,143	437 192,972	15,266	14,797	69	55	77 340	853,138	7 706,667	9,033	8,564
20	6	99 022	26 814,653	408 554,828	15,236	14,767	70	56	75 474	779,909	6 853,529	8,788	8,318
21	7	98 973	25 106,915	381 740,175	15,205	14,735	71	57	73 525	711,732	6 073,620	8,534	8,064
22	8	98 929	23 508,726	356 633,260	15,170	14,701	72	58	71 422	647,659	5 361,888	8,279	7,810
23	9	98 880	22 011,407	333 124,535	15,134	14,665	73	59	69 255	588,295	4 714,228	8,013	7,544
24	10	98 833	20 609,825	311 113,128	15,095	14,626	74	60	66 947	532,727	4 125,934	7,745	7,276
25	11	98 783	19 296,711	290 503,303	15,055	14,585	75	61	64 526	481,001	3 593,206	7,470	7,001
26	12	98 731	18 067,171	271 206,592	15,011	14,542	76	62	61 969	432,728	3 112,205	7,192	6,723
27	13	98 682	16 916,223	253 139,421	14,964	14,495	77	63	59 283	387,797	2 679,477	6,909	6,440
28	14	98 629	15 838,200	236 223,198	14,915	14,446	78	64	56 512	346,293	2 291,679	6,618	6,149
29	15	98 575	14 828,491	220 384,998	14,862	14,393	79	65	53 585	307,593	1 945,386	6,325	5,855
30	16	98 515	13 882,398	205 556,508	14,807	14,338	80	66	50 525	271,694	1 637,793	6,028	5,559
31	17	98 450	12 996,059	191 674,110	14,749	14,280	81	67	47 289	238,211	1 366,099	5,735	5,266
32	18	98 381	12 165,733	178 678,051	14,687	14,218	82	68	43 933	207,310	1 127,888	5,441	4,971
33	19	98 305	11 387,660	166 512,319	14,622	14,153	83	69	40 466	178,880	920,578	5,146	4,677
34	20	98 220	10 658,366	155 124,658	14,554	14,085	84	70	36 839	152,549	741,698	4,862	4,393
35	21	98 135	9 975,768	144 466,292	14,482	14,013	85	71	33 118	128,469	589,149	4,586	4,117
36	22	98 044	9 336,341	134 490,524	14,405	13,936	86	72	29 332	106,588	460,680	4,322	3,853
37	23	97 941	8 736,797	125 154,183	14,325	13,856	87	73	25 581	87,077	354,092	4,066	3,597
38	24	97 827	8 174,852	116 417,386	14,241	13,772	88	74	21 907	69,857	267,015	3,822	3,353
39	25	97 712	7 648,903	108 242,535	14,151	13,682	89	75	18 352	54,822	197,158	3,596	3,127
40	26	97 580	7 155,584	100 593,632	14,058	13,589	90	76	15 013	42,009	142,336	3,388	2,919
41	27	97 442	6 693,634	93 438,048	13,959	13,490	91	77	11 988	31,424	100,327	3,193	2,724
42	28	97 280	6 259,973	86 744,413	13,857	13,388	92	78	9 353	22,967	68,902	3,000	2,531
43	29	97 119	5 854,455	80 484,440	13,748	13,278	93	79	7 061	16,242	45,936	2,828	2,359
44	30	96 940	5 474,170	74 629,985	13,633	13,164	94	80	5 167	11,134	29,694	2,667	2,198
45	31	96 745	5 117,689	69 155,815	13,513	13,044	95	81	3 639	7,347	18,559	2,526	2,057
46	32	96 532	4 783,538	64 038,126	13,387	12,918	96	82	2 476	4,683	11,213	2,394	1,925
47	33	96 301	4 470,320	59 254,588	13,255	12,786	97	83	1 618	2,865	6,530	2,279	1,810
48	34	96 042	4 176,427	54 784,268	13,117	12,648	98	84	1 019	1,692	3,664	2,166	1,697
49	35	95 754	3 900,586	50 607,841	12,974	12,505	99	85	618	0,961	1,973	2,052	1,583
							100	86	355	0,517	1,011	1,958	1,488

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	3 643,214	46 790,613	12,843	12,374
1							51	36	95 121	3 400,292	43 147,399	12,689	12,220
2							52	37	94 736	3 172,375	39 747,107	12,529	12,060
3							53	38	94 310	2 958,410	36 574,733	12,363	11,894
4							54	39	93 832	2 757,306	33 616,323	12,192	11,723
5							55	40	93 301	2 568,348	30 859,017	12,015	11,546
6							56	41	92 712	2 390,750	28 290,669	11,833	11,364
7							57	42	92 057	2 223,762	25 899,919	11,647	11,178
8							58	43	91 333	2 066,754	23 676,157	11,456	10,987
9							59	44	90 546	1 919,394	21 609,404	11,258	10,789
10							60	45	89 674	1 780,717	19 690,010	11,057	10,588
11							61	46	88 722	1 650,404	17 909,292	10,851	10,382
12							62	47	87 678	1 527,858	16 258,888	10,642	10,172
13							63	48	86 535	1 412,589	14 731,030	10,428	9,959
14							64	49	85 285	1 304,144	13 318,441	10,212	9,743
15	0	99 513	37 356,090	572 821,379	15,334	14,865	65	50	83 938	1 202,386	12 014,297	9,992	9,523
16	1	99 210	34 887,374	535 465,289	15,348	14,879	66	51	82 497	1 107,020	10 811,911	9,767	9,298
17	2	99 165	32 666,640	500 577,916	15,324	14,855	67	52	80 942	1 017,482	9 704,891	9,538	9,069
18	3	99 126	30 588,889	467 911,276	15,297	14,828	68	53	79 304	933,849	8 687,409	9,303	8,834
19	4	99 077	28 640,780	437 322,387	15,269	14,800	69	54	77 553	855,495	7 753,560	9,063	8,594
20	5	99 028	26 816,475	408 681,607	15,240	14,771	70	55	75 709	782,344	6 898,065	8,817	8,348
21	6	98 981	25 108,748	381 865,132	15,208	14,739	71	56	73 775	714,147	6 115,722	8,564	8,095
22	7	98 933	23 509,845	356 756,384	15,175	14,706	72	57	71 692	650,101	5 401,575	8,309	7,840
23	8	98 887	22 012,993	333 246,538	15,139	14,670	73	58	69 545	590,760	4 751,473	8,043	7,574
24	9	98 839	20 610,920	311 233,545	15,100	14,631	74	59	67 258	535,208	4 160,713	7,774	7,305
25	10	98 788	19 297,784	290 622,625	15,060	14,591	75	60	64 859	483,480	3 625,505	7,499	7,030
26	11	98 739	18 068,560	271 324,841	15,016	14,547	76	61	62 317	435,159	3 142,025	7,220	6,751
27	12	98 688	16 917,292	253 256,281	14,970	14,501	77	62	59 648	390,186	2 706,866	6,937	6,468
28	13	98 637	15 839,452	236 338,989	14,921	14,452	78	63	56 896	348,650	2 316,680	6,645	6,176
29	14	98 584	14 829,859	220 499,537	14,869	14,399	79	64	53 985	309,889	1 968,030	6,351	5,882
30	15	98 526	13 884,005	205 669,678	14,813	14,344	80	65	50 934	273,888	1 658,140	6,054	5,585
31	16	98 463	12 997,720	191 785,673	14,755	14,286	81	66	47 707	240,316	1 384,252	5,760	5,291
32	17	98 394	12 167,310	178 787,953	14,694	14,225	82	67	44 348	209,268	1 143,936	5,466	4,997
33	18	98 321	11 389,509	166 620,642	14,629	14,160	83	68	40 884	180,724	934,668	5,172	4,703
34	19	98 236	10 660,118	155 231,134	14,562	14,093	84	69	37 270	154,331	753,944	4,885	4,416
35	20	98 151	9 977,401	144 571,015	14,490	14,021	85	70	33 539	130,102	599,613	4,609	4,140
36	21	98 061	9 337,926	134 593,614	14,414	13,945	86	71	29 743	108,081	469,511	4,344	3,875
37	22	97 957	8 738,263	125 255,688	14,334	13,865	87	72	25 969	88,399	361,430	4,089	3,620
38	23	97 843	8 176,189	116 517,425	14,251	13,782	88	73	22 280	71,046	273,031	3,843	3,374
39	24	97 728	7 650,160	108 341,236	14,162	13,693	89	74	18 693	55,838	201,986	3,617	3,148
40	25	97 599	7 156,976	100 691,076	14,069	13,600	90	75	15 321	42,872	146,148	3,409	2,940
41	26	97 459	6 694,828	93 534,101	13,971	13,502	91	76	12 259	32,136	103,276	3,214	2,745
42	27	97 300	6 261,287	86 839,273	13,869	13,400	92	77	9 582	23,530	71,140	3,023	2,554
43	28	97 142	5 855,848	80 577,986	13,760	13,291	93	78	7 258	16,696	47,610	2,851	2,382
44	29	96 964	5 475,521	74 722,138	13,647	13,177	94	79	5 331	11,488	30,913	2,691	2,222
45	30	96 772	5 119,137	69 246,617	13,527	13,058	95	80	3 772	7,615	19,425	2,551	2,082
46	31	96 563	4 785,078	64 127,480	13,402	12,932	96	81	2 581	4,880	11,810	2,420	1,951
47	32	96 333	4 471,823	59 342,401	13,270	12,801	97	82	1 697	3,007	6,930	2,305	1,836
48	33	96 076	4 177,890	54 870,579	13,134	12,664	98	83	1 079	1,791	3,923	2,191	1,722
49	34	95 790	3 902,076	50 692,689	12,991	12,522	99	84	661	1,027	2,133	2,077	1,608
							100	85	383	0,558	1,106	1,983	1,514

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	3 644,605	46 866,615	12,859	12,390
1							51	35	95 166	3 401,880	43 222,009	12,705	12,236
2							52	36	94 781	3 173,888	39 820,129	12,546	12,077
3							53	37	94 357	2 959,904	36 646,241	12,381	11,912
4							54	38	93 884	2 758,834	33 686,336	12,210	11,741
5							55	39	93 362	2 570,020	30 927,502	12,034	11,565
6							56	40	92 771	2 392,264	28 357,482	11,854	11,385
7							57	41	92 125	2 225,393	25 965,218	11,668	11,199
8							58	42	91 406	2 068,423	23 739,824	11,477	11,008
9							59	43	90 627	1 921,115	21 671,402	11,281	10,812
10							60	44	89 759	1 782,403	19 750,287	11,081	10,612
11							61	45	88 818	1 652,182	17 967,884	10,875	10,406
12							62	46	87 782	1 529,669	16 315,702	10,666	10,197
13							63	47	86 648	1 414,427	14 786,033	10,454	9,985
14							64	48	85 414	1 306,126	13 371,607	10,238	9,768
15							65	49	84 079	1 204,414	12 065,481	10,018	9,549
16	0	99 497	34 988,556	535 698,326	15,311	14,842	66	50	82 649	1 109,065	10 861,067	9,793	9,324
17	1	99 187	32 673,907	500 709,770	15,324	14,855	67	51	81 111	1 019,600	9 752,002	9,565	9,095
18	2	99 139	30 592,909	468 035,863	15,299	14,830	68	52	79 479	935,912	8 732,402	9,330	8,861
19	3	99 087	28 643,636	437 442,954	15,272	14,803	69	53	77 746	857,620	7 796,490	9,091	8,622
20	4	99 037	26 818,944	408 799,319	15,243	14,774	70	54	75 918	784,504	6 938,870	8,845	8,376
21	5	98 987	25 110,454	381 980,375	15,212	14,743	71	55	74 005	716,377	6 154,365	8,591	8,122
22	6	98 941	23 511,562	356 869,921	15,178	14,709	72	56	71 935	652,307	5 437,988	8,337	7,867
23	7	98 892	22 014,042	333 358,359	15,143	14,674	73	57	69 807	592,988	4 785,681	8,070	7,601
24	8	98 846	20 612,406	311 344,317	15,105	14,636	74	58	67 540	537,451	4 192,694	7,801	7,332
25	9	98 793	19 298,810	290 731,911	15,065	14,596	75	59	65 161	485,731	3 655,243	7,525	7,056
26	10	98 744	18 069,565	271 433,101	15,022	14,552	76	60	62 638	437,402	3 169,512	7,246	6,777
27	11	98 695	16 918,593	253 363,537	14,975	14,506	77	61	59 983	392,378	2 732,110	6,963	6,494
28	12	98 643	15 840,453	236 444,943	14,927	14,458	78	62	57 247	350,798	2 339,732	6,670	6,201
29	13	98 592	14 831,031	220 604,490	14,875	14,405	79	63	54 352	311,999	1 988,934	6,375	5,906
30	14	98 535	13 885,286	205 773,459	14,820	14,350	80	64	51 314	275,933	1 676,936	6,077	5,608
31	15	98 474	12 999,225	191 888,173	14,762	14,292	81	65	48 092	242,257	1 401,003	5,783	5,314
32	16	98 406	12 168,866	178 888,948	14,701	14,231	82	66	44 739	211,117	1 158,746	5,489	5,020
33	17	98 333	11 390,986	166 720,082	14,636	14,167	83	67	41 270	182,431	947,629	5,194	4,725
34	18	98 252	10 661,849	155 329,097	14,569	14,100	84	68	37 654	155,922	765,198	4,908	4,438
35	19	98 167	9 979,041	144 667,248	14,497	14,028	85	69	33 931	131,622	609,276	4,629	4,160
36	20	98 077	9 339,455	134 688,206	14,421	13,952	86	70	30 121	109,455	477,654	4,364	3,895
37	21	97 974	8 739,747	125 348,751	14,342	13,873	87	71	26 333	89,637	368,199	4,108	3,639
38	22	97 860	8 177,561	116 609,004	14,260	13,791	88	72	22 618	72,124	278,562	3,862	3,393
39	23	97 744	7 651,411	108 431,443	14,171	13,702	89	73	19 011	56,788	206,438	3,635	3,166
40	24	97 615	7 158,151	100 780,032	14,079	13,610	90	74	15 605	43,666	149,650	3,427	2,958
41	25	97 478	6 696,130	93 621,881	13,981	13,512	91	75	12 511	32,796	105,984	3,232	2,762
42	26	97 318	6 262,403	86 925,751	13,881	13,411	92	76	9 799	24,063	73,188	3,042	2,572
43	27	97 163	5 857,077	80 663,348	13,772	13,303	93	77	7 436	17,106	49,125	2,872	2,403
44	28	96 987	5 476,824	74 806,271	13,659	13,190	94	78	5 480	11,810	32,019	2,711	2,242
45	29	96 796	5 120,400	69 329,447	13,540	13,071	95	79	3 892	7,857	20,209	2,572	2,103
46	30	96 591	4 786,432	64 209,046	13,415	12,946	96	80	2 675	5,058	12,352	2,442	1,973
47	31	96 364	4 473,263	59 422,614	13,284	12,815	97	81	1 769	3,133	7,294	2,328	1,859
48	32	96 108	4 179,294	54 949,351	13,148	12,679	98	82	1 132	1,879	4,160	2,214	1,745
49	33	95 824	3 903,443	50 770,058	13,006	12,537	99	83	699	1,087	2,281	2,099	1,630
							100	84	409	0,596	1,195	2,005	1,536

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	3 645,882	46 935,898	12,874	12,405
1							51	34	95 202	3 403,179	43 290,015	12,720	12,251
2							52	35	94 825	3 175,371	39 886,836	12,561	12,092
3							53	36	94 402	2 961,317	36 711,465	12,397	11,928
4							54	37	93 931	2 760,228	33 750,148	12,227	11,758
5							55	38	93 414	2 571,445	30 989,920	12,052	11,582
6							56	39	92 831	2 393,822	28 418,475	11,872	11,402
7							57	40	92 183	2 226,803	26 024,653	11,687	11,218
8							58	41	91 473	2 069,940	23 797,850	11,497	11,028
9							59	42	90 700	1 922,666	21 727,911	11,301	10,832
10							60	43	89 840	1 784,001	19 805,244	11,102	10,632
11							61	44	88 902	1 653,746	18 021,243	10,897	10,428
12							62	45	87 877	1 531,316	16 367,498	10,689	10,219
13							63	46	86 750	1 416,103	14 836,181	10,477	10,008
14							64	47	85 525	1 307,825	13 420,078	10,261	9,792
15							65	48	84 207	1 206,244	12 112,253	10,041	9,572
16							66	49	82 788	1 110,936	10 906,009	9,817	9,348
17	0	99 475	32 768,670	500 924,815	15,287	14,818	67	50	81 260	1 021,483	9 795,073	9,589	9,120
18	1	99 161	30 599,714	468 156,146	15,299	14,830	68	51	79 644	937,860	8 773,590	9,355	8,886
19	2	99 100	28 647,400	437 556,431	15,274	14,805	69	52	77 918	859,515	7 835,730	9,116	8,647
20	3	99 047	26 821,618	408 909,031	15,246	14,776	70	53	76 107	786,454	6 976,215	8,870	8,401
21	4	98 997	25 112,766	382 087,413	15,215	14,746	71	54	74 209	718,355	6 189,761	8,617	8,147
22	5	98 947	23 513,160	356 974,647	15,182	14,713	72	55	72 160	654,344	5 471,406	8,362	7,893
23	6	98 899	22 015,649	333 461,488	15,147	14,677	73	56	70 044	595,000	4 817,062	8,096	7,627
24	7	98 850	20 613,388	311 445,838	15,109	14,640	74	57	67 795	539,477	4 222,062	7,826	7,357
25	8	98 800	19 300,201	290 832,451	15,069	14,600	75	58	65 434	487,767	3 682,585	7,550	7,081
26	9	98 750	18 070,525	271 532,250	15,026	14,557	76	59	62 930	439,438	3 194,818	7,270	6,801
27	10	98 701	16 919,534	253 461,725	14,980	14,511	77	60	60 293	394,400	2 755,380	6,986	6,517
28	11	98 651	15 841,671	236 542,191	14,932	14,463	78	61	57 568	352,768	2 360,980	6,693	6,224
29	12	98 598	14 831,968	220 700,520	14,880	14,411	79	62	54 687	313,920	2 008,212	6,397	5,928
30	13	98 543	13 886,384	205 868,551	14,825	14,356	80	63	51 663	277,811	1 694,292	6,099	5,630
31	14	98 483	13 000,425	191 982,168	14,767	14,298	81	64	48 451	244,065	1 416,481	5,804	5,335
32	15	98 418	12 170,275	178 981,743	14,706	14,237	82	65	45 101	212,823	1 172,416	5,509	5,040
33	16	98 346	11 392,442	166 811,468	14,642	14,173	83	66	41 634	184,043	959,593	5,214	4,745
34	17	98 265	10 663,231	155 419,026	14,575	14,106	84	67	38 010	157,395	775,550	4,927	4,458
35	18	98 183	9 980,662	144 755,795	14,504	14,034	85	68	34 281	132,979	618,155	4,649	4,179
36	19	98 093	9 340,990	134 775,134	14,428	13,959	86	69	30 473	110,734	485,176	4,381	3,912
37	20	97 990	8 741,178	125 434,143	14,350	13,881	87	70	26 667	90,776	374,443	4,125	3,656
38	21	97 876	8 178,950	116 692,965	14,267	13,798	88	71	22 935	73,134	283,666	3,879	3,410
39	22	97 760	7 652,695	108 514,016	14,180	13,711	89	72	19 299	57,650	210,532	3,652	3,183
40	23	97 631	7 159,322	100 861,320	14,088	13,619	90	73	15 870	44,410	152,882	3,443	2,973
41	24	97 494	6 697,230	93 701,998	13,991	13,522	91	74	12 743	33,404	108,473	3,247	2,778
42	25	97 337	6 263,621	87 004,768	13,890	13,421	92	75	10 000	24,557	75,069	3,057	2,588
43	26	97 180	5 858,121	80 741,148	13,783	13,314	93	76	7 605	17,493	50,512	2,887	2,418
44	27	97 008	5 477,973	74 883,027	13,670	13,201	94	77	5 615	12,099	33,019	2,729	2,260
45	28	96 819	5 121,619	69 405,053	13,551	13,082	95	78	4 001	8,077	20,919	2,590	2,121
46	29	96 614	4 787,613	64 283,434	13,427	12,958	96	79	2 760	5,219	12,843	2,461	1,992
47	30	96 391	4 474,528	59 495,820	13,297	12,827	97	80	1 834	3,248	7,623	2,347	1,878
48	31	96 139	4 180,640	55 021,292	13,161	12,692	98	81	1 180	1,958	4,375	2,235	1,766
49	32	95 856	3 904,755	50 840,652	13,020	12,551	99	82	734	1,140	2,417	2,120	1,651
							100	83	433	0,631	1,277	2,025	1,556

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	3 647,107	46 999,098	12,887	12,418
1							51	33	95 236	3 404,372	43 351,991	12,734	12,265
2							52	34	94 862	3 176,584	39 947,619	12,576	12,107
3							53	35	94 446	2 962,700	36 771,035	12,411	11,942
4							54	36	93 976	2 761,545	33 808,335	12,243	11,773
5							55	37	93 461	2 572,744	31 046,790	12,068	11,598
6							56	38	92 883	2 395,149	28 474,047	11,888	11,419
7							57	39	92 243	2 228,253	26 078,898	11,704	11,235
8							58	40	91 531	2 071,251	23 850,645	11,515	11,046
9							59	41	90 767	1 924,076	21 779,394	11,319	10,850
10							60	42	89 912	1 785,442	19 855,317	11,121	10,652
11							61	43	88 981	1 655,228	18 069,875	10,917	10,448
12							62	44	87 960	1 532,766	16 414,647	10,709	10,240
13							63	45	86 844	1 417,628	14 881,881	10,498	10,029
14							64	46	85 627	1 309,375	13 464,253	10,283	9,814
15							65	47	84 316	1 207,814	12 154,877	10,064	9,594
16							66	48	82 914	1 112,624	10 947,064	9,839	9,370
17							67	49	81 398	1 023,206	9 834,440	9,611	9,142
18	0	99 448	30 688,461	468 354,601	15,262	14,792	68	50	79 791	939,592	8 811,233	9,378	8,909
19	1	99 122	28 653,773	437 666,139	15,274	14,805	69	51	78 080	861,303	7 871,641	9,139	8,670
20	2	99 060	26 825,143	409 012,366	15,247	14,778	70	52	76 275	788,191	7 010,338	8,894	8,425
21	3	99 006	25 115,270	382 187,223	15,217	14,748	71	53	74 394	720,140	6 222,147	8,640	8,171
22	4	98 957	23 515,324	357 071,954	15,185	14,716	72	54	72 359	656,151	5 502,006	8,385	7,916
23	5	98 906	22 017,145	333 556,629	15,150	14,681	73	55	70 263	596,857	4 845,855	8,119	7,650
24	6	98 858	20 614,893	311 539,484	15,112	14,643	74	56	68 025	541,308	4 248,998	7,850	7,380
25	7	98 805	19 301,120	290 924,591	15,073	14,604	75	57	65 681	489,606	3 707,690	7,573	7,104
26	8	98 757	18 071,828	271 623,471	15,030	14,561	76	58	63 194	441,280	3 218,084	7,293	6,823
27	9	98 706	16 920,433	253 551,644	14,985	14,516	77	59	60 573	396,236	2 776,804	7,008	6,539
28	10	98 657	15 842,552	236 631,211	14,936	14,467	78	60	57 865	354,586	2 380,568	6,714	6,245
29	11	98 605	14 833,109	220 788,659	14,885	14,416	79	61	54 994	315,684	2 025,982	6,418	5,949
30	12	98 549	13 887,261	205 955,550	14,831	14,361	80	62	51 981	279,522	1 710,298	6,119	5,650
31	13	98 491	13 001,452	192 068,288	14,773	14,304	81	63	48 781	245,726	1 430,776	5,823	5,354
32	14	98 427	12 171,398	179 066,836	14,712	14,243	82	64	45 437	214,411	1 185,050	5,527	5,058
33	15	98 357	11 393,761	166 895,439	14,648	14,179	83	65	41 971	185,530	970,638	5,232	4,763
34	16	98 277	10 664,595	155 501,677	14,581	14,112	84	66	38 345	158,786	785,109	4,944	4,475
35	17	98 195	9 981,956	144 837,083	14,510	14,041	85	67	34 605	134,235	626,323	4,666	4,197
36	18	98 109	9 342,507	134 855,127	14,435	13,965	86	68	30 787	111,875	492,088	4,399	3,929
37	19	98 006	8 742,615	125 512,620	14,356	13,887	87	69	26 979	91,837	380,213	4,140	3,671
38	20	97 892	8 180,289	116 770,005	14,275	13,805	88	70	23 226	74,064	288,376	3,894	3,424
39	21	97 777	7 653,995	108 589,717	14,187	13,718	89	71	19 570	58,457	214,313	3,666	3,197
40	22	97 647	7 160,524	100 935,722	14,096	13,627	90	72	16 111	45,084	155,855	3,457	2,988
41	23	97 510	6 698,325	93 775,198	14,000	13,531	91	73	12 960	33,972	110,772	3,261	2,792
42	24	97 353	6 264,650	87 076,873	13,900	13,431	92	74	10 186	25,012	76,799	3,071	2,601
43	25	97 199	5 859,260	80 812,223	13,792	13,323	93	75	7 761	17,853	51,788	2,901	2,432
44	26	97 025	5 478,950	74 952,963	13,680	13,211	94	76	5 742	12,373	33,935	2,743	2,273
45	27	96 840	5 122,694	69 474,013	13,562	13,093	95	77	4 099	8,275	21,562	2,606	2,136
46	28	96 637	4 788,753	64 351,319	13,438	12,969	96	78	2 837	5,365	13,287	2,476	2,007
47	29	96 415	4 475,633	59 562,566	13,308	12,839	97	79	1 892	3,351	7,921	2,364	1,895
48	30	96 167	4 181,822	55 086,933	13,173	12,704	98	80	1 223	2,030	4,570	2,252	1,783
49	31	95 887	3 906,012	50 905,111	13,033	12,563	99	81	765	1,189	2,541	2,138	1,669
							100	82	454	0,662	1,352	2,044	1,575

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	3 648,282	47 056,793	12,898	12,429
1							51	32	95 268	3 405,516	43 408,511	12,747	12,277
2							52	33	94 895	3 177,697	40 002,995	12,589	12,120
3							53	34	94 482	2 963,832	36 825,298	12,425	11,956
4							54	35	94 020	2 762,835	33 861,467	12,256	11,787
5							55	36	93 506	2 573,971	31 098,632	12,082	11,613
6							56	37	92 929	2 396,359	28 524,661	11,903	11,434
7							57	38	92 294	2 229,488	26 128,301	11,719	11,250
8							58	39	91 591	2 072,600	23 898,813	11,531	11,062
9							59	40	90 824	1 925,295	21 826,214	11,337	10,867
10							60	41	89 978	1 786,751	19 900,918	11,138	10,669
11							61	42	89 053	1 656,565	18 114,167	10,935	10,466
12							62	43	88 039	1 534,140	16 457,602	10,728	10,258
13							63	44	86 926	1 418,970	14 923,462	10,517	10,048
14							64	45	85 719	1 310,785	13 504,491	10,303	9,833
15							65	46	84 416	1 209,246	12 193,706	10,084	9,615
16							66	47	83 022	1 114,071	10 984,460	9,860	9,391
17							67	48	81 521	1 024,761	9 870,389	9,632	9,163
18							68	49	79 926	941,177	8 845,628	9,398	8,929
19	0	99 410	28 736,876	437 849,290	15,236	14,767	69	50	78 224	862,895	7 904,451	9,160	8,691
20	1	99 082	26 831,111	409 112,414	15,248	14,779	70	51	76 434	789,831	7 041,556	8,915	8,446
21	2	99 019	25 118,570	382 281,303	15,219	14,750	71	52	74 558	721,731	6 251,725	8,662	8,193
22	3	98 966	23 517,669	357 162,733	15,187	14,718	72	53	72 539	657,781	5 529,994	8,407	7,938
23	4	98 915	22 019,172	333 645,064	15,152	14,683	73	54	70 457	598,506	4 872,212	8,141	7,671
24	5	98 864	20 616,294	311 625,892	15,116	14,646	74	55	68 237	542,998	4 273,706	7,871	7,401
25	6	98 812	19 302,529	291 009,598	15,076	14,607	75	56	65 904	491,267	3 730,709	7,594	7,125
26	7	98 762	18 072,688	271 707,069	15,034	14,565	76	57	63 432	442,944	3 239,441	7,313	6,844
27	8	98 713	16 921,653	253 634,381	14,989	14,520	77	58	60 827	397,897	2 796,498	7,028	6,559
28	9	98 662	15 843,394	236 712,728	14,941	14,472	78	59	58 135	356,237	2 398,601	6,733	6,264
29	10	98 611	14 833,934	220 869,334	14,889	14,420	79	60	55 277	317,311	2 042,363	6,436	5,967
30	11	98 557	13 888,329	206 035,400	14,835	14,366	80	61	52 273	281,092	1 725,053	6,137	5,668
31	12	98 497	13 002,274	192 147,071	14,778	14,309	81	62	49 081	247,240	1 443,961	5,840	5,371
32	13	98 434	12 172,360	179 144,797	14,717	14,248	82	63	45 747	215,871	1 196,721	5,544	5,075
33	14	98 367	11 394,812	166 972,437	14,653	14,184	83	64	42 284	186,914	980,850	5,248	4,778
34	15	98 288	10 665,829	155 577,625	14,587	14,117	84	65	38 655	160,068	793,936	4,960	4,491
35	16	98 208	9 983,232	144 911,795	14,516	14,046	85	66	34 910	135,421	633,867	4,681	4,212
36	17	98 121	9 343,718	134 928,563	14,441	13,971	86	67	31 078	112,932	498,447	4,414	3,945
37	18	98 022	8 744,034	125 584,845	14,362	13,893	87	68	27 257	92,783	385,515	4,155	3,686
38	19	97 908	8 181,633	116 840,811	14,281	13,812	88	69	23 498	74,929	292,731	3,907	3,438
39	20	97 793	7 655,248	108 659,178	14,194	13,725	89	70	19 818	59,200	217,802	3,679	3,210
40	21	97 664	7 161,740	101 003,930	14,103	13,634	90	71	16 337	45,715	158,602	3,469	3,000
41	22	97 526	6 699,449	93 842,190	14,007	13,538	91	72	13 157	34,488	112,887	3,273	2,804
42	23	97 369	6 265,675	87 142,741	13,908	13,439	92	73	10 359	25,438	78,399	3,082	2,613
43	24	97 215	5 860,223	80 877,066	13,801	13,332	93	74	7 905	18,183	52,961	2,913	2,443
44	25	97 044	5 480,015	75 016,843	13,689	13,220	94	75	5 860	12,627	34,778	2,754	2,285
45	26	96 857	5 123,607	69 536,828	13,572	13,103	95	76	4 192	8,462	22,150	2,617	2,148
46	27	96 658	4 789,758	64 413,221	13,448	12,979	96	77	2 907	5,497	13,688	2,490	2,021
47	28	96 438	4 476,698	59 623,463	13,319	12,849	97	78	1 945	3,445	8,191	2,378	1,909
48	29	96 190	4 182,855	55 146,765	13,184	12,715	98	79	1 262	2,094	4,746	2,267	1,797
49	30	95 914	3 907,117	50 963,910	13,044	12,575	99	80	793	1,232	2,652	2,153	1,684
							100	81	474	0,689	1,420	2,060	1,591

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	3 649,314	47 109,409	12,909	12,440
1							51	31	95 298	3 406,613	43 460,095	12,758	12,288
2							52	32	94 927	3 178,764	40 053,482	12,600	12,131
3							53	33	94 516	2 964,870	36 874,718	12,437	11,968
4							54	34	94 056	2 763,890	33 909,848	12,269	11,800
5							55	35	93 549	2 575,174	31 145,958	12,095	11,626
6							56	36	92 974	2 397,502	28 570,784	11,917	11,448
7							57	37	92 341	2 230,615	26 173,282	11,734	11,265
8							58	38	91 642	2 073,749	23 942,667	11,546	11,076
9							59	39	90 884	1 926,549	21 868,918	11,351	10,882
10							60	40	90 035	1 787,883	19 942,369	11,154	10,685
11							61	41	89 118	1 657,780	18 154,486	10,951	10,482
12							62	42	88 110	1 535,379	16 496,706	10,744	10,275
13							63	43	87 004	1 420,243	14 961,327	10,534	10,065
14							64	44	85 800	1 312,026	13 541,085	10,321	9,852
15							65	45	84 507	1 210,548	12 229,058	10,102	9,633
16							66	46	83 120	1 115,392	11 018,510	9,879	9,409
17							67	47	81 627	1 026,094	9 903,118	9,651	9,182
18							68	48	80 047	942,607	8 877,024	9,418	8,948
19							69	49	78 356	864,350	7 934,417	9,180	8,711
20	0	99 370	26 908,928	409 281,454	15,210	14,741	70	50	76 575	791,290	7 070,066	8,935	8,466
21	1	99 041	25 124,158	382 372,527	15,219	14,750	71	51	74 713	723,233	6 278,776	8,682	8,212
22	2	98 979	23 520,760	357 248,368	15,189	14,720	72	52	72 699	659,235	5 555,543	8,427	7,958
23	3	98 925	22 021,367	333 727,608	15,155	14,686	73	53	70 632	599,993	4 896,308	8,161	7,691
24	4	98 873	20 618,192	311 706,241	15,118	14,649	74	54	68 426	544,497	4 296,315	7,890	7,421
25	5	98 819	19 303,841	291 088,049	15,079	14,610	75	55	66 109	492,801	3 751,818	7,613	7,144
26	6	98 769	18 074,008	271 784,209	15,037	14,568	76	56	63 647	444,447	3 259,017	7,333	6,864
27	7	98 718	16 922,459	253 710,200	14,993	14,523	77	57	61 057	399,397	2 814,570	7,047	6,578
28	8	98 669	15 844,536	236 787,742	14,944	14,475	78	58	58 378	357,730	2 415,173	6,751	6,282
29	9	98 616	14 834,722	220 943,206	14,894	14,425	79	59	55 535	318,788	2 057,443	6,454	5,985
30	10	98 562	13 889,101	206 108,484	14,840	14,370	80	60	52 543	282,541	1 738,655	6,154	5,685
31	11	98 505	13 003,274	192 219,382	14,782	14,313	81	61	49 357	248,629	1 456,114	5,857	5,387
32	12	98 441	12 173,129	179 216,108	14,722	14,253	82	62	46 029	217,200	1 207,485	5,559	5,090
33	13	98 374	11 395,713	167 042,979	14,658	14,189	83	63	42 572	188,187	990,285	5,262	4,793
34	14	98 298	10 666,814	155 647,266	14,592	14,123	84	64	38 944	161,263	802,098	4,974	4,505
35	15	98 219	9 984,388	144 980,453	14,521	14,052	85	65	35 192	136,515	640,835	4,694	4,225
36	16	98 134	9 344,913	134 996,065	14,446	13,977	86	66	31 353	113,930	504,321	4,427	3,957
37	17	98 035	8 745,168	125 651,152	14,368	13,899	87	67	27 514	93,660	390,391	4,168	3,699
38	18	97 924	8 182,962	116 905,984	14,287	13,817	88	68	23 740	75,701	296,731	3,920	3,451
39	19	97 809	7 656,506	108 723,022	14,200	13,731	89	69	20 050	59,892	221,029	3,690	3,221
40	20	97 680	7 162,912	101 066,516	14,110	13,641	90	70	16 545	46,296	161,138	3,481	3,011
41	21	97 543	6 700,587	93 903,604	14,014	13,545	91	71	13 341	34,971	114,841	3,284	2,815
42	22	97 385	6 266,726	87 203,017	13,915	13,446	92	72	10 516	25,824	79,870	3,093	2,624
43	23	97 231	5 861,181	80 936,291	13,809	13,340	93	73	8 039	18,493	54,047	2,923	2,453
44	24	97 060	5 480,916	75 075,109	13,698	13,228	94	74	5 969	12,861	35,554	2,764	2,295
45	25	96 876	5 124,603	69 594,193	13,580	13,111	95	75	4 278	8,636	22,693	2,628	2,158
46	26	96 675	4 790,612	64 469,590	13,457	12,988	96	76	2 973	5,621	14,056	2,501	2,031
47	27	96 458	4 477,637	59 678,978	13,328	12,859	97	77	1 992	3,529	8,435	2,390	1,921
48	28	96 213	4 183,850	55 201,341	13,194	12,725	98	78	1 297	2,153	4,906	2,279	1,810
49	29	95 938	3 908,082	51 017,491	13,054	12,585	99	79	818	1,271	2,753	2,166	1,697
							100	80	491	0,715	1,482	2,074	1,604

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	3 650,215	47 157,341	12,919	12,450
1							51	30	95 325	3 407,576	43 507,126	12,768	12,299
2							52	31	94 957	3 179,788	40 099,550	12,611	12,142
3							53	32	94 547	2 965,866	36 919,762	12,448	11,979
4							54	33	94 089	2 764,859	33 953,895	12,281	11,811
5							55	34	93 585	2 576,157	31 189,037	12,107	11,638
6							56	35	93 017	2 398,622	28 612,880	11,929	11,460
7							57	36	92 385	2 231,679	26 214,257	11,746	11,277
8							58	37	91 688	2 074,796	23 982,579	11,559	11,090
9							59	38	90 934	1 927,617	21 907,782	11,365	10,896
10							60	39	90 094	1 789,047	19 980,165	11,168	10,699
11							61	40	89 175	1 658,830	18 191,118	10,966	10,497
12							62	41	88 174	1 536,505	16 532,288	10,760	10,291
13							63	42	87 074	1 421,389	14 995,782	10,550	10,081
14							64	43	85 877	1 313,203	13 574,393	10,337	9,868
15							65	44	84 587	1 211,694	12 261,190	10,119	9,650
16							66	45	83 210	1 116,593	11 049,496	9,896	9,427
17							67	46	81 724	1 027,311	9 932,903	9,669	9,200
18							68	47	80 151	943,834	8 905,592	9,436	8,966
19							69	48	78 475	865,664	7 961,759	9,197	8,728
20							70	49	76 704	792,625	7 096,095	8,953	8,484
21	0	99 329	25 197,025	382 528,557	15,181	14,712	71	50	74 851	724,569	6 303,470	8,700	8,230
22	1	99 001	23 525,992	357 331,532	15,189	14,720	72	51	72 850	660,606	5 578,901	8,445	7,976
23	2	98 938	22 024,262	333 805,540	15,156	14,687	73	52	70 788	601,319	4 918,295	8,179	7,710
24	3	98 883	20 620,247	311 781,279	15,120	14,651	74	53	68 596	545,850	4 316,976	7,909	7,440
25	4	98 828	19 305,618	291 161,031	15,082	14,613	75	54	66 292	494,162	3 771,126	7,631	7,162
26	5	98 775	18 075,236	271 855,413	15,040	14,571	76	55	63 846	445,834	3 276,964	7,350	6,881
27	6	98 725	16 923,694	253 780,177	14,996	14,526	77	56	61 264	400,753	2 831,129	7,065	6,595
28	7	98 674	15 845,291	236 856,483	14,948	14,479	78	57	58 598	359,079	2 430,377	6,768	6,299
29	8	98 623	14 835,792	221 011,192	14,897	14,428	79	58	55 767	320,124	2 071,298	6,470	6,001
30	9	98 568	13 889,840	206 175,400	14,844	14,374	80	59	52 787	283,856	1 751,174	6,169	5,700
31	10	98 510	13 003,997	192 285,561	14,787	14,318	81	60	49 612	249,910	1 467,318	5,871	5,402
32	11	98 448	12 174,065	179 281,564	14,727	14,257	82	61	46 287	218,421	1 217,408	5,574	5,105
33	12	98 381	11 396,433	167 107,499	14,663	14,194	83	62	42 834	189,346	998,987	5,276	4,807
34	13	98 305	10 667,657	155 711,065	14,597	14,127	84	63	39 209	162,361	809,641	4,987	4,518
35	14	98 228	9 985,309	145 043,409	14,526	14,057	85	64	35 455	137,534	647,281	4,706	4,237
36	15	98 145	9 345,995	135 058,100	14,451	13,982	86	65	31 606	114,850	509,747	4,438	3,969
37	16	98 047	8 746,286	125 712,105	14,373	13,904	87	66	27 757	94,487	394,897	4,179	3,710
38	17	97 937	8 184,023	116 965,819	14,292	13,823	88	67	23 964	76,417	300,409	3,931	3,462
39	18	97 825	7 657,749	108 781,796	14,205	13,736	89	68	20 256	60,509	223,993	3,702	3,233
40	19	97 696	7 164,090	101 124,047	14,115	13,646	90	69	16 738	46,837	163,484	3,490	3,021
41	20	97 559	6 701,684	93 959,957	14,020	13,551	91	70	13 510	35,416	116,647	3,294	2,825
42	21	97 401	6 267,790	87 258,273	13,922	13,453	92	71	10 664	26,185	81,231	3,102	2,633
43	22	97 247	5 862,165	80 990,482	13,816	13,347	93	72	8 161	18,774	55,046	2,932	2,463
44	23	97 076	5 481,812	75 128,318	13,705	13,236	94	73	6 070	13,080	36,272	2,773	2,304
45	24	96 892	5 125,445	69 646,505	13,588	13,119	95	74	4 358	8,796	23,192	2,637	2,167
46	25	96 694	4 791,543	64 521,060	13,466	12,996	96	75	3 034	5,737	14,396	2,509	2,040
47	26	96 475	4 478,436	59 729,517	13,337	12,868	97	76	2 038	3,609	8,659	2,399	1,930
48	27	96 233	4 184,728	55 251,081	13,203	12,734	98	77	1 329	2,205	5,050	2,290	1,821
49	28	95 961	3 909,012	51 066,353	13,064	12,595	99	78	841	1,307	2,844	2,177	1,708
							100	79	506	0,737	1,538	2,085	1,616

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	28	95 679	3 651,084	47 201,042	12,928	12,459
							51	29	95 349	3 408,417	43 549,958	12,777	12,308
							52	30	94 984	3 180,688	40 141,541	12,620	12,151
							53	31	94 578	2 966,822	36 960,853	12,458	11,989
							54	32	94 121	2 765,788	33 994,032	12,291	11,822
							55	33	93 618	2 577,060	31 228,244	12,118	11,649
							56	34	93 053	2 399,538	28 651,184	11,940	11,471
							57	35	92 428	2 232,721	26 251,646	11,758	11,289
							58	36	91 732	2 075,786	24 018,925	11,571	11,102
							59	37	90 980	1 928,591	21 943,138	11,378	10,909
							60	38	90 144	1 790,039	20 014,548	11,181	10,712
							61	39	89 233	1 659,910	18 224,508	10,979	10,510
							62	40	88 230	1 537,479	16 564,598	10,774	10,305
							63	41	87 138	1 422,432	15 027,120	10,564	10,095
							64	42	85 946	1 314,263	13 604,688	10,352	9,882
							65	43	84 663	1 212,780	12 290,424	10,134	9,665
							66	44	83 289	1 117,651	11 077,644	9,912	9,442
							67	45	81 812	1 028,417	9 959,994	9,685	9,216
							68	46	80 246	944,953	8 931,577	9,452	8,983
							69	47	78 577	866,790	7 986,624	9,214	8,745
							70	48	76 821	793,829	7 119,834	8,969	8,500
							71	49	74 978	725,791	6 326,005	8,716	8,247
	0	99 289	23 594,224	357 475,569	15,151	14,682	72	50	72 985	661,827	5 600,214	8,462	7,993
	1	98 960	22 029,161	333 881,346	15,156	14,687	73	51	70 935	602,570	4 938,387	8,196	7,726
	2	98 896	20 622,957	311 852,185	15,122	14,652	74	52	68 747	547,056	4 335,817	7,926	7,457
	3	98 838	19 307,543	291 229,227	15,084	14,615	75	53	66 457	495,390	3 788,761	7,648	7,179
	4	98 785	18 076,900	271 921,684	15,042	14,573	76	54	64 022	447,066	3 293,371	7,367	6,898
	5	98 732	16 924,844	253 844,784	14,998	14,529	77	55	61 455	402,004	2 846,305	7,080	6,611
	6	98 681	15 846,448	236 919,940	14,951	14,482	78	56	58 797	360,297	2 444,302	6,784	6,315
	7	98 628	14 836,498	221 073,492	14,901	14,432	79	57	55 978	321,331	2 084,004	6,486	6,016
	8	98 575	13 890,841	206 236,994	14,847	14,378	80	58	53 008	285,046	1 762,673	6,184	5,715
	9	98 515	13 004,688	192 346,153	14,791	14,321	81	59	49 843	251,074	1 477,627	5,885	5,416
	10	98 454	12 174,742	179 341,465	14,731	14,261	82	60	46 526	219,546	1 226,554	5,587	5,118
	11	98 388	11 397,310	167 166,723	14,667	14,198	83	61	43 075	190,409	1 007,007	5,289	4,820
	12	98 312	10 668,331	155 769,413	14,601	14,132	84	62	39 450	163,361	816,598	4,999	4,530
	13	98 236	9 986,098	145 101,082	14,530	14,061	85	63	35 696	138,470	653,237	4,718	4,248
	14	98 154	9 346,857	135 114,984	14,456	13,987	86	64	31 842	115,707	514,768	4,449	3,980
	15	98 059	8 747,299	125 768,127	14,378	13,909	87	65	27 982	95,251	399,060	4,190	3,720
	16	97 949	8 185,069	117 020,828	14,297	13,828	88	66	24 176	77,092	303,810	3,941	3,472
	17	97 837	7 658,742	108 835,759	14,211	13,742	89	67	20 448	61,081	226,718	3,712	3,243
	18	97 712	7 165,253	101 177,017	14,121	13,651	90	68	16 910	47,320	165,637	3,500	3,031
	19	97 575	6 702,786	94 011,764	14,026	13,557	91	69	13 668	35,829	118,317	3,302	2,833
	20	97 417	6 268,816	87 308,978	13,928	13,458	92	70	10 799	26,518	82,488	3,111	2,641
	21	97 264	5 863,161	81 040,162	13,822	13,353	93	71	8 276	19,037	55,970	2,940	2,471
	22	97 092	5 482,732	75 177,001	13,712	13,242	94	72	6 162	13,279	36,933	2,781	2,312
	23	96 908	5 126,284	69 694,269	13,595	13,126	95	73	4 432	8,946	23,654	2,644	2,175
	24	96 710	4 792,330	64 567,985	13,473	13,004	96	74	3 090	5,843	14,708	2,517	2,048
	25	96 494	4 479,306	59 775,655	13,345	12,876	97	75	2 079	3,683	8,866	2,407	1,938
	26	96 251	4 185,474	55 296,348	13,211	12,742	98	76	1 359	2,255	5,182	2,298	1,828
	27	95 981	3 909,832	51 110,874	13,072	12,603	99	77	861	1,339	2,927	2,186	1,717
							100	78	521	0,758	1,588	2,095	1,626

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	3 651,850	47 240,851	12,936	12,467
1							51	28	95 371	3 409,229	43 589,001	12,786	12,316
2							52	29	95 008	3 181,473	40 179,772	12,629	12,160
3							53	30	94 605	2 967,661	36 998,300	12,467	11,998
4							54	31	94 151	2 766,679	34 030,639	12,300	11,831
5							55	32	93 649	2 577,926	31 263,960	12,128	11,658
6							56	33	93 085	2 400,379	28 686,034	11,951	11,481
7							57	34	92 463	2 233,574	26 285,655	11,768	11,299
8							58	35	91 775	2 076,756	24 052,081	11,582	11,112
9							59	36	91 023	1 929,511	21 975,325	11,389	10,920
10							60	37	90 189	1 790,943	20 045,814	11,193	10,724
11							61	38	89 282	1 660,831	18 254,871	10,991	10,522
12							62	39	88 288	1 538,480	16 594,040	10,786	10,317
13							63	40	87 193	1 423,333	15 055,561	10,578	10,109
14							64	41	86 009	1 315,227	13 632,228	10,365	9,896
15							65	42	84 732	1 213,759	12 317,001	10,148	9,679
16							66	43	83 363	1 118,652	11 103,241	9,926	9,456
17							67	44	81 890	1 029,391	9 984,589	9,700	9,230
18							68	45	80 333	945,970	8 955,198	9,467	8,998
19							69	46	78 671	867,817	8 009,228	9,229	8,760
20							70	47	76 921	794,862	7 141,410	8,984	8,515
21							71	48	75 092	726,894	6 346,548	8,731	8,262
22							72	49	73 108	662,943	5 619,654	8,477	8,008
23	0	99 247	22 093,051	334 014,324	15,119	14,649	73	50	71 066	603,683	4 956,711	8,211	7,742
24	1	98 918	20 627,545	311 921,273	15,122	14,652	74	51	68 890	548,195	4 353,028	7,941	7,472
25	2	98 851	19 310,080	291 293,728	15,085	14,616	75	52	66 603	496,484	3 804,833	7,664	7,194
26	3	98 794	18 078,703	271 983,647	15,044	14,575	76	53	64 181	448,176	3 308,349	7,382	6,913
27	4	98 741	16 926,402	253 904,945	15,001	14,531	77	54	61 625	403,114	2 860,172	7,095	6,626
28	5	98 688	15 847,524	236 978,542	14,954	14,485	78	55	58 981	361,422	2 457,058	6,798	6,329
29	6	98 635	14 837,582	221 131,018	14,903	14,434	79	56	56 168	322,421	2 095,636	6,500	6,031
30	7	98 579	13 891,502	206 293,436	14,850	14,381	80	57	53 208	286,121	1 773,215	6,197	5,728
31	8	98 523	13 005,625	192 401,934	14,794	14,325	81	58	50 051	252,126	1 487,094	5,898	5,429
32	9	98 459	12 175,389	179 396,309	14,734	14,265	82	59	46 742	220,568	1 234,968	5,599	5,130
33	10	98 394	11 397,943	167 220,919	14,671	14,202	83	60	43 297	191,391	1 014,400	5,300	4,831
34	11	98 319	10 669,151	155 822,976	14,605	14,136	84	61	39 672	164,278	823,009	5,010	4,541
35	12	98 242	9 986,729	145 153,825	14,535	14,066	85	62	35 916	139,323	658,731	4,728	4,259
36	13	98 162	9 347,596	135 167,095	14,460	13,991	86	63	32 059	116,495	519,408	4,459	3,990
37	14	98 068	8 748,106	125 819,499	14,382	13,913	87	64	28 191	95,962	402,913	4,199	3,730
38	15	97 961	8 186,017	117 071,393	14,301	13,832	88	65	24 371	77,715	306,952	3,950	3,481
39	16	97 850	7 659,722	108 885,376	14,215	13,746	89	66	20 628	61,621	229,237	3,720	3,251
40	17	97 724	7 166,182	101 225,655	14,125	13,656	90	67	17 070	47,767	167,617	3,509	3,040
41	18	97 591	6 703,874	94 059,473	14,031	13,561	91	68	13 809	36,199	119,850	3,311	2,842
42	19	97 433	6 269,847	87 355,599	13,933	13,464	92	69	10 925	26,828	83,651	3,118	2,649
43	20	97 280	5 864,120	81 085,752	13,827	13,358	93	70	8 381	19,278	56,823	2,947	2,478
44	21	97 109	5 483,663	75 221,632	13,717	13,248	94	71	6 249	13,465	37,545	2,788	2,319
45	22	96 924	5 127,144	69 737,968	13,602	13,133	95	72	4 499	9,082	24,080	2,651	2,182
46	23	96 725	4 793,114	64 610,825	13,480	13,011	96	73	3 142	5,942	14,998	2,524	2,055
47	24	96 510	4 480,042	59 817,710	13,352	12,883	97	74	2 118	3,752	9,056	2,414	1,945
48	25	96 269	4 186,288	55 337,668	13,219	12,750	98	75	1 387	2,302	5,304	2,304	1,835
49	26	95 998	3 910,529	51 151,380	13,080	12,611	99	76	881	1,369	3,002	2,193	1,724
							100	77	533	0,777	1,633	2,103	1,634

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	3 652,501	47 277,058	12,944	12,475
1							51	27	95 391	3 409,944	43 624,557	12,793	12,324
2							52	28	95 030	3 182,230	40 214,613	12,637	12,168
3							53	29	94 628	2 968,393	37 032,383	12,476	12,006
4							54	30	94 178	2 767,461	34 063,990	12,309	11,840
5							55	31	93 679	2 578,756	31 296,529	12,136	11,667
6							56	32	93 117	2 401,186	28 717,773	11,960	11,491
7							57	33	92 496	2 234,357	26 316,587	11,778	11,309
8							58	34	91 810	2 077,549	24 082,230	11,592	11,123
9							59	35	91 066	1 930,412	22 004,681	11,399	10,930
10							60	36	90 232	1 791,798	20 074,269	11,203	10,734
11							61	37	89 328	1 661,670	18 282,471	11,002	10,533
12							62	38	88 337	1 539,333	16 620,802	10,797	10,328
13							63	39	87 250	1 424,260	15 081,469	10,589	10,120
14							64	40	86 064	1 316,060	13 657,209	10,377	9,908
15							65	41	84 794	1 214,650	12 341,149	10,160	9,691
16							66	42	83 431	1 119,556	11 126,499	9,938	9,469
17							67	43	81 963	1 030,314	10 006,943	9,713	9,243
18							68	44	80 409	946,866	8 976,630	9,480	9,011
19							69	45	78 755	868,752	8 029,764	9,243	8,774
20							70	46	77 012	795,805	7 161,012	8,998	8,529
21							71	47	75 189	727,840	6 365,207	8,745	8,276
22							72	48	73 219	663,950	5 637,368	8,491	8,022
23							73	49	71 186	604,701	4 973,417	8,225	7,755
24	0	99 205	20 687,370	312 044,056	15,084	14,615	74	50	69 018	549,207	4 368,716	7,955	7,485
25	1	98 873	19 314,376	291 356,686	15,085	14,616	75	51	66 742	497,517	3 819,509	7,677	7,208
26	2	98 807	18 081,079	272 042,310	15,046	14,577	76	52	64 323	449,167	3 321,991	7,396	6,927
27	3	98 751	16 928,090	253 961,231	15,002	14,533	77	53	61 778	404,116	2 872,824	7,109	6,640
28	4	98 697	15 848,983	237 033,141	14,956	14,487	78	54	59 144	362,420	2 468,709	6,812	6,343
29	5	98 642	14 838,590	221 184,158	14,906	14,437	79	55	56 343	323,428	2 106,288	6,512	6,043
30	6	98 586	13 892,517	206 345,568	14,853	14,384	80	56	53 389	287,091	1 782,860	6,210	5,741
31	7	98 527	13 006,245	192 453,051	14,797	14,328	81	57	50 240	253,077	1 495,769	5,910	5,441
32	8	98 466	12 176,267	179 446,806	14,737	14,268	82	58	46 938	221,493	1 242,692	5,611	5,141
33	9	98 399	11 398,549	167 270,540	14,675	14,206	83	59	43 498	192,282	1 021,200	5,311	4,842
34	10	98 325	10 669,745	155 871,990	14,609	14,140	84	60	39 876	165,125	828,918	5,020	4,551
35	11	98 250	9 987,498	145 202,246	14,538	14,069	85	61	36 118	140,105	663,793	4,738	4,269
36	12	98 168	9 348,187	135 214,748	14,464	13,995	86	62	32 256	117,212	523,688	4,468	3,999
37	13	98 075	8 748,797	125 866,561	14,387	13,918	87	63	28 382	96,615	406,475	4,207	3,738
38	14	97 970	8 186,772	117 117,764	14,306	13,837	88	64	24 553	78,295	309,860	3,958	3,488
39	15	97 861	7 660,608	108 930,992	14,220	13,750	89	65	20 795	62,118	231,566	3,728	3,259
40	16	97 737	7 167,098	101 270,383	14,130	13,661	90	66	17 221	48,189	169,447	3,516	3,047
41	17	97 603	6 704,743	94 103,285	14,035	13,566	91	67	13 940	36,541	121,259	3,318	2,849
42	18	97 449	6 270,865	87 398,542	13,937	13,468	92	68	11 038	27,105	84,718	3,126	2,656
43	19	97 296	5 865,084	81 127,677	13,832	13,363	93	69	8 479	19,504	57,613	2,954	2,485
44	20	97 124	5 484,561	75 262,593	13,723	13,254	94	70	6 328	13,636	38,110	2,795	2,326
45	21	96 940	5 128,015	69 778,032	13,607	13,138	95	71	4 562	9,209	24,474	2,658	2,188
46	22	96 742	4 793,919	64 650,017	13,486	13,017	96	72	3 190	6,033	15,265	2,530	2,061
47	23	96 526	4 480,775	59 856,099	13,358	12,889	97	73	2 154	3,816	9,232	2,420	1,951
48	24	96 285	4 186,976	55 375,323	13,226	12,756	98	74	1 413	2,344	5,417	2,311	1,841
49	25	96 017	3 911,289	51 188,348	13,087	12,618	99	75	899	1,397	3,072	2,199	1,730
							100	76	545	0,794	1,675	2,109	1,640

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	3 653,211	47 310,099	12,950	12,481
1							51	26	95 408	3 410,552	43 656,888	12,801	12,331
2							52	27	95 050	3 182,898	40 246,336	12,645	12,175
3							53	28	94 650	2 969,100	37 063,438	12,483	12,014
4							54	29	94 201	2 768,144	34 094,339	12,317	11,848
5							55	30	93 706	2 579,486	31 326,194	12,144	11,675
6							56	31	93 147	2 401,959	28 746,709	11,968	11,499
7							57	32	92 527	2 235,107	26 344,750	11,787	11,318
8							58	33	91 842	2 078,277	24 109,642	11,601	11,132
9							59	34	91 101	1 931,150	22 031,365	11,408	10,939
10							60	35	90 274	1 792,635	20 100,216	11,213	10,744
11							61	36	89 370	1 662,462	18 307,581	11,012	10,543
12							62	37	88 381	1 540,110	16 645,118	10,808	10,339
13							63	38	87 298	1 425,049	15 105,008	10,600	10,131
14							64	39	86 120	1 316,917	13 679,959	10,388	9,919
15							65	40	84 847	1 215,419	12 363,042	10,172	9,703
16							66	41	83 492	1 120,377	11 147,622	9,950	9,481
17							67	42	82 029	1 031,146	10 027,245	9,724	9,255
18							68	43	80 481	947,715	8 996,100	9,492	9,023
19							69	44	78 830	869,574	8 048,385	9,256	8,786
20							70	45	77 095	796,662	7 178,811	9,011	8,542
21							71	46	75 278	728,703	6 382,149	8,758	8,289
22							72	47	73 314	664,814	5 653,446	8,504	8,035
23							73	48	71 294	605,620	4 988,632	8,237	7,768
24							74	49	69 134	550,134	4 383,012	7,967	7,498
25	0	99 160	19 370,393	291 470,067	15,047	14,578	75	50	66 865	498,437	3 832,878	7,690	7,221
26	1	98 829	18 085,101	272 099,674	15,046	14,576	76	51	64 457	450,101	3 334,442	7,408	6,939
27	2	98 764	16 930,315	254 014,573	15,004	14,534	77	52	61 914	405,008	2 884,341	7,122	6,653
28	3	98 706	15 850,564	237 084,259	14,957	14,488	78	53	59 291	363,321	2 479,332	6,824	6,355
29	4	98 651	14 839,956	221 233,695	14,908	14,439	79	54	56 499	324,321	2 116,011	6,524	6,055
30	5	98 593	13 893,461	206 393,739	14,855	14,386	80	55	53 556	287,988	1 791,690	6,221	5,752
31	6	98 534	13 007,194	192 500,278	14,800	14,330	81	56	50 411	253,935	1 503,702	5,922	5,452
32	7	98 471	12 176,847	179 493,084	14,741	14,271	82	57	47 115	222,328	1 249,767	5,621	5,152
33	8	98 406	11 399,371	167 316,237	14,678	14,209	83	58	43 681	193,088	1 027,439	5,321	4,852
34	9	98 330	10 670,312	155 916,866	14,612	14,143	84	59	40 062	165,894	834,351	5,029	4,560
35	10	98 255	9 988,053	145 246,555	14,542	14,073	85	60	36 304	140,827	668,457	4,747	4,278
36	11	98 176	9 348,906	135 258,502	14,468	13,999	86	61	32 437	117,871	527,630	4,476	4,007
37	12	98 082	8 749,350	125 909,596	14,391	13,922	87	62	28 557	97,210	409,759	4,215	3,746
38	13	97 978	8 187,419	117 160,246	14,310	13,841	88	63	24 720	78,827	312,549	3,965	3,496
39	14	97 870	7 661,315	108 972,827	14,224	13,755	89	64	20 950	62,582	233,722	3,735	3,266
40	15	97 748	7 167,928	101 311,512	14,134	13,665	90	65	17 360	48,578	171,140	3,523	3,054
41	16	97 616	6 705,600	94 143,583	14,040	13,570	91	66	14 063	36,863	122,562	3,325	2,856
42	17	97 462	6 271,678	87 437,983	13,942	13,473	92	67	11 142	27,361	85,698	3,132	2,663
43	18	97 311	5 866,037	81 166,305	13,837	13,368	93	68	8 566	19,705	58,338	2,961	2,491
44	19	97 140	5 485,463	75 300,269	13,727	13,258	94	69	6 402	13,795	38,633	2,800	2,331
45	20	96 956	5 128,854	69 814,806	13,612	13,143	95	70	4 620	9,326	24,838	2,663	2,194
46	21	96 758	4 794,733	64 685,952	13,491	13,022	96	71	3 235	6,117	15,512	2,536	2,067
47	22	96 542	4 481,527	59 891,219	13,364	12,895	97	72	2 187	3,873	9,395	2,425	1,956
48	23	96 301	4 187,661	55 409,692	13,232	12,763	98	73	1 437	2,384	5,521	2,316	1,847
49	24	96 032	3 911,932	51 222,031	13,094	12,625	99	74	915	1,423	3,137	2,204	1,735
							100	75	557	0,811	1,714	2,115	1,646

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 500 469,627	15,005	14,535	50	50	94 198	3 197,828	38 529,214	12,049	11,579
1	1	99 373	92 872,144	1 400 469,627	15,080	14,610	51	51	93 723	2 973,528	35 331,386	11,882	11,412
2	2	99 327	86 756,120	1 307 597,482	15,072	14,603	52	52	93 193	2 763,305	32 357,859	11,710	11,240
3	3	99 301	81 059,048	1 220 841,362	15,061	14,592	53	53	92 616	2 566,538	29 594,554	11,531	11,061
4	4	99 279	75 739,587	1 139 782,315	15,049	14,579	54	54	91 970	2 381,888	27 028,016	11,347	10,878
5	5	99 259	70 770,069	1 064 042,727	15,035	14,566	55	55	91 257	2 208,814	24 646,128	11,158	10,689
6	6	99 243	66 129,747	993 272,658	15,020	14,551	56	56	90 456	2 046,184	22 437,314	10,965	10,496
7	7	99 227	61 793,425	927 142,911	15,004	14,534	57	57	89 579	1 893,784	20 391,130	10,767	10,298
8	8	99 212	57 742,502	865 349,486	14,986	14,517	58	58	88 612	1 750,778	18 497,346	10,565	10,096
9	9	99 198	53 956,956	807 606,984	14,968	14,498	59	59	87 560	1 616,827	16 746,568	10,358	9,888
10	10	99 184	50 420,334	753 650,027	14,947	14,478	60	60	86 397	1 490,980	15 129,741	10,148	9,678
11	11	99 172	47 115,679	703 229,693	14,926	14,456	61	61	85 133	1 373,051	13 638,761	9,933	9,464
12	12	99 157	44 026,916	656 114,014	14,903	14,433	62	62	83 760	1 262,539	12 265,710	9,715	9,246
13	13	99 142	41 140,407	612 087,098	14,878	14,408	63	63	82 269	1 158,937	11 003,171	9,494	9,025
14	14	99 125	38 442,367	570 946,691	14,852	14,383	64	64	80 655	1 061,860	9 844,234	9,271	8,801
15	15	99 104	35 919,694	532 504,324	14,825	14,355	65	65	78 926	971,118	8 782,374	9,044	8,574
16	16	99 077	33 560,704	496 584,630	14,797	14,327	66	66	77 091	886,492	7 811,256	8,811	8,342
17	17	99 041	31 353,963	463 023,926	14,768	14,298	67	67	75 132	807,445	6 924,764	8,576	8,107
18	18	99 002	29 291,158	431 669,964	14,737	14,268	68	68	73 083	734,044	6 117,319	8,334	7,864
19	19	98 948	27 359,905	402 378,806	14,707	14,237	69	69	70 917	665,687	5 383,275	8,087	7,617
20	20	98 892	25 555,485	375 018,901	14,675	14,205	70	70	68 620	601,989	4 717,588	7,837	7,367
21	21	98 835	23 869,868	349 463,416	14,640	14,171	71	71	66 234	543,039	4 115,599	7,579	7,109
22	22	98 778	22 295,479	325 593,548	14,604	14,134	72	72	63 690	488,021	3 572,560	7,321	6,851
23	23	98 720	20 824,666	303 298,069	14,564	14,095	73	73	61 089	437,468	3 084,539	7,051	6,581
24	24	98 662	19 450,945	282 473,403	14,522	14,053	74	74	58 335	390,416	2 647,071	6,780	6,311
25	25	98 601	18 167,142	263 022,458	14,478	14,008	75	75	55 488	347,066	2 256,655	6,502	6,033
26	26	98 538	16 967,838	244 855,316	14,431	13,961	76	76	52 510	306,952	1 909,589	6,221	5,752
27	27	98 477	15 847,980	227 887,478	14,380	13,910	77	77	49 424	270,013	1 602,636	5,935	5,466
28	28	98 412	14 801,430	212 039,498	14,326	13,856	78	78	46 298	236,391	1 332,624	5,637	5,168
29	29	98 343	13 823,423	197 238,069	14,268	13,799	79	79	43 025	205,304	1 096,233	5,340	4,870
30	30	98 271	12 909,527	183 414,646	14,208	13,738	80	80	39 636	176,762	890,929	5,040	4,571
31	31	98 191	12 055,197	170 505,119	14,144	13,674	81	81	36 105	150,482	714,167	4,746	4,276
32	32	98 103	11 256,451	158 449,922	14,076	13,607	82	82	32 491	126,559	563,685	4,454	3,984
33	33	98 010	10 510,089	147 193,471	14,005	13,535	83	83	28 815	104,897	437,126	4,167	3,698
34	34	97 907	9 812,189	136 683,382	13,930	13,460	84	84	25 074	85,307	332,229	3,895	3,425
35	35	97 801	9 160,327	126 871,194	13,850	13,381	85	85	21 372	67,954	246,922	3,634	3,164
36	36	97 682	8 550,595	117 710,867	13,766	13,297	86	86	17 779	52,833	178,968	3,387	2,918
37	37	97 549	7 980,346	109 160,272	13,679	13,209	87	87	14 398	39,987	126,135	3,154	2,685
38	38	97 402	7 447,065	101 179,926	13,587	13,117	88	88	11 298	29,323	86,148	2,938	2,468
39	39	97 249	6 948,950	93 732,861	13,489	13,019	89	89	8 548	20,734	56,825	2,741	2,271
40	40	97 074	6 482,626	86 783,911	13,387	12,918	90	90	6 217	14,093	36,091	2,561	2,091
41	41	96 892	6 047,200	80 301,285	13,279	12,810	91	91	4 330	9,173	21,998	2,398	1,928
42	42	96 681	5 639,254	74 254,084	13,167	12,698	92	92	2 887	5,716	12,824	2,244	1,774
43	43	96 466	5 258,629	68 614,831	13,048	12,579	93	93	1 819	3,366	7,108	2,112	1,642
44	44	96 226	4 902,374	63 356,202	12,924	12,454	94	94	1 086	1,878	3,742	1,993	1,523
45	45	95 968	4 569,388	58 453,828	12,792	12,323	95	95	611	0,987	1,864	1,888	1,418
46	46	95 685	4 257,846	53 884,440	12,655	12,186	96	96	323	0,488	0,877	1,797	1,327
47	47	95 375	3 966,384	49 626,594	12,512	12,042	97	97	160	0,225	0,389	1,726	1,256
48	48	95 029	3 693,453	45 660,210	12,362	11,893	98	98	75	0,099	0,163	1,650	1,181
49	49	94 635	3 437,543	41 966,757	12,208	11,739	99	99	33	0,041	0,064	1,577	1,107
							100	100	13	0,016	0,024	1,517	1,048

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	1 499 682,975	15,040	14,571	50	51	94 025	3 191,931	38 260,342	11,987	11,517
1	2	99 351	92 851,488	1 399 972,162	15,078	14,608	51	52	93 528	2 967,353	35 068,411	11,818	11,349
2	3	99 314	86 744,720	1 307 120,673	15,069	14,599	52	53	92 988	2 757,213	32 101,058	11,643	11,173
3	4	99 291	81 050,966	1 220 375,953	15,057	14,587	53	54	92 387	2 560,176	29 343,845	11,462	10,992
4	5	99 270	75 732,615	1 139 324,987	15,044	14,575	54	55	91 717	2 375,327	26 783,668	11,276	10,806
5	6	99 252	70 765,261	1 063 592,372	15,030	14,560	55	56	90 973	2 201,939	24 408,341	11,085	10,615
6	7	99 236	66 124,919	992 827,111	15,014	14,545	56	57	90 150	2 039,265	22 206,402	10,889	10,420
7	8	99 222	61 790,482	926 702,192	14,997	14,528	57	58	89 242	1 886,670	20 167,137	10,689	10,220
8	9	99 205	57 738,340	864 911,710	14,980	14,511	58	59	88 242	1 743,471	18 280,466	10,485	10,016
9	10	99 192	53 954,088	807 173,370	14,960	14,491	59	60	87 154	1 609,334	16 536,995	10,276	9,806
10	11	99 179	50 417,531	753 219,282	14,940	14,470	60	61	85 954	1 483,336	14 927,662	10,064	9,594
11	12	99 164	47 112,056	702 801,750	14,918	14,448	61	62	84 657	1 365,381	13 444,325	9,847	9,377
12	13	99 151	44 024,133	655 689,695	14,894	14,424	62	63	83 248	1 254,810	12 078,945	9,626	9,157
13	14	99 134	41 137,156	611 665,561	14,869	14,399	63	64	81 713	1 151,102	10 824,134	9,403	8,934
14	15	99 116	38 438,821	570 528,406	14,843	14,373	64	65	80 057	1 053,993	9 673,032	9,178	8,708
15	16	99 092	35 915,535	532 089,585	14,815	14,346	65	66	78 293	963,336	8 619,040	8,947	8,478
16	17	99 064	33 556,413	496 174,050	14,786	14,317	66	67	76 416	878,728	7 655,704	8,712	8,243
17	18	99 029	31 349,898	462 617,636	14,757	14,287	67	68	74 429	799,889	6 776,976	8,472	8,003
18	19	98 986	29 286,403	431 267,738	14,726	14,256	68	69	72 338	726,554	5 977,087	8,227	7,757
19	20	98 932	27 355,408	401 981,336	14,695	14,225	69	70	70 098	658,001	5 250,533	7,980	7,510
20	21	98 875	25 551,302	374 625,928	14,662	14,192	70	71	67 759	594,433	4 592,532	7,726	7,256
21	22	98 818	23 865,815	349 074,625	14,627	14,157	71	72	65 319	535,537	3 998,099	7,466	6,996
22	23	98 761	22 291,738	325 208,810	14,589	14,119	72	73	62 738	480,726	3 462,561	7,203	6,733
23	24	98 704	20 821,260	302 917,072	14,548	14,079	73	74	60 066	430,147	2 981,835	6,932	6,463
24	25	98 646	19 447,750	282 095,812	14,505	14,036	74	75	57 274	383,314	2 551,689	6,657	6,187
25	26	98 582	18 163,610	262 648,062	14,460	13,991	75	76	54 371	340,083	2 168,375	6,376	5,907
26	27	98 521	16 964,814	244 484,453	14,411	13,942	76	77	51 346	300,154	1 828,292	6,091	5,622
27	28	98 457	15 844,656	227 519,639	14,359	13,890	77	78	48 241	263,549	1 528,138	5,798	5,329
28	29	98 389	14 797,907	211 674,983	14,304	13,835	78	79	45 039	229,959	1 264,589	5,499	5,030
29	30	98 319	13 820,012	196 877,076	14,246	13,776	79	80	41 699	198,979	1 034,630	5,200	4,730
30	31	98 243	12 905,876	183 057,064	14,184	13,714	80	81	38 238	170,529	835,651	4,900	4,431
31	32	98 159	12 051,315	170 151,188	14,119	13,649	81	82	34 646	144,400	665,122	4,606	4,137
32	33	98 070	11 252,669	158 099,873	14,050	13,580	82	83	30 964	120,611	520,722	4,317	3,848
33	34	97 976	10 506,408	146 847,203	13,977	13,507	83	84	27 224	99,107	400,112	4,037	3,568
34	35	97 870	9 808,443	136 340,795	13,900	13,431	84	85	23 474	79,865	301,004	3,769	3,299
35	36	97 755	9 156,049	126 532,353	13,820	13,350	85	86	19 797	62,946	221,139	3,513	3,044
36	37	97 635	8 546,518	117 376,303	13,734	13,264	86	87	16 263	48,328	158,193	3,273	2,804
37	38	97 499	7 976,316	108 829,786	13,644	13,175	87	88	12 971	36,024	109,865	3,050	2,580
38	39	97 348	7 442,939	100 853,469	13,550	13,081	88	89	10 018	26,001	73,841	2,840	2,370
39	40	97 186	6 944,428	93 410,531	13,451	12,982	89	90	7 447	18,064	47,840	2,648	2,179
40	41	97 012	6 478,522	86 466,102	13,347	12,877	90	91	5 302	12,020	29,777	2,477	2,008
41	42	96 821	6 042,768	79 987,580	13,237	12,767	91	92	3 611	7,651	17,757	2,321	1,851
42	43	96 603	5 634,704	73 944,812	13,123	12,654	92	93	2 344	4,641	10,106	2,177	1,708
43	44	96 380	5 253,919	68 310,109	13,002	12,532	93	94	1 438	2,661	5,464	2,053	1,584
44	45	96 135	4 897,737	63 056,190	12,875	12,405	94	95	837	1,447	2,803	1,937	1,467
45	46	95 865	4 564,473	58 158,453	12,742	12,272	95	96	456	0,736	1,356	1,841	1,372
46	47	95 572	4 252,804	53 593,980	12,602	12,133	96	97	233	0,352	0,619	1,762	1,292
47	48	95 251	3 961,231	49 341,176	12,456	11,987	97	98	113	0,159	0,268	1,686	1,216
48	49	94 884	3 687,849	45 379,946	12,305	11,836	98	99	51	0,067	0,109	1,615	1,145
49	50	94 476	3 431,754	41 692,096	12,149	11,679	99	100	22	0,027	0,041	1,546	1,076

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	1 499 140,130	15,038	14,569	50	52	93 830	3 185,303	37 968,651	11,920	11,450
1	3	99 338	92 839,287	1 399 451,494	15,074	14,604	51	53	93 322	2 960,812	34 783,348	11,748	11,278
2	4	99 304	86 736,072	1 306 612,207	15,064	14,595	52	54	92 757	2 750,379	31 822,536	11,570	11,101
3	5	99 282	81 043,505	1 219 876,136	15,052	14,583	53	55	92 132	2 553,125	29 072,157	11,387	10,917
4	6	99 263	75 727,470	1 138 832,630	15,039	14,569	54	56	91 431	2 367,934	26 519,032	11,199	10,730
5	7	99 245	70 760,094	1 063 105,161	15,024	14,555	55	57	90 665	2 194,493	24 151,098	11,005	10,536
6	8	99 231	66 121,769	992 345,067	15,008	14,538	56	58	89 811	2 031,605	21 956,604	10,808	10,338
7	9	99 215	61 786,029	926 223,297	14,991	14,521	57	59	88 870	1 878,796	19 924,999	10,605	10,136
8	10	99 200	57 735,272	864 437,268	14,972	14,503	58	60	87 833	1 735,391	18 046,203	10,399	9,929
9	11	99 187	53 951,089	806 701,997	14,952	14,483	59	61	86 708	1 601,083	16 310,812	10,187	9,718
10	12	99 171	50 413,654	752 750,908	14,931	14,462	60	62	85 474	1 475,050	14 709,729	9,972	9,503
11	13	99 158	47 109,078	702 337,254	14,909	14,439	61	63	84 139	1 357,022	13 234,679	9,753	9,283
12	14	99 143	44 020,654	655 228,176	14,885	14,415	62	64	82 685	1 246,328	11 877,657	9,530	9,061
13	15	99 125	41 133,361	611 207,522	14,859	14,390	63	65	81 108	1 142,574	10 631,330	9,305	8,835
14	16	99 104	38 434,371	570 074,161	14,832	14,363	64	66	79 415	1 045,546	9 488,756	9,075	8,606
15	17	99 079	35 910,944	531 639,791	14,804	14,335	65	67	77 607	954,899	8 443,210	8,842	8,372
16	18	99 051	33 552,063	495 728,847	14,775	14,305	66	68	75 701	870,505	7 488,311	8,602	8,133
17	19	99 012	31 344,809	462 176,784	14,745	14,275	67	69	73 670	791,727	6 617,805	8,359	7,889
18	20	98 970	29 281,589	430 831,975	14,713	14,244	68	70	71 502	718,165	5 826,078	8,112	7,643
19	21	98 915	27 350,930	401 550,386	14,681	14,212	69	71	69 218	649,742	5 107,914	7,861	7,392
20	22	98 859	25 546,964	374 199,456	14,648	14,178	70	72	66 823	586,221	4 458,172	7,605	7,135
21	23	98 801	23 861,811	348 652,492	14,611	14,142	71	73	64 342	527,532	3 871,950	7,340	6,870
22	24	98 745	22 288,092	324 790,681	14,572	14,103	72	74	61 688	472,680	3 344,418	7,075	6,606
23	25	98 688	20 817,840	302 502,589	14,531	14,061	73	75	58 974	422,321	2 871,738	6,800	6,330
24	26	98 627	19 443,969	281 684,749	14,487	14,017	74	76	56 121	375,601	2 449,417	6,521	6,052
25	27	98 564	18 160,372	262 240,780	14,440	13,971	75	77	53 167	332,551	2 073,815	6,236	5,767
26	28	98 500	16 961,256	244 080,408	14,390	13,921	76	78	50 117	292,969	1 741,264	5,944	5,474
27	29	98 433	15 840,885	227 119,152	14,338	13,868	77	79	46 928	256,379	1 448,296	5,649	5,180
28	30	98 365	14 794,255	211 278,268	14,281	13,812	78	80	43 651	222,875	1 191,917	5,348	4,878
29	31	98 291	13 816,104	196 484,012	14,221	13,752	79	81	40 229	191,963	969,043	5,048	4,579
30	32	98 211	12 901,721	182 667,909	14,158	13,689	80	82	36 693	163,637	777,080	4,749	4,279
31	33	98 126	12 047,267	169 766,188	14,092	13,622	81	83	33 018	137,613	613,443	4,458	3,988
32	34	98 036	11 248,728	157 718,921	14,021	13,552	82	84	29 255	113,953	475,830	4,176	3,706
33	35	97 938	10 502,397	146 470,193	13,946	13,477	83	85	25 488	92,786	361,877	3,900	3,431
34	36	97 824	9 803,863	135 967,796	13,869	13,399	84	86	21 744	73,980	269,091	3,637	3,168
35	37	97 709	9 151,683	126 163,933	13,786	13,316	85	87	18 108	57,578	195,112	3,389	2,919
36	38	97 586	8 542,202	117 012,250	13,698	13,229	86	88	14 651	43,539	137,534	3,159	2,689
37	39	97 445	7 971,897	108 470,048	13,607	13,137	87	89	11 502	31,943	93,995	2,943	2,473
38	40	97 285	7 438,096	100 498,151	13,511	13,042	88	90	8 727	22,652	62,053	2,739	2,270
39	41	97 124	6 940,032	93 060,055	13,409	12,940	89	91	6 351	15,406	39,401	2,557	2,088
40	42	96 941	6 473,774	86 120,023	13,303	12,833	90	92	4 422	10,025	23,995	2,393	1,924
41	43	96 743	6 037,892	79 646,250	13,191	12,722	91	93	2 933	6,213	13,969	2,248	1,779
42	44	96 516	5 629,657	73 608,357	13,075	12,606	92	94	1 853	3,669	7,756	2,114	1,644
43	45	96 289	5 248,949	67 978,701	12,951	12,481	93	95	1 108	2,051	4,087	1,993	1,523
44	46	96 032	4 892,469	62 729,751	12,822	12,352	94	96	624	1,079	2,036	1,887	1,417
45	47	95 752	4 559,068	57 837,283	12,686	12,217	95	97	328	0,531	0,957	1,803	1,334
46	48	95 447	4 247,278	53 278,215	12,544	12,075	96	98	164	0,248	0,426	1,719	1,249
47	49	95 106	3 955,221	49 030,937	12,397	11,927	97	99	77	0,108	0,178	1,647	1,178
48	50	94 725	3 681,639	45 075,716	12,243	11,774	98	100	34	0,044	0,070	1,581	1,112
49	51	94 302	3 425,426	41 394,077	12,084	11,615							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	1 498 571,991	15,035	14,565	50	53	93 623	3 178,281	37 652,843	11,847	11,377
1	4	99 328	92 830,031	1 398 896,454	15,069	14,600	51	54	93 091	2 953,473	34 474,561	11,673	11,203
2	5	99 295	86 728,087	1 306 066,423	15,059	14,590	52	55	92 502	2 742,804	31 521,088	11,492	11,023
3	6	99 275	81 037,999	1 219 338,336	15,047	14,577	53	56	91 846	2 545,179	28 778,284	11,307	10,837
4	7	99 256	75 721,940	1 138 300,337	15,033	14,563	54	57	91 122	2 359,927	26 233,105	11,116	10,647
5	8	99 240	70 756,724	1 062 578,397	15,017	14,548	55	58	90 325	2 186,250	23 873,178	10,920	10,450
6	9	99 224	66 117,004	991 821,673	15,001	14,531	56	59	89 436	2 023,126	21 686,928	10,720	10,250
7	10	99 210	61 782,745	925 704,669	14,983	14,514	57	60	88 458	1 870,089	19 663,802	10,515	10,045
8	11	99 194	57 732,062	863 921,924	14,964	14,495	58	61	87 382	1 726,494	17 793,713	10,306	9,837
9	12	99 179	53 946,940	806 189,862	14,944	14,475	59	62	86 223	1 592,139	16 067,219	10,092	9,622
10	13	99 165	50 410,468	752 242,922	14,922	14,453	60	63	84 951	1 466,020	14 475,080	9,874	9,404
11	14	99 150	47 105,355	701 832,454	14,899	14,430	61	64	83 570	1 347,848	13 009,060	9,652	9,182
12	15	99 134	44 016,593	654 727,100	14,875	14,405	62	65	82 072	1 237,094	11 661,212	9,426	8,957
13	16	99 114	41 128,599	610 710,507	14,849	14,379	63	66	80 458	1 133,417	10 424,118	9,197	8,728
14	17	99 092	38 429,457	569 581,908	14,821	14,352	64	67	78 720	1 036,390	9 290,701	8,964	8,495
15	18	99 067	35 906,288	531 152,451	14,793	14,323	65	68	76 881	945,963	8 254,311	8,726	8,256
16	19	99 035	33 546,617	495 246,163	14,763	14,293	66	69	74 928	861,623	7 308,348	8,482	8,013
17	20	98 996	31 339,657	461 699,546	14,732	14,263	67	70	72 819	782,586	6 446,726	8,238	7,768
18	21	98 954	29 276,796	430 359,890	14,700	14,230	68	71	70 605	709,150	5 664,140	7,987	7,518
19	22	98 899	27 346,286	401 083,093	14,667	14,197	69	72	68 262	640,766	4 954,990	7,733	7,263
20	23	98 842	25 542,678	373 736,807	14,632	14,162	70	73	65 824	577,459	4 314,224	7,471	7,002
21	24	98 785	23 857,908	348 194,130	14,594	14,125	71	74	63 266	518,703	3 736,765	7,204	6,735
22	25	98 729	22 284,431	324 336,221	14,554	14,085	72	75	60 566	464,081	3 218,062	6,934	6,465
23	26	98 668	20 813,793	302 051,791	14,512	14,043	73	76	57 787	413,824	2 753,980	6,655	6,185
24	27	98 609	19 440,503	281 237,998	14,467	13,997	74	77	54 878	367,282	2 340,156	6,372	5,902
25	28	98 544	18 156,563	261 797,495	14,419	13,949	75	78	51 894	324,590	1 972,874	6,078	5,609
26	29	98 477	16 957,219	243 640,932	14,368	13,898	76	79	48 754	284,998	1 648,284	5,784	5,314
27	30	98 409	15 836,976	226 683,713	14,314	13,844	77	80	45 482	248,480	1 363,286	5,487	5,017
28	31	98 337	14 790,072	210 846,737	14,256	13,786	78	81	42 112	215,016	1 114,806	5,185	4,715
29	32	98 260	13 811,655	196 056,665	14,195	13,726	79	82	38 603	184,204	899,791	4,885	4,415
30	33	98 178	12 897,387	182 245,010	14,130	13,661	80	83	34 968	155,945	715,586	4,589	4,119
31	34	98 092	12 043,048	169 347,623	14,062	13,592	81	84	31 195	130,017	559,641	4,304	3,835
32	35	97 998	11 244,434	157 304,576	13,990	13,520	82	85	27 389	106,685	429,623	4,027	3,558
33	36	97 893	10 497,493	146 060,142	13,914	13,444	83	86	23 610	85,948	322,939	3,757	3,288
34	37	97 777	9 799,188	135 562,649	13,834	13,365	84	87	19 890	67,671	236,991	3,502	3,033
35	38	97 659	9 147,062	125 763,462	13,749	13,280	85	88	16 314	51,873	169,320	3,264	2,795
36	39	97 532	8 537,469	116 616,399	13,659	13,190	86	89	12 991	38,605	117,448	3,042	2,573
37	40	97 382	7 966,710	108 078,930	13,566	13,097	87	90	10 020	27,828	78,842	2,833	2,364
38	41	97 223	7 433,387	100 112,221	13,468	12,998	88	91	7 443	19,319	51,014	2,641	2,171
39	42	97 053	6 934,945	92 678,834	13,364	12,895	89	92	5 297	12,850	31,695	2,467	1,997
40	43	96 863	6 468,550	85 743,889	13,256	12,786	90	93	3 591	8,141	18,845	2,315	1,845
41	44	96 657	6 032,484	79 275,339	13,141	12,672	91	94	2 318	4,912	10,704	2,179	1,710
42	45	96 425	5 624,332	73 242,854	13,022	12,553	92	95	1 428	2,827	5,792	2,049	1,579
43	46	96 185	5 243,303	67 618,523	12,896	12,427	93	96	826	1,529	2,965	1,939	1,469
44	47	95 918	4 886,675	62 375,219	12,764	12,295	94	97	450	0,778	1,435	1,846	1,376
45	48	95 627	4 553,144	57 488,544	12,626	12,157	95	98	232	0,374	0,658	1,757	1,288
46	49	95 303	4 240,834	52 935,400	12,482	12,013	96	99	112	0,169	0,283	1,678	1,208
47	50	94 946	3 948,560	48 694,566	12,332	11,863	97	100	50	0,071	0,115	1,612	1,142
48	51	94 550	3 674,850	44 746,006	12,176	11,707							
49	52	94 106	3 418,313	41 071,156	12,015	11,546							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	1 497 966,618	15,030	14,560	50	54	93 391	3 170,404	37 311,200	11,769	11,299
1	5	99 319	92 821,486	1 398 301,019	15,064	14,595	51	55	92 834	2 945,338	34 140,797	11,591	11,122
2	6	99 288	86 722,195	1 305 479,533	15,054	14,584	52	56	92 214	2 734,267	31 195,458	11,409	10,940
3	7	99 268	81 032,082	1 218 757,338	15,040	14,571	53	57	91 535	2 536,572	28 461,191	11,220	10,751
4	8	99 251	75 718,334	1 137 725,256	15,026	14,556	54	58	90 780	2 351,063	25 924,619	11,027	10,557
5	9	99 233	70 751,624	1 062 006,923	15,010	14,541	55	59	89 948	2 177,126	23 573,557	10,828	10,358
6	10	99 219	66 113,490	991 255,298	14,993	14,524	56	60	89 022	2 013,750	21 396,431	10,625	10,156
7	11	99 204	61 779,310	925 141,808	14,975	14,505	57	61	88 005	1 860,501	19 382,681	10,418	9,948
8	12	99 187	57 727,622	863 362,498	14,956	14,486	58	62	86 894	1 716,849	17 522,180	10,216	9,736
9	13	99 173	53 943,531	805 634,876	14,935	14,465	59	63	85 695	1 582,392	15 805,330	9,988	9,519
10	14	99 157	50 406,483	751 691,345	14,913	14,443	60	64	84 376	1 456,110	14 222,938	9,768	9,298
11	15	99 141	47 101,009	701 284,862	14,889	14,419	61	65	82 951	1 337,862	12 766,829	9,543	9,073
12	16	99 122	44 011,497	654 183,853	14,864	14,394	62	66	81 415	1 227,180	11 428,966	9,313	8,844
13	17	99 101	41 123,341	610 172,356	14,838	14,368	63	67	79 753	1 123,491	10 201,786	9,080	8,611
14	18	99 079	38 424,475	569 049,015	14,810	14,340	64	68	77 983	1 026,691	9 078,295	8,842	8,373
15	19	99 050	35 900,459	530 624,540	14,780	14,311	65	69	76 097	936,311	8 051,604	8,599	8,130
16	20	99 019	33 541,103	494 724,081	14,750	14,280	66	70	74 063	851,674	7 115,294	8,354	7,885
17	21	98 980	31 334,527	461 182,978	14,718	14,249	67	71	71 905	772,763	6 263,619	8,105	7,636
18	22	98 937	29 271,825	429 848,451	14,685	14,215	68	72	69 630	699,354	5 490,857	7,851	7,382
19	23	98 882	27 341,698	400 576,626	14,651	14,181	69	73	67 242	631,188	4 791,503	7,591	7,122
20	24	98 826	25 538,500	373 234,928	14,615	14,145	70	74	64 723	567,794	4 160,315	7,327	6,858
21	25	98 769	23 853,989	347 696,428	14,576	14,107	71	75	62 115	509,267	3 592,521	7,054	6,585
22	26	98 710	22 280,099	323 842,439	14,535	14,066	72	76	59 347	454,744	3 083,254	6,780	6,311
23	27	98 651	20 810,083	301 562,340	14,491	14,022	73	77	56 507	404,658	2 628,509	6,496	6,026
24	28	98 589	19 436,426	280 752,258	14,445	13,975	74	78	53 564	358,490	2 223,851	6,203	5,734
25	29	98 520	18 152,242	261 315,832	14,396	13,926	75	79	50 482	315,759	1 865,361	5,908	5,438
26	30	98 452	16 953,035	243 163,590	14,343	13,874	76	80	47 252	276,217	1 549,602	5,610	5,141
27	31	98 381	15 832,497	226 210,555	14,288	13,818	77	81	43 879	239,718	1 273,385	5,312	4,842
28	32	98 305	14 785,309	210 378,058	14,229	13,759	78	82	40 410	206,326	1 033,667	5,010	4,540
29	33	98 227	13 807,015	195 592,749	14,166	13,697	79	83	36 788	175,546	827,341	4,713	4,243
30	34	98 144	12 892,870	181 785,733	14,100	13,630	80	84	33 038	147,338	651,795	4,424	3,954
31	35	98 055	12 038,450	168 892,864	14,029	13,560	81	85	29 205	121,724	504,457	4,144	3,675
32	36	97 953	11 239,183	156 854,414	13,956	13,487	82	86	25 370	98,823	382,733	3,873	3,403
33	37	97 846	10 492,487	145 615,231	13,878	13,409	83	87	21 596	78,618	283,910	3,611	3,142
34	38	97 728	9 794,240	135 122,744	13,796	13,327	84	88	17 919	60,965	205,292	3,367	2,898
35	39	97 605	9 141,994	125 328,504	13,709	13,240	85	89	14 466	45,995	144,327	3,138	2,668
36	40	97 468	8 531,914	116 186,510	13,618	13,148	86	90	11 318	33,633	98,332	2,924	2,454
37	41	97 320	7 961,666	107 654,596	13,522	13,052	87	91	8 546	23,734	64,699	2,726	2,256
38	42	97 152	7 427,938	99 692,930	13,421	12,952	88	92	6 208	16,114	40,965	2,542	2,073
39	43	96 975	6 929,350	92 264,992	13,315	12,846	89	93	4 302	10,435	24,851	2,382	1,912
40	44	96 776	6 462,756	85 335,642	13,204	12,735	90	94	2 839	6,436	14,417	2,240	1,770
41	45	96 565	6 026,779	78 872,886	13,087	12,618	91	95	1 786	3,785	7,981	2,109	1,639
42	46	96 321	5 618,282	72 846,107	12,966	12,496	92	96	1 065	2,108	4,196	1,990	1,520
43	47	96 071	5 237,094	67 227,825	12,837	12,367	93	97	596	1,102	2,087	1,894	1,424
44	48	95 793	4 880,326	61 990,731	12,702	12,233	94	98	317	0,548	0,985	1,796	1,327
45	49	95 482	4 546,236	57 110,406	12,562	12,093	95	99	158	0,255	0,437	1,714	1,244
46	50	95 142	4 233,692	52 564,169	12,416	11,946	96	100	73	0,111	0,182	1,640	1,170
47	51	94 771	3 941,279	48 330,477	12,263	11,793							
48	52	94 354	3 667,219	44 389,198	12,104	11,635							
49	53	93 898	3 410,778	40 721,978	11,939	11,470							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	1 497 317,597	15,025	14,555	50	55	93 133	3 161,672	36 942,424	11,684	11,215
1	6	99 312	92 815,179	1 397 661,172	15,059	14,589	51	56	92 545	2 936,171	33 780,753	11,505	11,036
2	7	99 281	86 715,863	1 304 845,993	15,047	14,578	52	57	91 902	2 725,021	30 844,581	11,319	10,850
3	8	99 263	81 028,222	1 218 130,130	15,033	14,564	53	58	91 191	2 527,044	28 119,560	11,127	10,658
4	9	99 244	75 712,877	1 137 101,908	15,019	14,549	54	59	90 401	2 341,250	25 592,516	10,931	10,462
5	10	99 228	70 747,864	1 061 389,031	15,002	14,533	55	60	89 531	2 167,036	23 251,266	10,730	10,260
6	11	99 213	66 109,815	990 641,167	14,985	14,515	56	61	88 566	2 003,426	21 084,230	10,524	10,055
7	12	99 196	61 774,559	924 531,352	14,966	14,497	57	62	87 513	1 850,108	19 080,805	10,313	9,844
8	13	99 181	57 723,974	862 756,793	14,946	14,477	58	63	86 362	1 706,339	17 230,696	10,098	9,629
9	14	99 165	53 939,267	805 032,820	14,925	14,455	59	64	85 116	1 571,695	15 524,357	9,877	9,408
10	15	99 148	50 401,833	751 093,553	14,902	14,433	60	65	83 751	1 445,322	13 952,663	9,654	9,184
11	16	99 129	47 095,556	700 691,719	14,878	14,409	61	66	82 286	1 327,141	12 507,341	9,424	8,955
12	17	99 110	44 005,870	653 596,163	14,852	14,383	62	67	80 702	1 216,433	11 180,200	9,191	8,721
13	18	99 088	41 118,009	609 590,292	14,825	14,356	63	68	79 007	1 112,978	9 963,767	8,952	8,483
14	19	99 063	38 418,238	568 472,283	14,797	14,327	64	69	77 188	1 016,215	8 850,790	8,710	8,240
15	20	99 034	35 894,559	530 054,046	14,767	14,297	65	70	75 218	925,500	7 834,575	8,465	7,996
16	21	99 003	33 535,613	494 159,487	14,735	14,266	66	71	73 134	840,984	6 909,075	8,215	7,746
17	22	98 963	31 329,207	460 623,874	14,703	14,233	67	72	70 912	762,087	6 068,091	7,962	7,493
18	23	98 920	29 266,914	429 294,668	14,668	14,199	68	73	68 589	688,900	5 306,004	7,702	7,233
19	24	98 866	27 337,226	400 027,754	14,633	14,164	69	74	66 116	620,624	4 617,104	7,439	6,970
20	25	98 810	25 534,305	372 690,528	14,596	14,126	70	75	63 545	557,465	3 996,480	7,169	6,700
21	26	98 750	23 849,351	347 156,223	14,556	14,087	71	76	60 865	499,021	3 439,015	6,892	6,422
22	27	98 692	22 276,127	323 306,872	14,514	14,044	72	77	58 033	444,672	2 939,994	6,612	6,142
23	28	98 630	20 805,718	301 030,744	14,469	13,999	73	78	55 155	394,972	2 495,322	6,318	5,848
24	29	98 565	19 431,800	280 225,027	14,421	13,951	74	79	52 107	348,737	2 100,350	6,023	5,553
25	30	98 496	18 147,763	260 793,227	14,371	13,901	75	80	48 927	306,031	1 751,614	5,724	5,254
26	31	98 424	16 948,241	242 645,464	14,317	13,847	76	81	45 586	266,477	1 445,583	5,425	4,955
27	32	98 349	15 827,399	225 697,223	14,260	13,790	77	82	42 105	230,030	1 179,106	5,126	4,656
28	33	98 272	14 780,343	209 869,824	14,199	13,730	78	83	38 511	196,628	949,076	4,827	4,357
29	34	98 192	13 802,180	195 089,481	14,135	13,665	79	84	34 758	165,857	752,448	4,537	4,067
30	35	98 106	12 887,947	181 287,302	14,066	13,597	80	85	30 931	137,939	586,591	4,253	3,783
31	36	98 009	12 032,829	168 399,354	13,995	13,525	81	86	27 053	112,754	448,651	3,979	3,510
32	37	97 906	11 233,824	156 366,526	13,919	13,450	82	87	23 207	90,395	335,898	3,716	3,246
33	38	97 797	10 487,189	145 132,702	13,839	13,370	83	88	19 456	70,828	245,503	3,466	2,997
34	39	97 674	9 788,813	134 645,513	13,755	13,286	84	89	15 889	54,057	174,675	3,231	2,762
35	40	97 542	9 136,046	124 856,700	13,666	13,197	85	90	12 602	40,071	120,618	3,010	2,541
36	41	97 406	8 526,512	115 720,655	13,572	13,102	86	91	9 653	28,685	80,547	2,808	2,338
37	42	97 249	7 955,830	107 194,142	13,474	13,004	87	92	7 128	19,796	51,862	2,620	2,150
38	43	97 074	7 421,945	99 238,312	13,371	12,901	88	93	5 041	13,085	32,066	2,451	1,981
39	44	96 888	6 923,143	91 816,367	13,262	12,793	89	94	3 401	8,249	18,981	2,301	1,831
40	45	96 685	6 456,644	84 893,224	13,148	12,679	90	95	2 188	4,959	10,732	2,164	1,695
41	46	96 461	6 020,296	78 436,580	13,029	12,559	91	96	1 332	2,822	5,773	2,045	1,576
42	47	96 207	5 611,629	72 416,285	12,905	12,435	92	97	767	1,520	2,950	1,942	1,472
43	48	95 946	5 230,289	66 804,656	12,773	12,303	93	98	420	0,777	1,431	1,841	1,371
44	49	95 648	4 872,922	61 574,367	12,636	12,167	94	99	216	0,374	0,653	1,750	1,280
45	50	95 321	4 538,580	56 701,445	12,493	12,024	95	100	104	0,167	0,280	1,673	1,203
46	51	94 967	4 225,886	52 162,865	12,344	11,874							
47	52	94 574	3 933,095	47 936,979	12,188	11,719							
48	53	94 146	3 659,135	44 003,884	12,026	11,556							
49	54	93 666	3 402,324	40 344,748	11,858	11,388							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	1 496 620,678	15,019	14,549	50	56	92 844	3 151,831	36 545,165	11,595	11,125
1	7	99 305	92 808,402	1 396 971,024	15,052	14,583	51	57	92 232	2 926,242	33 393,334	11,412	10,942
2	8	99 276	86 711,732	1 304 162,622	15,040	14,571	52	58	91 557	2 714,785	30 467,091	11,223	10,753
3	9	99 256	81 022,383	1 217 450,889	15,026	14,557	53	59	90 811	2 516,497	27 752,306	11,028	10,559
4	10	99 239	75 708,853	1 136 428,506	15,011	14,541	54	60	89 982	2 330,400	25 235,809	10,829	10,359
5	11	99 222	70 743,931	1 060 719,654	14,994	14,524	55	61	89 072	2 155,926	22 905,410	10,624	10,155
6	12	99 205	66 104,730	989 975,723	14,976	14,506	56	62	88 071	1 992,234	20 749,484	10,415	9,946
7	13	99 190	61 770,655	923 870,992	14,956	14,487	57	63	86 977	1 838,782	18 757,249	10,201	9,731
8	14	99 173	57 719,411	862 100,337	14,936	14,467	58	64	85 779	1 694,804	16 918,467	9,983	9,513
9	15	99 156	53 934,291	804 380,926	14,914	14,445	59	65	84 485	1 560,050	15 223,663	9,758	9,289
10	16	99 137	50 395,998	750 446,635	14,891	14,421	60	66	83 080	1 433,739	13 663,613	9,530	9,061
11	17	99 117	47 089,536	700 050,637	14,866	14,397	61	67	81 566	1 315,518	12 229,874	9,297	8,827
12	18	99 097	44 000,165	652 961,101	14,840	14,370	62	68	79 946	1 205,049	10 914,356	9,057	8,588
13	19	99 072	41 111,335	608 960,936	14,812	14,343	63	69	78 201	1 101,621	9 709,306	8,814	8,344
14	20	99 046	38 411,923	567 849,601	14,783	14,314	64	70	76 296	1 004,481	8 607,685	8,569	8,100
15	21	99 018	35 888,683	529 437,678	14,752	14,283	65	71	74 274	913,883	7 603,204	8,320	7,850
16	22	98 986	33 529,918	493 548,995	14,720	14,250	66	72	72 123	829,366	6 689,321	8,066	7,596
17	23	98 947	31 323,950	460 019,077	14,686	14,216	67	73	69 852	750,696	5 859,955	7,806	7,337
18	24	98 904	29 262,127	428 695,126	14,650	14,181	68	74	67 441	677,371	5 109,259	7,543	7,073
19	25	98 850	27 332,735	399 432,999	14,614	14,144	69	75	64 914	609,334	4 431,889	7,273	6,804
20	26	98 790	25 529,340	372 100,264	14,575	14,106	70	76	62 267	546,249	3 822,555	6,998	6,528
21	27	98 732	23 845,101	346 570,924	14,534	14,065	71	77	59 517	487,968	3 276,306	6,714	6,245
22	28	98 671	22 271,455	322 725,823	14,491	14,021	72	78	56 643	434,027	2 788,338	6,424	5,955
23	29	98 607	20 800,766	300 454,368	14,444	13,975	73	79	53 654	384,225	2 354,311	6,127	5,658
24	30	98 541	19 427,005	279 653,602	14,395	13,926	74	80	50 502	337,993	1 970,085	5,829	5,359
25	31	98 468	18 142,631	260 226,597	14,343	13,874	75	81	47 202	295,239	1 632,093	5,528	5,059
26	32	98 393	16 942,783	242 083,966	14,288	13,819	76	82	43 743	255,708	1 336,853	5,228	4,759
27	33	98 316	15 822,083	225 141,183	14,230	13,760	77	83	40 126	219,218	1 081,146	4,932	4,462
28	34	98 238	14 775,166	209 319,100	14,167	13,697	78	84	36 385	185,775	861,928	4,640	4,170
29	35	98 155	13 796,910	194 543,934	14,101	13,631	79	85	32 541	155,277	676,153	4,354	3,885
30	36	98 061	12 881,930	180 747,024	14,031	13,562	80	86	28 651	127,774	520,876	4,077	3,607
31	37	97 962	12 027,091	167 865,094	13,957	13,488	81	87	24 746	103,138	393,101	3,811	3,342
32	38	97 856	11 228,151	155 838,004	13,879	13,410	82	88	20 907	81,437	289,963	3,561	3,091
33	39	97 742	10 481,378	144 609,852	13,797	13,327	83	89	17 252	62,803	208,526	3,320	2,851
34	40	97 610	9 782,444	134 128,474	13,711	13,242	84	90	13 842	47,094	145,723	3,094	2,625
35	41	97 480	9 130,261	124 346,031	13,619	13,150	85	91	10 748	34,176	98,629	2,886	2,416
36	42	97 335	8 520,263	115 215,769	13,523	13,053	86	92	8 051	23,925	64,453	2,694	2,224
37	43	97 171	7 949,411	106 695,506	13,422	12,952	87	93	5 788	16,075	40,528	2,521	2,052
38	44	96 987	7 415,297	98 746,095	13,317	12,847	88	94	3 985	10,344	24,453	2,364	1,894
39	45	96 797	6 916,595	91 330,798	13,205	12,735	89	95	2 620	6,356	14,108	2,220	1,750
40	46	96 581	6 449,698	84 414,203	13,088	12,619	90	96	1 631	3,698	7,752	2,096	1,627
41	47	96 347	6 013,167	77 964,505	12,966	12,496	91	97	960	2,034	4,054	1,993	1,523
42	48	96 082	5 604,337	71 951,338	12,839	12,369	92	98	541	1,072	2,019	1,884	1,415
43	49	95 801	5 222,354	66 347,001	12,704	12,235	93	99	286	0,529	0,948	1,791	1,321
44	50	95 487	4 864,715	61 124,647	12,565	12,095	94	100	142	0,245	0,418	1,706	1,236
45	51	95 146	4 530,212	56 259,931	12,419	11,949							
46	52	94 770	4 217,111	51 729,720	12,267	11,797							
47	53	94 366	3 924,425	47 512,609	12,107	11,637							
48	54	93 912	3 650,066	43 588,184	11,942	11,472							
49	55	93 408	3 392,953	39 938,118	11,771	11,301							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	1 495 869,591	15,012	14,543	50	57	92 530	3 141,173	36 118,297	11,498	11,029
1	8	99 300	92 803,982	1 396 227,214	15,045	14,575	51	58	91 886	2 915,251	32 977,124	11,312	10,842
2	9	99 269	86 705,483	1 303 423,232	15,033	14,563	52	59	91 175	2 703,455	30 061,873	11,120	10,650
3	10	99 251	81 018,076	1 216 717,749	15,018	14,548	53	60	90 390	2 504,834	27 358,418	10,922	10,453
4	11	99 233	75 704,644	1 135 699,672	15,002	14,532	54	61	89 520	2 318,452	24 853,584	10,720	10,250
5	12	99 214	70 738,490	1 059 995,028	14,985	14,515	55	62	88 575	2 143,882	22 535,132	10,511	10,042
6	13	99 199	66 100,553	989 256,538	14,966	14,496	56	63	87 532	1 980,038	20 391,249	10,298	9,829
7	14	99 182	61 765,773	923 155,985	14,946	14,477	57	64	86 389	1 826,352	18 411,211	10,081	9,611
8	15	99 164	57 714,087	861 390,213	14,925	14,456	58	65	85 143	1 682,247	16 584,859	9,859	9,389
9	16	99 145	53 928,047	803 676,126	14,903	14,433	59	66	83 808	1 547,549	14 902,612	9,630	9,160
10	17	99 124	50 389,556	749 748,079	14,879	14,410	60	67	82 352	1 421,183	13 355,064	9,397	8,928
11	18	99 104	47 083,431	699 358,523	14,854	14,384	61	68	80 802	1 303,208	11 933,881	9,157	8,688
12	19	99 081	43 993,023	652 275,093	14,827	14,357	62	69	79 131	1 192,753	10 630,673	8,913	8,443
13	20	99 056	41 104,577	608 282,070	14,798	14,329	63	70	77 298	1 088,901	9 437,920	8,667	8,198
14	21	99 030	38 405,636	567 177,493	14,768	14,299	64	71	75 339	991,873	8 349,019	8,417	7,948
15	22	99 001	35 882,590	528 771,857	14,736	14,267	65	72	73 248	901,258	7 357,145	8,163	7,694
16	23	98 969	33 524,293	492 889,267	14,702	14,233	66	73	71 045	816,969	6 458,887	7,902	7,433
17	24	98 930	31 318,827	459 364,975	14,667	14,198	67	74	68 683	738,132	5 638,918	7,639	7,170
18	25	98 888	29 257,320	428 046,148	14,630	14,161	68	75	66 214	665,048	4 900,786	7,369	6,900
19	26	98 830	27 327,421	398 788,827	14,593	14,123	69	76	63 608	597,074	4 235,738	7,094	6,625
20	27	98 773	25 524,790	371 461,406	14,553	14,083	70	77	60 887	534,150	3 638,664	6,812	6,343
21	28	98 711	23 840,099	345 936,616	14,511	14,041	71	78	58 092	476,287	3 104,514	6,518	6,049
22	29	98 648	22 266,155	322 096,517	14,466	13,996	72	79	55 102	422,218	2 628,228	6,225	5,755
23	30	98 582	20 795,633	299 830,362	14,418	13,948	73	80	52 001	372,388	2 206,009	5,924	5,454
24	31	98 513	19 421,511	279 034,729	14,367	13,898	74	81	48 721	326,074	1 833,621	5,623	5,154
25	32	98 436	18 136,789	259 613,218	14,314	13,845	75	82	45 294	283,307	1 507,547	5,321	4,852
26	33	98 360	16 937,092	241 476,429	14,257	13,788	76	83	41 687	243,689	1 224,239	5,024	4,554
27	34	98 282	15 816,541	224 539,337	14,196	13,727	77	84	37 911	207,118	980,551	4,734	4,265
28	35	98 200	14 769,525	208 722,796	14,132	13,662	78	85	34 064	173,925	773,433	4,447	3,977
29	36	98 109	13 790,468	193 953,270	14,064	13,595	79	86	30 143	143,834	599,508	4,168	3,699
30	37	98 014	12 875,787	180 162,802	13,992	13,523	80	87	26 208	116,878	455,674	3,899	3,429
31	38	97 913	12 021,018	167 287,016	13,916	13,447	81	88	22 294	92,918	338,796	3,646	3,177
32	39	97 802	11 221,930	155 265,998	13,836	13,366	82	89	18 538	72,210	245,878	3,405	2,936
33	40	97 679	10 474,558	144 044,068	13,752	13,282	83	90	15 030	54,713	173,668	3,174	2,705
34	41	97 549	9 776,250	133 569,510	13,663	13,193	84	91	11 806	40,166	118,955	2,962	2,492
35	42	97 409	9 123,569	123 793,260	13,569	13,099	85	92	8 965	28,505	78,789	2,764	2,295
36	43	97 256	8 513,388	114 669,690	13,469	13,000	86	93	6 538	19,429	50,284	2,588	2,119
37	44	97 084	7 942,291	106 156,302	13,366	12,896	87	94	4 576	12,708	30,855	2,428	1,958
38	45	96 895	7 408,284	98 214,011	13,257	12,788	88	95	3 071	7,971	18,147	2,277	1,807
39	46	96 692	6 909,155	90 805,728	13,143	12,673	89	96	1 954	4,740	10,176	2,147	1,677
40	47	96 466	6 442,061	83 896,573	13,023	12,554	90	97	1 176	2,665	5,436	2,039	1,570
41	48	96 222	6 005,353	77 454,512	12,898	12,428	91	98	677	1,435	2,771	1,931	1,462
42	49	95 936	5 595,835	71 449,159	12,768	12,299	92	99	369	0,730	1,336	1,831	1,361
43	50	95 639	5 213,559	65 853,324	12,631	12,162	93	100	188	0,348	0,606	1,744	1,274
44	51	95 311	4 855,745	60 639,764	12,488	12,019							
45	52	94 948	4 520,805	55 784,019	12,339	11,870							
46	53	94 561	4 207,814	51 263,215	12,183	11,713							
47	54	94 132	3 914,698	47 055,400	12,020	11,551							
48	55	93 654	3 640,013	43 140,702	11,852	11,382							
49	56	93 117	3 382,393	39 500,690	11,678	11,209							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	1 495 060,794	15,005	14,535	50	58	92 182	3 129,374	35 660,348	11,395	10,926
1	9	99 293	92 797,294	1 395 423,162	15,037	14,568	51	59	91 502	2 903,084	32 530,974	11,206	10,736
2	10	99 264	86 700,875	1 302 625,869	15,024	14,555	52	60	90 752	2 690,926	29 627,890	11,010	10,541
3	11	99 245	81 013,572	1 215 924,994	15,009	14,539	53	61	89 926	2 491,993	26 936,964	10,809	10,340
4	12	99 226	75 698,822	1 134 911,421	14,992	14,523	54	62	89 020	2 305,501	24 444,972	10,603	10,133
5	13	99 208	70 734,020	1 059 212,599	14,975	14,505	55	63	88 032	2 130,758	22 139,471	10,390	9,921
6	14	99 191	66 095,328	988 478,580	14,955	14,486	56	64	86 940	1 966,653	20 008,713	10,174	9,704
7	15	99 173	61 760,075	922 383,251	14,935	14,465	57	65	85 749	1 812,821	18 042,061	9,952	9,483
8	16	99 152	57 707,405	860 623,177	14,914	14,444	58	66	84 461	1 668,766	16 229,240	9,725	9,256
9	17	99 132	53 921,153	802 915,772	14,891	14,421	59	67	83 074	1 533,995	14 560,474	9,492	9,022
10	18	99 111	50 383,023	748 994,619	14,866	14,396	60	68	81 582	1 407,883	13 026,478	9,253	8,783
11	19	99 088	47 075,788	698 611,596	14,840	14,371	61	69	79 978	1 289,910	11 618,595	9,007	8,538
12	20	99 064	43 985,792	651 535,808	14,812	14,343	62	70	78 217	1 178,981	10 328,685	8,761	8,291
13	21	99 039	41 097,849	607 550,017	14,783	14,313	63	71	76 327	1 075,234	9 149,704	8,510	8,040
14	22	99 013	38 399,115	566 452,167	14,752	14,282	64	72	74 298	978,171	8 074,470	8,255	7,785
15	23	98 985	35 876,569	528 053,053	14,719	14,249	65	73	72 153	887,786	7 096,299	7,993	7,524
16	24	98 953	33 518,810	492 176,484	14,684	14,214	66	74	69 856	803,296	6 208,513	7,729	7,259
17	25	98 914	31 313,682	458 657,674	14,647	14,178	67	75	67 433	724,704	5 405,217	7,459	6,989
18	26	98 869	29 251,632	427 343,992	14,609	14,140	68	76	64 882	651,667	4 680,513	7,182	6,713
19	27	98 813	27 322,551	398 092,360	14,570	14,101	69	77	62 199	583,850	4 028,846	6,900	6,431
20	28	98 752	25 519,436	370 769,809	14,529	14,059	70	78	59 430	521,363	3 444,996	6,608	6,138
21	29	98 688	23 834,425	345 250,373	14,485	14,016	71	79	56 512	463,328	2 923,633	6,310	5,841
22	30	98 624	22 260,660	321 415,947	14,439	13,969	72	80	53 405	409,211	2 460,305	6,012	5,543
23	31	98 554	20 789,753	299 155,287	14,390	13,920	73	81	50 167	359,257	2 051,094	5,709	5,240
24	32	98 481	19 415,257	278 365,534	14,337	13,868	74	82	46 752	312,896	1 691,837	5,407	4,938
25	33	98 403	18 130,696	258 950,277	14,282	13,813	75	83	43 165	269,991	1 378,941	5,107	4,638
26	34	98 325	16 931,160	240 819,581	14,223	13,754	76	84	39 386	230,238	1 108,950	4,817	4,347
27	35	98 244	15 810,503	223 888,420	14,161	13,691	77	85	35 493	193,906	878,712	4,532	4,062
28	36	98 154	14 762,629	208 077,918	14,095	13,625	78	86	31 554	161,108	684,805	4,251	3,781
29	37	98 062	13 783,892	193 315,289	14,025	13,555	79	87	27 572	131,568	523,698	3,980	3,511
30	38	97 964	12 869,285	179 531,397	13,950	13,481	80	88	23 611	105,296	392,129	3,724	3,255
31	39	97 858	12 014,357	166 662,112	13,872	13,402	81	89	19 768	82,390	286,833	3,481	3,012
32	40	97 739	11 214,628	154 647,755	13,790	13,320	82	90	16 150	62,909	204,444	3,250	2,780
33	41	97 617	10 467,927	143 433,127	13,702	13,233	83	91	12 818	46,664	141,535	3,033	2,564
34	42	97 477	9 769,085	132 965,200	13,611	13,141	84	92	9 847	33,501	94,871	2,832	2,362
35	43	97 330	9 116,208	123 196,116	13,514	13,044	85	93	7 280	23,148	61,369	2,651	2,182
36	44	97 169	8 505,763	114 079,907	13,412	12,943	86	94	5 169	15,359	38,222	2,489	2,019
37	45	96 992	7 934,779	105 574,145	13,305	12,836	87	95	3 526	9,792	22,863	2,335	1,865
38	46	96 791	7 400,315	97 639,366	13,194	12,724	88	96	2 290	5,944	13,070	2,199	1,729
39	47	96 578	6 900,973	90 239,051	13,076	12,607	89	97	1 408	3,416	7,126	2,086	1,616
40	48	96 341	6 433,690	83 338,078	12,953	12,484	90	98	829	1,880	3,710	1,974	1,504
41	49	96 076	5 996,242	76 904,388	12,825	12,356	91	99	461	0,977	1,830	1,873	1,404
42	50	95 775	5 586,411	70 908,146	12,693	12,223	92	100	242	0,479	0,853	1,780	1,311
43	51	95 463	5 203,946	65 321,734	12,552	12,083							
44	52	95 113	4 845,662	60 117,788	12,407	11,937							
45	53	94 739	4 510,839	55 272,126	12,253	11,784							
46	54	94 326	4 197,385	50 761,287	12,094	11,624							
47	55	93 872	3 903,916	46 563,902	11,927	11,458							
48	56	93 362	3 628,683	42 659,986	11,756	11,287							
49	57	92 802	3 370,955	39 031,303	11,579	11,109							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	1 494 187,271	14,997	14,528	50	59	91 797	3 116,313	35 170,135	11,286	10,816
1	10	99 288	92 792,362	1 394 556,820	15,029	14,559	51	60	91 078	2 889,629	32 053,821	11,093	10,623
2	11	99 258	86 696,055	1 301 764,459	15,015	14,546	52	61	90 287	2 677,130	29 164,192	10,894	10,424
3	12	99 237	81 007,342	1 215 068,404	14,999	14,530	53	62	89 424	2 478,072	26 487,062	10,689	10,219
4	13	99 219	75 694,038	1 134 061,062	14,982	14,513	54	63	88 475	2 291,387	24 008,990	10,478	10,008
5	14	99 200	70 728,429	1 058 367,024	14,964	14,494	55	64	87 437	2 116,353	21 717,603	10,262	9,792
6	15	99 182	66 089,231	987 638,595	14,944	14,475	56	65	86 296	1 952,082	19 601,250	10,041	9,572
7	16	99 162	61 752,925	921 549,364	14,923	14,454	57	66	85 062	1 798,293	17 649,168	9,814	9,345
8	17	99 139	57 700,028	859 796,439	14,901	14,432	58	67	83 721	1 654,152	15 808,875	9,582	9,113
9	18	99 119	53 914,162	802 096,411	14,877	14,408	59	68	82 297	1 519,640	14 196,723	9,342	8,873
10	19	99 095	50 374,844	748 182,250	14,852	14,383	60	69	80 749	1 393,517	12 677,083	9,097	8,628
11	20	99 071	47 068,050	697 807,405	14,826	14,356	61	70	79 054	1 275,016	11 283,565	8,850	8,380
12	21	99 048	43 978,592	650 739,355	14,797	14,327	62	71	77 235	1 164,183	10 008,549	8,597	8,128
13	22	99 023	41 090,871	606 760,763	14,766	14,297	63	72	75 273	1 060,380	8 844,366	8,341	7,871
14	23	98 997	38 392,672	565 669,892	14,734	14,264	64	73	73 187	963,549	7 783,986	8,078	7,609
15	24	98 968	35 870,701	527 277,220	14,699	14,230	65	74	70 945	872,928	6 820,437	7,813	7,344
16	25	98 937	33 513,303	491 406,519	14,663	14,194	66	75	68 585	788,683	5 947,509	7,541	7,072
17	26	98 895	31 307,594	457 893,215	14,626	14,156	67	76	66 076	710,123	5 158,826	7,265	6,795
18	27	98 851	29 246,419	426 585,621	14,586	14,116	68	77	63 445	637,233	4 448,703	6,981	6,512
19	28	98 792	27 316,820	397 339,203	14,546	14,076	69	78	60 710	569,873	3 811,470	6,688	6,219
20	29	98 729	25 513,363	370 022,383	14,503	14,034	70	79	57 813	507,178	3 241,597	6,391	5,922
21	30	98 664	23 828,544	344 509,020	14,458	13,988	71	80	54 770	449,054	2 734,418	6,089	5,620
22	31	98 596	22 254,365	320 680,476	14,410	13,940	72	81	51 522	394,781	2 285,365	5,789	5,319
23	32	98 523	20 783,058	298 426,111	14,359	13,890	73	82	48 140	344,738	1 890,583	5,484	5,015
24	33	98 448	19 408,736	277 643,052	14,305	13,836	74	83	44 554	298,189	1 545,846	5,184	4,715
25	34	98 369	18 124,347	258 234,317	14,248	13,778	75	84	40 783	255,089	1 247,657	4,891	4,422
26	35	98 288	16 924,696	240 109,970	14,187	13,717	76	85	36 874	215,552	992,568	4,605	4,135
27	36	98 198	15 803,120	223 185,274	14,123	13,653	77	86	32 877	179,617	777,016	4,326	3,856
28	37	98 108	14 755,589	207 382,154	14,054	13,585	78	87	28 863	147,369	597,399	4,054	3,584
29	38	98 013	13 776,932	192 626,565	13,982	13,512	79	88	24 840	118,531	450,031	3,797	3,327
30	39	97 910	12 862,154	178 849,633	13,905	13,436	80	89	20 936	93,365	331,500	3,551	3,081
31	40	97 795	12 006,540	165 987,479	13,825	13,355	81	90	17 222	71,777	238,135	3,318	2,848
32	41	97 677	11 207,528	153 980,939	13,739	13,270	82	91	13 774	53,654	166,357	3,101	2,631
33	42	97 545	10 460,254	142 773,411	13,649	13,180	83	92	10 692	38,921	112,703	2,896	2,426
34	43	97 398	9 761,202	132 313,157	13,555	13,085	84	93	7 996	27,205	73,782	2,712	2,243
35	44	97 243	9 108,043	122 551,954	13,455	12,986	85	94	5 755	18,299	46,577	2,545	2,076
36	45	97 077	8 497,718	113 443,912	13,350	12,880	86	95	3 983	11,835	28,278	2,389	1,920
37	46	96 887	7 926,244	104 946,194	13,240	12,771	87	96	2 629	7,303	16,443	2,252	1,782
38	47	96 676	7 391,551	97 019,951	13,126	12,656	88	97	1 650	4,284	9,141	2,134	1,664
39	48	96 452	6 892,006	89 628,399	13,005	12,535	89	98	993	2,409	4,857	2,016	1,546
40	49	96 195	6 423,930	82 736,393	12,879	12,410	90	99	565	1,280	2,448	1,912	1,443
41	50	95 914	5 986,144	76 312,464	12,748	12,279	91	100	303	0,642	1,168	1,820	1,350
42	51	95 598	5 576,110	70 326,319	12,612	12,143							
43	52	95 265	5 193,140	64 750,209	12,468	11,999							
44	53	94 903	4 834,981	59 557,069	12,318	11,848							
45	54	94 504	4 499,658	54 722,088	12,161	11,692							
46	55	94 066	4 185,824	50 222,430	11,998	11,529							
47	56	93 580	3 891,765	46 036,606	11,829	11,360							
48	57	93 046	3 616,413	42 144,840	11,654	11,184							
49	58	92 454	3 358,293	38 528,427	11,473	11,003							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	1 493 246,883	14,989	14,519	50	60	91 372	3 101,871	34 646,562	11,170	10,700
1	11	99 282	92 787,203	1 393 621,728	15,020	14,550	51	61	90 611	2 874,815	31 544,691	10,973	10,503
2	12	99 251	86 689,388	1 300 834,525	15,006	14,536	52	62	89 783	2 662,175	28 669,876	10,769	10,300
3	13	99 231	81 002,223	1 214 145,137	14,989	14,520	53	63	88 877	2 462,901	26 007,701	10,560	10,090
4	14	99 212	75 688,055	1 133 142,914	14,971	14,502	54	64	87 877	2 275,897	23 544,800	10,345	9,876
5	15	99 191	70 721,904	1 057 454,859	14,952	14,483	55	65	86 789	2 100,674	21 268,903	10,125	9,655
6	16	99 171	66 081,580	986 732,955	14,932	14,463	56	66	85 604	1 936,439	19 168,229	9,899	9,429
7	17	99 149	61 745,030	920 651,375	14,911	14,441	57	67	84 317	1 782,544	17 231,791	9,667	9,197
8	18	99 127	57 692,547	858 906,345	14,888	14,418	58	68	82 938	1 638,672	15 449,247	9,428	8,958
9	19	99 103	53 905,410	801 213,798	14,863	14,394	59	69	81 457	1 504,134	13 810,574	9,182	8,712
10	20	99 079	50 366,564	747 308,388	14,837	14,368	60	70	79 817	1 377,428	12 306,440	8,934	8,465
11	21	99 055	47 060,346	696 941,824	14,810	14,340	61	71	78 062	1 259,012	10 929,013	8,681	8,211
12	22	99 031	43 971,125	649 881,478	14,780	14,310	62	72	76 168	1 148,100	9 670,000	8,423	7,953
13	23	99 006	41 083,977	605 910,353	14,748	14,279	63	73	74 148	1 044,529	8 521,900	8,159	7,689
14	24	98 981	38 386,393	564 826,376	14,714	14,245	64	74	71 962	947,423	7 477,371	7,892	7,423
15	25	98 952	35 864,809	526 439,984	14,678	14,209	65	75	69 655	857,048	6 529,947	7,619	7,150
16	26	98 918	33 506,788	490 575,175	14,641	14,172	66	76	67 205	772,814	5 672,899	7,341	6,871
17	27	98 877	31 302,014	457 068,387	14,602	14,132	67	77	64 613	694,394	4 900,085	7,057	6,587
18	28	98 830	29 240,284	425 766,373	14,561	14,091	68	78	61 926	621,979	4 205,691	6,762	6,292
19	29	98 769	27 310,319	396 526,088	14,519	14,050	69	79	59 058	554,368	3 583,712	6,464	5,995
20	30	98 704	25 507,067	369 215,770	14,475	14,006	70	80	56 032	491,553	3 029,343	6,163	5,693
21	31	98 636	23 821,806	343 708,703	14,428	13,959	71	81	52 839	433,219	2 537,791	5,858	5,388
22	32	98 564	22 247,199	319 886,897	14,379	13,909	72	82	49 439	378,826	2 104,571	5,556	5,086
23	33	98 490	20 776,077	297 639,698	14,326	13,857	73	83	45 877	328,534	1 725,745	5,253	4,783
24	34	98 414	19 401,938	276 863,621	14,270	13,800	74	84	42 095	281,730	1 397,211	4,959	4,490
25	35	98 331	18 117,427	257 461,683	14,211	13,741	75	85	38 181	238,817	1 115,481	4,671	4,201
26	36	98 242	16 916,793	239 344,256	14,148	13,679	76	86	34 156	199,667	876,663	4,391	3,921
27	37	98 152	15 795,584	222 427,463	14,082	13,612	77	87	30 074	164,299	676,996	4,121	3,651
28	38	98 058	14 748,139	206 631,879	14,011	13,541	78	88	26 003	132,765	512,697	3,862	3,392
29	39	97 958	13 769,298	191 883,740	13,936	13,466	79	89	22 025	105,101	379,932	3,615	3,145
30	40	97 846	12 853,786	178 114,442	13,857	13,387	80	90	18 239	81,339	274,831	3,379	2,909
31	41	97 733	11 998,938	165 260,656	13,773	13,303	81	91	14 688	61,218	193,492	3,161	2,691
32	42	97 605	11 199,314	153 261,718	13,685	13,215	82	92	11 489	44,751	132,274	2,956	2,486
33	43	97 467	10 451,814	142 062,405	13,592	13,123	83	93	8 682	31,606	87,523	2,769	2,300
34	44	97 311	9 752,459	131 610,590	13,495	13,026	84	94	6 321	21,507	55,917	2,600	2,130
35	45	97 151	9 099,428	121 858,131	13,392	12,922	85	95	4 435	14,100	34,410	2,440	1,971
36	46	96 973	8 488,577	112 758,703	13,284	12,814	86	96	2 970	8,826	20,310	2,301	1,832
37	47	96 773	7 916,857	104 270,126	13,171	12,701	87	97	1 895	5,263	11,484	2,182	1,713
38	48	96 550	7 381,947	96 353,269	13,053	12,583	88	98	1 164	3,021	6,221	2,059	1,590
39	49	96 306	6 881,550	88 971,322	12,929	12,459	89	99	676	1,641	3,200	1,950	1,481
40	50	96 033	6 413,111	82 089,772	12,800	12,331	90	100	371	0,841	1,559	1,855	1,385
41	51	95 737	5 975,107	75 676,660	12,665	12,196							
42	52	95 400	5 564,532	69 701,554	12,526	12,057							
43	53	95 055	5 181,692	64 137,022	12,378	11,908							
44	54	94 668	4 822,997	58 955,330	12,224	11,754							
45	55	94 244	4 487,265	54 132,333	12,064	11,594							
46	56	93 774	4 172,796	49 645,068	11,897	11,428							
47	57	93 264	3 878,605	45 472,272	11,724	11,254							
48	58	92 697	3 602,828	41 593,667	11,545	11,075							
49	59	92 068	3 344,277	37 990,839	11,360	10,890							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	1 492 232,745	14,979	14,510	50	61	90 903	3 085,968	34 088,624	11,046	10,577
1	12	99 275	92 780,067	1 392 613,128	15,010	14,540	51	62	90 105	2 858,756	31 002,656	10,845	10,375
2	13	99 244	86 683,909	1 299 833,060	14,995	14,526	52	63	89 233	2 645,877	28 143,900	10,637	10,167
3	14	99 223	80 995,820	1 213 149,151	14,978	14,508	53	64	88 276	2 446,252	25 498,023	10,423	9,954
4	15	99 202	75 681,073	1 132 153,331	14,960	14,490	54	65	87 226	2 259,035	23 051,772	10,204	9,735
5	16	99 180	70 713,717	1 056 472,258	14,940	14,471	55	66	86 094	2 083,840	20 792,737	9,978	9,509
6	17	99 158	66 073,132	985 758,542	14,919	14,450	56	67	84 855	1 919,480	18 708,897	9,747	9,277
7	18	99 136	61 737,025	919 685,410	14,897	14,427	57	68	83 528	1 765,863	16 789,417	9,508	9,038
8	19	99 110	57 683,182	857 948,385	14,873	14,404	58	69	82 091	1 621,951	15 023,554	9,263	8,793
9	20	99 087	53 896,550	800 265,203	14,848	14,379	59	70	80 517	1 486,767	13 401,603	9,014	8,544
10	21	99 062	50 358,320	746 368,653	14,821	14,352	60	71	78 815	1 360,138	11 914,836	8,760	8,291
11	22	99 038	47 052,355	696 010,333	14,792	14,323	61	72	76 984	1 241,620	10 554,697	8,501	8,031
12	23	99 015	43 963,747	648 957,977	14,761	14,292	62	73	75 030	1 130,939	9 313,077	8,235	7,765
13	24	98 990	41 077,257	604 994,230	14,728	14,259	63	74	72 907	1 027,048	8 182,139	7,967	7,497
14	25	98 964	38 380,087	563 916,973	14,693	14,223	64	75	70 653	930,188	7 155,091	7,692	7,223
15	26	98 933	35 857,836	525 536,886	14,656	14,187	65	76	68 253	839,804	6 224,903	7,412	6,943
16	27	98 900	33 500,816	489 679,050	14,617	14,147	66	77	65 717	755,697	5 385,099	7,126	6,656
17	28	98 857	31 295,449	456 178,234	14,577	14,107	67	78	63 066	677,772	4 629,402	6,830	6,361
18	29	98 807	29 233,325	424 882,785	14,534	14,065	68	79	60 241	605,056	3 951,630	6,531	6,061
19	30	98 744	27 303,579	395 649,460	14,491	14,021	69	80	57 239	537,289	3 346,573	6,229	5,759
20	31	98 676	25 499,854	368 345,881	14,445	13,976	70	81	54 056	474,220	2 809,284	5,924	5,454
21	32	98 604	23 814,135	342 846,027	14,397	13,927	71	82	50 704	415,711	2 335,064	5,617	5,148
22	33	98 531	22 239,726	319 031,892	14,345	13,876	72	83	47 115	361,020	1 919,353	5,316	4,847
23	34	98 455	20 768,801	296 792,166	14,290	13,821	73	84	43 345	310,400	1 558,333	5,020	4,551
24	35	98 376	19 394,531	276 023,365	14,232	13,763	74	85	39 410	263,759	1 247,933	4,731	4,262
25	36	98 285	18 108,967	256 628,834	14,171	13,702	75	86	35 367	221,218	984,173	4,449	3,979
26	37	98 195	16 908,726	238 519,867	14,106	13,637	76	87	31 244	182,640	762,956	4,177	3,708
27	38	98 102	15 787,609	221 611,141	14,037	13,568	77	88	27 094	148,018	580,316	3,921	3,451
28	39	98 004	14 739,967	205 823,532	13,964	13,494	78	89	23 056	117,722	432,298	3,672	3,203
29	40	97 895	13 760,339	191 083,566	13,887	13,417	79	90	19 188	91,563	314,576	3,436	2,966
30	41	97 784	12 845,648	177 323,227	13,804	13,335	80	91	15 556	69,373	223,013	3,215	2,745
31	42	97 661	11 990,144	164 477,579	13,718	13,248	81	92	12 251	51,060	153,640	3,009	2,539
32	43	97 526	11 190,277	152 487,436	13,627	13,157	82	93	9 330	36,341	102,580	2,823	2,353
33	44	97 379	10 442,453	141 297,158	13,531	13,062	83	94	6 864	24,986	66,239	2,651	2,182
34	45	97 219	9 743,235	130 854,706	13,430	12,961	84	95	4 871	16,572	41,253	2,489	2,020
35	46	97 046	9 089,640	121 111,471	13,324	12,855	85	96	3 307	10,515	24,681	2,347	1,878
36	47	96 858	8 478,525	112 021,831	13,212	12,743	86	97	2 140	6,361	14,166	2,227	1,758
37	48	96 647	7 906,570	103 543,306	13,096	12,626	87	98	1 336	3,712	7,806	2,103	1,633
38	49	96 404	7 370,748	95 636,735	12,975	12,506	88	99	793	2,057	4,094	1,990	1,520
39	50	96 144	6 869,961	88 265,988	12,848	12,379	89	100	444	1,078	2,036	1,890	1,420
40	51	95 856	6 401,286	81 396,026	12,716	12,246							
41	52	95 538	5 962,699	74 994,740	12,577	12,108							
42	53	95 189	5 552,265	69 032,041	12,433	11,964							
43	54	94 819	5 168,849	63 479,776	12,281	11,812							
44	55	94 407	4 809,713	58 310,927	12,124	11,654							
45	56	93 950	4 473,299	53 501,214	11,960	11,491							
46	57	93 457	4 158,686	49 027,915	11,789	11,320							
47	58	92 913	3 864,036	44 869,230	11,612	11,142							
48	59	92 310	3 587,792	41 005,194	11,429	10,960							
49	60	91 641	3 328,778	37 417,402	11,241	10,771							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	1 491 139,792	14,969	14,500	50	62	90 396	3 068,729	33 495,365	10,915	10,446
1	13	99 268	92 774,204	1 391 527,836	14,999	14,530	51	63	89 554	2 841,255	30 426,636	10,709	10,239
2	14	99 237	86 677,058	1 298 753,632	14,984	14,514	52	64	88 630	2 627,991	27 585,381	10,497	10,027
3	15	99 214	80 988,348	1 212 076,575	14,966	14,497	53	65	87 622	2 428,128	24 957,391	10,278	9,809
4	16	99 191	75 672,311	1 131 088,227	14,947	14,478	54	66	86 527	2 240,932	22 529,263	10,054	9,584
5	17	99 167	70 704,677	1 055 415,915	14,927	14,458	55	67	85 340	2 065,590	20 288,331	9,822	9,353
6	18	99 145	66 064,565	984 711,239	14,905	14,436	56	68	84 060	1 901,517	18 222,741	9,583	9,114
7	19	99 120	61 727,004	918 646,673	14,882	14,413	57	69	82 676	1 747,844	16 321,224	9,338	8,868
8	20	99 094	57 672,311	856 919,670	14,858	14,389	58	70	81 143	1 603,224	14 573,379	9,090	8,621
9	21	99 070	53 887,728	799 245,969	14,832	14,362	59	71	79 506	1 468,105	12 970,156	8,835	8,365
10	22	99 046	50 349,770	745 358,241	14,804	14,334	60	72	77 726	1 341,349	11 502,050	8,575	8,105
11	23	99 022	47 044,461	695 008,471	14,773	14,304	61	73	75 833	1 223,060	10 160,702	8,308	7,838
12	24	98 999	43 956,557	647 964,010	14,741	14,271	62	74	73 774	1 112,011	8 937,641	8,037	7,568
13	25	98 974	41 070,510	604 007,454	14,707	14,237	63	75	71 581	1 008,364	7 825,630	7,761	7,291
14	26	98 945	38 372,625	562 936,944	14,670	14,201	64	76	69 232	911,472	6 817,266	7,479	7,010
15	27	98 915	35 851,445	524 564,319	14,632	14,162	65	77	66 742	821,203	5 905,794	7,192	6,722
16	28	98 879	33 493,789	488 712,874	14,591	14,122	66	78	64 144	737,607	5 084,590	6,893	6,424
17	29	98 833	31 288,001	455 219,085	14,549	14,080	67	79	61 350	659,331	4 346,983	6,593	6,124
18	30	98 782	29 226,112	423 931,084	14,505	14,036	68	80	58 385	586,416	3 687,652	6,288	5,819
19	31	98 716	27 295,858	394 704,973	14,460	13,991	69	81	55 220	518,343	3 101,236	5,983	5,513
20	32	98 645	25 491,643	367 409,114	14,413	13,943	70	82	51 871	455,054	2 582,893	5,676	5,206
21	33	98 571	23 806,135	341 917,471	14,363	13,893	71	83	48 320	396,171	2 127,839	5,371	4,901
22	34	98 496	22 231,937	318 111,336	14,309	13,839	72	84	44 515	341,094	1 731,667	5,077	4,607
23	35	98 418	20 760,871	295 879,399	14,252	13,782	73	85	40 580	290,601	1 390,574	4,785	4,316
24	36	98 330	19 385,475	275 118,527	14,192	13,722	74	86	36 506	244,322	1 099,973	4,502	4,033
25	37	98 238	18 100,332	255 733,053	14,129	13,659	75	87	32 351	202,353	855,651	4,229	3,759
26	38	98 145	16 900,188	237 632,721	14,061	13,591	76	88	28 148	164,541	653,298	3,970	3,501
27	39	98 048	15 778,861	220 732,533	13,989	13,520	77	89	24 024	131,247	488,757	3,724	3,254
28	40	97 940	14 730,376	204 953,672	13,914	13,444	78	90	20 087	102,559	357,510	3,486	3,016
29	41	97 833	13 751,627	190 223,296	13,833	13,363	79	91	16 365	78,093	254,951	3,265	2,795
30	42	97 713	12 836,232	176 471,669	13,748	13,278	80	92	12 975	57,862	176,859	3,057	2,587
31	43	97 582	11 980,469	163 635,437	13,659	13,189	81	93	9 948	41,463	118,997	2,870	2,400
32	44	97 439	11 180,254	151 654,967	13,565	13,095	82	94	7 375	28,729	77,533	2,699	2,229
33	45	97 287	10 432,576	140 474,713	13,465	12,995	83	95	5 289	19,253	48,805	2,535	2,065
34	46	97 115	9 732,755	130 042,137	13,361	12,892	84	96	3 632	12,358	29,552	2,391	1,922
35	47	96 931	9 078,876	120 309,383	13,252	12,782	85	97	2 383	7,578	17,194	2,269	1,799
36	48	96 732	8 467,508	111 230,507	13,136	12,667	86	98	1 510	4,486	9,616	2,143	1,674
37	49	96 500	7 894,575	102 762,999	13,017	12,547	87	99	910	2,528	5,130	2,029	1,560
38	50	96 242	7 358,335	94 868,423	12,893	12,423	88	100	521	1,351	2,602	1,926	1,456
39	51	95 967	6 857,294	87 510,088	12,762	12,292							
40	52	95 657	6 387,994	80 652,795	12,626	12,156							
41	53	95 328	5 949,555	74 264,801	12,482	12,013							
42	54	94 954	5 538,503	68 315,246	12,335	11,865							
43	55	94 558	5 154,613	62 776,743	12,179	11,709							
44	56	94 113	4 794,743	57 622,130	12,018	11,548							
45	57	93 633	4 458,172	52 827,387	11,850	11,380							
46	58	93 106	4 143,064	48 369,215	11,675	11,205							
47	59	92 526	3 847,909	44 226,150	11,494	11,024							
48	60	91 882	3 571,164	40 378,241	11,307	10,837							
49	61	91 171	3 311,712	36 807,077	11,114	10,645							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	1 489 964,656	14,959	14,489	50	63	89 842	3 049,943	32 865,660	10,776	10,306
1	14	99 261	92 766,871	1 390 358,996	14,988	14,518	51	64	88 948	2 822,047	29 815,717	10,565	10,096
2	15	99 227	86 669,062	1 297 592,125	14,972	14,502	52	65	87 973	2 608,520	26 993,670	10,348	9,879
3	16	99 203	80 978,972	1 210 923,063	14,954	14,484	53	66	86 920	2 408,670	24 385,149	10,124	9,654
4	17	99 178	75 662,637	1 129 944,091	14,934	14,464	54	67	85 769	2 221,306	21 976,480	9,893	9,424
5	18	99 154	70 695,510	1 054 281,454	14,913	14,443	55	68	84 541	2 046,260	19 755,173	9,654	9,185
6	19	99 129	66 053,842	983 585,944	14,891	14,421	56	69	83 203	1 882,114	17 708,913	9,409	8,940
7	20	99 104	61 716,858	917 532,103	14,867	14,397	57	70	81 721	1 727,663	15 826,799	9,161	8,691
8	21	99 078	57 664,261	855 815,245	14,841	14,372	58	71	80 125	1 583,100	14 099,135	8,906	8,437
9	22	99 054	53 878,578	798 150,984	14,814	14,344	59	72	78 408	1 447,824	12 516,035	8,645	8,175
10	23	99 029	50 341,322	744 272,406	14,785	14,315	60	73	76 565	1 321,298	11 068,211	8,377	7,907
11	24	99 005	47 036,766	693 931,084	14,753	14,283	61	74	74 564	1 202,591	9 746,912	8,105	7,635
12	25	98 982	43 949,336	646 894,318	14,719	14,250	62	75	72 432	1 091,781	8 544,321	7,826	7,357
13	26	98 954	41 062,525	602 944,982	14,684	14,214	63	76	70 140	988,076	7 452,540	7,542	7,073
14	27	98 927	38 365,786	561 882,457	14,645	14,176	64	77	67 698	891,284	6 464,464	7,253	6,783
15	28	98 895	35 843,925	523 516,671	14,605	14,136	65	78	65 144	801,545	5 573,180	6,953	6,484
16	29	98 856	33 485,818	487 672,746	14,564	14,094	66	79	62 399	717,539	4 771,635	6,650	6,180
17	30	98 809	31 280,280	454 186,928	14,520	14,050	67	80	59 460	639,018	4 054,096	6,344	5,875
18	31	98 754	29 217,847	422 906,648	14,474	14,005	68	81	56 326	565,738	3 415,078	6,037	5,567
19	32	98 684	27 287,069	393 688,801	14,428	13,958	69	82	52 989	497,394	2 849,340	5,729	5,259
20	33	98 611	25 483,080	366 401,732	14,378	13,909	70	83	49 433	433,666	2 351,946	5,423	4,954
21	34	98 536	23 797,798	340 918,652	14,326	13,856	71	84	45 653	374,304	1 918,280	5,125	4,655
22	35	98 459	22 223,449	317 120,854	14,270	13,800	72	85	41 675	319,336	1 543,975	4,835	4,365
23	36	98 372	20 751,177	294 897,405	14,211	13,742	73	86	37 590	269,185	1 224,640	4,549	4,080
24	37	98 283	19 376,230	274 146,228	14,149	13,679	74	87	33 393	223,487	955,455	4,275	3,806
25	38	98 189	18 091,192	254 769,997	14,083	13,613	75	88	29 145	182,301	731,968	4,015	3,546
26	39	98 091	16 890,824	236 678,805	14,012	13,543	76	89	24 958	145,898	549,667	3,767	3,298
27	40	97 984	15 768,594	219 787,981	13,938	13,469	77	90	20 929	114,342	403,770	3,531	3,062
28	41	97 878	14 721,050	204 019,387	13,859	13,390	78	91	17 132	87,471	289,428	3,309	2,839
29	42	97 761	13 741,548	189 298,337	13,776	13,306	79	92	13 650	65,135	201,957	3,101	2,631
30	43	97 634	12 825,875	175 556,789	13,688	13,218	80	93	10 536	46,987	136,822	2,912	2,442
31	44	97 495	11 969,738	162 730,914	13,595	13,126	81	94	7 865	32,779	89,835	2,741	2,271
32	45	97 347	11 169,679	150 761,175	13,497	13,028	82	95	5 683	22,137	57,057	2,577	2,108
33	46	97 183	10 421,354	139 591,496	13,395	12,925	83	96	3 944	14,358	34,920	2,432	1,963
34	47	97 000	9 721,229	129 170,142	13,287	12,818	84	97	2 618	8,906	20,562	2,309	1,839
35	48	96 805	9 067,079	119 448,913	13,174	12,704	85	98	1 681	5,345	11,656	2,181	1,711
36	49	96 586	8 454,662	110 381,834	13,056	12,586	86	99	1 028	3,055	6,311	2,066	1,597
37	50	96 338	7 881,280	101 927,172	12,933	12,463	87	100	598	1,660	3,256	1,962	1,492
38	51	96 064	7 344,767	94 045,891	12,804	12,335							
39	52	95 767	6 843,055	86 701,124	12,670	12,200							
40	53	95 446	6 373,912	79 858,070	12,529	12,059							
41	54	95 091	5 934,808	73 484,158	12,382	11,912							
42	55	94 692	5 523,249	67 549,350	12,230	11,760							
43	56	94 264	5 138,570	62 026,101	12,071	11,601							
44	57	93 795	4 778,529	56 887,531	11,905	11,435							
45	58	93 281	4 441,426	52 109,002	11,732	11,263							
46	59	92 717	4 125,773	47 667,576	11,554	11,084							
47	60	92 097	3 830,076	43 541,803	11,368	10,899							
48	61	91 411	3 552,856	39 711,727	11,177	10,708							
49	62	90 662	3 293,212	36 158,871	10,980	10,510							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	1 488 700,015	14,947	14,478	50	64	89 235	3 029,325	32 198,557	10,629	10,159
1	15	99 251	92 758,313	1 389 102,227	14,976	14,506	51	65	88 289	2 801,139	29 169,233	10,413	9,944
2	16	99 216	86 659,028	1 296 343,914	14,959	14,490	52	66	87 268	2 587,617	26 368,094	10,190	9,721
3	17	99 190	80 968,620	1 209 684,886	14,940	14,471	53	67	86 158	2 387,575	23 780,477	9,960	9,491
4	18	99 165	75 652,827	1 128 716,266	14,920	14,450	54	68	84 967	2 200,519	21 392,902	9,722	9,252
5	19	99 138	70 684,034	1 053 063,439	14,898	14,429	55	69	83 679	2 025,380	19 192,383	9,476	9,006
6	20	99 113	66 042,984	982 379,404	14,875	14,405	56	70	82 242	1 860,383	17 167,002	9,228	8,758
7	21	99 088	61 706,756	916 336,420	14,850	14,380	57	71	80 695	1 705,978	15 306,619	8,972	8,503
8	22	99 061	57 654,470	854 629,664	14,823	14,354	58	72	79 018	1 561,231	13 600,641	8,711	8,242
9	23	99 037	53 869,539	796 975,195	14,795	14,325	59	73	77 236	1 426,182	12 039,411	8,442	7,972
10	24	99 013	50 333,088	743 105,656	14,764	14,294	60	74	75 283	1 299,185	10 613,228	8,169	7,700
11	25	98 989	47 029,040	692 772,568	14,731	14,261	61	75	73 207	1 180,713	9 314,043	7,888	7,419
12	26	98 963	43 940,792	645 743,528	14,696	14,226	62	76	70 975	1 069,815	8 133,330	7,603	7,133
13	27	98 937	41 055,206	601 802,737	14,658	14,189	63	77	68 587	966,191	7 063,515	7,311	6,841
14	28	98 907	38 357,739	560 747,531	14,619	14,149	64	78	66 078	869,948	6 097,324	7,009	6,539
15	29	98 871	35 835,395	522 389,792	14,577	14,108	65	79	63 371	779,737	5 227,376	6,704	6,235
16	30	98 831	33 477,555	486 554,398	14,534	14,064	66	80	60 476	695,433	4 447,639	6,396	5,926
17	31	98 781	31 271,434	453 076,843	14,489	14,019	67	81	57 364	616,486	3 752,206	6,086	5,617
18	32	98 723	29 208,439	421 805,409	14,441	13,972	68	82	54 050	542,873	3 135,721	5,776	5,307
19	33	98 651	27 277,903	392 596,970	14,392	13,923	69	83	50 498	474,016	2 592,847	5,470	5,000
20	34	98 577	25 474,155	365 319,067	14,341	13,871	70	84	46 705	409,729	2 118,831	5,171	4,702
21	35	98 499	23 788,712	339 844,912	14,286	13,816	71	85	42 741	350,428	1 709,102	4,877	4,408
22	36	98 413	22 213,072	316 056,200	14,228	13,759	72	86	38 604	295,803	1 358,674	4,593	4,124
23	37	98 325	20 741,282	293 843,127	14,167	13,698	73	87	34 384	246,229	1 062,871	4,317	3,847
24	38	98 234	19 366,447	273 101,845	14,102	13,632	74	88	30 084	201,340	816,642	4,056	3,587
25	39	98 134	18 081,168	253 735,399	14,033	13,564	75	89	25 843	161,645	615,302	3,806	3,337
26	40	98 027	16 879,834	235 654,231	13,961	13,491	76	90	21 744	127,105	453,656	3,569	3,100
27	41	97 922	15 758,611	218 774,397	13,883	13,413	77	91	17 850	97,520	326,551	3,349	2,879
28	42	97 806	14 710,260	203 015,786	13,801	13,331	78	92	14 289	72,957	229,031	3,139	2,670
29	43	97 682	13 730,460	188 305,526	13,714	13,245	79	93	11 085	52,893	156,074	2,951	2,481
30	44	97 546	12 814,387	174 575,066	13,623	13,154	80	94	8 329	37,145	103,181	2,778	2,308
31	45	97 403	11 958,417	161 760,678	13,527	13,057	81	95	6 060	25,257	66,036	2,615	2,145
32	46	97 242	11 157,665	149 802,261	13,426	12,956	82	96	4 238	16,508	40,779	2,470	2,001
33	47	97 068	10 409,013	138 644,597	13,320	12,850	83	97	2 842	10,347	24,270	2,346	1,876
34	48	96 873	9 708,598	128 235,584	13,208	12,739	84	98	1 846	6,281	13,923	2,217	1,747
35	49	96 659	9 053,324	118 526,986	13,092	12,623	85	99	1 145	3,640	7,642	2,100	1,630
36	50	96 423	8 440,424	109 473,663	12,970	12,501	86	100	675	2,006	4,002	1,995	1,525
37	51	96 160	7 866,748	101 033,239	12,843	12,374							
38	52	95 865	7 329,515	93 166,491	12,711	12,242							
39	53	95 556	6 827,970	85 836,975	12,571	12,102							
40	54	95 209	6 358,114	79 009,006	12,426	11,957							
41	55	94 830	5 918,462	72 650,892	12,275	11,806							
42	56	94 397	5 506,058	66 732,430	12,120	11,650							
43	57	93 945	5 121,193	61 226,371	11,955	11,486							
44	58	93 443	4 760,580	56 105,178	11,785	11,316							
45	59	92 892	4 422,889	51 344,599	11,609	11,139							
46	60	92 287	4 106,652	46 921,709	11,426	10,956							
47	61	91 625	3 810,440	42 815,057	11,236	10,767							
48	62	90 900	3 533,009	39 004,617	11,040	10,571							
49	63	90 107	3 273,051	35 471,608	10,837	10,368							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	1 487 341,204	14,935	14,465	50	65	88 574	3 006,881	31 493,372	10,474	10,004
1	16	99 240	92 747,574	1 387 752,604	14,963	14,493	51	66	87 582	2 778,692	28 486,491	10,252	9,782
2	17	99 203	86 647,949	1 295 005,029	14,946	14,476	52	67	86 504	2 564,955	25 707,799	10,023	9,553
3	18	99 177	80 958,122	1 208 357,080	14,926	14,456	53	68	85 352	2 365,232	23 142,845	9,785	9,315
4	19	99 149	75 640,547	1 127 398,958	14,905	14,435	54	69	84 100	2 178,065	20 777,612	9,539	9,070
5	20	99 122	70 672,416	1 051 758,411	14,882	14,413	55	70	82 712	2 001,995	18 599,547	9,291	8,821
6	21	99 096	66 032,174	981 085,995	14,858	14,388	56	71	81 210	1 837,032	16 597,552	9,035	8,565
7	22	99 071	61 696,278	915 053,820	14,832	14,362	57	72	79 581	1 682,411	14 760,520	8,773	8,304
8	23	99 044	57 644,966	853 357,542	14,804	14,334	58	73	77 837	1 537,894	13 078,110	8,504	8,034
9	24	99 021	53 860,728	795 712,746	14,774	14,304	59	74	75 943	1 402,314	11 540,216	8,229	7,760
10	25	98 997	50 324,820	741 852,018	14,741	14,272	60	75	73 914	1 275,550	10 137,902	7,948	7,478
11	26	98 970	47 019,897	691 527,198	14,707	14,238	61	76	71 734	1 156,957	8 862,352	7,660	7,191
12	27	98 945	43 932,960	644 507,301	14,670	14,201	62	77	69 403	1 046,120	7 705,395	7,366	6,896
13	28	98 916	41 046,595	600 574,342	14,632	14,162	63	78	66 945	943,062	6 659,275	7,061	6,592
14	29	98 883	38 348,610	559 527,747	14,591	14,121	64	79	64 280	846,279	5 716,213	6,755	6,285
15	30	98 847	35 826,552	521 179,137	14,547	14,078	65	80	61 419	755,715	4 869,934	6,444	5,975
16	31	98 803	33 468,088	485 352,585	14,502	14,032	66	81	58 344	670,911	4 114,220	6,132	5,663
17	32	98 749	31 261,365	451 884,498	14,455	13,986	67	82	55 045	591,570	3 443,309	5,821	5,351
18	33	98 689	29 198,627	420 623,133	14,406	13,936	68	83	51 509	517,357	2 851,739	5,512	5,043
19	34	98 617	27 268,350	391 424,506	14,355	13,885	69	84	47 711	447,852	2 334,382	5,212	4,743
20	35	98 539	25 464,429	364 156,156	14,301	13,831	70	85	43 726	383,593	1 886,530	4,918	4,449
21	36	98 453	23 777,604	338 691,727	14,244	13,775	71	86	39 591	324,604	1 502,936	4,630	4,161
22	37	98 366	22 202,480	314 914,123	14,184	13,714	72	87	35 312	270,577	1 178,333	4,355	3,885
23	38	98 275	20 730,809	292 711,643	14,120	13,650	73	88	30 977	221,829	907,755	4,092	3,623
24	39	98 179	19 355,716	271 980,834	14,052	13,582	74	89	26 675	178,528	685,926	3,842	3,373
25	40	98 070	18 069,403	252 625,118	13,981	13,511	75	90	22 514	140,824	507,398	3,603	3,134
26	41	97 965	16 869,147	234 555,715	13,904	13,435	76	91	18 545	108,406	366,574	3,381	2,912
27	42	97 850	15 747,060	217 686,568	13,824	13,354	77	92	14 888	81,339	258,168	3,174	2,704
28	43	97 727	14 698,391	201 939,507	13,739	13,269	78	93	11 603	59,245	176,830	2,985	2,515
29	44	97 595	13 718,162	187 241,116	13,649	13,180	79	94	8 763	41,814	117,585	2,812	2,343
30	45	97 454	12 802,267	173 522,954	13,554	13,085	80	95	6 418	28,622	75,771	2,647	2,178
31	46	97 298	11 945,554	160 720,687	13,454	12,985	81	96	4 519	18,836	47,149	2,503	2,034
32	47	97 127	11 144,452	148 775,134	13,350	12,880	82	97	3 054	11,897	28,313	2,380	1,910
33	48	96 941	10 395,488	137 630,682	13,239	12,770	83	98	2 005	7,298	16,416	2,249	1,780
34	49	96 727	9 693,869	127 235,194	13,125	12,656	84	99	1 257	4,277	9,118	2,132	1,662
35	50	96 496	9 038,077	117 541,325	13,005	12,536	85	100	752	2,390	4,841	2,025	1,556
36	51	96 245	8 424,861	108 503,248	12,879	12,409							
37	52	95 960	7 850,413	100 078,388	12,748	12,279							
38	53	95 653	7 313,358	92 227,975	12,611	12,141							
39	54	95 319	6 811,046	84 914,617	12,467	11,998							
40	55	94 947	6 340,602	78 103,571	12,318	11,848							
41	56	94 534	5 900,042	71 762,969	12,163	11,694							
42	57	94 078	5 487,439	65 862,927	12,002	11,533							
43	58	93 592	5 101,956	60 375,488	11,834	11,364							
44	59	93 053	4 740,711	55 273,532	11,659	11,190							
45	60	92 461	4 402,392	50 532,821	11,478	11,009							
46	61	91 814	4 085,598	46 130,429	11,291	10,821							
47	62	91 113	3 789,154	42 044,831	11,096	10,627							
48	63	90 344	3 511,380	38 255,677	10,895	10,425							
49	64	89 498	3 250,925	34 744,297	10,688	10,218							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	1 485 882,968	14,922	14,452	50	66	87 864	2 982,785	30 749,387	10,309	9,839
1	17	99 227	92 735,718	1 386 305,898	14,949	14,479	51	67	86 815	2 754,357	27 766,602	10,081	9,611
2	18	99 190	86 636,715	1 293 570,180	14,931	14,461	52	68	85 694	2 540,952	25 012,245	9,844	9,374
3	19	99 161	80 944,981	1 206 933,465	14,911	14,441	53	69	84 481	2 341,098	22 471,293	9,599	9,129
4	20	99 133	75 628,114	1 125 988,484	14,888	14,419	54	70	83 129	2 152,917	20 130,196	9,350	8,881
5	21	99 105	70 660,848	1 050 360,370	14,865	14,395	55	71	81 674	1 976,866	17 977,279	9,094	8,624
6	22	99 080	66 020,962	979 699,521	14,839	14,370	56	72	80 088	1 811,654	16 000,413	8,832	8,362
7	23	99 054	61 685,927	913 678,559	14,812	14,342	57	73	78 391	1 657,262	14 188,759	8,562	8,092
8	24	99 028	57 628,114	851 992,632	14,782	14,313	58	74	76 534	1 512,155	12 531,496	8,287	7,818
9	25	99 004	53 851,880	794 357,264	14,751	14,281	59	75	74 561	1 376,803	11 019,341	8,004	7,534
10	26	98 977	50 315,036	740 505,384	14,717	14,248	60	76	72 426	1 249,886	9 642,538	7,715	7,245
11	27	98 952	47 011,516	690 190,348	14,681	14,212	61	77	70 146	1 131,332	8 392,652	7,418	6,949
12	28	98 925	43 923,368	643 178,832	14,643	14,174	62	78	67 741	1 021,077	7 261,320	7,111	6,642
13	29	98 892	41 036,826	599 255,087	14,603	14,133	63	79	65 124	917,403	6 240,243	6,802	6,333
14	30	98 859	38 339,147	558 218,261	14,560	14,090	64	80	62 300	820,207	5 322,839	6,490	6,020
15	31	98 819	35 816,421	519 879,114	14,515	14,046	65	81	59 253	729,067	4 502,633	6,176	5,706
16	32	98 771	33 457,311	484 062,694	14,468	13,999	66	82	55 986	643,795	3 773,566	5,861	5,392
17	33	98 716	31 250,864	450 605,383	14,419	13,949	67	83	52 458	563,765	3 129,770	5,552	5,082
18	34	98 655	29 188,401	419 354,519	14,367	13,898	68	84	48 666	488,801	2 566,005	5,250	4,780
19	35	98 579	27 257,939	390 166,118	14,314	13,844	69	85	44 667	419,285	2 077,204	4,954	4,485
20	36	98 493	25 452,539	362 908,179	14,258	13,789	70	86	40 503	355,325	1 657,920	4,666	4,196
21	37	98 406	23 766,266	337 455,640	14,199	13,729	71	87	36 215	296,922	1 302,595	4,387	3,917
22	38	98 316	22 191,269	313 689,375	14,136	13,666	72	88	31 813	243,764	1 005,673	4,126	3,656
23	39	98 221	20 719,322	291 498,106	14,069	13,599	73	89	27 467	196,695	761,908	3,874	3,404
24	40	98 115	19 343,122	270 778,784	13,999	13,529	74	90	23 239	155,532	565,213	3,634	3,165
25	41	98 008	18 057,963	251 435,662	13,924	13,454	75	91	19 202	120,107	409,681	3,411	2,941
26	42	97 893	16 856,783	233 377,699	13,845	13,375	76	92	15 468	90,418	289,574	3,203	2,733
27	43	97 771	15 734,355	216 520,916	13,761	13,292	77	93	12 090	66,051	199,156	3,015	2,546
28	44	97 640	14 685,226	200 786,561	13,673	13,203	78	94	9 173	46,836	133,105	2,842	2,372
29	45	97 502	13 705,187	186 101,335	13,579	13,109	79	95	6 752	32,220	86,269	2,678	2,208
30	46	97 349	12 788,496	172 396,148	13,481	13,011	80	96	4 786	21,345	54,049	2,532	2,063
31	47	97 183	11 931,408	159 607,652	13,377	12,908	81	97	3 257	13,575	32,705	2,409	1,940
32	48	97 001	11 129,971	147 676,244	13,268	12,799	82	98	2 154	8,391	19,130	2,280	1,810
33	49	96 794	10 379,717	136 546,273	13,155	12,686	83	99	1 365	4,969	10,739	2,161	1,692
34	50	96 564	9 677,544	126 166,557	13,037	12,568	84	100	826	2,809	5,770	2,054	1,584
35	51	96 318	9 021,412	116 489,013	12,913	12,443							
36	52	96 045	8 407,366	107 467,601	12,783	12,313							
37	53	95 749	7 833,107	99 060,235	12,646	12,177							
38	54	95 416	7 295,231	91 227,128	12,505	12,036							
39	55	95 057	6 792,286	83 931,896	12,357	11,887							
40	56	94 652	6 320,867	77 139,610	12,204	11,734							
41	57	94 215	5 880,090	70 818,743	12,044	11,574							
42	58	93 725	5 466,827	64 938,652	11,879	11,409							
43	59	93 201	5 080,663	59 471,826	11,706	11,236							
44	60	92 622	4 718,740	54 391,163	11,527	11,057							
45	61	91 987	4 379,821	49 672,422	11,341	10,872							
46	62	91 301	4 062,775	45 292,601	11,148	10,679							
47	63	90 555	3 765,957	41 229,826	10,948	10,479							
48	64	89 733	3 487,642	37 463,868	10,742	10,272							
49	65	88 835	3 226,839	33 976,226	10,529	10,060							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	1 484 320,805	14,908	14,439	50	67	87 094	2 956,662	29 965,670	10,135	9,665
1	18	99 214	92 723,694	1 384 756,465	14,934	14,465	51	68	86 002	2 728,581	27 009,008	9,899	9,429
2	19	99 174	86 622,652	1 292 032,770	14,916	14,446	52	69	84 820	2 515,024	24 280,426	9,654	9,185
3	20	99 145	80 931,676	1 205 410,118	14,894	14,425	53	70	83 506	2 314,067	21 765,402	9,406	8,936
4	21	99 117	75 615,736	1 124 478,442	14,871	14,401	54	71	82 085	2 125,894	19 451,336	9,150	8,680
5	22	99 089	70 648,850	1 048 862,707	14,846	14,377	55	72	80 546	1 949,557	17 325,442	8,887	8,417
6	23	99 063	66 009,885	978 213,856	14,819	14,350	56	73	78 891	1 784,574	15 375,885	8,616	8,146
7	24	99 038	61 675,838	912 203,971	14,790	14,321	57	74	77 079	1 629,526	13 591,311	8,341	7,871
8	25	99 012	57 625,900	850 528,133	14,759	14,290	58	75	75 142	1 484,646	11 961,785	8,057	7,587
9	26	98 985	53 841,410	792 902,233	14,727	14,257	59	76	73 061	1 349,101	10 477,139	7,766	7,296
10	27	98 960	50 306,068	739 060,822	14,691	14,222	60	77	70 822	1 222,203	9 128,038	7,469	6,999
11	28	98 932	47 001,655	688 754,754	14,654	14,184	61	78	68 466	1 104,250	7 905,835	7,159	6,690
12	29	98 901	43 913,291	641 753,099	14,614	14,145	62	79	65 898	993,296	6 801,585	6,847	6,378
13	30	98 868	41 026,700	597 839,808	14,572	14,102	63	80	63 117	889,140	5 808,289	6,532	6,063
14	31	98 831	38 328,305	556 813,108	14,527	14,058	64	81	60 103	791,285	4 919,149	6,217	5,747
15	32	98 787	35 804,887	518 484,803	14,481	14,011	65	82	56 859	699,601	4 127,864	5,900	5,431
16	33	98 738	33 446,072	482 679,916	14,432	13,962	66	83	53 354	613,536	3 428,263	5,588	5,118
17	34	98 681	31 239,919	449 233,843	14,380	13,911	67	84	49 562	532,648	2 814,727	5,284	4,815
18	35	98 617	29 177,257	417 993,924	14,326	13,857	68	85	45 562	457,621	2 282,080	4,987	4,517
19	36	98 533	27 245,211	388 816,667	14,271	13,801	69	86	41 376	388,386	1 824,458	4,698	4,228
20	37	98 446	25 440,402	361 571,456	14,212	13,743	70	87	37 049	325,023	1 436,072	4,418	3,949
21	38	98 356	23 754,265	336 131,054	14,150	13,681	71	88	32 626	267,499	1 111,049	4,153	3,684
22	39	98 262	22 178,973	312 376,789	14,084	13,615	72	89	28 208	216,145	843,550	3,903	3,433
23	40	98 157	20 705,841	290 197,816	14,015	13,546	73	90	23 929	171,360	627,405	3,661	3,192
24	41	98 053	19 330,875	269 491,975	13,941	13,471	74	91	19 820	132,651	456,046	3,438	2,968
25	42	97 937	18 044,728	250 161,100	13,863	13,394	75	92	16 016	100,178	323,395	3,228	2,759
26	43	97 814	16 843,182	232 116,372	13,781	13,312	76	93	12 561	73,425	223,217	3,040	2,571
27	44	97 684	15 720,262	215 273,191	13,694	13,224	77	94	9 558	52,216	149,793	2,869	2,399
28	45	97 547	14 671,336	199 552,929	13,602	13,132	78	95	7 068	36,089	97,576	2,704	2,234
29	46	97 397	13 690,445	184 881,593	13,504	13,035	79	96	5 035	24,028	61,488	2,559	2,090
30	47	97 234	12 773,352	171 191,148	13,402	12,933	80	97	3 449	15,383	37,460	2,435	1,966
31	48	97 056	11 915,905	158 417,796	13,295	12,825	81	98	2 297	9,574	22,077	2,306	1,837
32	49	96 854	11 113,086	146 501,892	13,183	12,713	82	99	1 467	5,714	12,504	2,188	1,719
33	50	96 631	10 362,237	135 388,806	13,066	12,596	83	100	897	3,264	6,790	2,080	1,611
34	51	96 386	9 659,699	125 026,570	12,943	12,474							
35	52	96 118	9 002,679	115 366,870	12,815	12,345							
36	53	95 834	8 388,833	106 364,192	12,679	12,210							
37	54	95 512	7 813,692	97 975,359	12,539	12,069							
38	55	95 154	7 275,138	90 161,667	12,393	11,924							
39	56	94 761	6 771,146	82 886,528	12,241	11,772							
40	57	94 331	6 299,493	76 115,382	12,083	11,613							
41	58	93 861	5 858,003	69 815,889	11,918	11,449							
42	59	93 334	5 444,010	63 957,886	11,748	11,279							
43	60	92 770	5 057,117	58 513,876	11,571	11,101							
44	61	92 147	4 694,548	53 456,759	11,387	10,917							
45	62	91 473	4 355,355	48 762,211	11,196	10,726							
46	63	90 742	4 037,903	44 406,856	10,998	10,528							
47	64	89 943	3 740,499	40 368,952	10,792	10,323							
48	65	89 068	3 461,803	36 628,454	10,581	10,111							
49	66	88 123	3 200,980	33 166,651	10,361	9,892							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	1 482 648,697	14,893	14,424	50	68	86 279	2 928,994	29 141,650	9,949	9,480
1	19	99 198	92 708,643	1 383 097,265	14,919	14,449	51	69	85 125	2 700,739	26 212,656	9,706	9,236
2	20	99 158	86 608,414	1 290 388,622	14,899	14,430	52	70	83 841	2 485,985	23 511,917	9,458	8,988
3	21	99 129	80 918,429	1 203 780,208	14,876	14,407	53	71	82 458	2 285,021	21 025,931	9,202	8,732
4	22	99 100	75 602,896	1 122 861,779	14,852	14,383	54	72	80 951	2 096,526	18 740,911	8,939	8,470
5	23	99 072	70 636,997	1 047 258,883	14,826	14,356	55	73	79 342	1 920,415	16 644,385	8,667	8,198
6	24	99 047	65 999,089	976 621,886	14,798	14,328	56	74	77 570	1 754,707	14 723,970	8,391	7,922
7	25	99 022	61 665,706	910 622,797	14,767	14,298	57	75	75 677	1 599,882	12 969,263	8,106	7,637
8	26	98 993	57 614,697	848 957,090	14,735	14,266	58	76	73 630	1 454,775	11 369,381	7,815	7,346
9	27	98 968	53 831,814	791 342,393	14,700	14,231	59	77	71 443	1 319,220	9 914,606	7,516	7,046
10	28	98 939	50 295,517	737 510,580	14,664	14,194	60	78	69 127	1 192,945	8 595,386	7,205	6,736
11	29	98 908	46 990,469	687 215,063	14,625	14,155	61	79	66 604	1 074,206	7 402,441	6,891	6,422
12	30	98 877	43 902,455	640 224,594	14,583	14,113	62	80	63 868	962,694	6 328,235	6,573	6,104
13	31	98 840	41 015,098	596 322,139	14,539	14,070	63	81	60 892	857,787	5 365,540	6,255	5,786
14	32	98 799	38 315,963	555 307,041	14,493	14,023	64	82	57 674	759,305	4 507,753	5,937	5,467
15	33	98 754	35 792,860	516 991,078	14,444	13,974	65	83	54 186	666,719	3 748,448	5,622	5,153
16	34	98 704	33 434,359	481 198,217	14,392	13,923	66	84	50 409	579,671	3 081,729	5,316	4,847
17	35	98 643	31 227,992	447 763,859	14,339	13,869	67	85	46 401	498,671	2 502,058	5,017	4,548
18	36	98 571	29 163,633	416 535,867	14,283	13,813	68	86	42 204	423,898	2 003,387	4,726	4,257
19	37	98 486	27 232,219	387 372,234	14,225	13,755	69	87	37 847	355,265	1 579,490	4,446	3,976
20	38	98 397	25 427,556	360 140,015	14,163	13,694	70	88	33 378	292,815	1 224,225	4,181	3,711
21	39	98 302	23 741,103	334 712,459	14,098	13,629	71	89	28 930	237,190	931,410	3,927	3,457
22	40	98 198	22 164,542	310 971,356	14,030	13,561	72	90	24 575	188,304	694,220	3,687	3,217
23	41	98 095	20 692,732	288 806,814	13,957	13,487	73	91	20 409	146,150	505,916	3,462	2,992
24	42	97 981	19 316,707	268 114,082	13,880	13,410	74	92	16 532	110,640	359,766	3,252	2,782
25	43	97 858	18 030,168	248 797,376	13,799	13,329	75	93	13 006	81,350	249,126	3,062	2,593
26	44	97 727	16 828,096	230 767,207	13,713	13,244	76	94	9 930	58,045	167,776	2,890	2,421
27	45	97 591	15 705,393	213 939,112	13,622	13,153	77	95	7 365	40,235	109,731	2,727	2,258
28	46	97 442	14 655,554	198 233,719	13,526	13,057	78	96	5 271	26,913	69,496	2,582	2,113
29	47	97 282	13 674,233	183 578,165	13,425	12,956	79	97	3 629	17,316	42,583	2,459	1,990
30	48	97 108	12 756,755	169 903,932	13,319	12,849	80	98	2 433	10,849	25,267	2,329	1,859
31	49	96 909	11 897,827	157 147,177	13,208	12,739	81	99	1 564	6,519	14,418	2,211	1,742
32	50	96 690	11 094,371	145 249,350	13,092	12,623	82	100	963	3,753	7,898	2,105	1,635
33	51	96 453	10 343,130	134 154,980	12,970	12,501							
34	52	96 185	9 639,641	123 811,850	12,844	12,375							
35	53	95 906	8 982,833	114 172,210	12,710	12,241							
36	54	95 596	8 368,041	105 189,376	12,570	12,101							
37	55	95 249	7 792,171	96 821,336	12,425	11,956							
38	56	94 857	7 252,495	89 029,165	12,276	11,806							
39	57	94 441	6 748,249	81 776,670	12,118	11,649							
40	58	93 977	6 275,830	75 028,421	11,955	11,486							
41	59	93 469	5 833,554	68 752,590	11,786	11,316							
42	60	92 901	5 418,780	62 919,036	11,611	11,142							
43	61	92 294	5 031,190	57 500,256	11,429	10,959							
44	62	91 632	4 668,324	52 469,066	11,239	10,770							
45	63	90 913	4 328,692	47 800,742	11,043	10,573							
46	64	90 129	4 010,606	43 472,050	10,839	10,370							
47	65	89 277	3 712,786	39 461,444	10,629	10,159							
48	66	88 355	3 434,061	35 748,658	10,410	9,941							
49	67	87 351	3 172,947	32 314,597	10,184	9,715							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	1 480 859,120	14,878	14,408	50	69	85 399	2 899,107	28 276,220	9,753	9,284
1	20	99 182	92 693,405	1 381 323,848	14,902	14,433	51	70	84 142	2 669,556	25 377,113	9,506	9,037
2	21	99 142	86 594,238	1 288 630,443	14,881	14,412	52	71	82 788	2 454,782	22 707,557	9,250	8,781
3	22	99 112	80 904,689	1 202 036,205	14,857	14,388	53	72	81 318	2 253,455	20 252,776	8,987	8,518
4	23	99 083	75 590,212	1 121 131,516	14,832	14,362	54	73	79 741	2 065,187	17 999,321	8,716	8,246
5	24	99 056	70 625,444	1 045 541,304	14,804	14,335	55	74	78 014	1 888,275	15 934,134	8,438	7,969
6	25	99 031	65 988,247	974 915,860	14,774	14,305	56	75	76 159	1 722,785	14 045,859	8,153	7,683
7	26	99 002	61 653,717	908 927,613	14,742	14,273	57	76	74 154	1 567,692	12 323,074	7,861	7,391
8	27	98 975	57 604,428	847 273,895	14,708	14,239	58	77	71 999	1 422,553	10 755,382	7,561	7,091
9	28	98 947	53 820,523	789 669,467	14,672	14,203	59	78	69 733	1 287,640	9 332,829	7,248	6,778
10	29	98 915	50 283,547	735 848,945	14,634	14,164	60	79	67 246	1 160,488	8 045,188	6,933	6,463
11	30	98 884	46 978,874	685 565,398	14,593	14,124	61	80	64 552	1 041,111	6 884,700	6,613	6,143
12	31	98 849	43 890,040	638 586,524	14,550	14,080	62	81	61 616	928,748	5 843,589	6,292	5,822
13	32	98 808	41 001,891	594 696,484	14,504	14,035	63	82	58 431	823,120	4 914,841	5,971	5,501
14	33	98 766	38 303,093	553 694,593	14,456	13,986	64	83	54 963	723,616	4 091,721	5,655	5,185
15	34	98 719	35 780,325	515 391,501	14,404	13,935	65	84	51 195	629,918	3 368,105	5,347	4,877
16	35	98 666	33 421,467	479 611,176	14,350	13,881	66	85	47 194	542,695	2 738,187	5,046	4,576
17	36	98 597	31 213,410	446 189,583	14,295	13,825	67	86	42 982	461,922	2 195,492	4,753	4,283
18	37	98 524	29 149,726	414 976,172	14,236	13,767	68	87	38 605	387,748	1 733,570	4,471	4,001
19	38	98 436	27 218,468	385 826,446	14,175	13,706	69	88	34 097	320,060	1 345,821	4,205	3,735
20	39	98 342	25 413,467	358 607,978	14,111	13,641	70	89	29 596	259,638	1 025,761	3,951	3,481
21	40	98 238	23 725,656	333 194,511	14,044	13,574	71	90	25 203	206,638	766,123	3,708	3,238
22	41	98 136	22 150,509	309 468,855	13,971	13,502	72	91	20 960	160,601	559,485	3,484	3,014
23	42	98 023	20 677,565	287 318,346	13,895	13,426	73	92	17 022	121,899	398,883	3,272	2,803
24	43	97 902	19 301,121	266 640,781	13,815	13,345	74	93	13 424	89,846	276,984	3,083	2,613
25	44	97 770	18 014,019	247 339,660	13,730	13,261	75	94	10 282	64,310	187,138	2,910	2,440
26	45	97 634	16 812,179	229 325,641	13,640	13,171	76	95	7 651	44,726	122,828	2,746	2,277
27	46	97 486	15 688,499	212 513,463	13,546	13,076	77	96	5 492	30,005	78,102	2,603	2,133
28	47	97 327	14 638,199	196 824,964	13,446	12,976	78	97	3 799	19,396	48,097	2,480	2,010
29	48	97 156	13 656,465	182 186,764	13,341	12,871	79	98	2 559	12,213	28,701	2,350	1,881
30	49	96 960	12 737,401	168 530,300	13,231	12,762	80	99	1 657	7,388	16,488	2,232	1,762
31	50	96 746	11 877,790	155 792,898	13,116	12,647	81	100	1 027	4,282	9,100	2,125	1,656
32	51	96 512	11 073,914	143 915,108	12,996	12,526							
33	52	96 253	10 321,652	132 841,194	12,870	12,401							
34	53	95 973	9 618,391	122 519,542	12,738	12,269							
35	54	95 668	8 960,568	112 901,152	12,600	12,130							
36	55	95 333	8 344,993	103 940,583	12,455	11,986							
37	56	94 952	7 767,919	95 595,590	12,306	11,837							
38	57	94 537	7 227,970	87 827,672	12,151	11,682							
39	58	94 086	6 722,901	80 599,701	11,989	11,519							
40	59	93 585	6 249,637	73 876,801	11,821	11,351							
41	60	93 036	5 806,519	67 627,163	11,647	11,177							
42	61	92 425	5 390,999	61 820,644	11,467	10,998							
43	62	91 778	5 003,085	56 429,645	11,279	10,809							
44	63	91 071	4 639,745	51 426,560	11,084	10,614							
45	64	90 299	4 299,429	46 786,816	10,882	10,413							
46	65	89 461	3 980,893	42 487,387	10,673	10,203							
47	66	88 561	3 683,033	38 506,494	10,455	9,986							
48	67	87 581	3 403,987	34 823,461	10,230	9,761							
49	68	86 534	3 143,255	31 419,474	9,996	9,526							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	1 478 947,340	14,861	14,391	50	70	84 413	2 865,633	27 368,942	9,551	9,081
1	21	99 166	92 678,233	1 379 428,428	14,884	14,415	51	71	83 086	2 636,048	24 503,309	9,295	8,826
2	22	99 125	86 579,535	1 286 750,195	14,862	14,393	52	72	81 645	2 420,870	21 867,261	9,033	8,563
3	23	99 095	80 891,115	1 200 170,661	14,837	14,367	53	73	80 103	2 219,770	19 446,391	8,761	8,291
4	24	99 067	75 577,848	1 119 279,546	14,810	14,340	54	74	78 407	2 030,624	17 226,621	8,483	8,014
5	25	99 040	70 613,842	1 043 701,697	14,780	14,311	55	75	76 595	1 853,923	15 195,997	8,197	7,727
6	26	99 011	65 975,418	973 087,855	14,749	14,280	56	76	74 627	1 688,123	13 342,074	7,903	7,434
7	27	98 985	61 642,728	907 112,437	14,716	14,246	57	77	72 512	1 532,970	11 653,951	7,602	7,133
8	28	98 954	57 592,346	845 469,708	14,680	14,211	58	78	70 276	1 388,500	10 120,981	7,289	6,820
9	29	98 923	53 807,714	787 877,363	14,642	14,173	59	79	67 836	1 252,607	8 732,481	6,971	6,502
10	30	98 891	50 271,138	734 069,649	14,602	14,133	60	80	65 174	1 124,735	7 479,875	6,650	6,181
11	31	98 856	46 965,589	683 798,510	14,560	14,090	61	81	62 276	1 004,400	6 355,139	6,327	5,858
12	32	98 817	43 875,907	636 832,922	14,514	14,045	62	82	59 126	891,213	5 350,739	6,004	5,534
13	33	98 775	40 988,118	592 957,014	14,467	13,997	63	83	55 684	784,431	4 459,527	5,685	5,216
14	34	98 731	38 289,678	551 968,896	14,416	13,946	64	84	51 929	683,675	3 675,095	5,375	4,906
15	35	98 681	35 766,664	513 679,219	14,362	13,892	65	85	47 930	589,737	2 991,420	5,072	4,603
16	36	98 620	33 405,988	477 912,555	14,306	13,837	66	86	43 716	502,702	2 401,683	4,778	4,308
17	37	98 550	31 198,526	444 506,567	14,248	13,778	67	87	39 316	422,530	1 898,981	4,494	4,025
18	38	98 474	29 135,008	413 308,041	14,186	13,716	68	88	34 780	349,324	1 476,451	4,227	3,757
19	39	98 382	27 203,387	384 173,033	14,122	13,653	69	89	30 233	283,796	1 127,127	3,972	3,502
20	40	98 278	25 396,931	356 969,647	14,056	13,586	70	90	25 784	226,195	843,331	3,728	3,259
21	41	98 175	23 710,634	331 572,715	13,984	13,515	71	91	21 496	176,238	617,136	3,502	3,032
22	42	98 064	22 134,274	307 862,081	13,909	13,439	72	92	17 482	133,953	440,897	3,291	2,822
23	43	97 944	20 660,881	285 727,807	13,829	13,360	73	93	13 823	98,989	306,944	3,101	2,631
24	44	97 815	19 283,833	265 066,926	13,746	13,276	74	94	10 613	71,027	207,955	2,928	2,458
25	45	97 677	17 996,980	245 783,093	13,657	13,187	75	95	7 922	49,554	136,929	2,763	2,294
26	46	97 529	16 794,094	227 786,112	13,563	13,094	76	96	5 706	33,354	87,375	2,620	2,150
27	47	97 371	15 669,921	210 992,018	13,465	12,995	77	97	3 958	21,624	54,020	2,498	2,029
28	48	97 201	14 619,179	195 322,097	13,361	12,891	78	98	2 679	13,679	32,396	2,368	1,899
29	49	97 008	13 635,746	180 702,918	13,252	12,783	79	99	1 743	8,316	18,717	2,251	1,781
30	50	96 797	12 715,951	167 067,172	13,138	12,669	80	100	1 088	4,852	10,400	2,144	1,674
31	51	96 568	11 855,889	154 351,221	13,019	12,549							
32	52	96 312	11 050,919	142 495,332	12,894	12,425							
33	53	96 041	10 298,899	131 444,414	12,763	12,293							
34	54	95 736	9 594,551	121 145,515	12,626	12,157							
35	55	95 405	8 935,889	111 550,964	12,483	12,014							
36	56	95 036	8 319,020	102 615,075	12,335	11,865							
37	57	94 631	7 741,651	94 296,055	12,180	11,711							
38	58	94 181	7 200,820	86 554,404	12,020	11,551							
39	59	93 693	6 694,842	79 353,584	11,853	11,383							
40	60	93 151	6 220,674	72 658,742	11,680	11,211							
41	61	92 559	5 776,750	66 438,069	11,501	11,031							
42	62	91 908	5 360,884	60 661,319	11,316	10,846							
43	63	91 217	4 972,456	55 300,435	11,121	10,652							
44	64	90 455	4 608,379	50 327,978	10,921	10,451							
45	65	89 630	4 267,575	45 719,599	10,713	10,244							
46	66	88 744	3 948,991	41 452,024	10,497	10,027							
47	67	87 786	3 650,778	37 503,033	10,273	9,803							
48	68	86 761	3 372,132	33 852,255	10,039	9,569							
49	69	85 651	3 111,181	30 480,123	9,797	9,327							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	1 476 905,048	14,843	14,373	50	71	83 353	2 829,664	26 420,840	9,337	8,868
1	22	99 149	92 662,496	1 377 402,426	14,865	14,395	51	72	81 938	2 599,632	23 591,176	9,075	8,605
2	23	99 108	86 565,008	1 284 739,930	14,841	14,372	52	73	80 424	2 384,683	20 991,543	8,803	8,333
3	24	99 079	80 877,885	1 198 174,921	14,815	14,345	53	74	78 762	2 182,620	18 606,860	8,525	8,055
4	25	99 051	75 565,433	1 117 297,036	14,786	14,316	54	75	76 980	1 993,683	16 424,240	8,238	7,769
5	26	99 020	70 600,114	1 041 731,603	14,755	14,286	55	76	75 054	1 816,622	14 430,558	7,944	7,474
6	27	98 994	65 963,659	971 131,489	14,722	14,253	56	77	72 974	1 650,733	12 613,935	7,641	7,172
7	28	98 964	61 629,799	905 167,830	14,687	14,218	57	78	70 776	1 496,273	10 963,203	7,327	6,857
8	29	98 931	57 578,639	843 538,031	14,650	14,181	58	79	68 364	1 350,722	9 466,930	7,009	6,539
9	30	98 899	53 794,436	785 959,392	14,610	14,141	59	80	65 746	1 214,016	8 116,208	6,685	6,216
10	31	98 863	50 256,922	732 164,956	14,568	14,099	60	81	62 876	1 085,075	6 902,192	6,361	5,892
11	32	98 824	46 950,466	681 908,034	14,524	14,054	61	82	59 759	963,807	5 817,116	6,036	5,566
12	33	98 784	43 861,169	634 957,568	14,477	14,007	62	83	56 347	849,324	4 853,309	5,714	5,245
13	34	98 740	40 973,763	591 096,399	14,426	13,957	63	84	52 611	741,134	4 003,986	5,403	4,933
14	35	98 694	38 275,059	550 122,636	14,373	13,903	64	85	48 617	640,065	3 262,852	5,098	4,628
15	36	98 635	35 749,963	511 847,577	14,317	13,848	65	86	44 398	546,277	2 622,787	4,801	4,332
16	37	98 573	33 390,058	476 097,614	14,259	13,789	66	87	39 988	459,832	2 076,509	4,516	4,046
17	38	98 501	31 182,773	442 707,556	14,197	13,728	67	88	35 420	380,660	1 616,677	4,247	3,778
18	39	98 420	29 118,864	411 524,783	14,133	13,663	68	89	30 839	309,745	1 236,018	3,990	3,521
19	40	98 318	27 185,687	382 405,920	14,066	13,597	69	90	26 339	247,241	926,273	3,746	3,277
20	41	98 216	25 380,852	355 220,233	13,996	13,526	70	91	21 991	192,918	679,032	3,520	3,050
21	42	98 103	23 693,256	329 839,381	13,921	13,452	71	92	17 929	146,996	486,114	3,307	2,837
22	43	97 985	22 116,415	306 146,125	13,842	13,373	72	93	14 196	108,777	339,119	3,118	2,648
23	44	97 856	20 642,375	284 029,710	13,760	13,290	73	94	10 928	78,255	230,342	2,943	2,474
24	45	97 722	19 265,594	263 387,335	13,671	13,202	74	95	8 177	54,729	152,087	2,779	2,309
25	46	97 572	17 977,621	244 121,741	13,579	13,110	75	96	5 908	36,955	97,358	2,635	2,165
26	47	97 414	16 774,207	226 144,120	13,482	13,012	76	97	4 112	24,038	60,403	2,513	2,043
27	48	97 244	15 649,560	209 369,913	13,379	12,909	77	98	2 792	15,251	36,365	2,384	1,915
28	49	97 053	14 597,000	193 720,353	13,271	12,802	78	99	1 824	9,315	21,114	2,267	1,797
29	50	96 845	13 612,783	179 123,353	13,158	12,689	79	100	1 145	5,462	11,799	2,160	1,691
30	51	96 619	12 692,504	165 510,570	13,040	12,571							
31	52	96 367	11 831,270	152 818,066	12,916	12,447							
32	53	96 099	11 026,558	140 986,796	12,786	12,317							
33	54	95 803	10 273,372	129 960,238	12,650	12,181							
34	55	95 472	9 568,125	119 686,866	12,509	12,039							
35	56	95 108	8 908,077	110 118,741	12,362	11,892							
36	57	94 715	8 290,888	101 210,665	12,207	11,738							
37	58	94 276	7 712,571	92 919,776	12,048	11,578							
38	59	93 788	7 170,767	85 207,205	11,883	11,413							
39	60	93 259	6 663,815	78 036,438	11,710	11,241							
40	61	92 674	6 188,781	71 372,623	11,533	11,063							
41	62	92 042	5 744,480	65 183,842	11,347	10,878							
42	63	91 346	5 328,065	59 439,362	11,156	10,686							
43	64	90 600	4 938,842	54 111,296	10,956	10,487							
44	65	89 785	4 574,237	49 172,455	10,750	10,280							
45	66	88 911	4 233,376	44 598,218	10,535	10,065							
46	67	87 967	3 914,407	40 364,842	10,312	9,842							
47	68	86 964	3 616,614	36 450,435	10,079	9,609							
48	69	85 876	3 337,723	32 833,821	9,837	9,368							
49	70	84 662	3 075,258	29 496,098	9,591	9,122							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	1 474 723,084	14,823	14,354	50	72	82 202	2 790,574	25 431,869	9,113	8,644
1	23	99 132	92 646,949	1 375 237,357	14,844	14,374	51	73	80 713	2 560,773	22 641,296	8,842	8,372
2	24	99 092	86 550,850	1 282 590,407	14,819	14,349	52	74	79 078	2 344,773	20 080,522	8,564	8,094
3	25	99 063	80 864,599	1 196 039,557	14,791	14,321	53	75	77 329	2 142,913	17 735,749	8,276	7,807
4	26	99 032	75 550,742	1 115 174,958	14,761	14,291	54	76	75 432	1 953,570	15 592,836	7,982	7,512
5	27	99 003	70 587,530	1 039 624,216	14,728	14,259	55	77	73 391	1 776,386	13 639,266	7,678	7,209
6	28	98 973	65 949,823	969 036,686	14,694	14,224	56	78	71 227	1 611,217	11 862,880	7,363	6,893
7	29	98 940	61 615,132	903 086,863	14,657	14,187	57	79	68 850	1 455,563	10 251,663	7,043	6,574
8	30	98 906	57 564,431	841 471,731	14,618	14,148	58	80	66 257	1 309,109	8 796,100	6,719	6,250
9	31	98 871	53 779,224	783 907,300	14,576	14,107	59	81	63 427	1 171,208	7 486,992	6,393	5,923
10	32	98 831	50 240,740	730 128,076	14,533	14,063	60	82	60 335	1 041,222	6 315,784	6,066	5,596
11	33	98 791	46 934,695	679 887,337	14,486	14,016	61	83	56 950	918,506	5 274,562	5,743	5,273
12	34	98 749	43 845,808	632 952,642	14,436	13,966	62	84	53 236	802,445	4 356,056	5,428	4,959
13	35	98 703	40 958,119	589 106,835	14,383	13,914	63	85	49 255	693,858	3 553,612	5,122	4,652
14	36	98 647	38 257,187	548 148,715	14,328	13,858	64	86	45 034	592,896	2 859,753	4,823	4,354
15	37	98 588	35 732,916	509 891,528	14,270	13,800	65	87	40 611	499,692	2 266,857	4,537	4,067
16	38	98 523	33 373,198	474 158,613	14,208	13,738	66	88	36 025	414,265	1 767,165	4,266	3,796
17	39	98 446	31 165,494	440 785,415	14,143	13,674	67	89	31 407	337,529	1 352,900	4,008	3,539
18	40	98 356	29 099,918	409 619,921	14,076	13,607	68	90	26 867	269,848	1 015,371	3,763	3,293
19	41	98 256	27 168,475	380 520,003	14,006	13,536	69	91	22 464	210,868	745,524	3,536	3,066
20	42	98 144	25 362,249	353 351,528	13,932	13,463	70	92	18 342	160,907	534,656	3,323	2,853
21	43	98 024	23 674,139	327 989,279	13,854	13,385	71	93	14 559	119,368	373,748	3,131	2,662
22	44	97 897	22 096,605	304 315,140	13,772	13,303	72	94	11 223	85,993	254,380	2,958	2,489
23	45	97 763	20 622,851	282 218,535	13,685	13,215	73	95	8 420	60,299	168,387	2,793	2,323
24	46	97 617	19 244,870	261 595,684	13,593	13,123	74	96	6 098	40,814	108,088	2,648	2,179
25	47	97 457	17 956,333	242 350,813	13,497	13,027	75	97	4 258	26,633	67,274	2,526	2,056
26	48	97 287	16 752,411	224 394,481	13,395	12,925	76	98	2 900	16,953	40,642	2,397	1,928
27	49	97 097	15 625,818	207 642,070	13,288	12,819	77	99	1 901	10,385	23,688	2,281	1,811
28	50	96 890	14 572,418	192 016,252	13,177	12,707	78	100	1 198	6,118	13,303	2,175	1,705
29	51	96 666	13 587,682	177 443,834	13,059	12,590							
30	52	96 418	12 666,148	163 856,152	12,937	12,467							
31	53	96 155	11 805,189	151 190,004	12,807	12,338							
32	54	95 861	10 999,228	139 384,815	12,672	12,203							
33	55	95 539	10 245,076	128 385,588	12,531	12,062							
34	56	95 175	9 538,345	118 140,511	12,386	11,916							
35	57	94 786	8 877,953	108 602,166	12,233	11,763							
36	58	94 359	8 259,745	99 724,213	12,074	11,604							
37	59	93 882	7 680,382	91 464,467	11,909	11,439							
38	60	93 354	7 137,534	83 784,085	11,739	11,269							
39	61	92 781	6 629,651	76 646,551	11,561	11,092							
40	62	92 156	6 154,210	70 016,900	11,377	10,908							
41	63	91 478	5 709,313	63 862,690	11,186	10,716							
42	64	90 728	5 292,047	58 153,378	10,989	10,519							
43	65	89 929	4 902,251	52 861,331	10,783	10,314							
44	66	89 066	4 537,580	47 959,080	10,569	10,100							
45	67	88 133	4 196,301	43 421,500	10,348	9,878							
46	68	87 144	3 877,776	39 225,199	10,115	9,646							
47	69	86 077	3 579,710	35 347,423	9,874	9,405							
48	70	84 884	3 299,185	31 767,713	9,629	9,159							
49	71	83 599	3 036,658	28 468,528	9,375	8,905							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	1 472 392,395	14,803	14,333	50	73	80 973	2 748,860	24 402,685	8,877	8,408
1	24	99 116	92 631,796	1 372 923,359	14,821	14,352	51	74	79 362	2 517,916	21 653,824	8,600	8,130
2	25	99 076	86 536,632	1 280 291,563	14,795	14,325	52	75	77 640	2 302,117	19 135,908	8,312	7,843
3	26	99 043	80 848,878	1 193 754,930	14,765	14,296	53	76	75 774	2 099,798	16 833,792	8,017	7,547
4	27	99 014	75 537,276	1 112 906,052	14,733	14,264	54	77	73 761	1 910,301	14 733,994	7,713	7,243
5	28	98 982	70 572,725	1 037 368,776	14,699	14,230	55	78	71 635	1 733,862	12 823,693	7,396	6,927
6	29	98 949	65 934,128	966 796,052	14,663	14,194	56	79	69 289	1 567,380	11 089,831	7,075	6,606
7	30	98 916	61 599,927	900 861,924	14,624	14,155	57	80	66 729	1 410,719	9 522,451	6,750	6,281
8	31	98 878	57 548,152	839 261,997	14,584	14,114	58	81	63 921	1 262,947	8 111,732	6,423	5,953
9	32	98 839	53 761,907	781 713,844	14,540	14,071	59	82	60 864	1 123,873	6 848,784	6,094	5,624
10	33	98 798	50 223,863	727 951,938	14,494	14,025	60	83	57 499	992,282	5 724,911	5,769	5,300
11	34	98 756	46 918,257	677 728,074	14,445	13,975	61	84	53 806	867,808	4 732,629	5,454	4,984
12	35	98 711	43 829,068	630 809,817	14,392	13,923	62	85	49 841	751,258	3 864,821	5,144	4,675
13	36	98 657	40 938,994	586 980,750	14,338	13,868	63	86	45 625	642,725	3 113,563	4,844	4,375
14	37	98 600	38 238,944	546 041,755	14,280	13,810	64	87	41 194	542,335	2 470,837	4,556	4,086
15	38	98 538	35 714,873	507 802,812	14,218	13,749	65	88	36 587	450,175	1 928,502	4,284	3,814
16	39	98 469	33 354,706	472 087,939	14,154	13,684	66	89	31 943	367,327	1 478,328	4,025	3,555
17	40	98 382	31 145,216	438 733,233	14,087	13,617	67	90	27 361	294,053	1 111,000	3,778	3,309
18	41	98 293	29 081,494	407 588,017	14,015	13,546	68	91	22 914	230,148	816,947	3,550	3,080
19	42	98 184	27 148,562	378 506,523	13,942	13,473	69	92	18 737	175,879	586,799	3,336	2,867
20	43	98 065	25 341,786	351 357,961	13,865	13,395	70	93	14 894	130,666	410,920	3,145	2,675
21	44	97 936	23 652,934	326 016,176	13,783	13,314	71	94	11 510	94,366	280,254	2,970	2,500
22	45	97 804	22 075,705	302 363,241	13,697	13,227	72	95	8 648	66,261	185,889	2,805	2,336
23	46	97 658	20 600,668	280 287,536	13,606	13,136	73	96	6 279	44,968	119,628	2,660	2,191
24	47	97 501	19 222,081	259 686,869	13,510	13,040	74	97	4 395	29,414	74,660	2,538	2,069
25	48	97 330	17 933,001	240 464,788	13,409	12,940	75	98	3 003	18,783	45,246	2,409	1,939
26	49	97 140	16 726,996	222 531,787	13,304	12,834	76	99	1 975	11,545	26,463	2,292	1,823
27	50	96 933	15 599,503	205 804,791	13,193	12,724	77	100	1 248	6,821	14,918	2,187	1,718
28	51	96 711	14 545,548	190 205,288	13,077	12,607							
29	52	96 466	13 559,467	175 659,740	12,955	12,485							
30	53	96 205	12 638,226	162 100,273	12,826	12,357							
31	54	95 916	11 775,929	149 462,047	12,692	12,223							
32	55	95 597	10 968,933	137 686,118	12,552	12,083							
33	56	95 241	10 213,190	126 717,186	12,407	11,938							
34	57	94 853	9 506,090	116 503,996	12,256	11,786							
35	58	94 430	8 844,605	106 997,905	12,098	11,628							
36	59	93 965	8 225,273	98 153,300	11,933	11,464							
37	60	93 447	7 644,788	89 928,027	11,763	11,294							
38	61	92 875	7 100,941	82 283,240	11,588	11,118							
39	62	92 262	6 592,617	75 182,298	11,404	10,935							
40	63	91 592	6 116,534	68 589,682	11,214	10,744							
41	64	90 860	5 670,717	62 473,147	11,017	10,547							
42	65	90 056	5 252,839	56 802,431	10,814	10,344							
43	66	89 208	4 862,966	51 549,592	10,600	10,131							
44	67	88 286	4 497,841	46 686,626	10,380	9,910							
45	68	87 308	4 157,033	42 188,785	10,149	9,679							
46	69	86 255	3 838,207	38 031,753	9,909	9,439							
47	70	85 083	3 538,378	34 193,545	9,664	9,194							
48	71	83 819	3 257,774	30 655,167	9,410	8,940							
49	72	82 444	2 994,709	27 397,393	9,149	8,679							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	1 469 902,452	14,780	14,310	50	74	79 618	2 702,855	23 333,482	8,633	8,163
1	25	99 100	92 616,580	1 370 449,685	14,797	14,328	51	75	77 918	2 472,110	20 630,627	8,345	7,876
2	26	99 057	86 519,808	1 277 833,106	14,769	14,300	52	76	76 078	2 255,798	18 158,517	8,050	7,580
3	27	99 026	80 834,467	1 191 313,297	14,738	14,268	53	77	74 095	2 053,290	15 902,719	7,745	7,275
4	28	98 993	75 521,432	1 110 478,830	14,704	14,235	54	78	71 995	1 864,571	13 849,429	7,428	6,958
5	29	98 958	70 555,929	1 034 957,397	14,669	14,199	55	79	69 686	1 686,688	11 984,858	7,106	6,636
6	30	98 925	65 917,858	964 401,468	14,630	14,161	56	80	67 155	1 519,091	10 298,170	6,779	6,310
7	31	98 888	61 582,508	898 483,611	14,590	14,120	57	81	64 376	1 360,975	8 779,079	6,451	5,981
8	32	98 847	57 529,622	836 901,103	14,547	14,078	58	82	61 338	1 211,905	7 418,103	6,121	5,652
9	33	98 806	53 743,848	779 371,482	14,502	14,032	59	83	58 003	1 071,049	6 206,198	5,795	5,325
10	34	98 763	50 206,274	725 627,634	14,453	13,983	60	84	54 325	937,512	5 135,150	5,477	5,008
11	35	98 718	46 900,344	675 421,360	14,401	13,932	61	85	50 374	812,452	4 197,637	5,167	4,697
12	36	98 665	43 808,602	628 521,017	14,347	13,877	62	86	46 168	695,895	3 385,185	4,865	4,395
13	37	98 610	40 919,472	584 712,414	14,289	13,820	63	87	41 734	587,915	2 689,290	4,574	4,105
14	38	98 551	38 219,636	543 792,942	14,228	13,759	64	88	37 111	488,592	2 101,375	4,301	3,831
15	39	98 484	35 695,083	505 573,306	14,164	13,694	65	89	32 442	399,168	1 612,783	4,040	3,571
16	40	98 404	33 333,004	469 878,223	14,096	13,627	66	90	27 829	320,013	1 213,615	3,792	3,323
17	41	98 320	31 125,497	436 545,220	14,025	13,556	67	91	23 336	250,793	893,602	3,563	3,094
18	42	98 221	29 060,179	405 419,722	13,951	13,482	68	92	19 112	191,960	642,808	3,349	2,879
19	43	98 104	27 126,657	376 359,544	13,874	13,405	69	93	15 215	142,823	450,848	3,157	2,687
20	44	97 977	25 319,087	349 232,887	13,793	13,324	70	94	11 775	103,296	308,025	2,982	2,512
21	45	97 844	23 630,562	323 913,800	13,707	13,238	71	95	8 869	72,713	204,728	2,816	2,346
22	46	97 699	22 051,959	300 283,237	13,617	13,148	72	96	6 449	49,414	132,016	2,672	2,202
23	47	97 542	20 576,273	278 231,278	13,522	13,052	73	97	4 525	32,408	82,602	2,549	2,079
24	48	97 375	19 197,104	257 655,006	13,422	12,952	74	98	3 100	20,745	50,194	2,420	1,950
25	49	97 182	17 905,794	238 457,902	13,317	12,848	75	99	2 045	12,791	29,449	2,302	1,833
26	50	96 976	16 698,827	220 552,107	13,208	12,738	76	100	1 297	7,582	16,659	2,197	1,728
27	51	96 755	15 570,739	203 853,281	13,092	12,623							
28	52	96 510	14 515,344	188 282,542	12,971	12,502							
29	53	96 253	13 529,577	173 767,198	12,844	12,374							
30	54	95 967	12 606,901	160 237,621	12,710	12,241							
31	55	95 652	11 743,494	147 630,720	12,571	12,102							
32	56	95 300	10 934,793	135 887,225	12,427	11,958							
33	57	94 919	10 178,653	124 952,432	12,276	11,806							
34	58	94 497	9 470,383	114 773,779	12,119	11,650							
35	59	94 036	8 807,692	105 303,396	11,956	11,486							
36	60	93 530	8 187,153	96 495,705	11,786	11,317							
37	61	92 968	7 605,594	88 308,552	11,611	11,141							
38	62	92 356	7 061,274	80 702,957	11,429	10,959							
39	63	91 698	6 552,257	73 641,683	11,239	10,770							
40	64	90 973	6 075,185	67 089,426	11,043	10,574							
41	65	90 187	5 628,704	61 014,241	10,840	10,370							
42	66	89 334	5 210,744	55 385,537	10,629	10,160							
43	67	88 427	4 820,377	50 174,793	10,409	9,939							
44	68	87 460	4 455,751	45 354,416	10,179	9,709							
45	69	86 417	4 114,614	40 898,665	9,940	9,470							
46	70	85 259	3 793,890	36 784,051	9,696	9,226							
47	71	84 015	3 493,965	32 990,161	9,442	8,973							
48	72	82 661	3 212,770	29 496,196	9,181	8,711							
49	73	81 212	2 949,944	26 283,426	8,910	8,440							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	1 467 241,780	14,756	14,286	50	75	78 170	2 653,685	22 226,294	8,376	7,906
1	26	99 080	92 598,574	1 367 805,351	14,771	14,302	51	76	76 351	2 422,371	19 572,610	8,080	7,610
2	27	99 039	86 504,387	1 275 206,777	14,742	14,272	52	77	74 393	2 205,835	17 150,239	7,775	7,305
3	28	99 005	80 817,513	1 188 702,390	14,708	14,239	53	78	72 322	2 004,137	14 944,404	7,457	6,987
4	29	98 970	75 503,459	1 107 884,877	14,673	14,204	54	79	70 036	1 813,841	12 940,266	7,134	6,665
5	30	98 934	70 538,518	1 032 381,418	14,636	14,166	55	80	67 539	1 634,724	11 126,426	6,806	6,337
6	31	98 897	65 899,217	961 842,900	14,596	14,126	56	81	64 787	1 465,526	9 491,702	6,477	6,007
7	32	98 856	61 562,678	895 943,683	14,553	14,084	57	82	61 774	1 305,971	8 026,176	6,146	5,676
8	33	98 813	57 510,297	834 381,005	14,508	14,040	58	83	58 455	1 154,943	6 720,205	5,819	5,349
9	34	98 771	53 725,025	776 870,708	14,460	13,991	59	84	54 802	1 011,931	5 565,262	5,500	5,030
10	35	98 726	50 187,105	723 145,683	14,409	13,939	60	85	50 860	877,710	4 553,331	5,188	4,718
11	36	98 672	46 878,444	672 958,578	14,355	13,886	61	86	46 662	752,580	3 675,621	4,884	4,415
12	37	98 618	43 787,712	626 080,133	14,298	13,829	62	87	42 231	636,550	2 923,041	4,592	4,122
13	38	98 560	40 898,811	582 292,422	14,237	13,768	63	88	37 599	529,655	2 286,491	4,317	3,847
14	39	98 496	38 198,458	541 393,611	14,173	13,704	64	89	32 907	433,233	1 756,835	4,055	3,586
15	40	98 420	35 671,858	503 195,153	14,106	13,637	65	90	28 263	347,753	1 323,603	3,806	3,337
16	41	98 342	33 311,900	467 523,295	14,035	13,565	66	91	23 735	272,934	975,850	3,575	3,106
17	42	98 248	31 102,684	434 211,395	13,961	13,491	67	92	19 464	209,179	702,916	3,360	2,891
18	43	98 142	29 036,731	403 108,711	13,883	13,413	68	93	15 520	155,882	493,736	3,167	2,698
19	44	98 016	27 102,360	374 071,980	13,802	13,333	69	94	12 028	112,908	337,854	2,992	2,523
20	45	97 884	25 295,139	346 969,620	13,717	13,247	70	95	9 073	79,594	224,947	2,826	2,357
21	46	97 739	23 605,144	321 674,481	13,627	13,158	71	96	6 614	54,225	145,352	2,681	2,211
22	47	97 583	22 025,845	298 069,337	13,533	13,063	72	97	4 648	35,612	91,127	2,559	2,089
23	48	97 416	20 549,536	276 043,492	13,433	12,964	73	98	3 192	22,856	55,515	2,429	1,959
24	49	97 227	19 167,980	255 493,955	13,329	12,860	74	99	2 111	14,127	32,659	2,312	1,842
25	50	97 019	17 875,640	236 325,975	13,221	12,751	75	100	1 343	8,400	18,533	2,206	1,737
26	51	96 797	16 668,036	218 450,336	13,106	12,636							
27	52	96 554	15 538,406	201 782,300	12,986	12,517							
28	53	96 297	14 483,346	186 243,894	12,859	12,390							
29	54	96 014	13 496,043	171 760,548	12,727	12,257							
30	55	95 703	12 572,178	158 264,505	12,588	12,119							
31	56	95 354	11 706,944	145 692,327	12,445	11,975							
32	57	94 977	10 897,816	133 985,382	12,295	11,825							
33	58	94 563	10 140,419	123 087,566	12,138	11,669							
34	59	94 102	9 430,857	112 947,147	11,976	11,507							
35	60	93 600	8 766,873	103 516,290	11,808	11,338							
36	61	93 050	8 145,179	94 749,417	11,633	11,163							
37	62	92 449	7 563,108	86 604,238	11,451	10,981							
38	63	91 791	7 018,046	79 041,130	11,263	10,793							
39	64	91 078	6 507,963	72 023,084	11,067	10,597							
40	65	90 299	6 030,176	65 515,122	10,865	10,395							
41	66	89 464	5 583,597	59 484,946	10,654	10,184							
42	67	88 552	5 165,110	53 901,349	10,436	9,966							
43	68	87 599	4 775,268	48 736,239	10,206	9,736							
44	69	86 567	4 410,284	43 960,971	9,968	9,498							
45	70	85 419	4 067,106	39 550,687	9,725	9,255							
46	71	84 189	3 746,270	35 483,581	9,472	9,002							
47	72	82 854	3 445,698	31 737,311	9,211	8,741							
48	73	81 425	3 164,746	28 291,613	8,940	8,470							
49	74	79 853	2 900,574	25 126,868	8,663	8,193							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	3 203,222	38 776,736	12,106	11,636
1	0	99 661	93 141,497	1 401 194,594	15,044	14,574	51	50	93 896	2 979,021	35 573,514	11,941	11,472
2	1	99 349	86 775,420	1 308 053,097	15,074	14,604	52	51	93 387	2 769,055	32 594,493	11,771	11,301
3	2	99 314	81 069,701	1 221 277,677	15,065	14,595	53	52	92 821	2 572,208	29 825,438	11,595	11,126
4	3	99 289	75 747,139	1 140 207,976	15,053	14,583	54	53	92 198	2 387,806	27 253,230	11,414	10,944
5	4	99 268	70 776,584	1 064 460,837	15,040	14,570	55	54	91 509	2 214,914	24 865,424	11,226	10,757
6	5	99 250	66 134,241	993 684,252	15,025	14,556	56	55	90 738	2 052,573	22 650,510	11,035	10,566
7	6	99 234	61 797,937	927 550,012	15,009	14,540	57	56	89 883	1 900,210	20 597,937	10,840	10,370
8	7	99 217	57 745,252	865 752,074	14,993	14,523	58	57	88 946	1 757,379	18 697,727	10,640	10,170
9	8	99 205	53 960,845	808 006,822	14,974	14,504	59	58	87 927	1 623,603	16 940,348	10,434	9,964
10	9	99 190	50 423,014	754 045,977	14,954	14,485	60	59	86 799	1 497,922	15 316,745	10,225	9,756
11	10	99 177	47 118,299	703 622,963	14,933	14,464	61	60	85 572	1 380,126	13 818,823	10,013	9,543
12	11	99 165	44 030,302	656 504,664	14,910	14,441	62	61	84 231	1 269,632	12 438,696	9,797	9,328
13	12	99 148	41 143,008	612 474,363	14,886	14,417	63	62	82 776	1 166,075	11 169,064	9,578	9,109
14	13	99 133	38 445,406	571 331,355	14,861	14,391	64	63	81 204	1 069,087	10 002,989	9,357	8,887
15	14	99 113	35 923,008	532 885,949	14,834	14,365	65	64	79 515	978,366	8 933,902	9,131	8,662
16	15	99 088	33 564,590	496 962,942	14,806	14,337	66	65	77 714	893,654	7 955,536	8,902	8,433
17	16	99 054	31 357,972	463 398,352	14,778	14,308	67	66	75 796	814,579	7 061,882	8,669	8,200
18	17	99 015	29 294,956	432 040,380	14,748	14,278	68	67	73 774	740,978	6 247,303	8,431	7,962
19	18	98 964	27 364,347	402 745,425	14,718	14,248	69	68	71 648	672,550	5 506,325	8,187	7,718
20	19	98 908	25 559,686	375 381,078	14,686	14,217	70	69	69 422	609,021	4 833,776	7,937	7,467
21	20	98 851	23 873,776	349 821,392	14,653	14,183	71	70	67 076	549,942	4 224,754	7,682	7,213
22	21	98 795	22 299,265	325 947,616	14,617	14,147	72	71	64 582	494,857	3 674,813	7,426	6,956
23	22	98 737	20 828,161	303 648,351	14,579	14,109	73	72	62 016	444,106	3 179,956	7,160	6,691
24	23	98 678	19 454,127	282 820,190	14,538	14,068	74	73	59 328	397,061	2 735,849	6,890	6,421
25	24	98 617	18 170,126	263 366,063	14,494	14,025	75	74	56 516	353,497	2 338,788	6,616	6,147
26	25	98 557	16 971,138	245 195,937	14,448	13,978	76	75	53 588	313,255	1 985,291	6,338	5,868
27	26	98 495	15 850,805	228 224,799	14,398	13,929	77	76	50 543	276,129	1 672,036	6,055	5,586
28	27	98 433	14 804,535	212 373,994	14,345	13,876	78	77	47 434	242,188	1 395,907	5,764	5,294
29	28	98 367	13 826,714	197 569,459	14,289	13,819	79	78	44 228	211,046	1 153,719	5,467	4,997
30	29	98 295	12 912,713	183 742,746	14,230	13,760	80	79	40 896	182,380	942,672	5,169	4,699
31	30	98 219	12 058,607	170 830,032	14,167	13,697	81	80	37 425	155,982	760,292	4,874	4,405
32	31	98 135	11 260,076	158 771,425	14,100	13,631	82	81	33 859	131,890	604,310	4,582	4,112
33	32	98 043	10 513,621	147 511,349	14,030	13,561	83	82	30 236	110,071	472,420	4,292	3,822
34	33	97 941	9 815,626	136 997,728	13,957	13,488	84	83	26 539	90,290	362,349	4,013	3,544
35	34	97 838	9 163,825	127 182,102	13,879	13,409	85	84	22 828	72,584	272,059	3,748	3,279
36	35	97 727	8 554,590	118 018,276	13,796	13,326	86	85	19 194	57,036	199,475	3,497	3,028
37	36	97 595	7 984,153	109 463,687	13,710	13,241	87	86	15 740	43,715	142,439	3,258	2,789
38	37	97 451	7 450,827	101 479,534	13,620	13,150	88	87	12 540	32,549	98,724	3,033	2,564
39	38	97 303	6 952,802	94 028,707	13,524	13,054	89	88	9 640	23,384	66,176	2,830	2,360
40	39	97 137	6 486,847	87 075,904	13,423	12,954	90	89	7 136	16,177	42,792	2,645	2,176
41	40	96 954	6 051,031	80 589,057	13,318	12,849	91	90	5 077	10,756	26,615	2,474	2,005
42	41	96 752	5 643,390	74 538,026	13,208	12,739	92	91	3 461	6,853	15,859	2,314	1,845
43	42	96 544	5 262,875	68 894,636	13,091	12,621	93	92	2 240	4,146	9,006	2,173	1,703
44	43	96 312	4 906,769	63 631,761	12,968	12,499	94	93	1 374	2,376	4,861	2,046	1,577
45	44	96 059	4 573,714	58 724,992	12,840	12,370	95	94	793	1,281	2,485	1,940	1,470
46	45	95 788	4 262,431	54 151,277	12,704	12,235	96	95	433	0,654	1,204	1,840	1,370
47	46	95 488	3 971,087	49 888,847	12,563	12,094	97	96	221	0,313	0,550	1,758	1,289
48	47	95 152	3 698,258	45 917,760	12,416	11,947	98	97	106	0,140	0,237	1,687	1,218
49	48	94 779	3 442,766	42 219,502	12,263	11,794	99	98	49	0,060	0,097	1,609	1,140
							100	99	21	0,024	0,037	1,546	1,077

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0							50	48	94 501	3 208,089	39 004,277	12,158	11,689
1							51	49	94 054	2 984,046	35 796,187	11,996	11,526
2	0	99 637	87 027,091	1 308 721,785	15,038	14,569	52	50	93 560	2 774,170	32 812,142	11,828	11,358
3	1	99 336	81 087,736	1 221 694,694	15,066	14,597	53	51	93 014	2 577,560	30 037,972	11,654	11,184
4	2	99 302	75 757,094	1 140 606,959	15,056	14,587	54	52	92 402	2 393,082	27 460,411	11,475	11,005
5	3	99 278	70 783,642	1 064 849,865	15,044	14,574	55	53	91 737	2 220,418	25 067,330	11,289	10,820
6	4	99 259	66 140,329	994 066,223	15,030	14,560	56	54	90 989	2 058,242	22 846,912	11,100	10,631
7	5	99 241	61 802,136	927 925,894	15,014	14,545	57	55	90 163	1 906,142	20 788,670	10,906	10,437
8	6	99 224	57 749,469	866 123,758	14,998	14,528	58	56	89 247	1 763,342	18 882,528	10,708	10,239
9	7	99 210	53 963,415	808 374,289	14,980	14,511	59	57	88 259	1 629,725	17 119,186	10,504	10,035
10	8	99 197	50 426,648	754 410,873	14,961	14,491	60	58	87 163	1 504,200	15 489,461	10,297	9,828
11	9	99 182	47 120,803	703 984,225	14,940	14,470	61	59	85 970	1 386,552	13 985,261	10,086	9,617
12	10	99 170	44 032,750	656 863,422	14,918	14,448	62	60	84 665	1 276,175	12 598,708	9,872	9,403
13	11	99 156	41 146,172	612 830,672	14,894	14,424	63	61	83 241	1 172,626	11 322,534	9,656	9,186
14	12	99 139	38 447,836	571 684,500	14,869	14,400	64	62	81 704	1 075,672	10 149,908	9,436	8,966
15	13	99 121	35 925,847	533 236,665	14,843	14,373	65	63	80 056	985,025	9 074,236	9,212	8,743
16	14	99 097	33 567,686	497 310,818	14,815	14,346	66	64	78 294	900,324	8 089,211	8,985	8,515
17	15	99 066	31 361,602	463 743,131	14,787	14,317	67	65	76 408	821,159	7 188,887	8,755	8,285
18	16	99 028	29 298,701	432 381,529	14,758	14,288	68	66	74 426	747,524	6 367,727	8,518	8,049
19	17	98 977	27 367,895	403 082,828	14,728	14,259	69	67	72 325	678,903	5 620,203	8,278	7,809
20	18	98 924	25 563,836	375 714,933	14,697	14,228	70	68	70 138	615,300	4 941,300	8,031	7,561
21	19	98 867	23 877,701	350 151,097	14,664	14,195	71	69	67 859	556,366	4 326,000	7,775	7,306
22	20	98 811	22 302,916	326 273,396	14,629	14,160	72	70	65 403	501,147	3 769,634	7,522	7,052
23	21	98 753	20 831,698	303 970,480	14,592	14,122	73	71	62 885	450,328	3 268,487	7,258	6,789
24	22	98 695	19 457,391	283 138,783	14,552	14,082	74	72	60 228	403,087	2 818,159	6,991	6,522
25	23	98 633	18 173,099	263 681,391	14,509	14,040	75	73	57 478	359,514	2 415,073	6,718	6,248
26	24	98 574	16 973,926	245 508,292	14,464	13,994	76	74	54 581	319,059	2 055,559	6,443	5,973
27	25	98 514	15 853,887	228 534,366	14,415	13,946	77	75	51 581	281,799	1 736,499	6,162	5,693
28	26	98 451	14 807,174	212 680,479	14,363	13,894	78	76	48 508	247,674	1 454,701	5,873	5,404
29	27	98 387	13 829,614	197 873,305	14,308	13,838	79	77	45 313	216,222	1 207,027	5,582	5,113
30	28	98 318	12 915,787	184 043,691	14,250	13,780	80	78	42 040	187,481	990,805	5,285	4,815
31	29	98 243	12 061,583	171 127,904	14,188	13,718	81	79	38 615	160,940	803,323	4,991	4,522
32	30	98 162	11 263,261	159 066,320	14,123	13,653	82	80	35 097	136,710	642,383	4,699	4,229
33	31	98 075	10 517,007	147 803,059	14,054	13,584	83	81	31 510	114,707	505,673	4,408	3,939
34	32	97 974	9 818,925	137 286,052	13,982	13,512	84	82	27 848	94,743	390,966	4,127	3,657
35	33	97 873	9 167,036	127 467,127	13,905	13,435	85	83	24 161	76,824	296,223	3,856	3,386
36	34	97 764	8 557,857	118 300,091	13,824	13,354	86	84	20 501	60,922	219,398	3,601	3,132
37	35	97 641	7 987,883	109 742,234	13,739	13,269	87	85	16 993	47,192	158,476	3,358	2,889
38	36	97 498	7 454,382	101 754,351	13,650	13,181	88	86	13 709	35,583	111,283	3,127	2,658
39	37	97 352	6 956,315	94 299,969	13,556	13,087	89	87	10 700	25,956	75,700	2,916	2,447
40	38	97 191	6 490,443	87 343,655	13,457	12,988	90	88	8 047	18,244	49,744	2,727	2,257
41	39	97 017	6 054,971	80 853,211	13,353	12,884	91	89	5 827	12,346	31,500	2,551	2,082
42	40	96 813	5 646,965	74 798,240	13,246	12,776	92	90	4 058	8,035	19,154	2,384	1,914
43	41	96 615	5 266,735	69 151,275	13,130	12,660	93	91	2 686	4,970	11,119	2,237	1,768
44	42	96 390	4 910,731	63 884,540	13,009	12,540	94	92	1 691	2,925	6,149	2,102	1,633
45	43	96 145	4 577,815	58 973,808	12,883	12,413	95	93	1 003	1,621	3,224	1,989	1,519
46	44	95 879	4 266,466	54 395,994	12,750	12,280	96	94	562	0,849	1,603	1,888	1,418
47	45	95 590	3 975,363	50 129,528	12,610	12,141	97	95	297	0,419	0,754	1,798	1,329
48	46	95 265	3 702,643	46 154,165	12,465	11,996	98	96	148	0,195	0,335	1,717	1,248
49	47	94 902	3 447,245	42 451,522	12,315	11,845	99	97	69	0,085	0,140	1,644	1,174
							100	98	30	0,035	0,055	1,577	1,107

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	3 212,263	39 212,962	12,207	11,738
1							51	48	94 197	2 988,580	36 000,699	12,046	11,577
2							52	49	93 718	2 778,850	33 012,119	11,880	11,410
3	0	99 624	81 322,911	1 222 311,339	15,030	14,561	53	50	93 186	2 582,322	30 233,270	11,708	11,238
4	1	99 324	75 773,947	1 140 988,428	15,058	14,588	54	51	92 594	2 398,061	27 650,948	11,531	11,061
5	2	99 291	70 792,944	1 065 214,481	15,047	14,577	55	52	91 939	2 225,323	25 252,887	11,348	10,878
6	3	99 269	66 146,924	994 421,537	15,034	14,564	56	53	91 215	2 063,356	23 027,563	11,160	10,691
7	4	99 250	61 807,826	928 274,613	15,019	14,549	57	54	90 412	1 911,407	20 964,207	10,968	10,498
8	5	99 231	57 753,393	866 466,787	15,003	14,533	58	55	89 526	1 768,847	19 052,800	10,771	10,302
9	6	99 217	53 967,356	808 713,394	14,985	14,516	59	56	88 558	1 635,254	17 283,953	10,570	10,100
10	7	99 202	50 429,050	754 746,039	14,966	14,497	60	57	87 492	1 509,872	15 648,698	10,364	9,895
11	8	99 189	47 124,199	704 316,988	14,946	14,476	61	58	86 330	1 392,363	14 138,826	10,155	9,685
12	9	99 175	44 035,090	657 192,789	14,924	14,455	62	59	85 059	1 282,117	12 746,463	9,942	9,472
13	10	99 161	41 148,459	613 157,699	14,901	14,432	63	60	83 670	1 178,668	11 464,347	9,727	9,257
14	11	99 147	38 450,793	572 009,239	14,876	14,407	64	61	82 163	1 081,715	10 285,678	9,509	9,039
15	12	99 127	35 928,118	533 558,447	14,851	14,381	65	62	80 549	991,093	9 203,963	9,287	8,817
16	13	99 105	33 570,340	497 630,329	14,824	14,354	66	63	78 827	906,452	8 212,871	9,060	8,591
17	14	99 075	31 364,496	464 059,989	14,796	14,326	67	64	76 979	827,289	7 306,419	8,832	8,362
18	15	99 039	29 302,094	432 695,494	14,767	14,297	68	65	75 027	753,563	6 479,130	8,598	8,128
19	16	98 989	27 371,394	403 393,400	14,738	14,268	69	66	72 964	684,901	5 725,567	8,360	7,890
20	17	98 937	25 567,151	376 022,006	14,707	14,238	70	67	70 800	621,112	5 040,666	8,116	7,646
21	18	98 883	23 881,577	350 454,855	14,675	14,205	71	68	68 559	562,102	4 419,554	7,863	7,393
22	19	98 827	22 306,582	326 573,278	14,640	14,171	72	69	66 167	507,001	3 857,452	7,608	7,139
23	20	98 769	20 835,108	304 266,696	14,604	14,134	73	70	63 684	456,052	3 350,451	7,347	6,877
24	21	98 712	19 460,696	283 431,588	14,564	14,095	74	71	61 072	408,733	2 894,399	7,081	6,612
25	22	98 650	18 176,148	263 970,892	14,523	14,053	75	72	58 350	364,969	2 485,666	6,811	6,341
26	23	98 590	16 976,703	245 794,744	14,478	14,009	76	73	55 510	324,490	2 120,697	6,535	6,066
27	24	98 530	15 856,492	228 818,041	14,431	13,961	77	74	52 537	287,020	1 796,207	6,258	5,789
28	25	98 470	14 810,053	212 961,549	14,380	13,910	78	75	49 504	252,760	1 509,187	5,971	5,501
29	26	98 405	13 832,080	198 151,496	14,326	13,856	79	76	46 339	221,120	1 256,427	5,682	5,213
30	27	98 339	12 918,497	184 319,416	14,268	13,798	80	77	43 071	192,079	1 035,307	5,390	4,920
31	28	98 266	12 064,455	171 400,919	14,207	13,738	81	78	39 695	165,442	843,228	5,097	4,627
32	29	98 187	11 266,041	159 336,465	14,143	13,674	82	79	36 213	141,056	677,786	4,805	4,336
33	30	98 102	10 519,982	148 070,423	14,075	13,606	83	80	32 661	118,899	536,730	4,514	4,045
34	31	98 006	9 822,087	137 550,441	14,004	13,535	84	81	29 020	98,734	417,831	4,232	3,762
35	32	97 905	9 170,116	127 728,354	13,929	13,459	85	82	25 353	80,613	319,097	3,958	3,489
36	33	97 799	8 560,855	118 558,237	13,849	13,379	86	83	21 699	64,482	238,484	3,698	3,229
37	34	97 678	7 990,934	109 997,382	13,765	13,296	87	84	18 150	50,408	174,002	3,452	2,982
38	35	97 543	7 457,864	102 006,448	13,678	13,208	88	85	14 800	38,414	123,594	3,217	2,748
39	36	97 399	6 959,634	94 548,584	13,585	13,116	89	86	11 698	28,376	85,180	3,002	2,532
40	37	97 240	6 493,722	87 588,951	13,488	13,019	90	87	8 933	20,251	56,805	2,805	2,336
41	38	97 071	6 058,328	81 095,228	13,386	12,916	91	88	6 572	13,924	36,554	2,625	2,156
42	39	96 876	5 650,642	75 036,900	13,279	12,810	92	89	4 658	9,223	22,630	2,454	1,984
43	40	96 676	5 270,072	69 386,258	13,166	12,697	93	90	3 149	5,828	13,408	2,301	1,831
44	41	96 461	4 914,333	64 116,186	13,047	12,577	94	91	2 028	3,507	7,580	2,161	1,692
45	42	96 223	4 581,511	59 201,853	12,922	12,452	95	92	1 235	1,996	4,073	2,040	1,571
46	43	95 965	4 270,291	54 620,342	12,791	12,321	96	93	711	1,074	2,077	1,933	1,464
47	44	95 681	3 979,127	50 350,051	12,654	12,184	97	94	385	0,544	1,002	1,843	1,373
48	45	95 368	3 706,630	46 370,924	12,510	12,041	98	95	198	0,261	0,458	1,755	1,285
49	46	95 015	3 451,332	42 664,295	12,362	11,892	99	96	96	0,118	0,197	1,671	1,201
							100	97	43	0,049	0,079	1,608	1,139

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	3 216,072	39 404,178	12,252	11,783
1							51	47	94 320	2 992,468	36 188,107	12,093	11,624
2							52	48	93 860	2 783,072	33 195,639	11,928	11,458
3							53	49	93 343	2 586,678	30 412,567	11,757	11,288
4	0	99 612	75 993,711	1 141 556,968	15,022	14,552	54	50	92 765	2 402,491	27 825,889	11,582	11,113
5	1	99 313	70 808,693	1 065 563,257	15,048	14,579	55	51	92 131	2 229,954	25 423,398	11,401	10,931
6	2	99 282	66 155,617	994 754,564	15,037	14,567	56	52	91 416	2 067,915	23 193,444	11,216	10,746
7	3	99 260	61 813,989	928 598,947	15,022	14,553	57	53	90 637	1 916,156	21 125,529	11,025	10,555
8	4	99 240	57 758,710	866 784,958	15,007	14,537	58	54	89 773	1 773,733	19 209,373	10,830	10,360
9	5	99 224	53 971,023	809 026,249	14,990	14,520	59	55	88 835	1 640,360	17 435,640	10,629	10,160
10	6	99 209	50 432,733	755 055,226	14,972	14,502	60	56	87 789	1 514,995	15 795,280	10,426	9,956
11	7	99 194	47 126,444	704 622,493	14,952	14,482	61	57	86 656	1 397,613	14 280,285	10,218	9,748
12	8	99 183	44 038,264	657 496,049	14,930	14,461	62	58	85 416	1 287,490	12 882,672	10,006	9,537
13	9	99 167	41 150,647	613 457,785	14,908	14,438	63	59	84 060	1 184,156	11 595,182	9,792	9,322
14	10	99 152	38 452,930	572 307,139	14,883	14,414	64	60	82 586	1 087,289	10 411,026	9,575	9,106
15	11	99 134	35 930,881	533 854,208	14,858	14,388	65	61	81 001	996,660	9 323,737	9,355	8,885
16	12	99 111	33 572,461	497 923,327	14,831	14,362	66	62	79 312	912,035	8 327,076	9,130	8,661
17	13	99 082	31 366,975	464 350,866	14,804	14,334	67	63	77 503	832,919	7 415,041	8,902	8,433
18	14	99 048	29 304,797	432 983,891	14,775	14,306	68	64	75 587	759,188	6 582,122	8,670	8,200
19	15	99 001	27 374,563	403 679,094	14,747	14,277	69	65	73 553	690,434	5 822,934	8,434	7,964
20	16	98 949	25 570,420	376 304,531	14,716	14,247	70	66	71 426	626,600	5 132,500	8,191	7,722
21	17	98 896	23 884,674	350 734,111	14,684	14,215	71	67	69 206	567,411	4 505,900	7,941	7,472
22	18	98 843	22 310,204	326 849,437	14,650	14,181	72	68	66 849	512,228	3 938,489	7,689	7,219
23	19	98 786	20 838,533	304 539,234	14,614	14,145	73	69	64 428	461,379	3 426,261	7,426	6,957
24	20	98 728	19 463,882	283 700,700	14,576	14,106	74	70	61 848	413,929	2 964,882	7,163	6,693
25	21	98 667	18 179,235	264 236,819	14,535	14,066	75	71	59 167	370,082	2 550,953	6,893	6,423
26	22	98 606	16 979,552	246 057,584	14,491	14,022	76	72	56 352	329,414	2 180,871	6,620	6,151
27	23	98 546	15 859,086	229 078,032	14,445	13,975	77	73	53 431	291,905	1 851,457	6,343	5,873
28	24	98 486	14 812,486	213 218,946	14,395	13,925	78	74	50 422	257,443	1 559,552	6,058	5,588
29	25	98 424	13 834,769	198 406,460	14,341	13,872	79	75	47 290	225,660	1 302,109	5,770	5,301
30	26	98 356	12 920,800	184 571,690	14,285	13,815	80	76	44 046	196,430	1 076,449	5,480	5,011
31	27	98 287	12 066,986	171 650,891	14,225	13,755	81	77	40 668	169,499	880,019	5,192	4,722
32	28	98 210	11 268,723	159 583,905	14,162	13,692	82	78	37 226	145,001	710,520	4,900	4,431
33	29	98 127	10 522,579	148 315,182	14,095	13,625	83	79	33 700	122,679	565,519	4,610	4,140
34	30	98 034	9 824,866	137 792,603	14,025	13,555	84	80	30 081	102,343	442,840	4,327	3,858
35	31	97 937	9 173,070	127 967,737	13,950	13,481	85	81	26 421	84,009	340,497	4,053	3,584
36	32	97 832	8 563,732	118 794,667	13,872	13,402	86	82	22 769	67,662	256,489	3,791	3,321
37	33	97 712	7 993,734	110 230,935	13,790	13,320	87	83	19 211	53,353	188,827	3,539	3,070
38	34	97 581	7 460,713	102 237,202	13,703	13,234	88	84	15 808	41,031	135,474	3,302	2,832
39	35	97 444	6 962,885	94 776,489	13,612	13,142	89	85	12 628	30,633	94,443	3,083	2,614
40	36	97 286	6 496,820	87 813,604	13,516	13,047	90	86	9 765	22,139	63,810	2,882	2,413
41	37	97 120	6 061,389	81 316,784	13,416	12,946	91	87	7 295	15,455	41,671	2,696	2,227
42	38	96 930	5 653,775	75 255,396	13,311	12,841	92	88	5 253	10,401	26,216	2,520	2,051
43	39	96 739	5 273,503	69 601,621	13,198	12,729	93	89	3 615	6,689	15,814	2,364	1,895
44	40	96 522	4 917,447	64 328,118	13,082	12,612	94	90	2 378	4,112	9,125	2,219	1,750
45	41	96 294	4 584,872	59 410,671	12,958	12,488	95	91	1 481	2,393	5,013	2,095	1,625
46	42	96 042	4 273,739	54 825,799	12,829	12,359	96	92	876	1,323	2,620	1,981	1,511
47	43	95 767	3 982,694	50 552,060	12,693	12,223	97	93	487	0,688	1,297	1,885	1,415
48	44	95 458	3 710,139	46 569,366	12,552	12,082	98	94	257	0,339	0,609	1,796	1,326
49	45	95 117	3 455,049	42 859,227	12,405	11,935	99	95	128	0,158	0,270	1,705	1,236
							100	96	59	0,068	0,112	1,634	1,164

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	3 219,535	39 579,237	12,293	11,824
1							51	46	94 431	2 996,016	36 359,703	12,136	11,667
2							52	47	93 982	2 786,693	33 363,687	11,973	11,503
3							53	48	93 485	2 590,608	30 576,994	11,803	11,334
4							54	49	92 922	2 406,544	27 986,386	11,629	11,160
5	0	99 601	71 014,056	1 066 087,365	15,012	14,543	55	50	92 301	2 234,073	25 579,842	11,450	10,980
6	1	99 304	66 170,334	995 073,309	15,038	14,569	56	51	91 607	2 072,218	23 345,768	11,266	10,797
7	2	99 273	61 822,112	928 902,975	15,025	14,556	57	52	90 837	1 920,390	21 273,551	11,078	10,608
8	3	99 250	57 764,469	867 080,863	15,011	14,541	58	53	89 996	1 778,140	19 353,161	10,884	10,414
9	4	99 233	53 975,991	809 316,394	14,994	14,524	59	54	89 080	1 644,890	17 575,021	10,685	10,215
10	5	99 216	50 436,159	755 340,403	14,976	14,507	60	55	88 063	1 519,725	15 930,131	10,482	10,013
11	6	99 201	47 129,885	704 904,243	14,957	14,487	61	56	86 950	1 402,355	14 410,406	10,276	9,806
12	7	99 187	44 040,362	657 774,358	14,936	14,466	62	57	85 738	1 292,344	13 008,050	10,065	9,596
13	8	99 174	41 153,612	613 733,997	14,913	14,444	63	58	84 412	1 189,119	11 715,706	9,852	9,383
14	9	99 157	38 454,974	572 580,384	14,890	14,420	64	59	82 971	1 092,351	10 526,587	9,637	9,167
15	10	99 140	35 932,879	534 125,410	14,865	14,395	65	60	81 419	1 001,796	9 434,235	9,417	8,948
16	11	99 119	33 575,043	498 192,531	14,838	14,369	66	61	79 758	917,158	8 432,439	9,194	8,725
17	12	99 089	31 368,957	464 617,488	14,811	14,342	67	62	77 980	838,050	7 515,281	8,968	8,498
18	13	99 056	29 307,113	433 248,530	14,783	14,314	68	63	76 101	764,355	6 677,231	8,736	8,266
19	14	99 010	27 377,089	403 941,417	14,755	14,285	69	64	74 102	695,588	5 912,875	8,501	8,031
20	15	98 961	25 573,380	376 564,328	14,725	14,255	70	65	72 003	631,662	5 217,288	8,260	7,790
21	16	98 909	23 887,727	350 990,948	14,693	14,224	71	66	69 818	572,425	4 585,626	8,011	7,541
22	17	98 856	22 313,097	327 103,220	14,660	14,190	72	67	67 481	517,067	4 013,202	7,761	7,292
23	18	98 802	20 841,916	304 790,123	14,624	14,154	73	68	65 092	466,135	3 496,135	7,500	7,031
24	19	98 744	19 467,081	283 948,207	14,586	14,117	74	69	62 570	418,764	3 030,000	7,236	6,766
25	20	98 683	18 182,211	264 481,126	14,546	14,077	75	70	59 919	374,786	2 611,236	6,967	6,498
26	21	98 623	16 982,435	246 298,914	14,503	14,034	76	71	57 141	334,029	2 236,450	6,695	6,226
27	22	98 563	15 861,747	229 316,479	14,457	13,988	77	72	54 242	296,335	1 902,421	6,420	5,950
28	23	98 502	14 814,910	213 454,732	14,408	13,939	78	73	51 280	261,825	1 606,086	6,134	5,665
29	24	98 440	13 837,042	198 639,823	14,356	13,886	79	74	48 167	229,841	1 344,261	5,849	5,379
30	25	98 376	12 923,312	184 802,780	14,300	13,830	80	75	44 951	200,463	1 114,420	5,559	5,090
31	26	98 304	12 069,137	171 879,468	14,241	13,772	81	76	41 589	173,338	913,957	5,273	4,803
32	27	98 231	11 271,087	159 810,331	14,179	13,709	82	77	38 138	148,557	740,618	4,985	4,516
33	28	98 150	10 525,083	148 539,244	14,113	13,643	83	78	34 642	126,110	592,061	4,695	4,225
34	29	98 058	9 827,291	138 014,160	14,044	13,574	84	79	31 037	105,596	465,951	4,413	3,943
35	30	97 965	9 175,665	128 186,870	13,970	13,501	85	80	27 386	87,079	360,355	4,138	3,669
36	31	97 863	8 566,490	119 011,205	13,893	13,423	86	81	23 728	70,512	273,276	3,876	3,406
37	32	97 745	7 996,420	110 444,715	13,812	13,342	87	82	20 158	55,984	202,764	3,622	3,152
38	33	97 615	7 463,327	102 448,295	13,727	13,257	88	83	16 732	43,428	146,780	3,380	2,910
39	34	97 482	6 965,544	94 984,968	13,636	13,167	89	84	13 489	32,720	103,352	3,159	2,689
40	35	97 332	6 499,855	88 019,424	13,542	13,072	90	85	10 542	23,900	70,632	2,955	2,486
41	36	97 166	6 064,280	81 519,569	13,443	12,973	91	86	7 975	16,896	46,732	2,766	2,296
42	37	96 979	5 656,631	75 455,289	13,339	12,870	92	87	5 831	11,545	29,836	2,584	2,115
43	38	96 793	5 276,427	69 798,658	13,228	12,759	93	88	4 077	7,544	18,290	2,425	1,955
44	39	96 585	4 920,648	64 522,231	13,113	12,643	94	89	2 729	4,720	10,746	2,277	1,807
45	40	96 355	4 587,776	59 601,583	12,991	12,522	95	90	1 736	2,806	6,026	2,148	1,678
46	41	96 113	4 276,874	55 013,806	12,863	12,394	96	91	1 050	1,586	3,220	2,030	1,561
47	42	95 844	3 985,910	50 736,932	12,729	12,260	97	92	600	0,847	1,634	1,929	1,459
48	43	95 543	3 713,465	46 751,022	12,590	12,120	98	93	325	0,429	0,787	1,834	1,365
49	44	95 207	3 458,320	43 037,557	12,445	11,975	99	94	167	0,205	0,358	1,743	1,273
							100	95	79	0,092	0,153	1,665	1,196

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	3 222,583	39 739,286	12,332	11,862
1							51	45	94 533	2 999,242	36 516,703	12,175	11,706
2							52	46	94 094	2 789,997	33 517,461	12,013	11,544
3							53	47	93 607	2 593,979	30 727,464	11,846	11,376
4							54	48	93 063	2 410,200	28 133,485	11,673	11,203
5							55	49	92 456	2 237,842	25 723,285	11,495	11,025
6	0	99 592	66 362,245	995 556,413	15,002	14,532	56	50	91 776	2 076,046	23 485,443	11,313	10,843
7	1	99 295	61 835,865	929 194,168	15,027	14,557	57	51	91 026	1 924,386	21 409,397	11,125	10,656
8	2	99 263	57 772,060	867 358,302	15,013	14,544	58	52	90 195	1 782,068	19 485,011	10,934	10,464
9	3	99 243	53 981,373	809 586,242	14,998	14,528	59	53	89 301	1 648,977	17 702,943	10,736	10,266
10	4	99 225	50 440,803	755 604,869	14,980	14,511	60	54	88 306	1 523,922	16 053,966	10,535	10,065
11	5	99 208	47 133,087	705 164,066	14,961	14,492	61	55	87 221	1 406,734	14 530,043	10,329	9,859
12	6	99 195	44 043,577	658 030,979	14,940	14,471	62	56	86 029	1 296,729	13 123,310	10,120	9,651
13	7	99 179	41 155,573	613 987,401	14,919	14,449	63	57	84 730	1 193,603	11 826,580	9,908	9,439
14	8	99 165	38 457,746	572 831,829	14,895	14,426	64	58	83 318	1 096,930	10 632,977	9,693	9,224
15	9	99 145	35 934,789	534 374,083	14,871	14,401	65	59	81 798	1 006,461	9 536,048	9,475	9,005
16	10	99 125	33 576,910	498 439,294	14,845	14,375	66	60	80 169	921,885	8 529,587	9,252	8,783
17	11	99 096	31 371,370	464 862,384	14,818	14,349	67	61	78 418	842,758	7 607,702	9,027	8,558
18	12	99 062	29 308,966	433 491,014	14,790	14,321	68	62	76 570	769,063	6 764,945	8,796	8,327
19	13	99 018	27 379,253	404 182,048	14,762	14,293	69	63	74 607	700,322	5 995,881	8,562	8,092
20	14	98 970	25 575,740	376 802,795	14,733	14,263	70	64	72 540	636,376	5 295,559	8,321	7,852
21	15	98 920	23 890,493	351 227,056	14,702	14,232	71	65	70 382	577,049	4 659,183	8,074	7,605
22	16	98 869	22 315,949	327 336,562	14,668	14,199	72	66	68 077	521,635	4 082,134	7,826	7,356
23	17	98 815	20 844,619	305 020,613	14,633	14,164	73	67	65 707	470,539	3 560,499	7,567	7,097
24	18	98 760	19 470,242	284 175,994	14,595	14,126	74	68	63 215	423,081	3 089,961	7,303	6,834
25	19	98 699	18 185,200	264 705,752	14,556	14,087	75	69	60 619	379,164	2 666,880	7,034	6,564
26	20	98 639	16 985,215	246 520,552	14,514	14,044	76	70	57 868	338,275	2 287,716	6,763	6,293
27	21	98 580	15 864,441	229 535,337	14,469	13,999	77	71	55 002	300,486	1 949,441	6,488	6,018
28	22	98 518	14 817,396	213 670,896	14,420	13,951	78	72	52 058	265,798	1 648,955	6,204	5,734
29	23	98 456	13 839,306	198 853,500	14,369	13,899	79	73	48 986	233,753	1 383,157	5,917	5,448
30	24	98 392	12 925,436	185 014,194	14,314	13,844	80	74	45 784	204,178	1 149,404	5,629	5,160
31	25	98 324	12 071,484	172 088,759	14,256	13,786	81	75	42 443	176,898	945,226	5,343	4,874
32	26	98 248	11 273,097	160 017,275	14,195	13,725	82	76	39 002	151,922	768,328	5,057	4,588
33	27	98 171	10 527,292	148 744,178	14,129	13,660	83	77	35 492	129,203	616,406	4,771	4,301
34	28	98 081	9 829,630	138 216,887	14,061	13,592	84	78	31 905	108,549	487,203	4,488	4,019
35	29	97 989	9 177,930	128 387,257	13,989	13,519	85	79	28 257	89,847	378,654	4,214	3,745
36	30	97 891	8 568,913	119 209,327	13,912	13,442	86	80	24 595	73,089	288,807	3,951	3,482
37	31	97 777	7 998,995	110 640,414	13,832	13,362	87	81	21 007	58,342	215,718	3,697	3,228
38	32	97 648	7 465,834	102 641,418	13,748	13,279	88	82	17 557	45,570	157,376	3,453	2,984
39	33	97 516	6 967,985	95 175,584	13,659	13,189	89	83	14 277	34,632	111,806	3,228	2,759
40	34	97 369	6 502,338	88 207,599	13,566	13,096	90	84	11 261	25,528	77,174	3,023	2,554
41	35	97 211	6 067,113	81 705,262	13,467	12,997	91	85	8 609	18,240	51,646	2,831	2,362
42	36	97 025	5 659,330	75 638,148	13,365	12,896	92	86	6 374	12,622	33,405	2,647	2,177
43	37	96 842	5 279,092	69 978,819	13,256	12,786	93	87	4 525	8,374	20,784	2,482	2,012
44	38	96 638	4 923,376	64 699,726	13,141	12,672	94	88	3 078	5,323	12,410	2,331	1,862
45	39	96 417	4 590,763	59 776,350	13,021	12,551	95	89	1 993	3,221	7,086	2,200	1,731
46	40	96 173	4 279,583	55 185,587	12,895	12,426	96	90	1 231	1,859	3,866	2,079	1,609
47	41	95 914	3 988,834	50 906,003	12,762	12,293	97	91	720	1,016	2,006	1,975	1,505
48	42	95 621	3 716,464	46 917,170	12,624	12,155	98	92	400	0,528	0,990	1,874	1,405
49	43	95 293	3 461,420	43 200,706	12,481	12,011	99	93	211	0,260	0,462	1,778	1,308
							100	94	103	0,119	0,202	1,700	1,231

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	3 225,472	39 885,635	12,366	11,896
1							51	44	94 623	3 002,082	36 660,164	12,212	11,742
2							52	45	94 195	2 793,001	33 658,082	12,051	11,581
3							53	46	93 718	2 597,054	30 865,081	11,885	11,415
4							54	47	93 184	2 413,336	28 268,027	11,713	11,244
5							55	48	92 597	2 241,242	25 854,691	11,536	11,066
6							56	49	91 931	2 079,548	23 613,448	11,355	10,886
7	0	99 583	62 015,205	929 639,447	14,991	14,521	57	50	91 195	1 927,941	21 533,901	11,169	10,700
8	1	99 285	57 784,912	867 624,242	15,015	14,545	58	51	90 383	1 785,777	19 605,960	10,979	10,509
9	2	99 256	53 988,468	809 839,329	15,000	14,531	59	52	89 499	1 652,620	17 820,183	10,783	10,313
10	3	99 235	50 445,832	755 850,862	14,983	14,514	60	53	88 525	1 527,709	16 167,563	10,583	10,113
11	4	99 217	47 137,427	705 405,030	14,965	14,495	61	54	87 462	1 410,619	14 639,854	10,378	9,909
12	5	99 201	44 046,570	658 267,603	14,945	14,475	62	55	86 297	1 300,778	13 229,235	10,170	9,701
13	6	99 186	41 158,578	614 221,033	14,923	14,454	63	56	85 018	1 197,653	11 928,457	9,960	9,490
14	7	99 169	38 459,578	573 062,455	14,900	14,431	64	57	83 632	1 101,066	10 730,804	9,746	9,276
15	8	99 152	35 937,378	534 602,878	14,876	14,406	65	58	82 141	1 010,679	9 629,739	9,528	9,058
16	9	99 130	33 578,695	498 665,499	14,851	14,381	66	59	80 542	926,177	8 619,060	9,306	8,837
17	10	99 102	31 373,114	465 086,804	14,824	14,355	67	60	78 822	847,101	7 692,883	9,081	8,612
18	11	99 070	29 311,220	433 713,690	14,797	14,327	68	61	77 000	773,384	6 845,782	8,852	8,382
19	12	99 024	27 380,983	404 402,470	14,769	14,300	69	62	75 066	704,636	6 072,399	8,618	8,148
20	13	98 978	25 577,761	377 021,487	14,740	14,271	70	63	73 034	640,708	5 367,763	8,378	7,908
21	14	98 929	23 892,697	351 443,726	14,709	14,240	71	64	70 907	581,356	4 727,056	8,131	7,662
22	15	98 880	22 318,533	327 551,028	14,676	14,207	72	65	68 627	525,849	4 145,700	7,884	7,414
23	16	98 827	20 847,284	305 232,495	14,641	14,172	73	66	66 287	474,696	3 619,851	7,626	7,156
24	17	98 773	19 472,766	284 385,211	14,604	14,135	74	67	63 813	427,078	3 145,155	7,364	6,895
25	18	98 715	18 188,153	264 912,444	14,565	14,096	75	68	61 244	383,073	2 718,077	7,095	6,626
26	19	98 655	16 988,008	246 724,292	14,523	14,054	76	69	58 544	342,226	2 335,004	6,823	6,353
27	20	98 596	15 867,038	229 736,284	14,479	14,009	77	70	55 701	304,306	1 992,778	6,549	6,079
28	21	98 535	14 819,912	213 869,246	14,431	13,962	78	71	52 787	269,521	1 688,473	6,265	5,795
29	22	98 473	13 841,628	199 049,334	14,380	13,911	79	72	49 730	237,301	1 418,951	5,980	5,510
30	23	98 408	12 927,550	185 207,706	14,327	13,857	80	73	46 563	207,653	1 181,651	5,691	5,221
31	24	98 340	12 073,467	172 280,156	14,269	13,800	81	74	43 230	180,175	973,998	5,406	4,936
32	25	98 267	11 275,289	160 206,689	14,209	13,739	82	75	39 803	155,042	793,822	5,120	4,651
33	26	98 188	10 529,168	148 931,400	14,145	13,675	83	76	36 296	132,130	638,781	4,835	4,365
34	27	98 102	9 831,692	138 402,232	14,077	13,608	84	77	32 688	111,211	506,651	4,556	4,086
35	28	98 012	9 180,114	128 570,540	14,005	13,536	85	78	29 047	92,360	395,440	4,282	3,812
36	29	97 915	8 571,028	119 390,425	13,930	13,460	86	79	25 377	75,412	303,080	4,019	3,549
37	30	97 804	8 001,258	110 819,397	13,850	13,381	87	80	21 775	60,474	227,668	3,765	3,295
38	31	97 679	7 468,239	102 818,139	13,767	13,298	88	81	18 297	47,490	167,193	3,521	3,051
39	32	97 548	6 970,326	95 349,900	13,679	13,210	89	82	14 981	36,340	119,704	3,294	2,824
40	33	97 403	6 504,616	88 379,574	13,587	13,118	90	83	11 918	27,020	83,364	3,085	2,616
41	34	97 248	6 069,431	81 874,958	13,490	13,020	91	84	9 196	19,483	56,344	2,892	2,422
42	35	97 070	5 661,973	75 805,527	13,389	12,919	92	85	6 881	13,626	36,861	2,705	2,236
43	36	96 888	5 281,611	70 143,554	13,281	12,811	93	86	4 947	9,154	23,235	2,538	2,069
44	37	96 687	4 925,864	64 861,943	13,168	12,698	94	87	3 417	5,909	14,081	2,383	1,913
45	38	96 471	4 593,308	59 936,079	13,049	12,579	95	88	2 247	3,632	8,172	2,250	1,780
46	39	96 236	4 282,370	55 342,771	12,923	12,454	96	89	1 413	2,134	4,539	2,127	1,657
47	40	95 975	3 991,361	51 060,401	12,793	12,323	97	90	844	1,191	2,405	2,019	1,549
48	41	95 691	3 719,190	47 069,041	12,656	12,186	98	91	480	0,633	1,214	1,916	1,447
49	42	95 370	3 464,215	43 349,851	12,514	12,044	99	92	259	0,320	0,580	1,814	1,345
							100	93	130	0,150	0,260	1,732	1,263

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	3 228,076	40 019,367	12,397	11,928
1							51	43	94 707	3 004,773	36 791,291	12,244	11,775
2							52	44	94 284	2 795,645	33 786,517	12,085	11,616
3							53	45	93 819	2 599,851	30 990,872	11,920	11,451
4							54	46	93 295	2 416,197	28 391,021	11,750	11,281
5							55	47	92 717	2 244,158	25 974,824	11,574	11,105
6							56	48	92 070	2 082,707	23 730,666	11,394	10,925
7							57	49	91 348	1 931,193	21 647,958	11,210	10,740
8	0	99 573	57 952,503	868 034,647	14,978	14,509	58	50	90 550	1 789,076	19 716,766	11,021	10,551
9	1	99 278	54 000,478	810 082,144	15,001	14,532	59	51	89 685	1 656,059	17 927,690	10,826	10,356
10	2	99 248	50 452,462	756 081,666	14,986	14,517	60	52	88 721	1 531,084	16 271,631	10,628	10,158
11	3	99 227	47 142,127	705 629,204	14,968	14,499	61	53	87 679	1 414,124	14 740,547	10,424	9,954
12	4	99 210	44 050,625	658 487,077	14,948	14,479	62	54	86 536	1 304,370	13 326,423	10,217	9,747
13	5	99 193	41 161,375	614 436,452	14,928	14,458	63	55	85 283	1 201,392	12 022,052	10,007	9,537
14	6	99 177	38 462,386	573 275,078	14,905	14,435	64	56	83 916	1 104,801	10 820,660	9,794	9,325
15	7	99 157	35 939,090	534 812,692	14,881	14,412	65	57	82 450	1 014,490	9 715,859	9,577	9,108
16	8	99 137	33 581,115	498 873,602	14,856	14,386	66	58	80 880	930,059	8 701,369	9,356	8,886
17	9	99 107	31 374,782	465 292,487	14,830	14,361	67	59	79 189	851,045	7 771,310	9,131	8,662
18	10	99 075	29 312,849	433 917,705	14,803	14,333	68	60	77 397	777,369	6 920,266	8,902	8,433
19	11	99 032	27 383,089	404 604,856	14,776	14,306	69	61	75 488	708,594	6 142,897	8,669	8,200
20	12	98 984	25 579,378	377 221,766	14,747	14,278	70	62	73 484	644,654	5 434,303	8,430	7,960
21	13	98 937	23 894,586	351 642,388	14,716	14,247	71	63	71 390	585,313	4 789,649	8,183	7,714
22	14	98 889	22 320,592	327 747,802	14,684	14,214	72	64	69 139	529,774	4 204,336	7,936	7,467
23	15	98 839	20 849,698	305 427,210	14,649	14,179	73	65	66 823	478,531	3 674,562	7,679	7,209
24	16	98 786	19 475,256	284 577,512	14,612	14,143	74	66	64 376	430,851	3 196,031	7,418	6,948
25	17	98 728	18 190,511	265 102,256	14,574	14,104	75	67	61 823	386,691	2 765,180	7,151	6,681
26	18	98 671	16 990,766	246 911,745	14,532	14,063	76	68	59 147	345,754	2 378,489	6,879	6,410
27	19	98 612	15 869,646	229 920,979	14,488	14,019	77	69	56 351	307,860	2 032,735	6,603	6,133
28	20	98 551	14 822,338	214 051,333	14,441	13,972	78	70	53 458	272,947	1 724,875	6,319	5,850
29	21	98 490	13 843,979	199 228,995	14,391	13,922	79	71	50 426	240,625	1 451,927	6,034	5,564
30	22	98 424	12 929,719	185 385,016	14,338	13,868	80	72	47 270	210,804	1 211,303	5,746	5,277
31	23	98 356	12 075,442	172 455,296	14,281	13,812	81	73	43 965	183,242	1 000,498	5,460	4,990
32	24	98 283	11 277,141	160 379,854	14,222	13,752	82	74	40 541	157,914	817,256	5,175	4,706
33	25	98 207	10 531,216	149 102,713	14,158	13,689	83	75	37 041	134,843	659,342	4,890	4,420
34	26	98 119	9 833,445	138 571,498	14,092	13,622	84	76	33 428	113,730	524,499	4,612	4,142
35	27	98 033	9 182,040	128 738,052	14,021	13,551	85	77	29 760	94,625	410,769	4,341	3,871
36	28	97 938	8 573,069	119 556,012	13,946	13,476	86	78	26 087	77,521	316,144	4,078	3,609
37	29	97 828	8 003,233	110 982,944	13,867	13,398	87	79	22 467	62,397	238,623	3,824	3,355
38	30	97 707	7 470,352	102 979,711	13,785	13,316	88	80	18 965	49,225	176,226	3,580	3,110
39	31	97 580	6 972,571	95 509,359	13,698	13,228	89	81	15 612	37,870	127,000	3,354	2,884
40	32	97 436	6 506,802	88 536,788	13,607	13,137	90	82	12 506	28,352	89,130	3,144	2,674
41	33	97 283	6 071,557	82 029,986	13,511	13,041	91	83	9 733	20,621	60,778	2,947	2,478
42	34	97 107	5 664,136	75 958,429	13,410	12,941	92	84	7 350	14,554	40,156	2,759	2,290
43	35	96 933	5 284,078	70 294,293	13,303	12,834	93	85	5 340	9,883	25,602	2,591	2,121
44	36	96 733	4 928,214	65 010,215	13,191	12,722	94	86	3 735	6,460	15,719	2,433	1,964
45	37	96 519	4 595,629	60 082,001	13,074	12,604	95	87	2 494	4,032	9,260	2,297	1,827
46	38	96 289	4 284,744	55 486,372	12,950	12,480	96	88	1 593	2,407	5,228	2,172	1,702
47	39	96 038	3 993,959	51 201,629	12,820	12,350	97	89	968	1,367	2,820	2,063	1,593
48	40	95 751	3 721,546	47 207,669	12,685	12,215	98	90	563	0,743	1,453	1,957	1,487
49	41	95 440	3 466,756	43 486,123	12,544	12,074	99	91	311	0,384	0,711	1,852	1,383
							100	92	161	0,185	0,327	1,766	1,296

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	3 230,444	40 141,513	12,426	11,956
1							51	42	94 784	3 007,199	36 911,069	12,274	11,805
2							52	43	94 369	2 798,152	33 903,869	12,117	11,647
3							53	44	93 907	2 602,312	31 105,718	11,953	11,484
4							54	45	93 395	2 418,799	28 503,405	11,784	11,315
5							55	46	92 827	2 246,819	26 084,606	11,610	11,140
6							56	47	92 190	2 085,417	23 837,787	11,431	10,961
7							57	48	91 487	1 934,127	21 752,370	11,247	10,777
8							58	49	90 703	1 792,094	19 818,243	11,059	10,589
9	0	99 566	54 157,093	810 460,411	14,965	14,495	59	50	89 850	1 659,119	18 026,150	10,865	10,395
10	1	99 270	50 463,685	756 303,318	14,987	14,518	60	51	88 905	1 534,270	16 367,031	10,668	10,198
11	2	99 240	47 148,322	705 839,632	14,971	14,501	61	52	87 873	1 417,248	14 832,761	10,466	9,996
12	3	99 220	44 055,017	658 691,310	14,952	14,482	62	53	86 751	1 307,611	13 415,513	10,260	9,790
13	4	99 202	41 165,164	614 636,293	14,931	14,461	63	54	85 519	1 204,710	12 107,901	10,050	9,581
14	5	99 183	38 465,000	573 471,129	14,909	14,439	64	55	84 178	1 108,251	10 903,191	9,838	9,369
15	6	99 164	35 941,714	535 006,130	14,885	14,416	65	56	82 730	1 017,932	9 794,941	9,622	9,153
16	7	99 142	33 582,714	499 064,415	14,861	14,391	66	57	81 185	933,566	8 777,009	9,402	8,932
17	8	99 114	31 377,043	465 481,701	14,835	14,366	67	58	79 521	854,612	7 843,443	9,178	8,708
18	9	99 081	29 314,407	434 104,658	14,809	14,339	68	59	77 757	780,988	6 988,832	8,949	8,479
19	10	99 037	27 384,612	404 790,250	14,782	14,312	69	60	75 877	712,245	6 207,843	8,716	8,246
20	11	98 992	25 581,345	377 405,639	14,753	14,284	70	61	73 897	648,276	5 495,598	8,477	8,008
21	12	98 943	23 896,096	351 824,293	14,723	14,254	71	62	71 830	588,918	4 847,322	8,231	7,761
22	13	98 897	22 322,357	327 928,197	14,691	14,221	72	63	69 610	533,380	4 258,404	7,984	7,514
23	14	98 848	20 851,621	305 605,840	14,656	14,187	73	64	67 322	482,103	3 725,024	7,727	7,257
24	15	98 797	19 477,511	284 754,219	14,620	14,150	74	65	64 896	434,331	3 242,922	7,466	6,997
25	16	98 740	18 192,837	265 276,708	14,581	14,112	75	66	62 369	390,108	2 808,590	7,200	6,730
26	17	98 684	16 992,969	247 083,871	14,540	14,071	76	67	59 706	349,020	2 418,483	6,929	6,460
27	18	98 628	15 872,223	230 090,902	14,496	14,027	77	68	56 932	311,034	2 069,462	6,653	6,184
28	19	98 568	14 824,775	214 218,679	14,450	13,981	78	69	54 083	276,136	1 758,428	6,368	5,898
29	20	98 506	13 846,245	199 393,904	14,401	13,931	79	70	51 067	243,683	1 482,293	6,083	5,613
30	21	98 441	12 931,915	185 547,659	14,348	13,879	80	71	47 932	213,757	1 238,609	5,794	5,325
31	22	98 372	12 077,468	172 615,744	14,292	13,823	81	72	44 633	186,023	1 024,852	5,509	5,040
32	23	98 299	11 278,986	160 538,276	14,233	13,764	82	73	41 231	160,602	838,829	5,223	4,754
33	24	98 223	10 532,946	149 259,290	14,171	13,701	83	74	37 727	137,341	678,227	4,938	4,469
34	25	98 138	9 835,357	138 726,344	14,105	13,635	84	75	34 115	116,066	540,886	4,660	4,191
35	26	98 050	9 183,677	128 890,987	14,035	13,565	85	76	30 434	96,769	424,821	4,390	3,921
36	27	97 959	8 574,867	119 707,309	13,960	13,491	86	77	26 727	79,422	328,052	4,130	3,661
37	28	97 852	8 005,138	111 132,442	13,883	13,413	87	78	23 096	64,142	248,630	3,876	3,407
38	29	97 731	7 472,196	103 127,304	13,801	13,332	88	79	19 568	50,790	184,488	3,632	3,163
39	30	97 607	6 974,543	95 655,109	13,715	13,245	89	80	16 183	39,255	133,698	3,406	2,936
40	31	97 467	6 508,898	88 680,565	13,625	13,155	90	81	13 033	29,546	94,443	3,196	2,727
41	32	97 315	6 073,597	82 171,668	13,529	13,060	91	82	10 213	21,638	64,896	2,999	2,530
42	33	97 141	5 666,120	76 098,071	13,430	12,961	92	83	7 780	15,405	43,258	2,808	2,339
43	34	96 970	5 286,097	70 431,950	13,324	12,854	93	84	5 704	10,556	27,854	2,639	2,169
44	35	96 778	4 930,516	65 145,854	13,213	12,743	94	85	4 032	6,974	17,298	2,480	2,011
45	36	96 566	4 597,821	60 215,338	13,096	12,627	95	86	2 727	4,408	10,324	2,342	1,873
46	37	96 338	4 286,909	55 617,516	12,974	12,504	96	87	1 769	2,672	5,916	2,214	1,745
47	38	96 091	3 996,174	51 330,608	12,845	12,375	97	88	1 092	1,542	3,244	2,104	1,634
48	39	95 814	3 723,969	47 334,434	12,711	12,241	98	89	646	0,852	1,702	1,997	1,527
49	40	95 500	3 468,953	43 610,465	12,572	12,102	99	90	365	0,450	0,850	1,889	1,420
							100	91	193	0,222	0,400	1,801	1,332

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	40	95 220	3 232,491	40 252,926	12,453	11,983
							51	41	94 853	3 009,405	37 020,436	12,302	11,832
							52	42	94 445	2 800,411	34 011,031	12,145	11,676
							53	43	93 992	2 604,645	31 210,620	11,983	11,513
							54	44	93 483	2 421,089	28 605,974	11,815	11,346
							55	45	92 927	2 249,238	26 184,885	11,642	11,172
							56	46	92 299	2 087,890	23 935,647	11,464	10,995
							57	47	91 606	1 936,643	21 847,757	11,281	10,812
							58	48	90 840	1 794,816	19 911,114	11,094	10,624
							59	49	90 002	1 661,917	18 116,297	10,901	10,431
10	0	99 558	50 610,043	756 651,973	14,951	14,481	60	50	89 070	1 537,104	16 454,380	10,705	10,235
11	1	99 262	47 158,811	706 041,929	14,972	14,502	61	51	88 056	1 420,197	14 917,276	10,504	10,034
12	2	99 233	44 060,807	658 883,119	14,954	14,484	62	52	86 942	1 310,500	13 497,079	10,299	9,830
13	3	99 212	41 169,268	614 822,312	14,934	14,464	63	53	85 731	1 207,703	12 186,578	10,091	9,621
14	4	99 192	38 468,541	573 653,043	14,912	14,443	64	54	84 411	1 111,312	10 978,875	9,879	9,410
15	5	99 171	35 944,157	535 184,502	14,889	14,420	65	55	82 989	1 021,110	9 867,563	9,664	9,194
16	6	99 149	33 585,167	499 240,346	14,865	14,395	66	56	81 460	936,733	8 846,453	9,444	8,974
17	7	99 119	31 378,537	465 655,179	14,840	14,370	67	57	79 821	857,834	7 909,720	9,221	8,751
18	8	99 088	29 316,520	434 276,642	14,813	14,344	68	58	78 083	784,262	7 051,886	8,992	8,522
19	9	99 042	27 386,067	404 960,121	14,787	14,318	69	59	76 230	715,562	6 267,625	8,759	8,290
20	10	98 997	25 582,768	377 574,054	14,759	14,289	70	60	74 277	651,616	5 552,063	8,520	8,051
21	11	98 951	23 897,934	351 991,287	14,729	14,259	71	61	72 233	592,226	4 900,447	8,275	7,805
22	12	98 903	22 323,768	328 093,353	14,697	14,228	72	62	70 038	536,665	4 308,220	8,028	7,558
23	13	98 856	20 853,270	305 769,585	14,663	14,193	73	63	67 780	485,384	3 771,555	7,770	7,301
24	14	98 806	19 479,308	284 916,315	14,627	14,157	74	64	65 381	437,573	3 286,171	7,510	7,040
25	15	98 752	18 194,943	265 437,007	14,589	14,119	75	65	62 873	393,259	2 848,598	7,244	6,774
26	16	98 697	16 995,141	247 242,064	14,548	14,078	76	66	60 233	352,104	2 455,339	6,973	6,504
27	17	98 641	15 874,281	230 246,923	14,504	14,035	77	67	57 470	313,972	2 103,235	6,699	6,229
28	18	98 584	14 827,182	214 372,642	14,458	13,989	78	68	54 640	278,982	1 789,263	6,414	5,944
29	19	98 522	13 848,522	199 545,460	14,409	13,940	79	69	51 664	246,530	1 510,280	6,126	5,657
30	20	98 457	12 934,032	185 696,938	14,357	13,888	80	70	48 541	216,474	1 263,750	5,838	5,368
31	21	98 389	12 079,519	172 762,906	14,302	13,833	81	71	45 258	188,629	1 047,276	5,552	5,083
32	22	98 316	11 280,879	160 683,387	14,244	13,774	82	72	41 856	163,039	858,648	5,267	4,797
33	23	98 239	10 534,669	149 402,508	14,182	13,712	83	73	38 369	139,679	695,608	4,980	4,511
34	24	98 154	9 836,973	138 867,839	14,117	13,647	84	74	34 747	118,216	555,929	4,703	4,233
35	25	98 069	9 185,463	129 030,866	14,047	13,578	85	75	31 059	98,756	437,713	4,432	3,963
36	26	97 976	8 576,396	119 845,403	13,974	13,504	86	76	27 332	81,221	338,958	4,173	3,704
37	27	97 872	8 006,817	111 269,007	13,897	13,427	87	77	23 662	65,715	257,736	3,922	3,453
38	28	97 754	7 473,974	103 262,190	13,816	13,347	88	78	20 116	52,211	192,021	3,678	3,208
39	29	97 632	6 976,265	95 788,216	13,731	13,261	89	79	16 697	40,502	139,811	3,452	2,982
40	30	97 495	6 510,739	88 811,951	13,641	13,171	90	80	13 509	30,626	99,308	3,243	2,773
41	31	97 347	6 075,554	82 301,212	13,546	13,077	91	81	10 643	22,550	68,682	3,046	2,576
42	32	97 174	5 668,024	76 225,658	13,448	12,979	92	82	8 163	16,164	46,132	2,854	2,384
43	33	97 004	5 287,949	70 557,634	13,343	12,874	93	83	6 037	11,173	29,968	2,682	2,213
44	34	96 815	4 932,399	65 269,686	13,233	12,763	94	84	4 307	7,449	18,795	2,523	2,054
45	35	96 611	4 599,969	60 337,287	13,117	12,647	95	85	2 944	4,758	11,346	2,384	1,915
46	36	96 384	4 288,954	55 737,317	12,996	12,526	96	86	1 934	2,921	6,588	2,255	1,786
47	37	96 139	3 998,192	51 448,364	12,868	12,398	97	87	1 212	1,712	3,667	2,142	1,673
48	38	95 867	3 726,034	47 450,171	12,735	12,265	98	88	729	0,961	1,955	2,034	1,564
49	39	95 562	3 471,211	43 724,138	12,596	12,127	99	89	419	0,516	0,994	1,925	1,456
							100	90	226	0,260	0,478	1,835	1,365

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	39	95 282	3 234,595	40 354,757	12,476	12,006
							51	40	94 914	3 011,312	37 120,162	12,327	11,857
							52	41	94 514	2 802,465	34 108,850	12,171	11,702
							53	42	94 067	2 606,748	31 306,385	12,010	11,540
							54	43	93 567	2 423,260	28 699,637	11,843	11,374
							55	44	93 015	2 251,368	26 276,377	11,671	11,202
							56	45	92 399	2 090,138	24 025,009	11,494	11,025
							57	46	91 715	1 938,940	21 934,872	11,313	10,843
							58	47	90 959	1 797,152	19 995,932	11,126	10,657
							59	48	90 139	1 664,442	18 198,780	10,934	10,464
							60	49	89 220	1 539,697	16 534,338	10,739	10,269
11	0	99 550	47 295,584	706 363,304	14,935	14,466	61	50	88 219	1 422,821	14 994,641	10,539	10,069
12	1	99 255	44 070,609	659 067,721	14,955	14,485	62	51	87 123	1 313,227	13 571,820	10,335	9,865
13	2	99 225	41 174,679	614 997,112	14,936	14,467	63	52	85 920	1 210,372	12 258,593	10,128	9,658
14	3	99 202	38 472,376	573 822,433	14,915	14,446	64	53	84 620	1 114,073	11 048,221	9,917	9,447
15	4	99 180	35 947,466	535 350,056	14,893	14,423	65	54	83 218	1 023,930	9 934,148	9,702	9,232
16	5	99 156	33 587,449	499 402,591	14,869	14,399	66	55	81 714	939,658	8 910,218	9,482	9,013
17	6	99 126	31 380,829	465 815,142	14,844	14,374	67	56	80 092	860,744	7 970,560	9,260	8,791
18	7	99 093	29 317,917	434 434,313	14,818	14,349	68	57	78 378	787,219	7 109,816	9,032	8,562
19	8	99 050	27 388,041	405 116,397	14,792	14,322	69	58	76 550	718,561	6 322,597	8,799	8,329
20	9	99 003	25 584,127	377 728,356	14,764	14,295	70	59	74 623	654,650	5 604,037	8,560	8,091
21	10	98 956	23 899,263	352 144,228	14,735	14,265	71	60	72 605	595,278	4 949,386	8,314	7,845
22	11	98 911	22 325,485	328 244,966	14,703	14,233	72	61	70 432	539,680	4 354,108	8,068	7,598
23	12	98 862	20 854,588	305 919,481	14,669	14,200	73	62	68 197	488,374	3 814,428	7,810	7,341
24	13	98 814	19 480,848	285 064,893	14,633	14,164	74	63	65 826	440,552	3 326,054	7,550	7,080
25	14	98 761	18 196,622	265 584,045	14,595	14,126	75	64	63 342	396,195	2 885,503	7,283	6,814
26	15	98 708	16 997,109	247 387,424	14,555	14,085	76	65	60 720	354,948	2 489,308	7,013	6,544
27	16	98 653	15 876,311	230 390,314	14,512	14,042	77	66	57 978	316,746	2 134,360	6,738	6,269
28	17	98 596	14 829,104	214 514,004	14,466	13,996	78	67	55 156	281,618	1 817,614	6,454	5,985
29	18	98 538	13 850,770	199 684,900	14,417	13,947	79	68	52 197	249,071	1 535,996	6,167	5,697
30	19	98 473	12 936,158	185 834,130	14,365	13,896	80	69	49 108	219,003	1 286,925	5,876	5,407
31	20	98 405	12 081,497	172 897,971	14,311	13,841	81	70	45 833	191,026	1 067,922	5,590	5,121
32	21	98 333	11 282,795	160 816,475	14,253	13,784	82	71	42 443	165,323	876,896	5,304	4,835
33	22	98 256	10 536,437	149 533,680	14,192	13,723	83	72	38 952	141,798	711,572	5,018	4,549
34	23	98 170	9 838,582	138 997,243	14,128	13,658	84	73	35 338	120,228	569,774	4,739	4,270
35	24	98 085	9 186,972	129 158,661	14,059	13,589	85	74	31 634	100,585	449,546	4,469	4,000
36	25	97 995	8 578,064	119 971,689	13,986	13,516	86	75	27 893	82,889	348,960	4,210	3,740
37	26	97 890	8 008,245	111 393,625	13,910	13,440	87	76	24 198	67,203	266,071	3,959	3,490
38	27	97 775	7 475,542	103 385,381	13,830	13,360	88	77	20 609	53,491	198,868	3,718	3,248
39	28	97 655	6 977,926	95 909,838	13,745	13,275	89	78	17 164	41,635	145,377	3,492	3,022
40	29	97 519	6 512,346	88 931,913	13,656	13,186	90	79	13 939	31,600	103,741	3,283	2,813
41	30	97 374	6 077,272	82 419,567	13,562	13,092	91	80	11 032	23,374	72,141	3,086	2,617
42	31	97 205	5 669,850	76 342,295	13,465	12,995	92	81	8 507	16,845	48,768	2,895	2,426
43	32	97 037	5 289,725	70 672,445	13,360	12,891	93	82	6 335	11,724	31,922	2,723	2,253
44	33	96 849	4 934,127	65 382,720	13,251	12,782	94	83	4 559	7,884	20,199	2,562	2,092
45	34	96 648	4 601,726	60 448,592	13,136	12,667	95	84	3 145	5,083	12,315	2,423	1,953
46	35	96 429	4 290,957	55 846,866	13,015	12,545	96	85	2 087	3,153	7,232	2,293	1,824
47	36	96 185	4 000,100	51 555,909	12,889	12,419	97	86	1 325	1,871	4,078	2,180	1,710
48	37	95 915	3 727,916	47 555,809	12,757	12,287	98	87	809	1,067	2,207	2,068	1,599
49	38	95 615	3 473,136	43 827,893	12,619	12,150	99	88	472	0,582	1,140	1,958	1,489
							100	89	259	0,299	0,558	1,867	1,398

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	3 236,389	40 447,681	12,498	12,028
1							51	39	94 975	3 013,272	37 211,293	12,349	11,880
2							52	40	94 574	2 804,241	34 198,020	12,195	11,726
3							53	41	94 136	2 608,660	31 393,780	12,034	11,565
4							54	42	93 643	2 425,217	28 785,120	11,869	11,400
5							55	43	93 099	2 253,386	26 359,903	11,698	11,228
6							56	44	92 486	2 092,117	24 106,517	11,523	11,053
7							57	45	91 814	1 941,027	22 014,400	11,342	10,872
8							58	46	91 066	1 799,282	20 073,373	11,156	10,687
9							59	47	90 256	1 666,608	18 274,090	10,965	10,495
10							60	48	89 356	1 542,037	16 607,482	10,770	10,300
11							61	49	88 368	1 425,221	15 065,446	10,571	10,101
12	0	99 543	44 198,425	659 363,967	14,918	14,449	62	50	87 284	1 315,653	13 640,225	10,368	9,898
13	1	99 247	41 183,839	615 165,541	14,937	14,468	63	51	86 099	1 212,890	12 324,572	10,161	9,692
14	2	99 215	38 477,432	573 981,703	14,917	14,448	64	52	84 807	1 116,534	11 111,682	9,952	9,482
15	3	99 190	35 951,050	535 504,270	14,895	14,426	65	53	83 425	1 026,474	9 995,147	9,737	9,268
16	4	99 165	33 590,541	499 553,220	14,872	14,402	66	54	81 940	942,253	8 968,673	9,518	9,049
17	5	99 133	31 382,961	465 962,679	14,848	14,378	67	55	80 342	863,432	8 026,420	9,296	8,826
18	6	99 100	29 320,057	434 579,718	14,822	14,352	68	56	78 644	789,890	7 162,988	9,068	8,599
19	7	99 054	27 389,346	405 259,661	14,796	14,327	69	57	76 838	721,270	6 373,098	8,836	8,366
20	8	99 010	25 585,971	377 870,315	14,769	14,299	70	58	74 936	657,394	5 651,828	8,597	8,128
21	9	98 962	23 900,533	352 284,344	14,740	14,270	71	59	72 943	598,050	4 994,435	8,351	7,882
22	10	98 916	22 326,726	328 383,811	14,708	14,239	72	60	70 795	542,461	4 396,385	8,105	7,635
23	11	98 869	20 856,192	306 057,085	14,675	14,205	73	61	68 581	491,117	3 853,924	7,847	7,378
24	12	98 820	19 482,079	285 200,894	14,639	14,170	74	62	66 231	443,265	3 362,807	7,586	7,117
25	13	98 769	18 198,060	265 718,815	14,601	14,132	75	63	63 773	398,891	2 919,541	7,319	6,850
26	14	98 717	16 998,677	247 520,754	14,561	14,092	76	64	61 173	357,598	2 520,650	7,049	6,579
27	15	98 665	15 878,149	230 522,077	14,518	14,049	77	65	58 446	319,305	2 163,053	6,774	6,305
28	16	98 609	14 831,000	214 643,928	14,473	14,003	78	66	55 644	284,106	1 843,748	6,490	6,020
29	17	98 551	13 852,566	199 812,928	14,424	13,955	79	67	52 690	251,424	1 559,642	6,203	5,734
30	18	98 489	12 938,259	185 960,362	14,373	13,903	80	68	49 614	221,261	1 308,218	5,913	5,443
31	19	98 421	12 083,483	173 022,104	14,319	13,849	81	69	46 368	193,258	1 086,957	5,624	5,155
32	20	98 349	11 284,642	160 938,621	14,262	13,792	82	70	42 982	167,425	893,699	5,338	4,868
33	21	98 273	10 538,226	149 653,979	14,201	13,732	83	71	39 497	143,785	726,274	5,051	4,582
34	22	98 187	9 840,233	139 115,753	14,137	13,668	84	72	35 874	122,053	582,490	4,772	4,303
35	23	98 102	9 188,475	129 275,520	14,069	13,600	85	73	32 173	102,297	460,437	4,501	4,031
36	24	98 011	8 579,473	120 087,045	13,997	13,528	86	74	28 410	84,425	358,140	4,242	3,773
37	25	97 909	8 009,802	111 507,572	13,921	13,452	87	75	24 695	68,583	273,715	3,991	3,521
38	26	97 792	7 476,875	103 497,770	13,842	13,373	88	76	21 076	54,703	205,131	3,750	3,280
39	27	97 675	6 979,389	96 020,895	13,758	13,288	89	77	17 585	42,656	150,429	3,527	3,057
40	28	97 542	6 513,896	89 041,505	13,669	13,200	90	78	14 329	32,484	107,772	3,318	2,848
41	29	97 398	6 078,772	82 527,609	13,576	13,107	91	79	11 383	24,117	75,288	3,122	2,652
42	30	97 233	5 671,454	76 448,837	13,480	13,010	92	80	8 818	17,461	51,172	2,931	2,461
43	31	97 068	5 291,429	70 777,384	13,376	12,906	93	81	6 602	12,218	33,711	2,759	2,290
44	32	96 882	4 935,785	65 485,954	13,268	12,798	94	82	4 783	8,273	21,493	2,598	2,128
45	33	96 681	4 603,338	60 550,169	13,154	12,684	95	83	3 328	5,380	13,220	2,457	1,988
46	34	96 466	4 292,596	55 946,831	13,033	12,564	96	84	2 230	3,368	7,841	2,328	1,858
47	35	96 230	4 001,968	51 654,235	12,907	12,438	97	85	1 431	2,020	4,472	2,214	1,744
48	36	95 961	3 729,695	47 652,266	12,776	12,307	98	86	884	1,167	2,452	2,102	1,633
49	37	95 663	3 474,890	43 922,572	12,640	12,170	99	87	524	0,646	1,286	1,990	1,520
							100	88	292	0,337	0,639	1,898	1,428

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	37	95 383	3 238,024	40 532,455	12,518	12,048
1							51	38	95 028	3 014,943	37 294,432	12,370	11,900
2							52	39	94 636	2 806,066	34 279,489	12,216	11,747
3							53	40	94 196	2 610,313	31 473,422	12,057	11,588
4							54	41	93 712	2 426,995	28 863,109	11,893	11,423
5							55	42	93 174	2 255,206	26 436,114	11,722	11,253
6							56	43	92 569	2 093,992	24 180,908	11,548	11,078
7							57	44	91 901	1 942,865	22 086,916	11,368	10,899
8							58	45	91 165	1 801,220	20 144,051	11,184	10,714
9							59	46	90 363	1 668,584	18 342,831	10,993	10,524
10							60	47	89 472	1 544,043	16 674,247	10,799	10,330
11							61	48	88 502	1 427,386	15 130,204	10,600	10,130
12							62	49	87 431	1 317,873	13 702,818	10,398	9,928
13	0	99 535	41 303,283	615 438,637	14,900	14,431	63	50	86 258	1 215,131	12 384,945	10,192	9,723
14	1	99 237	38 485,992	574 135,355	14,918	14,449	64	51	84 984	1 118,858	11 169,814	9,983	9,514
15	2	99 203	35 955,775	535 649,362	14,897	14,428	65	52	83 609	1 028,742	10 050,957	9,770	9,301
16	3	99 175	33 593,890	499 693,588	14,875	14,405	66	53	82 144	944,594	9 022,215	9,551	9,082
17	4	99 142	31 385,850	466 099,697	14,851	14,381	67	54	80 564	865,816	8 077,621	9,329	8,860
18	5	99 107	29 322,050	434 713,847	14,825	14,356	68	55	78 889	792,356	7 211,804	9,102	8,632
19	6	99 062	27 391,346	405 391,798	14,800	14,330	69	56	77 099	723,717	6 419,448	8,870	8,401
20	7	99 014	25 587,190	378 000,452	14,773	14,304	70	57	75 218	659,873	5 695,731	8,632	8,162
21	8	98 969	23 902,256	352 413,262	14,744	14,274	71	58	73 249	600,556	5 035,858	8,385	7,916
22	9	98 922	22 327,912	328 511,006	14,713	14,244	72	59	71 124	544,987	4 435,302	8,138	7,669
23	10	98 875	20 857,351	306 183,094	14,680	14,210	73	60	68 934	493,648	3 890,315	7,881	7,411
24	11	98 828	19 483,577	285 325,743	14,644	14,175	74	61	66 603	445,755	3 396,667	7,620	7,151
25	12	98 775	18 199,210	265 842,165	14,607	14,138	75	62	64 166	401,348	2 950,912	7,352	6,883
26	13	98 725	17 000,021	247 642,955	14,567	14,098	76	63	61 590	360,031	2 549,564	7,082	6,612
27	14	98 674	15 879,614	230 642,934	14,524	14,055	77	64	58 882	321,688	2 189,532	6,806	6,337
28	15	98 620	14 832,717	214 763,320	14,479	14,010	78	65	56 093	286,401	1 867,844	6,522	6,052
29	16	98 563	13 854,337	199 930,603	14,431	13,961	79	66	53 155	253,645	1 581,443	6,235	5,765
30	17	98 502	12 939,936	186 076,266	14,380	13,910	80	67	50 083	223,351	1 327,798	5,945	5,475
31	18	98 437	12 085,445	173 136,330	14,326	13,857	81	68	46 847	195,250	1 104,447	5,657	5,187
32	19	98 365	11 286,497	161 050,885	14,269	13,800	82	69	43 484	169,380	909,197	5,368	4,898
33	20	98 289	10 539,951	149 764,388	14,209	13,740	83	70	39 999	145,612	739,816	5,081	4,611
34	21	98 204	9 841,904	139 224,437	14,146	13,677	84	71	36 377	123,762	594,204	4,801	4,332
35	22	98 118	9 190,017	129 382,533	14,079	13,609	85	72	32 661	103,850	470,442	4,530	4,061
36	23	98 027	8 580,876	120 192,516	14,007	13,538	86	73	28 894	85,862	366,592	4,270	3,800
37	24	97 925	8 011,118	111 611,639	13,932	13,463	87	74	25 152	69,854	280,730	4,019	3,549
38	25	97 811	7 478,329	103 600,521	13,853	13,384	88	75	21 508	55,826	210,876	3,777	3,308
39	26	97 693	6 980,634	96 122,192	13,770	13,300	89	76	17 983	43,623	155,050	3,554	3,085
40	27	97 563	6 515,262	89 141,559	13,682	13,212	90	77	14 680	33,280	111,427	3,348	2,879
41	28	97 421	6 080,219	82 626,296	13,589	13,120	91	78	11 701	24,791	78,147	3,152	2,683
42	29	97 257	5 672,854	76 546,077	13,493	13,024	92	79	9 098	18,016	53,355	2,962	2,492
43	30	97 095	5 292,926	70 873,223	13,390	12,921	93	80	6 843	12,664	35,340	2,791	2,321
44	31	96 913	4 937,375	65 580,297	13,282	12,813	94	81	4 985	8,621	22,675	2,630	2,161
45	32	96 714	4 604,885	60 642,923	13,169	12,700	95	82	3 492	5,645	14,054	2,490	2,020
46	33	96 500	4 294,100	56 038,037	13,050	12,580	96	83	2 360	3,565	8,409	2,359	1,889
47	34	96 267	4 003,497	51 743,937	12,925	12,455	97	84	1 528	2,158	4,844	2,245	1,775
48	35	96 006	3 731,437	47 740,440	12,794	12,325	98	85	954	1,259	2,686	2,133	1,663
49	36	95 709	3 476,548	44 009,003	12,659	12,189	99	86	573	0,706	1,427	2,020	1,550
							100	87	325	0,374	0,720	1,926	1,457

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	3 239,568	40 609,828	12,536	12,066
1							51	37	95 076	3 016,466	37 370,260	12,389	11,919
2							52	38	94 688	2 807,622	34 353,794	12,236	11,766
3							53	39	94 257	2 612,013	31 546,172	12,077	11,608
4							54	40	93 771	2 428,533	28 934,159	11,914	11,445
5							55	41	93 242	2 256,860	26 505,626	11,744	11,275
6							56	42	92 644	2 095,683	24 248,766	11,571	11,101
7							57	43	91 983	1 944,607	22 153,083	11,392	10,923
8							58	44	91 251	1 802,925	20 208,476	11,209	10,739
9							59	45	90 460	1 670,381	18 405,551	11,019	10,549
10							60	46	89 578	1 545,873	16 735,170	10,826	10,356
11							61	47	88 617	1 429,244	15 189,297	10,628	10,158
12							62	48	87 564	1 319,875	13 760,053	10,425	9,956
13							63	49	86 404	1 217,181	12 440,178	10,220	9,751
14	0	99 525	38 597,612	574 387,124	14,881	14,412	64	50	85 141	1 120,924	11 222,998	10,012	9,543
15	1	99 225	35 963,774	535 789,512	14,898	14,429	65	51	83 783	1 030,883	10 102,073	9,799	9,330
16	2	99 188	33 598,305	499 825,739	14,877	14,407	66	52	82 325	946,681	9 071,191	9,582	9,113
17	3	99 152	31 388,980	466 227,434	14,853	14,384	67	53	80 764	867,968	8 124,509	9,360	8,891
18	4	99 116	29 324,749	434 838,454	14,828	14,359	68	54	79 107	794,544	7 256,542	9,133	8,663
19	5	99 068	27 393,207	405 513,705	14,803	14,334	69	55	77 340	725,977	6 461,997	8,901	8,432
20	6	99 022	25 589,058	378 120,498	14,777	14,307	70	56	75 474	662,112	5 736,021	8,663	8,194
21	7	98 973	23 903,394	352 531,440	14,748	14,279	71	57	73 525	602,821	5 073,909	8,417	7,947
22	8	98 929	22 329,522	328 628,046	14,717	14,248	72	58	71 422	547,271	4 471,088	8,170	7,700
23	9	98 880	20 858,460	306 298,524	14,685	14,215	73	59	69 255	495,946	3 923,817	7,912	7,442
24	10	98 833	19 484,661	285 440,064	14,649	14,180	74	60	66 947	448,052	3 427,871	7,651	7,181
25	11	98 783	18 200,610	265 955,404	14,612	14,143	75	61	64 526	403,603	2 979,819	7,383	6,914
26	12	98 731	17 001,095	247 754,794	14,573	14,103	76	62	61 969	362,249	2 576,216	7,112	6,642
27	13	98 682	15 880,869	230 753,698	14,530	14,061	77	63	59 283	323,878	2 213,967	6,836	6,366
28	14	98 629	14 834,086	214 872,829	14,485	14,016	78	64	56 512	288,539	1 890,089	6,551	6,081
29	15	98 575	13 855,941	200 038,743	14,437	13,968	79	65	53 585	255,695	1 601,550	6,264	5,794
30	16	98 515	12 941,591	186 182,802	14,386	13,917	80	66	50 525	225,324	1 345,856	5,973	5,503
31	17	98 450	12 087,012	173 241,212	14,333	13,863	81	67	47 289	197,094	1 120,532	5,685	5,216
32	18	98 381	11 288,329	161 154,200	14,276	13,807	82	68	43 933	171,126	923,437	5,396	4,927
33	19	98 305	10 541,684	149 865,871	14,217	13,747	83	69	40 466	147,313	752,311	5,107	4,637
34	20	98 220	9 843,516	139 324,187	14,154	13,684	84	70	36 839	125,336	604,997	4,827	4,358
35	21	98 135	9 191,578	129 480,671	14,087	13,617	85	71	33 118	105,305	479,662	4,555	4,085
36	22	98 044	8 582,316	120 289,094	14,016	13,546	86	72	29 332	87,165	374,357	4,295	3,825
37	23	97 941	8 012,429	111 706,777	13,942	13,472	87	73	25 581	71,043	287,192	4,043	3,573
38	24	97 827	7 479,557	103 694,349	13,864	13,394	88	74	21 907	56,860	216,149	3,801	3,332
39	25	97 712	6 981,991	96 214,791	13,780	13,311	89	75	18 352	44,518	159,289	3,578	3,109
40	26	97 580	6 516,424	89 232,800	13,694	13,224	90	76	15 013	34,034	114,770	3,372	2,903
41	27	97 442	6 081,495	82 716,376	13,601	13,132	91	77	11 988	25,399	80,736	3,179	2,709
42	28	97 280	5 674,204	76 634,881	13,506	13,036	92	78	9 353	18,520	55,337	2,988	2,518
43	29	97 119	5 294,232	70 960,677	13,403	12,934	93	79	7 061	13,067	36,817	2,818	2,348
44	30	96 940	4 938,772	65 666,445	13,296	12,827	94	80	5 167	8,937	23,750	2,658	2,188
45	31	96 745	4 606,369	60 727,673	13,183	12,714	95	81	3 639	5,883	14,814	2,518	2,049
46	32	96 532	4 295,543	56 121,305	13,065	12,595	96	82	2 476	3,741	8,931	2,387	1,918
47	33	96 301	4 004,900	51 825,762	12,941	12,471	97	83	1 618	2,284	5,190	2,273	1,803
48	34	96 042	3 732,862	47 820,862	12,811	12,341	98	84	1 019	1,345	2,907	2,161	1,691
49	35	95 754	3 478,172	44 088,000	12,676	12,206	99	85	618	0,763	1,561	2,047	1,578
							100	86	355	0,409	0,799	1,954	1,484

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	3 241,082	40 680,533	12,552	12,082
1							51	36	95 121	3 017,905	37 439,451	12,406	11,936
2							52	37	94 736	2 809,040	34 421,546	12,254	11,784
3							53	38	94 310	2 613,461	31 612,506	12,096	11,627
4							54	39	93 832	2 430,114	28 999,045	11,933	11,464
5							55	40	93 301	2 258,290	26 568,931	11,765	11,296
6							56	41	92 712	2 097,220	24 310,641	11,592	11,122
7							57	42	92 057	1 946,177	22 213,421	11,414	10,944
8							58	43	91 333	1 804,541	20 267,244	11,231	10,762
9							59	44	90 546	1 671,962	18 462,703	11,043	10,573
10							60	45	89 674	1 547,538	16 790,740	10,850	10,380
11							61	46	88 722	1 430,938	15 243,202	10,653	10,183
12							62	47	87 678	1 321,592	13 812,264	10,451	9,982
13							63	48	86 535	1 219,030	12 490,672	10,246	9,777
14							64	49	85 285	1 122,815	11 271,642	10,039	9,569
15	0	99 513	36 068,078	536 021,632	14,861	14,392	65	50	83 938	1 032,787	10 148,827	9,827	9,357
16	1	99 210	33 605,779	499 953,554	14,877	14,407	66	51	82 497	948,651	9 116,040	9,609	9,140
17	2	99 165	31 393,105	466 347,775	14,855	14,386	67	52	80 942	869,885	8 167,389	9,389	8,920
18	3	99 126	29 327,673	434 954,670	14,831	14,361	68	53	79 304	796,518	7 297,503	9,162	8,692
19	4	99 077	27 395,729	405 626,997	14,806	14,337	69	54	77 553	727,982	6 500,985	8,930	8,461
20	5	99 028	25 590,797	378 231,269	14,780	14,310	70	55	75 709	664,179	5 773,003	8,692	8,222
21	6	98 981	23 905,140	352 640,471	14,752	14,282	71	56	73 775	604,866	5 108,824	8,446	7,977
22	7	98 933	22 330,585	328 735,332	14,721	14,252	72	57	71 692	549,334	4 503,958	8,199	7,729
23	8	98 887	20 859,963	306 404,747	14,689	14,219	73	58	69 545	498,025	3 954,624	7,941	7,471
24	9	98 839	19 485,696	285 544,783	14,654	14,185	74	59	67 258	450,139	3 456,599	7,679	7,209
25	10	98 788	18 201,622	266 059,087	14,617	14,148	75	60	64 859	405,683	3 006,460	7,411	6,941
26	11	98 739	17 002,403	247 857,465	14,578	14,108	76	61	62 317	364,284	2 600,778	7,139	6,670
27	12	98 688	15 881,873	230 855,062	14,536	14,066	77	62	59 648	325,873	2 236,494	6,863	6,394
28	13	98 637	14 835,258	214 973,190	14,491	14,021	78	63	56 896	290,503	1 910,621	6,577	6,107
29	14	98 584	13 857,219	200 137,931	14,443	13,973	79	64	53 985	257,603	1 620,118	6,289	5,820
30	15	98 526	12 943,089	186 280,712	14,392	13,923	80	65	50 934	227,144	1 362,515	5,998	5,529
31	16	98 463	12 088,557	173 337,623	14,339	13,869	81	66	47 707	198,836	1 135,371	5,710	5,241
32	17	98 394	11 289,793	161 249,065	14,283	13,813	82	67	44 348	172,743	936,535	5,422	4,952
33	18	98 321	10 543,395	149 959,272	14,223	13,754	83	68	40 884	148,832	763,792	5,132	4,662
34	19	98 236	9 845,134	139 415,877	14,161	13,691	84	69	37 270	126,800	614,960	4,850	4,380
35	20	98 151	9 193,082	129 570,743	14,094	13,625	85	70	33 539	106,643	488,160	4,578	4,108
36	21	98 061	8 583,774	120 377,661	14,024	13,554	86	71	29 743	88,386	381,517	4,316	3,847
37	22	97 957	8 013,773	111 793,887	13,950	13,481	87	72	25 969	72,121	293,131	4,064	3,595
38	23	97 843	7 480,781	103 780,114	13,873	13,403	88	73	22 280	57,828	221,010	3,822	3,352
39	24	97 728	6 983,138	96 299,333	13,790	13,321	89	74	18 693	45,343	163,182	3,599	3,129
40	25	97 599	6 517,691	89 316,195	13,704	13,234	90	75	15 321	34,733	117,839	3,393	2,923
41	26	97 459	6 082,579	82 798,504	13,612	13,143	91	76	12 259	25,975	83,106	3,199	2,730
42	27	97 300	5 675,394	76 715,925	13,517	13,048	92	77	9 582	18,974	57,131	3,011	2,542
43	28	97 142	5 295,493	71 040,530	13,415	12,946	93	78	7 258	13,432	38,157	2,841	2,371
44	29	96 964	4 939,991	65 745,038	13,309	12,839	94	79	5 331	9,221	24,725	2,681	2,212
45	30	96 772	4 607,672	60 805,047	13,196	12,727	95	80	3 772	6,098	15,504	2,543	2,073
46	31	96 563	4 296,927	56 197,376	13,079	12,609	96	81	2 581	3,898	9,407	2,413	1,943
47	32	96 333	4 006,245	51 900,449	12,955	12,485	97	82	1 697	2,396	5,508	2,298	1,829
48	33	96 076	3 734,170	47 894,204	12,826	12,356	98	83	1 079	1,424	3,112	2,186	1,716
49	34	95 790	3 479,501	44 160,034	12,691	12,222	99	84	661	0,815	1,688	2,072	1,603
							100	85	383	0,441	0,873	1,979	1,509

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	3 242,320	40 744,989	12,567	12,097
1							51	35	95 166	3 019,315	37 502,669	12,421	11,951
2							52	36	94 781	2 810,381	34 483,354	12,270	11,800
3							53	37	94 357	2 614,781	31 672,974	12,113	11,644
4							54	38	93 884	2 431,461	29 058,193	11,951	11,481
5							55	39	93 362	2 259,760	26 626,731	11,783	11,313
6							56	40	92 771	2 098,549	24 366,971	11,611	11,142
7							57	41	92 125	1 947,605	22 268,422	11,434	10,964
8							58	42	91 406	1 805,999	20 320,818	11,252	10,782
9							59	43	90 627	1 673,461	18 514,819	11,064	10,594
10							60	44	89 759	1 549,003	16 841,358	10,872	10,403
11							61	45	88 818	1 432,479	15 292,355	10,675	10,206
12							62	46	87 782	1 323,159	13 859,876	10,475	10,005
13							63	47	86 648	1 220,616	12 536,717	10,271	9,801
14							64	48	85 414	1 124,521	11 316,101	10,063	9,594
15							65	49	84 079	1 034,529	10 191,580	9,851	9,382
16	0	99 497	33 703,245	500 167,568	14,840	14,371	66	50	82 649	950,403	9 157,050	9,635	9,165
17	1	99 187	31 400,089	466 464,323	14,856	14,386	67	51	81 111	871,695	8 206,647	9,415	8,945
18	2	99 139	29 331,527	435 064,235	14,833	14,363	68	52	79 479	798,278	7 334,951	9,188	8,719
19	3	99 087	27 398,460	405 732,707	14,809	14,339	69	53	77 746	729,791	6 536,673	8,957	8,487
20	4	99 037	25 593,153	378 334,247	14,783	14,313	70	54	75 918	666,013	5 806,882	8,719	8,249
21	5	98 987	23 906,764	352 741,094	14,755	14,285	71	55	74 005	606,755	5 140,869	8,473	8,003
22	6	98 941	22 332,216	328 834,330	14,725	14,255	72	56	71 935	551,198	4 534,115	8,226	7,756
23	7	98 892	20 860,957	306 502,115	14,693	14,223	73	57	69 807	499,903	3 982,916	7,967	7,498
24	8	98 846	19 487,101	285 641,158	14,658	14,188	74	58	67 540	452,025	3 483,014	7,705	7,236
25	9	98 793	18 202,589	266 154,057	14,622	14,152	75	59	65 161	407,572	3 030,989	7,437	6,967
26	10	98 744	17 003,348	247 951,468	14,583	14,113	76	60	62 638	366,161	2 623,417	7,165	6,695
27	11	98 695	15 883,094	230 948,119	14,540	14,071	77	61	59 983	327,703	2 257,256	6,888	6,419
28	12	98 643	14 836,196	215 065,025	14,496	14,026	78	62	57 247	292,292	1 929,552	6,601	6,132
29	13	98 592	13 858,315	200 228,829	14,448	13,979	79	63	54 352	259,356	1 637,260	6,313	5,843
30	14	98 535	12 944,283	186 370,515	14,398	13,928	80	64	51 314	228,840	1 377,904	6,021	5,552
31	15	98 474	12 089,957	173 426,231	14,345	13,875	81	65	48 092	200,442	1 149,064	5,733	5,263
32	16	98 406	11 291,236	161 336,274	14,289	13,819	82	66	44 739	174,269	948,622	5,443	4,974
33	17	98 333	10 544,763	150 045,038	14,229	13,760	83	67	41 270	150,238	774,353	5,154	4,685
34	18	98 252	9 846,732	139 500,275	14,167	13,698	84	68	37 654	128,107	624,115	4,872	4,402
35	19	98 167	9 194,594	129 653,543	14,101	13,632	85	69	33 931	107,889	496,008	4,597	4,128
36	20	98 077	8 585,179	120 458,950	14,031	13,562	86	70	30 121	89,509	388,119	4,336	3,867
37	21	97 974	8 015,134	111 873,771	13,958	13,488	87	71	26 333	73,131	298,610	4,083	3,614
38	22	97 860	7 482,036	103 858,637	13,881	13,412	88	72	22 618	58,706	225,478	3,841	3,371
39	23	97 744	6 984,281	96 376,600	13,799	13,330	89	73	19 011	46,115	166,773	3,616	3,147
40	24	97 615	6 518,762	89 392,320	13,713	13,244	90	74	15 605	35,377	120,658	3,411	2,941
41	25	97 478	6 083,762	82 873,558	13,622	13,153	91	75	12 511	26,508	85,281	3,217	2,748
42	26	97 318	5 676,406	76 789,796	13,528	13,058	92	76	9 799	19,404	58,773	3,029	2,559
43	27	97 163	5 296,604	71 113,390	13,426	12,957	93	77	7 436	13,762	39,369	2,861	2,391
44	28	96 987	4 941,166	65 816,786	13,320	12,851	94	78	5 480	9,479	25,608	2,702	2,232
45	29	96 796	4 608,809	60 875,620	13,209	12,739	95	79	3 892	6,292	16,129	2,564	2,094
46	30	96 591	4 298,142	56 266,811	13,091	12,621	96	80	2 675	4,041	9,838	2,435	1,965
47	31	96 364	4 007,536	51 968,669	12,968	12,498	97	81	1 769	2,497	5,797	2,321	1,852
48	32	96 108	3 735,425	47 961,133	12,840	12,370	98	82	1 132	1,494	3,300	2,209	1,739
49	33	95 824	3 480,720	44 225,708	12,706	12,236	99	83	699	0,862	1,806	2,094	1,625
							100	84	409	0,471	0,943	2,001	1,531

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	3 243,456	40 803,738	12,580	12,111
1							51	34	95 202	3 020,468	37 560,283	12,435	11,966
2							52	35	94 825	2 811,693	34 539,815	12,284	11,815
3							53	36	94 402	2 616,028	31 728,121	12,128	11,659
4							54	37	93 931	2 432,690	29 112,093	11,967	11,498
5							55	38	93 414	2 261,013	26 679,403	11,800	11,330
6							56	39	92 831	2 099,915	24 418,390	11,628	11,159
7							57	40	92 183	1 948,838	22 318,475	11,452	10,983
8							58	41	91 473	1 807,323	20 369,636	11,271	10,801
9							59	42	90 700	1 674,812	18 562,313	11,083	10,614
10							60	43	89 840	1 550,392	16 887,501	10,892	10,423
11							61	44	88 902	1 433,835	15 337,109	10,697	10,227
12							62	45	87 877	1 324,584	13 903,274	10,496	10,027
13							63	46	86 750	1 222,063	12 578,690	10,293	9,823
14							64	47	85 525	1 125,984	11 356,627	10,086	9,616
15							65	48	84 207	1 036,101	10 230,642	9,874	9,405
16							66	49	82 788	952,007	9 194,541	9,658	9,189
17	0	99 475	31 491,157	466 661,649	14,819	14,349	67	50	81 260	873,306	8 242,534	9,438	8,969
18	1	99 161	29 338,052	435 170,492	14,833	14,363	68	51	79 644	799,939	7 369,229	9,212	8,743
19	2	99 100	27 402,061	405 832,440	14,810	14,341	69	52	77 918	731,403	6 569,289	8,982	8,512
20	3	99 047	25 595,705	378 430,379	14,785	14,315	70	53	76 107	667,668	5 837,886	8,744	8,274
21	4	98 997	23 908,965	352 834,674	14,757	14,288	71	54	74 209	608,430	5 170,218	8,498	8,028
22	5	98 947	22 333,733	328 925,709	14,728	14,258	72	55	72 160	552,919	4 561,788	8,250	7,781
23	6	98 899	20 862,480	306 591,976	14,696	14,226	73	56	70 044	501,599	4 008,869	7,992	7,523
24	7	98 850	19 488,029	285 729,496	14,662	14,192	74	57	67 795	453,729	3 507,270	7,730	7,260
25	8	98 800	18 203,901	266 241,467	14,626	14,156	75	58	65 434	409,280	3 053,541	7,461	6,991
26	9	98 750	17 004,252	248 037,566	14,587	14,117	76	59	62 930	367,866	2 644,261	7,188	6,719
27	10	98 701	15 883,977	231 033,314	14,545	14,076	77	60	60 293	329,392	2 276,395	6,911	6,441
28	11	98 651	14 837,337	215 149,337	14,501	14,031	78	61	57 568	293,934	1 947,003	6,624	6,154
29	12	98 598	13 859,191	200 311,999	14,453	13,984	79	62	54 687	260,954	1 653,069	6,335	5,865
30	13	98 543	12 945,307	186 452,809	14,403	13,934	80	63	51 663	230,397	1 392,115	6,042	5,573
31	14	98 483	12 091,072	173 507,502	14,350	13,881	81	64	48 451	201,938	1 161,717	5,753	5,283
32	15	98 418	11 292,544	161 416,430	14,294	13,825	82	65	45 101	175,677	959,779	5,463	4,994
33	16	98 346	10 546,111	150 123,886	14,235	13,765	83	66	41 634	151,565	784,102	5,173	4,704
34	17	98 265	9 848,009	139 577,776	14,173	13,704	84	67	38 010	129,317	632,537	4,891	4,422
35	18	98 183	9 196,086	129 729,767	14,107	13,638	85	68	34 281	109,001	503,220	4,617	4,147
36	19	98 093	8 586,590	120 533,680	14,037	13,568	86	69	30 473	90,555	394,219	4,353	3,884
37	20	97 990	8 016,446	111 947,090	13,965	13,495	87	70	26 667	74,061	303,664	4,100	3,631
38	21	97 876	7 483,307	103 930,644	13,888	13,419	88	71	22 935	59,528	229,603	3,857	3,388
39	22	97 760	6 985,453	96 447,337	13,807	13,337	89	72	19 299	46,815	170,075	3,633	3,163
40	23	97 631	6 519,828	89 461,884	13,722	13,252	90	73	15 870	35,979	123,260	3,426	2,956
41	24	97 494	6 084,761	82 942,056	13,631	13,162	91	74	12 743	26,999	87,281	3,233	2,763
42	25	97 337	5 677,510	76 857,295	13,537	13,068	92	75	10 000	19,802	60,282	3,044	2,575
43	26	97 180	5 297,548	71 179,785	13,436	12,967	93	76	7 605	14,073	40,480	2,876	2,407
44	27	97 008	4 942,203	65 882,237	13,331	12,861	94	77	5 615	9,711	26,406	2,719	2,250
45	28	96 819	4 609,906	60 940,034	13,219	12,750	95	78	4 001	6,468	16,696	2,581	2,112
46	29	96 614	4 299,203	56 330,128	13,102	12,633	96	79	2 760	4,169	10,228	2,453	1,984
47	30	96 391	4 008,669	52 030,925	12,980	12,510	97	80	1 834	2,589	6,059	2,340	1,871
48	31	96 139	3 736,628	48 022,255	12,852	12,382	98	81	1 180	1,557	3,470	2,229	1,759
49	32	95 856	3 481,889	44 285,627	12,719	12,249	99	82	734	0,905	1,913	2,115	1,645
							100	83	433	0,499	1,008	2,021	1,551

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	3 244,545	40 857,326	12,593	12,123
1							51	33	95 236	3 021,526	37 612,781	12,448	11,979
2							52	34	94 862	2 812,767	34 591,254	12,298	11,828
3							53	35	94 446	2 617,251	31 778,487	12,142	11,672
4							54	36	93 976	2 433,850	29 161,236	11,982	11,512
5							55	37	93 461	2 262,155	26 727,386	11,815	11,345
6							56	38	92 883	2 101,079	24 465,231	11,644	11,175
7							57	39	92 243	1 950,107	22 364,151	11,468	10,999
8							58	40	91 531	1 808,468	20 414,044	11,288	10,819
9							59	41	90 767	1 676,041	18 605,576	11,101	10,631
10							60	42	89 912	1 551,644	16 929,535	10,911	10,441
11							61	43	88 981	1 435,121	15 377,891	10,715	10,246
12							62	44	87 960	1 325,838	13 942,771	10,516	10,047
13							63	45	86 844	1 223,379	12 616,933	10,313	9,844
14							64	46	85 627	1 127,319	11 393,554	10,107	9,637
15							65	47	84 316	1 037,449	10 266,234	9,896	9,426
16							66	48	82 914	953,453	9 228,785	9,679	9,210
17							67	49	81 398	874,779	8 275,332	9,460	8,990
18	0	99 448	29 423,140	435 352,440	14,796	14,327	68	50	79 791	801,417	7 400,553	9,234	8,765
19	1	99 122	27 408,157	405 929,299	14,811	14,341	69	51	78 080	732,925	6 599,136	9,004	8,534
20	2	99 060	25 599,069	378 521,142	14,787	14,317	70	52	76 275	669,143	5 866,211	8,767	8,297
21	3	99 006	23 911,349	352 922,074	14,760	14,290	71	53	74 394	609,942	5 197,068	8,521	8,051
22	4	98 957	22 335,789	329 010,725	14,730	14,261	72	54	72 359	554,446	4 587,126	8,273	7,804
23	5	98 906	20 863,898	306 674,936	14,699	14,229	73	55	70 263	503,165	4 032,679	8,015	7,545
24	6	98 858	19 489,452	285 811,038	14,665	14,195	74	56	68 025	455,269	3 529,515	7,753	7,283
25	7	98 805	18 204,768	266 321,586	14,629	14,160	75	57	65 681	410,823	3 074,246	7,483	7,014
26	8	98 757	17 005,478	248 116,818	14,590	14,121	76	58	63 194	369,408	2 663,423	7,210	6,740
27	9	98 706	15 884,821	231 111,340	14,549	14,080	77	59	60 573	330,926	2 294,015	6,932	6,463
28	10	98 657	14 838,162	215 226,519	14,505	14,035	78	60	57 865	295,449	1 963,089	6,644	6,175
29	11	98 605	13 860,257	200 388,357	14,458	13,988	79	61	54 994	262,420	1 667,640	6,355	5,885
30	12	98 549	12 946,125	186 528,100	14,408	13,939	80	62	51 981	231,817	1 405,221	6,062	5,592
31	13	98 491	12 092,028	173 581,975	14,355	13,886	81	63	48 781	203,313	1 173,404	5,771	5,302
32	14	98 427	11 293,585	161 489,947	14,299	13,830	82	64	45 437	176,988	970,091	5,481	5,012
33	15	98 357	10 547,332	150 196,362	14,240	13,771	83	65	41 971	152,790	793,103	5,191	4,721
34	16	98 277	9 849,268	139 649,030	14,179	13,709	84	66	38 345	130,460	640,313	4,908	4,439
35	17	98 195	9 197,279	129 799,762	14,113	13,643	85	67	34 605	110,031	509,854	4,634	4,164
36	18	98 109	8 587,984	120 602,483	14,043	13,574	86	68	30 787	91,489	399,823	4,370	3,901
37	19	98 006	8 017,764	112 014,499	13,971	13,501	87	69	26 979	74,926	308,335	4,115	3,646
38	20	97 892	7 484,532	103 996,735	13,895	13,425	88	70	23 226	60,285	233,408	3,872	3,402
39	21	97 777	6 986,639	96 512,203	13,814	13,344	89	71	19 570	47,471	173,124	3,647	3,177
40	22	97 647	6 520,922	89 525,564	13,729	13,259	90	72	16 111	36,525	125,653	3,440	2,971
41	23	97 510	6 085,757	83 004,641	13,639	13,170	91	73	12 960	27,459	89,128	3,246	2,776
42	24	97 353	5 678,443	76 918,885	13,546	13,076	92	74	10 186	20,169	61,670	3,058	2,588
43	25	97 199	5 298,578	71 240,442	13,445	12,976	93	75	7 761	14,362	41,501	2,890	2,420
44	26	97 025	4 943,084	65 941,864	13,340	12,871	94	76	5 742	9,931	27,138	2,733	2,263
45	27	96 840	4 610,873	60 998,780	13,229	12,760	95	77	4 099	6,626	17,207	2,597	2,127
46	28	96 637	4 300,226	56 387,907	13,113	12,643	96	78	2 837	4,286	10,581	2,469	1,999
47	29	96 415	4 009,659	52 087,680	12,991	12,521	97	79	1 892	2,671	6,295	2,357	1,887
48	30	96 167	3 737,685	48 078,022	12,863	12,394	98	80	1 223	1,614	3,624	2,246	1,776
49	31	95 887	3 483,011	44 340,337	12,730	12,261	99	81	765	0,943	2,011	2,132	1,663
							100	82	454	0,524	1,068	2,039	1,570

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	3 245,591	40 906,244	12,604	12,134
1							51	32	95 268	3 022,542	37 660,654	12,460	11,990
2							52	33	94 895	2 813,753	34 638,112	12,310	11,841
3							53	34	94 482	2 618,250	31 824,359	12,155	11,685
4							54	35	94 020	2 434,987	29 206,109	11,994	11,525
5							55	36	93 506	2 263,234	26 771,122	11,829	11,359
6							56	37	92 929	2 102,141	24 507,887	11,659	11,189
7							57	38	92 294	1 951,188	22 405,746	11,483	11,014
8							58	39	91 591	1 809,646	20 454,558	11,303	10,834
9							59	40	90 824	1 677,103	18 644,912	11,117	10,648
10							60	41	89 978	1 552,782	16 967,810	10,927	10,458
11							61	42	89 053	1 436,279	15 415,028	10,733	10,263
12							62	43	88 039	1 327,027	13 978,748	10,534	10,064
13							63	44	86 926	1 224,537	12 651,722	10,332	9,862
14							64	45	85 719	1 128,533	11 427,184	10,126	9,656
15							65	46	84 416	1 038,679	10 298,651	9,915	9,446
16							66	47	83 022	954,694	9 259,972	9,699	9,230
17							67	48	81 521	876,108	8 305,278	9,480	9,010
18							68	49	79 926	802,769	7 429,170	9,254	8,785
19	0	99 410	27 487,648	406 097,068	14,774	14,304	69	50	78 224	734,279	6 626,401	9,024	8,555
20	1	99 082	25 604,764	378 609,420	14,787	14,317	70	51	76 434	670,535	5 892,122	8,787	8,318
21	2	99 019	23 914,491	353 004,657	14,761	14,292	71	52	74 558	611,290	5 221,587	8,542	8,072
22	3	98 966	22 338,017	329 090,166	14,732	14,263	72	53	72 539	555,824	4 610,297	8,295	7,825
23	4	98 915	20 865,818	306 752,149	14,701	14,232	73	54	70 457	504,555	4 054,473	8,036	7,566
24	5	98 864	19 490,776	285 886,331	14,668	14,198	74	55	68 237	456,690	3 549,919	7,773	7,304
25	6	98 812	18 206,098	266 395,555	14,632	14,163	75	56	65 904	412,217	3 093,228	7,504	7,034
26	7	98 762	17 006,288	248 189,457	14,594	14,124	76	57	63 432	370,801	2 681,011	7,230	6,761
27	8	98 713	15 885,966	231 183,169	14,553	14,083	77	58	60 827	332,313	2 310,211	6,952	6,482
28	9	98 662	14 838,951	215 297,203	14,509	14,039	78	59	58 135	296,824	1 977,898	6,664	6,194
29	10	98 611	13 861,027	200 458,252	14,462	13,992	79	60	55 277	263,772	1 681,074	6,373	5,904
30	11	98 557	12 947,120	186 597,225	14,412	13,943	80	61	52 273	233,119	1 417,302	6,080	5,610
31	12	98 497	12 092,792	173 650,105	14,360	13,890	81	62	49 081	204,565	1 184,183	5,789	5,319
32	13	98 434	11 294,478	161 557,313	14,304	13,835	82	63	45 747	178,193	979,618	5,498	5,028
33	14	98 367	10 548,305	150 262,834	14,245	13,776	83	64	42 284	153,930	801,425	5,206	4,737
34	15	98 288	9 850,409	139 714,530	14,184	13,714	84	65	38 655	131,513	647,495	4,923	4,454
35	16	98 208	9 198,455	129 864,121	14,118	13,649	85	66	34 910	111,003	515,981	4,648	4,179
36	17	98 121	8 589,098	120 665,666	14,049	13,579	86	67	31 078	92,353	404,978	4,385	3,916
37	18	98 022	8 019,066	112 076,568	13,976	13,507	87	68	27 257	75,699	312,626	4,130	3,660
38	19	97 908	7 485,762	104 057,503	13,901	13,431	88	69	23 498	60,989	236,927	3,885	3,415
39	20	97 793	6 987,783	96 571,740	13,820	13,351	89	70	19 818	48,074	175,938	3,660	3,190
40	21	97 664	6 522,030	89 583,958	13,736	13,266	90	71	16 337	37,036	127,864	3,452	2,983
41	22	97 526	6 086,778	83 061,928	13,646	13,177	91	72	13 157	27,875	90,828	3,258	2,789
42	23	97 369	5 679,372	76 975,150	13,553	13,084	92	73	10 359	20,512	62,952	3,069	2,599
43	24	97 215	5 299,449	71 295,778	13,453	12,984	93	74	7 905	14,628	42,440	2,901	2,432
44	25	97 044	4 944,045	65 996,330	13,349	12,879	94	75	5 860	10,135	27,812	2,744	2,275
45	26	96 857	4 611,695	61 052,284	13,239	12,769	95	76	4 192	6,776	17,677	2,609	2,139
46	27	96 658	4 301,129	56 440,589	13,122	12,653	96	77	2 907	4,391	10,901	2,482	2,013
47	28	96 438	4 010,613	52 139,461	13,000	12,531	97	78	1 945	2,746	6,509	2,371	1,901
48	29	96 190	3 738,607	48 128,847	12,873	12,404	98	79	1 262	1,665	3,764	2,260	1,791
49	30	95 914	3 483,996	44 390,240	12,741	12,272	99	80	793	0,977	2,099	2,148	1,678
							100	81	474	0,546	1,122	2,055	1,586

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	3 246,509	40 950,854	12,614	12,144
1							51	31	95 298	3 023,515	37 704,345	12,470	12,001
2							52	32	94 927	2 814,698	34 680,830	12,321	11,852
3							53	33	94 516	2 619,167	31 866,132	12,167	11,697
4							54	34	94 056	2 435,917	29 246,965	12,007	11,537
5							55	35	93 549	2 264,292	26 811,047	11,841	11,371
6							56	36	92 974	2 103,144	24 546,756	11,671	11,202
7							57	37	92 341	1 952,174	22 443,612	11,497	11,027
8							58	38	91 642	1 810,649	20 491,438	11,317	10,848
9							59	39	90 884	1 678,195	18 680,789	11,131	10,662
10							60	40	90 035	1 553,766	17 002,594	10,943	10,473
11							61	41	89 118	1 437,333	15 448,828	10,748	10,279
12							62	42	88 110	1 328,098	14 011,496	10,550	10,081
13							63	43	87 004	1 225,635	12 683,397	10,348	9,879
14							64	44	85 800	1 129,602	11 457,762	10,143	9,674
15							65	45	84 507	1 039,798	10 328,160	9,933	9,463
16							66	46	83 120	955,826	9 288,363	9,718	9,248
17							67	47	81 627	877,248	8 332,537	9,498	9,029
18							68	48	80 047	803,989	7 455,289	9,273	8,803
19							69	49	78 356	735,518	6 651,301	9,043	8,574
20	0	99 370	25 679,024	378 764,125	14,750	14,280	70	50	76 575	671,774	5 915,783	8,806	8,337
21	1	99 041	23 919,811	353 085,101	14,761	14,292	71	51	74 713	612,562	5 244,009	8,561	8,091
22	2	98 979	22 340,952	329 165,290	14,734	14,264	72	52	72 699	557,052	4 631,447	8,314	7,845
23	3	98 925	20 867,899	306 824,338	14,703	14,234	73	53	70 632	505,808	4 074,395	8,055	7,586
24	4	98 873	19 492,571	285 956,439	14,670	14,201	74	54	68 426	457,952	3 568,587	7,792	7,323
25	5	98 819	18 207,335	266 463,868	14,635	14,165	75	55	66 109	413,504	3 110,635	7,523	7,053
26	6	98 769	17 007,529	248 256,534	14,597	14,127	76	56	63 647	372,059	2 697,132	7,249	6,780
27	7	98 718	15 886,723	231 249,004	14,556	14,087	77	57	61 057	333,566	2 325,073	6,970	6,501
28	8	98 669	14 840,020	215 362,281	14,512	14,043	78	58	58 378	298,068	1 991,507	6,681	6,212
29	9	98 616	13 861,764	200 522,261	14,466	13,996	79	59	55 535	265,000	1 693,439	6,390	5,921
30	10	98 562	12 947,840	186 660,497	14,416	13,947	80	60	52 543	234,320	1 428,438	6,096	5,627
31	11	98 505	12 093,722	173 712,657	14,364	13,894	81	61	49 357	205,714	1 194,118	5,805	5,335
32	12	98 441	11 295,192	161 618,935	14,309	13,839	82	62	46 029	179,291	988,404	5,513	5,043
33	13	98 374	10 549,139	150 323,743	14,250	13,780	83	63	42 572	154,978	809,114	5,221	4,751
34	14	98 298	9 851,317	139 774,604	14,188	13,719	84	64	38 944	132,495	654,136	4,937	4,468
35	15	98 219	9 199,520	129 923,287	14,123	13,653	85	65	35 192	111,900	521,641	4,662	4,192
36	16	98 134	8 590,196	120 723,767	14,054	13,584	86	66	31 353	93,169	409,741	4,398	3,928
37	17	98 035	8 020,105	112 133,571	13,982	13,512	87	67	27 514	76,414	316,572	4,143	3,673
38	18	97 924	7 486,978	104 113,465	13,906	13,436	88	68	23 740	61,618	240,159	3,898	3,428
39	19	97 809	6 988,931	96 626,487	13,826	13,356	89	69	20 050	48,636	178,541	3,671	3,201
40	20	97 680	6 523,098	89 637,556	13,742	13,272	90	70	16 545	37,507	129,906	3,463	2,994
41	21	97 543	6 087,812	83 114,459	13,653	13,183	91	71	13 341	28,266	92,398	3,269	2,799
42	22	97 385	5 680,325	77 026,647	13,560	13,091	92	72	10 516	20,824	64,133	3,080	2,610
43	23	97 231	5 300,316	71 346,322	13,461	12,991	93	73	8 039	14,877	43,309	2,911	2,442
44	24	97 060	4 944,858	66 046,007	13,357	12,887	94	74	5 969	10,323	28,432	2,754	2,285
45	25	96 876	4 612,592	61 101,149	13,247	12,777	95	75	4 278	6,915	18,109	2,619	2,149
46	26	96 675	4 301,895	56 488,557	13,131	12,662	96	76	2 973	4,491	11,194	2,493	2,023
47	27	96 458	4 011,455	52 186,662	13,009	12,540	97	77	1 992	2,813	6,703	2,383	1,913
48	28	96 213	3 739,497	48 175,207	12,883	12,413	98	78	1 297	1,712	3,890	2,273	1,803
49	29	95 938	3 484,856	44 435,710	12,751	12,282	99	79	818	1,008	2,178	2,160	1,691
							100	80	491	0,566	1,170	2,069	1,599

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	3 247,310	40 991,490	12,623	12,154
1							51	30	95 325	3 024,370	37 744,180	12,480	12,010
2							52	31	94 957	2 815,605	34 719,809	12,331	11,862
3							53	32	94 547	2 620,048	31 904,204	12,177	11,707
4							54	33	94 089	2 436,771	29 284,157	12,018	11,548
5							55	34	93 585	2 265,156	26 847,386	11,852	11,383
6							56	35	93 017	2 104,126	24 582,230	11,683	11,213
7							57	36	92 385	1 953,106	22 478,103	11,509	11,039
8							58	37	91 688	1 811,564	20 524,998	11,330	10,860
9							59	38	90 934	1 679,125	18 713,434	11,145	10,675
10							60	39	90 094	1 554,777	17 034,309	10,956	10,487
11							61	40	89 175	1 438,243	15 479,532	10,763	10,293
12							62	41	88 174	1 329,072	14 041,289	10,565	10,095
13							63	42	87 074	1 226,625	12 712,216	10,364	9,894
14							64	43	85 877	1 130,614	11 485,591	10,159	9,689
15							65	44	84 587	1 040,782	10 354,977	9,949	9,480
16							66	45	83 210	956,855	9 314,195	9,734	9,265
17							67	46	81 724	878,288	8 357,340	9,515	9,046
18							68	47	80 151	805,035	7 479,052	9,290	8,821
19							69	48	78 475	736,635	6 674,017	9,060	8,591
20							70	49	76 704	672,907	5 937,382	8,823	8,354
21	0	99 329	23 989,185	353 227,769	14,724	14,255	71	50	74 851	613,693	5 264,475	8,578	8,109
22	1	99 001	22 345,922	329 238,584	14,734	14,264	72	51	72 850	558,211	4 650,782	8,332	7,862
23	2	98 938	20 870,641	306 892,662	14,705	14,235	73	52	70 788	506,926	4 092,571	8,073	7,604
24	3	98 883	19 494,514	286 022,021	14,672	14,202	74	53	68 596	459,090	3 585,645	7,810	7,341
25	4	98 828	18 209,011	266 527,506	14,637	14,168	75	54	66 292	414,646	3 126,555	7,540	7,071
26	5	98 775	17 008,685	248 318,495	14,600	14,130	76	55	63 846	373,221	2 711,909	7,266	6,797
27	6	98 725	15 887,883	231 309,810	14,559	14,089	77	56	61 264	334,697	2 338,689	6,987	6,518
28	7	98 674	14 840,727	215 421,927	14,516	14,046	78	57	58 598	299,192	2 003,991	6,698	6,228
29	8	98 623	13 862,763	200 581,200	14,469	14,000	79	58	55 767	266,111	1 704,799	6,406	5,937
30	9	98 568	12 948,528	186 718,437	14,420	13,951	80	59	52 787	235,411	1 438,688	6,111	5,642
31	10	98 510	12 094,395	173 769,909	14,368	13,898	81	60	49 612	206,774	1 203,277	5,819	5,350
32	11	98 448	11 296,061	161 675,514	14,313	13,843	82	61	46 287	180,298	996,503	5,527	5,057
33	12	98 381	10 549,805	150 379,453	14,254	13,785	83	62	42 834	155,932	816,205	5,234	4,765
34	13	98 305	9 852,096	139 829,648	14,193	13,723	84	63	39 209	133,397	660,273	4,950	4,480
35	14	98 228	9 200,368	129 977,552	14,127	13,658	85	64	35 455	112,735	526,876	4,674	4,204
36	15	98 145	8 591,191	120 777,184	14,058	13,589	86	65	31 606	93,921	414,141	4,409	3,940
37	16	98 047	8 021,131	112 185,993	13,986	13,517	87	66	27 757	77,089	320,220	4,154	3,684
38	17	97 937	7 487,949	104 164,862	13,911	13,441	88	67	23 964	62,200	243,131	3,909	3,439
39	18	97 825	6 990,066	96 676,913	13,831	13,361	89	68	20 256	49,137	180,931	3,682	3,213
40	19	97 696	6 524,170	89 686,847	13,747	13,277	90	69	16 738	37,945	131,794	3,473	3,004
41	20	97 559	6 088,808	83 162,677	13,658	13,189	91	70	13 510	28,625	93,849	3,279	2,809
42	21	97 401	5 681,289	77 073,869	13,566	13,097	92	71	10 664	21,115	65,224	3,089	2,619
43	22	97 247	5 301,205	71 392,580	13,467	12,998	93	72	8 161	15,103	44,109	2,920	2,451
44	23	97 076	4 945,667	66 091,375	13,363	12,894	94	73	6 070	10,498	29,006	2,763	2,293
45	24	96 892	4 613,350	61 145,708	13,254	12,785	95	74	4 358	7,044	18,507	2,628	2,158
46	25	96 694	4 302,732	56 532,359	13,139	12,669	96	75	3 034	4,583	11,464	2,501	2,032
47	26	96 475	4 012,170	52 229,627	13,018	12,548	97	76	2 038	2,877	6,881	2,392	1,922
48	27	96 233	3 740,282	48 217,457	12,891	12,422	98	77	1 329	1,754	4,004	2,283	1,814
49	28	95 961	3 485,685	44 477,175	12,760	12,290	99	78	841	1,037	2,251	2,171	1,702
							100	79	506	0,584	1,214	2,080	1,611

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	28	95 679	3 248,083	41 028,538	12,632	12,162
1							51	29	95 349	3 025,117	37 780,455	12,489	12,019
2							52	30	94 984	2 816,401	34 755,338	12,340	11,871
3							53	31	94 578	2 620,891	31 938,937	12,186	11,717
4							54	32	94 121	2 437,590	29 318,046	12,027	11,558
5							55	33	93 618	2 265,950	26 880,456	11,863	11,393
6							56	34	93 053	2 104,930	24 614,506	11,694	11,224
7							57	35	92 428	1 954,018	22 509,576	11,520	11,050
8							58	36	91 732	1 812,428	20 555,558	11,341	10,872
9							59	37	90 980	1 679,973	18 743,130	11,157	10,687
10							60	38	90 144	1 555,639	17 063,157	10,969	10,499
11							61	39	89 233	1 439,180	15 507,518	10,775	10,306
12							62	40	88 230	1 329,914	14 068,338	10,578	10,109
13							63	41	87 138	1 227,525	12 738,423	10,377	9,908
14							64	42	85 946	1 131,527	11 510,899	10,173	9,703
15							65	43	84 663	1 041,715	10 379,371	9,964	9,494
16							66	44	83 289	957,761	9 337,656	9,749	9,280
17							67	45	81 812	879,234	8 379,896	9,531	9,061
18							68	46	80 246	805,989	7 500,662	9,306	8,837
19							69	47	78 577	737,594	6 694,673	9,076	8,607
20							70	48	76 821	673,930	5 957,079	8,839	8,370
21							71	49	74 978	614,729	5 283,149	8,594	8,125
22	0	99 289	22 410,731	329 370,162	14,697	14,227	72	50	72 985	559,242	4 668,421	8,348	7,878
23	1	98 960	20 875,284	306 959,431	14,704	14,235	73	51	70 935	507,981	4 109,179	8,089	7,620
24	2	98 896	19 497,076	286 084,147	14,673	14,204	74	52	68 747	460,104	3 601,198	7,827	7,357
25	3	98 838	18 210,827	266 587,071	14,639	14,169	75	53	66 457	415,676	3 141,094	7,557	7,087
26	4	98 785	17 010,251	248 376,244	14,602	14,132	76	54	64 022	374,251	2 725,418	7,282	6,813
27	5	98 732	15 888,963	231 365,993	14,561	14,092	77	55	61 455	335,742	2 351,167	7,003	6,533
28	6	98 681	14 841,811	215 477,031	14,518	14,049	78	56	58 797	300,207	2 015,424	6,713	6,244
29	7	98 628	13 863,423	200 635,220	14,472	14,003	79	57	55 978	267,114	1 715,217	6,421	5,952
30	8	98 575	12 949,462	186 771,797	14,423	13,954	80	58	53 008	236,398	1 448,103	6,126	5,656
31	9	98 515	12 095,038	173 822,335	14,371	13,902	81	59	49 843	207,737	1 211,705	5,833	5,363
32	10	98 454	11 296,689	161 727,297	14,316	13,847	82	60	46 526	181,227	1 003,968	5,540	5,070
33	11	98 388	10 550,617	150 430,609	14,258	13,788	83	61	43 075	156,808	822,741	5,247	4,777
34	12	98 312	9 852,719	139 879,992	14,197	13,728	84	62	39 450	134,219	665,933	4,962	4,492
35	13	98 236	9 201,096	130 027,273	14,132	13,662	85	63	35 696	113,502	531,714	4,685	4,215
36	14	98 154	8 591,983	120 826,178	14,063	13,593	86	64	31 842	94,622	418,212	4,420	3,950
37	15	98 059	8 022,060	112 234,194	13,991	13,521	87	65	27 982	77,711	323,590	4,164	3,694
38	16	97 949	7 488,906	104 212,134	13,916	13,446	88	66	24 176	62,749	245,878	3,918	3,449
39	17	97 837	6 990,972	96 723,228	13,835	13,366	89	67	20 448	49,601	183,129	3,692	3,223
40	18	97 712	6 525,229	89 732,256	13,752	13,282	90	68	16 910	38,337	133,528	3,483	3,014
41	19	97 575	6 089,809	83 207,027	13,663	13,194	91	69	13 668	28,959	95,191	3,287	2,818
42	20	97 417	5 682,219	77 117,218	13,572	13,102	92	70	10 799	21,384	66,232	3,097	2,628
43	21	97 264	5 302,105	71 434,998	13,473	13,003	93	71	8 276	15,315	44,848	2,928	2,459
44	22	97 092	4 946,496	66 132,893	13,370	12,900	94	72	6 162	10,658	29,534	2,771	2,302
45	23	96 908	4 614,104	61 186,397	13,261	12,791	95	73	4 432	7,163	18,876	2,635	2,166
46	24	96 710	4 303,439	56 572,292	13,146	12,676	96	74	3 090	4,668	11,713	2,509	2,040
47	25	96 494	4 012,950	52 268,854	13,025	12,556	97	75	2 079	2,936	7,045	2,400	1,930
48	26	96 251	3 740,949	48 255,904	12,899	12,430	98	76	1 359	1,793	4,109	2,291	1,822
49	27	95 981	3 486,417	44 514,955	12,768	12,299	99	77	861	1,062	2,316	2,181	1,711
							100	78	521	0,600	1,254	2,090	1,620

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	3 248,764	41 062,286	12,639	12,170
1							51	28	95 371	3 025,837	37 813,522	12,497	12,027
2							52	29	95 008	2 817,097	34 787,684	12,349	11,879
3							53	30	94 605	2 621,633	31 970,588	12,195	11,725
4							54	31	94 151	2 438,375	29 348,955	12,036	11,567
5							55	32	93 649	2 266,711	26 910,580	11,872	11,403
6							56	33	93 085	2 105,667	24 643,869	11,704	11,234
7							57	34	92 463	1 954,764	22 538,202	11,530	11,060
8							58	35	91 775	1 813,275	20 583,437	11,352	10,882
9							59	36	91 023	1 680,775	18 770,163	11,168	10,698
10							60	37	90 189	1 556,425	17 089,388	10,980	10,510
11							61	38	89 282	1 439,978	15 532,963	10,787	10,317
12							62	39	88 288	1 330,780	14 092,985	10,590	10,121
13							63	40	87 193	1 228,302	12 762,205	10,390	9,921
14							64	41	86 009	1 132,357	11 533,903	10,186	9,716
15							65	42	84 732	1 042,556	10 401,545	9,977	9,507
16							66	43	83 363	958,619	9 358,989	9,763	9,293
17							67	44	81 890	880,066	8 400,370	9,545	9,076
18							68	45	80 333	806,857	7 520,303	9,320	8,851
19							69	46	78 671	738,468	6 713,446	9,091	8,622
20							70	47	76 921	674,807	5 974,978	8,854	8,385
21							71	48	75 092	615,663	5 300,172	8,609	8,139
22							72	49	73 108	560,186	4 684,509	8,362	7,893
23	0	99 247	20 935,828	307 080,791	14,668	14,198	73	50	71 066	508,919	4 124,324	8,104	7,635
24	1	98 918	19 501,414	286 144,963	14,673	14,204	74	51	68 890	461,061	3 615,405	7,841	7,372
25	2	98 851	18 213,220	266 643,550	14,640	14,171	75	52	66 603	416,594	3 154,343	7,572	7,102
26	3	98 794	17 011,947	248 430,330	14,603	14,134	76	53	64 181	375,181	2 737,749	7,297	6,828
27	4	98 741	15 890,425	231 418,383	14,563	14,094	77	54	61 625	336,670	2 362,568	7,017	6,548
28	5	98 688	14 842,819	215 527,958	14,521	14,051	78	55	58 981	301,145	2 025,898	6,727	6,258
29	6	98 635	13 864,436	200 685,138	14,475	14,005	79	56	56 168	268,021	1 724,753	6,435	5,966
30	7	98 579	12 950,078	186 820,703	14,426	13,957	80	57	53 208	237,289	1 456,733	6,139	5,670
31	8	98 523	12 095,909	173 870,624	14,374	13,905	81	58	50 051	208,608	1 219,444	5,846	5,376
32	9	98 459	11 297,289	161 774,715	14,320	13,850	82	59	46 742	182,071	1 010,836	5,552	5,082
33	10	98 394	10 551,203	150 477,426	14,262	13,792	83	60	43 297	157,616	828,765	5,258	4,789
34	11	98 319	9 853,476	139 926,222	14,201	13,731	84	61	39 672	134,973	671,149	4,972	4,503
35	12	98 242	9 201,677	130 072,746	14,136	13,666	85	62	35 916	114,201	536,177	4,695	4,226
36	13	98 162	8 592,663	120 871,069	14,067	13,597	86	63	32 059	95,266	421,975	4,429	3,960
37	14	98 068	8 022,800	112 278,406	13,995	13,525	87	64	28 191	78,292	326,709	4,173	3,703
38	15	97 961	7 489,773	104 255,606	13,920	13,450	88	65	24 371	63,256	248,417	3,927	3,458
39	16	97 850	6 991,866	96 765,833	13,840	13,370	89	66	20 628	50,039	185,161	3,700	3,231
40	17	97 724	6 526,075	89 773,967	13,756	13,287	90	67	17 070	38,699	135,122	3,492	3,022
41	18	97 591	6 090,798	83 247,892	13,668	13,198	91	68	13 809	29,258	96,423	3,296	2,826
42	19	97 433	5 683,154	77 157,094	13,576	13,107	92	69	10 925	21,633	67,165	3,105	2,635
43	20	97 280	5 302,973	71 473,941	13,478	13,009	93	70	8 381	15,509	45,532	2,936	2,466
44	21	97 109	4 947,336	66 170,967	13,375	12,906	94	71	6 249	10,807	30,022	2,778	2,309
45	22	96 924	4 614,879	61 223,631	13,267	12,797	95	72	4 499	7,272	19,215	2,642	2,173
46	23	96 725	4 304,143	56 608,752	13,152	12,683	96	73	3 142	4,747	11,943	2,516	2,046
47	24	96 510	4 013,609	52 304,610	13,032	12,562	97	74	2 118	2,990	7,196	2,407	1,937
48	25	96 269	3 741,676	48 291,000	12,906	12,437	98	75	1 387	1,830	4,206	2,298	1,829
49	26	95 998	3 487,038	44 549,324	12,776	12,306	99	76	881	1,086	2,376	2,187	1,718
							100	77	533	0,615	1,290	2,098	1,629

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	3 249,344	41 092,978	12,647	12,177
1							51	27	95 391	3 026,472	37 843,635	12,504	12,035
2							52	28	95 030	2 817,767	34 817,163	12,356	11,887
3							53	29	94 628	2 622,280	31 999,396	12,203	11,733
4							54	30	94 178	2 439,064	29 377,116	12,044	11,575
5							55	31	93 679	2 267,442	26 938,051	11,880	11,411
6							56	32	93 117	2 106,375	24 670,610	11,712	11,243
7							57	33	92 496	1 955,449	22 564,235	11,539	11,070
8							58	34	91 810	1 813,967	20 608,786	11,361	10,892
9							59	35	91 066	1 681,560	18 794,818	11,177	10,708
10							60	36	90 232	1 557,168	17 113,259	10,990	10,520
11							61	37	89 328	1 440,705	15 556,091	10,798	10,328
12							62	38	88 337	1 331,518	14 115,386	10,601	10,131
13							63	39	87 250	1 229,102	12 783,868	10,401	9,931
14							64	40	86 064	1 133,075	11 554,766	10,198	9,728
15							65	41	84 794	1 043,321	10 421,691	9,989	9,519
16							66	42	83 431	959,393	9 378,370	9,775	9,306
17							67	43	81 963	880,855	8 418,977	9,558	9,088
18							68	44	80 409	807,621	7 538,121	9,334	8,864
19							69	45	78 755	739,263	6 730,500	9,104	8,635
20							70	46	77 012	675,607	5 991,237	8,868	8,398
21							71	47	75 189	616,464	5 315,631	8,623	8,153
22							72	48	73 219	561,037	4 699,167	8,376	7,906
23							73	49	71 186	509,777	4 138,130	8,118	7,648
24	0	99 205	19 557,973	286 256,909	14,636	14,167	74	50	69 018	461,913	3 628,353	7,855	7,386
25	1	98 873	18 217,272	266 698,936	14,640	14,170	75	51	66 742	417,461	3 166,440	7,585	7,115
26	2	98 807	17 014,183	248 481,665	14,604	14,135	76	52	64 323	376,010	2 748,978	7,311	6,841
27	3	98 751	15 892,010	231 467,482	14,565	14,096	77	53	61 778	337,506	2 372,968	7,031	6,561
28	4	98 697	14 844,186	215 575,472	14,523	14,053	78	54	59 144	301,976	2 035,462	6,740	6,271
29	5	98 642	13 865,378	200 731,287	14,477	14,008	79	55	56 343	268,857	1 733,486	6,448	5,978
30	6	98 586	12 951,024	186 865,909	14,429	13,959	80	56	53 389	238,094	1 464,628	6,151	5,682
31	7	98 527	12 096,485	173 914,885	14,377	13,908	81	57	50 240	209,394	1 226,534	5,858	5,388
32	8	98 466	11 298,103	161 818,400	14,323	13,853	82	58	46 938	182,834	1 017,140	5,563	5,094
33	9	98 399	10 551,764	150 520,296	14,265	13,795	83	59	43 498	158,350	834,306	5,269	4,799
34	10	98 325	9 854,024	139 968,532	14,204	13,735	84	60	39 876	135,668	675,956	4,982	4,513
35	11	98 250	9 202,385	130 114,508	14,139	13,670	85	61	36 118	114,843	540,288	4,705	4,235
36	12	98 168	8 593,206	120 912,123	14,071	13,601	86	62	32 256	95,853	425,445	4,439	3,969
37	13	98 075	8 023,434	112 318,917	13,999	13,529	87	63	28 382	78,824	329,592	4,181	3,712
38	14	97 970	7 490,464	104 295,483	13,924	13,454	88	64	24 553	63,728	250,768	3,935	3,465
39	15	97 861	6 992,676	96 805,019	13,844	13,374	89	65	20 795	50,444	187,039	3,708	3,238
40	16	97 737	6 526,910	89 812,343	13,760	13,291	90	66	17 221	39,041	136,596	3,499	3,029
41	17	97 603	6 091,588	83 285,434	13,672	13,203	91	67	13 940	29,534	97,555	3,303	2,834
42	18	97 449	5 684,076	77 193,846	13,581	13,111	92	68	11 038	21,856	68,021	3,112	2,643
43	19	97 296	5 303,845	71 509,770	13,483	13,013	93	69	8 479	15,691	46,164	2,942	2,473
44	20	97 124	4 948,146	66 205,925	13,380	12,910	94	70	6 328	10,944	30,474	2,784	2,315
45	21	96 940	4 615,662	61 257,779	13,272	12,802	95	71	4 562	7,374	19,529	2,648	2,179
46	22	96 742	4 304,865	56 642,116	13,158	12,688	96	72	3 190	4,819	12,155	2,522	2,053
47	23	96 526	4 014,266	52 337,251	13,038	12,568	97	73	2 154	3,041	7,336	2,412	1,943
48	24	96 285	3 742,291	48 322,985	12,913	12,443	98	74	1 413	1,864	4,295	2,304	1,835
49	25	96 017	3 487,716	44 580,695	12,782	12,313	99	75	899	1,108	2,431	2,193	1,724
							100	76	545	0,629	1,323	2,104	1,635

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	3 249,975	41 120,990	12,653	12,183
1							51	26	95 408	3 027,011	37 871,014	12,511	12,042
2							52	27	95 050	2 818,358	34 844,003	12,363	11,894
3							53	28	94 650	2 622,904	32 025,644	12,210	11,740
4							54	29	94 201	2 439,666	29 402,740	12,052	11,582
5							55	30	93 706	2 268,083	26 963,074	11,888	11,419
6							56	31	93 147	2 107,053	24 694,991	11,720	11,251
7							57	32	92 527	1 956,106	22 587,937	11,547	11,078
8							58	33	91 842	1 814,603	20 631,831	11,370	10,900
9							59	34	91 101	1 682,202	18 817,229	11,186	10,717
10							60	35	90 274	1 557,895	17 135,026	10,999	10,529
11							61	36	89 370	1 441,393	15 577,131	10,807	10,337
12							62	37	88 381	1 332,191	14 135,739	10,611	10,141
13							63	38	87 298	1 229,783	12 803,548	10,411	9,942
14							64	39	86 120	1 133,812	11 573,765	10,208	9,738
15							65	40	84 847	1 043,982	10 439,952	10,000	9,531
16							66	41	83 492	960,097	9 395,970	9,786	9,317
17							67	42	82 029	881,566	8 435,873	9,569	9,100
18							68	43	80 481	808,345	7 554,307	9,345	8,876
19							69	44	78 830	739,963	6 745,962	9,117	8,647
20							70	45	77 095	676,334	6 005,999	8,880	8,411
21							71	46	75 278	617,194	5 329,664	8,635	8,166
22							72	47	73 314	561,767	4 712,470	8,389	7,919
23							73	48	71 294	510,552	4 150,703	8,130	7,660
24							74	49	69 134	462,692	3 640,151	7,867	7,398
25	0	99 160	18 270,106	266 802,207	14,603	14,134	75	50	66 865	418,233	3 177,459	7,597	7,128
26	1	98 829	17 017,968	248 532,100	14,604	14,135	76	51	64 457	376,793	2 759,227	7,323	6,853
27	2	98 764	15 894,098	231 514,133	14,566	14,097	77	52	61 914	338,252	2 382,434	7,043	6,574
28	3	98 706	14 845,666	215 620,035	14,524	14,055	78	53	59 291	302,727	2 044,182	6,753	6,283
29	4	98 651	13 866,654	200 774,369	14,479	14,009	79	54	56 499	269,600	1 741,456	6,459	5,990
30	5	98 593	12 951,904	186 907,715	14,431	13,961	80	55	53 556	238,838	1 471,856	6,163	5,693
31	6	98 534	12 097,369	173 955,811	14,380	13,910	81	56	50 411	210,105	1 233,018	5,869	5,399
32	7	98 471	11 298,642	161 858,442	14,325	13,856	82	57	47 115	183,523	1 022,913	5,574	5,104
33	8	98 406	10 552,525	150 559,800	14,268	13,798	83	58	43 681	159,014	839,390	5,279	4,809
34	9	98 330	9 854,548	140 007,276	14,207	13,738	84	59	40 062	136,300	680,376	4,992	4,522
35	10	98 255	9 202,897	130 152,728	14,143	13,673	85	60	36 304	115,435	544,077	4,713	4,244
36	11	98 176	8 593,867	120 949,831	14,074	13,604	86	61	32 437	96,392	428,642	4,447	3,977
37	12	98 082	8 023,941	112 355,964	14,003	13,533	87	62	28 557	79,310	332,250	4,189	3,720
38	13	97 978	7 491,056	104 332,023	13,928	13,458	88	63	24 720	64,162	252,940	3,942	3,473
39	14	97 870	6 993,321	96 840,967	13,848	13,378	89	64	20 950	50,820	188,778	3,715	3,245
40	15	97 748	6 527,665	89 847,646	13,764	13,295	90	65	17 360	39,356	137,958	3,505	3,036
41	16	97 616	6 092,366	83 319,981	13,676	13,207	91	66	14 063	29,795	98,602	3,309	2,840
42	17	97 462	5 684,813	77 227,615	13,585	13,115	92	67	11 142	22,063	68,807	3,119	2,649
43	18	97 311	5 304,706	71 542,801	13,487	13,017	93	68	8 566	15,852	46,744	2,949	2,479
44	19	97 140	4 948,960	66 238,095	13,384	12,915	94	69	6 402	11,072	30,892	2,790	2,321
45	20	96 956	4 616,418	61 289,135	13,276	12,807	95	70	4 620	7,468	19,819	2,654	2,185
46	21	96 758	4 305,596	56 672,717	13,163	12,693	96	71	3 235	4,887	12,352	2,528	2,058
47	22	96 542	4 014,940	52 367,121	13,043	12,574	97	72	2 187	3,087	7,465	2,418	1,949
48	23	96 301	3 742,903	48 352,182	12,918	12,449	98	73	1 437	1,896	4,378	2,309	1,840
49	24	96 032	3 488,289	44 609,279	12,788	12,319	99	74	915	1,129	2,482	2,199	1,729
							100	75	557	0,641	1,353	2,110	1,640

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 454 104,700	14,541	14,071	50	50	94 198	2 845,633	33 564,340	11,795	11,325
1	1	99 373	92 655,659	1 354 104,700	14,614	14,144	51	51	93 723	2 639,868	30 718,707	11,636	11,167
2	2	99 327	86 352,134	1 261 449,041	14,608	14,138	52	52	93 193	2 447,516	28 078,839	11,472	11,002
3	3	99 301	80 493,522	1 175 096,907	14,599	14,129	53	53	92 616	2 267,937	25 631,323	11,302	10,832
4	4	99 279	75 035,856	1 094 603,386	14,588	14,118	54	54	91 970	2 099,863	23 363,386	11,126	10,656
5	5	99 259	69 949,080	1 019 567,530	14,576	14,106	55	55	91 257	1 942,743	21 263,523	10,945	10,475
6	6	99 243	65 210,229	949 618,450	14,562	14,093	56	56	90 456	1 795,509	19 320,780	10,761	10,291
7	7	99 227	60 792,164	884 408,221	14,548	14,078	57	57	89 579	1 657,905	17 525,271	10,571	10,101
8	8	99 212	56 674,463	823 616,057	14,532	14,063	58	58	88 612	1 529,138	15 867,366	10,377	9,907
9	9	99 198	52 835,489	766 941,594	14,516	14,046	59	59	87 560	1 408,853	14 338,228	10,177	9,707
10	10	99 184	49 257,287	714 106,105	14,497	14,028	60	60	86 397	1 296,166	12 929,375	9,975	9,505
11	11	99 172	45 921,567	664 848,818	14,478	14,008	61	61	85 133	1 190,863	11 633,209	9,769	9,299
12	12	99 157	42 811,060	618 927,251	14,457	13,987	62	62	83 760	1 092,462	10 442,347	9,559	9,089
13	13	99 142	39 911,016	576 116,190	14,435	13,965	63	63	82 269	1 000,478	9 349,884	9,345	8,876
14	14	99 125	37 206,670	536 205,174	14,412	13,942	64	64	80 655	914,538	8 349,406	9,130	8,660
15	15	99 104	34 684,048	498 998,504	14,387	13,917	65	65	78 926	834,436	7 434,868	8,910	8,440
16	16	99 077	32 330,669	464 314,456	14,361	13,892	66	66	77 091	759,945	6 600,432	8,685	8,216
17	17	99 041	30 134,400	431 983,788	14,335	13,865	67	67	75 132	690,569	5 840,487	8,458	7,988
18	18	99 002	28 086,209	401 849,388	14,308	13,838	68	68	73 083	626,329	5 149,918	8,222	7,752
19	19	98 948	26 173,249	373 763,179	14,280	13,810	69	69	70 917	566,679	4 523,589	7,983	7,513
20	20	98 892	24 390,105	347 589,930	14,251	13,781	70	70	68 620	511,260	3 956,910	7,740	7,270
21	21	98 835	22 728,252	323 199,825	14,220	13,750	71	71	66 234	460,120	3 445,650	7,489	7,019
22	22	98 778	21 179,675	300 471,573	14,187	13,717	72	72	63 690	412,539	2 985,530	7,237	6,767
23	23	98 720	19 736,358	279 291,898	14,151	13,681	73	73	61 089	368,943	2 572,991	6,974	6,504
24	24	98 662	18 391,458	259 555,540	14,113	13,643	74	74	58 335	328,494	2 204,049	6,710	6,240
25	25	98 601	17 137,542	241 164,083	14,072	13,602	75	75	55 488	291,338	1 875,555	6,438	5,968
26	26	98 538	15 968,897	224 026,541	14,029	13,559	76	76	52 510	257,065	1 584,216	6,163	5,693
27	27	98 477	14 880,200	208 057,644	13,982	13,512	77	77	49 424	225,602	1 327,151	5,883	5,413
28	28	98 412	13 865,164	193 177,444	13,933	13,463	78	78	46 298	197,050	1 101,549	5,590	5,120
29	29	98 343	12 918,837	179 312,280	13,880	13,410	79	79	43 025	170,738	904,499	5,298	4,828
30	30	98 271	12 036,622	166 393,442	13,824	13,354	80	80	39 636	146,658	733,762	5,003	4,533
31	31	98 191	11 213,859	154 356,820	13,765	13,295	81	81	36 105	124,563	587,104	4,713	4,243
32	32	98 103	10 446,450	143 142,961	13,703	13,233	82	82	32 491	104,516	462,541	4,426	3,956
33	33	98 010	9 731,059	132 696,511	13,636	13,166	83	83	28 815	86,426	358,024	4,143	3,673
34	34	97 907	9 063,712	122 965,452	13,567	13,097	84	84	25 074	70,121	271,599	3,873	3,403
35	35	97 801	8 441,850	113 901,739	13,493	13,023	85	85	21 372	55,727	201,478	3,615	3,146
36	36	97 682	7 861,574	105 459,889	13,415	12,945	86	86	17 779	43,226	145,751	3,372	2,902
37	37	97 549	7 320,173	97 598,315	13,333	12,863	87	87	14 398	32,639	102,525	3,141	2,671
38	38	97 402	6 815,085	90 278,142	13,247	12,777	88	88	11 298	23,879	69,886	2,927	2,457
39	39	97 249	6 344,418	83 463,057	13,155	12,685	89	89	8 548	16,846	46,007	2,731	2,261
40	40	97 074	5 904,866	77 118,639	13,060	12,590	90	90	6 217	11,423	29,161	2,553	2,083
41	41	96 892	5 495,408	71 213,773	12,959	12,489	91	91	4 330	7,418	17,738	2,391	1,921
42	42	96 681	5 112,739	65 718,366	12,854	12,384	92	92	2 887	4,611	10,320	2,238	1,768
43	43	96 466	4 756,539	60 605,626	12,742	12,272	93	93	1 819	2,710	5,708	2,107	1,637
44	44	96 226	4 423,962	55 849,088	12,624	12,154	94	94	1 086	1,508	2,999	1,988	1,519
45	45	95 968	4 113,860	51 425,125	12,500	12,031	95	95	611	0,791	1,491	1,884	1,414
46	46	95 685	3 824,440	47 311,265	12,371	11,901	96	96	323	0,390	0,700	1,794	1,324
47	47	95 375	3 554,342	43 486,825	12,235	11,765	97	97	160	0,180	0,309	1,723	1,253
48	48	95 029	3 302,048	39 932,483	12,093	11,623	98	98	75	0,079	0,130	1,648	1,178
49	49	94 635	3 066,094	36 630,435	11,947	11,477	99	99	33	0,032	0,051	1,575	1,105
							100	100	13	0,012	0,019	1,516	1,046

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	1 453 369,559	14,576	14,106	50	51	94 025	2 840,386	33 335,261	11,736	11,266
1	2	99 351	92 635,051	1 353 658,746	14,613	14,143	51	52	93 528	2 634,387	30 494,875	11,576	11,106
2	3	99 314	86 340,787	1 261 023,695	14,605	14,135	52	53	92 988	2 442,121	27 860,488	11,408	10,938
3	4	99 291	80 485,496	1 174 682,908	14,595	14,125	53	54	92 387	2 262,315	25 418,367	11,236	10,766
4	5	99 270	75 028,949	1 094 197,412	14,584	14,114	54	55	91 717	2 094,080	23 156,052	11,058	10,588
5	6	99 252	69 944,327	1 019 168,463	14,571	14,101	55	56	90 973	1 936,697	21 061,972	10,875	10,405
6	7	99 236	65 205,468	949 224,136	14,557	14,088	56	57	90 150	1 789,437	19 125,276	10,688	10,218
7	8	99 222	60 789,269	884 018,668	14,542	14,072	57	58	89 242	1 651,677	17 335,839	10,496	10,026
8	9	99 205	56 670,378	823 229,399	14,527	14,057	58	59	88 242	1 522,756	15 684,161	10,300	9,830
9	10	99 192	52 832,681	766 559,021	14,509	14,039	59	60	87 154	1 402,323	14 161,405	10,099	9,629
10	11	99 179	49 254,549	713 726,340	14,491	14,021	60	61	85 954	1 289,521	12 759,082	9,894	9,425
11	12	99 164	45 918,036	664 471,791	14,471	14,001	61	62	84 657	1 184,210	11 469,561	9,685	9,216
12	13	99 151	42 808,355	618 553,756	14,449	13,979	62	63	83 248	1 085,775	10 285,351	9,473	9,003
13	14	99 134	39 907,862	575 745,401	14,427	13,957	63	64	81 713	993,715	9 199,576	9,258	8,788
14	15	99 116	37 203,237	535 837,539	14,403	13,933	64	65	80 057	907,762	8 205,861	9,040	8,570
15	16	99 092	34 680,032	498 634,302	14,378	13,908	65	66	78 293	827,749	7 298,099	8,817	8,347
16	17	99 064	32 326,536	463 954,270	14,352	13,882	66	67	76 416	753,290	6 470,350	8,589	8,120
17	18	99 029	30 130,493	431 627,734	14,325	13,855	67	68	74 429	684,106	5 717,060	8,357	7,887
18	19	98 986	28 081,650	401 497,241	14,297	13,828	68	69	72 338	619,938	5 032,954	8,118	7,649
19	20	98 932	26 168,947	373 415,592	14,269	13,800	69	70	70 098	560,136	4 413,016	7,878	7,409
20	21	98 875	24 386,113	347 246,644	14,240	13,770	70	71	67 759	504,843	3 852,880	7,632	7,162
21	22	98 818	22 724,393	322 860,532	14,208	13,738	71	72	65 319	453,764	3 348,037	7,378	6,908
22	23	98 761	21 176,122	300 136,139	14,173	13,703	72	73	62 738	406,372	2 894,273	7,122	6,652
23	24	98 704	19 733,130	278 960,017	14,137	13,667	73	74	60 066	362,768	2 487,901	6,858	6,388
24	25	98 646	18 388,436	259 226,887	14,097	13,627	74	75	57 274	322,518	2 125,133	6,589	6,119
25	26	98 582	17 134,210	240 838,451	14,056	13,586	75	76	54 371	285,477	1 802,615	6,314	5,845
26	27	98 521	15 966,051	223 704,241	14,011	13,541	76	77	51 346	251,371	1 517,139	6,035	5,566
27	28	98 457	14 877,079	207 738,190	13,964	13,494	77	78	48 241	220,202	1 265,767	5,748	5,278
28	29	98 389	13 861,864	192 861,111	13,913	13,443	78	79	45 039	191,688	1 045,566	5,455	4,985
29	30	98 319	12 915,649	178 999,247	13,859	13,389	79	80	41 699	165,477	853,877	5,160	4,690
30	31	98 243	12 033,219	166 083,598	13,802	13,332	80	81	38 238	141,487	688,400	4,865	4,396
31	32	98 159	11 210,248	154 050,379	13,742	13,272	81	82	34 646	119,529	546,913	4,576	4,106
32	33	98 070	10 442,941	142 840,131	13,678	13,208	82	83	30 964	99,604	427,384	4,291	3,821
33	34	97 976	9 727,651	132 397,190	13,610	13,140	83	84	27 224	81,655	327,780	4,014	3,544
34	35	97 870	9 060,252	122 669,539	13,539	13,069	84	85	23 474	65,648	246,125	3,749	3,279
35	36	97 755	8 437,909	113 609,287	13,464	12,994	85	86	19 797	51,620	180,477	3,496	3,026
36	37	97 635	7 857,825	105 171,378	13,384	12,914	86	87	16 263	39,540	128,857	3,259	2,789
37	38	97 499	7 316,477	97 313,553	13,301	12,831	87	88	12 971	29,405	89,317	3,038	2,568
38	39	97 348	6 811,309	89 997,076	13,213	12,743	88	89	10 018	21,174	59,913	2,830	2,360
39	40	97 186	6 340,290	83 185,768	13,120	12,650	89	90	7 447	14,676	38,739	2,640	2,170
40	41	97 012	5 901,128	76 845,478	13,022	12,552	90	91	5 302	9,743	24,063	2,470	2,000
41	42	96 821	5 491,380	70 944,350	12,919	12,449	91	92	3 611	6,187	14,320	2,314	1,845
42	43	96 603	5 108,614	65 452,971	12,812	12,342	92	93	2 344	3,745	8,133	2,172	1,702
43	44	96 380	4 752,278	60 344,356	12,698	12,228	93	94	1 438	2,142	4,388	2,049	1,579
44	45	96 135	4 419,778	55 592,078	12,578	12,108	94	95	837	1,162	2,246	1,933	1,463
45	46	95 865	4 109,435	51 172,300	12,452	11,982	95	96	456	0,590	1,084	1,838	1,368
46	47	95 572	3 819,911	47 062,865	12,320	11,851	96	97	233	0,281	0,494	1,759	1,289
47	48	95 251	3 549,723	43 242,954	12,182	11,712	97	98	113	0,127	0,213	1,683	1,213
48	49	94 884	3 297,039	39 693,231	12,039	11,569	98	99	51	0,054	0,087	1,613	1,143
49	50	94 476	3 060,931	36 396,192	11,891	11,421	99	100	22	0,021	0,033	1,544	1,074

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	1 452 882,477	14,574	14,104	50	52	93 830	2 834,488	33 086,638	11,673	11,203
1	3	99 338	92 622,879	1 353 193,841	14,610	14,140	51	53	93 322	2 628,579	30 252,150	11,509	11,039
2	4	99 304	86 332,179	1 260 570,962	14,601	14,132	52	54	92 757	2 436,068	27 623,571	11,339	10,870
3	5	99 282	80 478,087	1 174 238,783	14,591	14,121	53	55	92 132	2 256,084	25 187,503	11,164	10,694
4	6	99 263	75 023,851	1 093 760,696	14,579	14,109	54	56	91 431	2 087,562	22 931,419	10,985	10,515
5	7	99 245	69 939,220	1 018 736,845	14,566	14,096	55	57	90 665	1 930,147	20 843,856	10,799	10,329
6	8	99 231	65 202,362	948 797,625	14,552	14,082	56	58	89 811	1 782,715	18 913,709	10,609	10,140
7	9	99 215	60 784,888	883 595,263	14,536	14,067	57	59	88 870	1 644,784	17 130,994	10,415	9,945
8	10	99 200	56 667,366	822 810,375	14,520	14,050	58	60	87 833	1 515,699	15 486,210	10,217	9,747
9	11	99 187	52 829,744	766 143,009	14,502	14,032	59	61	86 708	1 395,134	13 970,511	10,014	9,544
10	12	99 171	49 250,761	713 313,265	14,483	14,013	60	62	85 474	1 282,317	12 575,377	9,807	9,337
11	13	99 158	45 915,134	664 062,504	14,463	13,993	61	63	84 139	1 176,961	11 293,060	9,595	9,125
12	14	99 143	42 804,971	618 147,370	14,441	13,971	62	64	82 685	1 078,434	10 116,099	9,380	8,910
13	15	99 125	39 904,180	575 342,399	14,418	13,948	63	65	81 108	986,353	9 037,664	9,163	8,693
14	16	99 104	37 198,930	535 438,219	14,394	13,924	64	66	79 415	900,488	8 051,312	8,941	8,471
15	17	99 079	34 675,599	498 239,289	14,369	13,899	65	67	77 607	820,500	7 150,824	8,715	8,245
16	18	99 051	32 322,345	463 563,690	14,342	13,872	66	68	75 701	746,241	6 330,324	8,483	8,013
17	19	99 012	30 125,602	431 241,345	14,315	13,845	67	69	73 670	677,126	5 584,084	8,247	7,777
18	20	98 970	28 077,034	401 115,743	14,286	13,816	68	70	71 502	612,780	4 906,958	8,008	7,538
19	21	98 915	26 164,664	373 038,710	14,257	13,787	69	71	69 218	553,105	4 294,178	7,764	7,294
20	22	98 859	24 381,972	346 874,046	14,227	13,757	70	72	66 823	497,869	3 741,073	7,514	7,044
21	23	98 801	22 720,580	322 492,074	14,194	13,724	71	73	64 342	446,981	3 243,204	7,256	6,786
22	24	98 745	21 172,658	299 771,494	14,158	13,689	72	74	61 688	399,571	2 796,223	6,998	6,528
23	25	98 688	19 729,888	278 598,835	14,121	13,651	73	75	58 974	356,169	2 396,652	6,729	6,259
24	26	98 627	18 384,861	258 868,947	14,081	13,611	74	76	56 121	316,029	2 040,483	6,457	5,987
25	27	98 564	17 131,156	240 484,086	14,038	13,568	75	77	53 167	279,154	1 724,455	6,177	5,708
26	28	98 500	15 962,702	223 352,930	13,992	13,522	76	78	50 117	245,354	1 445,301	5,891	5,421
27	29	98 433	14 873,539	207 390,228	13,944	13,474	77	79	46 928	214,210	1 199,947	5,602	5,132
28	30	98 365	13 858,444	192 516,689	13,892	13,422	78	80	43 651	185,783	985,736	5,306	4,836
29	31	98 291	12 911,997	178 658,246	13,837	13,367	79	81	40 229	159,643	799,954	5,011	4,541
30	32	98 211	12 029,344	165 746,249	13,778	13,309	80	82	36 693	135,768	640,311	4,716	4,246
31	33	98 126	11 206,483	153 716,905	13,717	13,247	81	83	33 018	113,911	504,543	4,429	3,959
32	34	98 036	10 439,283	142 510,422	13,651	13,181	82	84	29 255	94,106	390,632	4,151	3,681
33	35	97 938	9 723,937	132 071,139	13,582	13,112	83	85	25 488	76,447	296,526	3,879	3,409
34	36	97 824	9 056,021	122 347,201	13,510	13,040	84	86	21 744	60,810	220,079	3,619	3,149
35	37	97 709	8 433,885	113 291,180	13,433	12,963	85	87	18 108	47,218	159,269	3,373	2,903
36	38	97 586	7 853,857	104 857,295	13,351	12,881	86	88	14 651	35,621	112,051	3,146	2,676
37	39	97 445	7 312,423	97 003,438	13,266	12,796	87	89	11 502	26,073	76,430	2,931	2,461
38	40	97 285	6 806,877	89 691,015	13,177	12,707	88	90	8 727	18,446	50,356	2,730	2,260
39	41	97 124	6 336,275	82 884,138	13,081	12,611	89	91	6 351	12,517	31,910	2,549	2,079
40	42	96 941	5 896,802	76 547,863	12,981	12,511	90	92	4 422	8,126	19,393	2,387	1,917
41	43	96 743	5 486,949	70 651,060	12,876	12,406	91	93	2 933	5,024	11,267	2,242	1,773
42	44	96 516	5 104,038	65 164,111	12,767	12,297	92	94	1 853	2,960	6,243	2,109	1,639
43	45	96 289	4 747,783	60 060,073	12,650	12,180	93	95	1 108	1,651	3,282	1,989	1,519
44	46	96 032	4 415,024	55 312,290	12,528	12,058	94	96	624	0,867	1,632	1,883	1,413
45	47	95 752	4 104,569	50 897,266	12,400	11,930	95	97	328	0,425	0,765	1,800	1,330
46	48	95 447	3 814,948	46 792,697	12,266	11,796	96	98	164	0,198	0,340	1,716	1,246
47	49	95 106	3 544,338	42 977,750	12,126	11,656	97	99	77	0,086	0,142	1,645	1,175
48	50	94 725	3 291,486	39 433,411	11,980	11,511	98	100	34	0,035	0,056	1,579	1,109
49	51	94 302	3 055,287	36 141,925	11,829	11,359							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	1 452 374,675	14,571	14,101	50	53	93 623	2 828,240	32 817,343	11,603	11,134
1	4	99 328	92 613,644	1 352 699,138	14,606	14,136	51	54	93 091	2 622,064	29 989,103	11,437	10,967
2	5	99 295	86 324,232	1 260 085,494	14,597	14,127	52	55	92 502	2 429,358	27 367,039	11,265	10,795
3	6	99 275	80 472,619	1 173 761,262	14,586	14,116	53	56	91 846	2 249,063	24 937,681	11,088	10,618
4	7	99 256	75 018,373	1 093 288,643	14,574	14,104	54	57	91 122	2 080,503	22 688,618	10,905	10,435
5	8	99 240	69 935,889	1 018 270,270	14,560	14,090	55	58	90 325	1 922,897	20 608,115	10,717	10,247
6	9	99 224	65 197,663	948 334,381	14,546	14,076	56	59	89 436	1 775,275	18 685,218	10,525	10,055
7	10	99 210	60 781,657	883 136,718	14,530	14,060	57	60	88 458	1 637,161	16 909,943	10,329	9,859
8	11	99 194	56 664,216	822 355,061	14,513	14,043	58	61	87 382	1 507,928	15 272,782	10,128	9,658
9	12	99 179	52 825,681	765 690,845	14,495	14,025	59	62	86 223	1 387,341	13 764,853	9,922	9,452
10	13	99 165	49 247,648	712 865,164	14,475	14,005	60	63	84 951	1 274,467	12 377,513	9,712	9,242
11	14	99 150	45 911,505	663 617,516	14,454	13,984	61	64	83 570	1 169,004	11 103,046	9,498	9,028
12	15	99 134	42 801,022	617 706,011	14,432	13,962	62	65	82 072	1 070,445	9 934,042	9,284	8,810
13	16	99 114	39 899,560	574 904,988	14,409	13,939	63	66	80 458	978,448	8 863,597	9,059	8,589
14	17	99 092	37 194,175	535 005,428	14,384	13,914	64	67	78 720	892,601	7 885,149	8,834	8,364
15	18	99 067	34 671,103	497 811,253	14,358	13,888	65	68	76 881	812,822	6 992,547	8,603	8,133
16	19	99 035	32 317,098	463 140,150	14,331	13,861	66	69	74 928	738,626	6 179,726	8,367	7,897
17	20	98 996	30 120,650	430 823,052	14,303	13,833	67	70	72 819	669,308	5 441,100	8,129	7,660
18	21	98 954	28 072,438	400 702,402	14,274	13,804	68	71	70 605	605,088	4 771,792	7,886	7,416
19	22	98 899	26 160,221	372 629,964	14,244	13,774	69	72	68 262	545,464	4 166,704	7,639	7,169
20	23	98 842	24 377,881	346 469,743	14,212	13,743	70	73	65 824	490,427	3 621,240	7,384	6,914
21	24	98 785	22 716,864	322 091,861	14,179	13,709	71	74	63 266	439,500	3 130,813	7,124	6,654
22	25	98 729	21 169,180	299 374,997	14,142	13,672	72	75	60 566	392,302	2 691,313	6,860	6,390
23	26	98 668	19 726,053	278 205,817	14,103	13,634	73	76	57 787	349,003	2 299,011	6,587	6,117
24	27	98 609	18 381,585	258 479,765	14,062	13,592	74	77	54 878	309,029	1 950,008	6,310	5,840
25	28	98 544	17 127,563	240 098,180	14,018	13,548	75	78	51 894	272,471	1 640,979	6,023	5,553
26	29	98 477	15 958,903	222 970,618	13,972	13,502	76	79	48 754	238,679	1 368,508	5,734	5,264
27	30	98 409	14 869,868	207 011,715	13,922	13,452	77	80	45 482	207,611	1 129,829	5,442	4,972
28	31	98 337	13 854,525	192 141,846	13,869	13,399	78	81	42 112	179,232	922,218	5,145	4,675
29	32	98 260	12 907,839	178 287,322	13,812	13,342	79	82	38 603	153,191	742,986	4,850	4,380
30	33	98 178	12 025,303	165 379,482	13,753	13,283	80	83	34 968	129,387	589,796	4,558	4,088
31	34	98 092	11 202,558	153 354,179	13,689	13,219	81	84	31 195	107,623	460,409	4,278	3,808
32	35	97 998	10 435,298	142 151,622	13,622	13,152	82	85	27 389	88,103	352,786	4,004	3,534
33	36	97 893	9 719,397	131 716,324	13,552	13,082	83	86	23 610	70,813	264,682	3,738	3,268
34	37	97 777	9 051,703	121 996,927	13,478	13,008	84	87	19 890	55,624	193,869	3,485	3,015
35	38	97 659	8 429,626	112 945,224	13,399	12,929	85	88	16 314	42,539	138,245	3,250	2,780
36	39	97 532	7 849,506	104 515,598	13,315	12,845	86	89	12 991	31,585	95,706	3,030	2,560
37	40	97 382	7 307,665	96 666,092	13,228	12,758	87	90	10 020	22,715	64,121	2,823	2,353
38	41	97 223	6 802,567	89 358,427	13,136	12,666	88	91	7 443	15,733	41,406	2,632	2,162
39	42	97 053	6 331,631	82 555,860	13,039	12,569	89	92	5 297	10,440	25,673	2,459	1,989
40	43	96 863	5 892,045	76 224,229	12,937	12,467	90	93	3 591	6,599	15,233	2,308	1,839
41	44	96 657	5 482,034	70 332,184	12,830	12,360	91	94	2 318	3,972	8,635	2,174	1,704
42	45	96 425	5 099,211	64 850,150	12,718	12,248	92	95	1 428	2,281	4,662	2,044	1,574
43	46	96 185	4 742,676	59 750,939	12,599	12,129	93	96	826	1,231	2,381	1,935	1,465
44	47	95 918	4 409,796	55 008,263	12,474	12,004	94	97	450	0,625	1,151	1,842	1,372
45	48	95 627	4 099,235	50 598,467	12,343	11,873	95	98	232	0,300	0,526	1,754	1,284
46	49	95 303	3 809,160	46 499,232	12,207	11,737	96	99	112	0,135	0,226	1,675	1,206
47	50	94 946	3 538,369	42 690,072	12,065	11,595	97	100	50	0,057	0,091	1,609	1,139
48	51	94 550	3 285,417	39 151,702	11,917	11,447							
49	52	94 106	3 048,942	35 866,285	11,764	11,294							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	1 451 834,527	14,567	14,097	50	54	93 391	2 821,230	32 525,868	11,529	11,059
1	5	99 319	92 605,119	1 352 168,928	14,601	14,132	51	55	92 834	2 614,842	29 704,638	11,360	10,890
2	6	99 288	86 318,367	1 259 563,809	14,592	14,122	52	56	92 214	2 421,797	27 089,796	11,186	10,716
3	7	99 268	80 466,744	1 173 245,442	14,581	14,111	53	57	91 535	2 241,457	24 667,999	11,005	10,535
4	8	99 251	75 014,800	1 092 778,699	14,568	14,098	54	58	90 780	2 072,688	22 426,541	10,820	10,350
5	9	99 233	69 930,849	1 017 763,898	14,554	14,084	55	59	89 948	1 914,872	20 353,853	10,629	10,159
6	10	99 219	65 194,198	947 833,050	14,539	14,069	56	60	89 022	1 767,048	18 438,981	10,435	9,965
7	11	99 204	60 778,278	882 638,852	14,522	14,052	57	61	88 005	1 628,768	16 671,934	10,236	9,766
8	12	99 187	56 659,858	821 860,574	14,505	14,035	58	62	86 894	1 499,505	15 043,166	10,032	9,562
9	13	99 173	52 822,343	765 200,716	14,486	14,016	59	63	85 695	1 378,847	13 543,661	9,822	9,353
10	14	99 157	49 243,756	712 378,373	14,466	13,996	60	64	84 376	1 265,851	12 164,814	9,610	9,140
11	15	99 141	45 907,269	663 134,617	14,445	13,975	61	65	82 951	1 160,343	10 898,963	9,393	8,923
12	16	99 122	42 796,067	617 227,348	14,423	13,953	62	66	81 415	1 061,866	9 738,619	9,171	8,701
13	17	99 101	39 894,460	574 431,281	14,399	13,929	63	67	79 753	969,879	8 676,753	8,946	8,476
14	18	99 079	37 189,352	534 536,821	14,373	13,903	64	68	77 983	884,248	7 706,874	8,716	8,246
15	19	99 050	34 665,475	497 347,469	14,347	13,877	65	69	76 097	804,528	6 822,625	8,480	8,010
16	20	99 019	32 311,786	462 681,993	14,319	13,849	66	70	74 063	730,098	6 018,098	8,243	7,773
17	21	98 980	30 115,720	430 370,207	14,291	13,821	67	71	71 905	660,907	5 288,000	8,001	7,531
18	22	98 937	28 067,672	400 254,487	14,260	13,790	68	72	69 630	596,729	4 627,094	7,754	7,284
19	23	98 882	26 155,832	372 186,816	14,230	13,760	69	73	67 242	537,311	4 030,364	7,501	7,031
20	24	98 826	24 373,894	346 030,984	14,197	13,727	70	74	64 723	482,219	3 493,053	7,244	6,774
21	25	98 769	22 713,132	321 657,090	14,162	13,692	71	75	62 115	431,505	3 010,834	6,978	6,508
22	26	98 710	21 165,065	298 943,958	14,124	13,655	72	76	59 347	384,409	2 579,330	6,710	6,240
23	27	98 651	19 722,537	277 778,893	14,084	13,614	73	77	56 507	341,273	2 194,921	6,432	5,962
24	28	98 589	18 377,729	258 056,356	14,042	13,572	74	78	53 564	301,631	1 853,648	6,145	5,676
25	29	98 520	17 123,486	239 678,627	13,997	13,527	75	79	50 482	265,058	1 552,017	5,855	5,385
26	30	98 452	15 954,965	222 555,141	13,949	13,479	76	80	47 252	231,325	1 286,959	5,563	5,094
27	31	98 381	14 865,663	206 600,176	13,898	13,428	77	81	43 879	200,290	1 055,634	5,271	4,801
28	32	98 305	13 850,064	191 734,513	13,844	13,374	78	82	40 410	171,988	855,343	4,973	4,503
29	33	98 227	12 903,503	177 884,449	13,786	13,316	79	83	36 788	145,990	683,355	4,681	4,211
30	34	98 144	12 021,092	164 980,946	13,724	13,254	80	84	33 038	122,245	537,365	4,396	3,926
31	35	98 055	11 198,281	152 959,854	13,659	13,189	81	85	29 205	100,758	415,120	4,120	3,650
32	36	97 953	10 430,425	141 761,574	13,591	13,121	82	86	25 370	81,611	314,361	3,852	3,382
33	37	97 846	9 714,762	131 331,149	13,519	13,049	83	87	21 596	64,774	232,751	3,593	3,123
34	38	97 728	9 047,132	121 616,386	13,443	12,973	84	88	17 919	50,112	167,977	3,352	2,882
35	39	97 605	8 424,955	112 569,254	13,361	12,892	85	89	14 466	37,719	117,864	3,125	2,655
36	40	97 468	7 844,398	104 144,299	13,276	12,806	86	90	11 318	27,517	80,145	2,913	2,443
37	41	97 320	7 303,038	96 299,900	13,186	12,716	87	91	8 546	19,373	52,628	2,717	2,247
38	42	97 152	6 797,581	88 996,862	13,092	12,623	88	92	6 208	13,122	33,255	2,534	2,064
39	43	96 975	6 326,523	82 199,281	12,993	12,523	89	93	4 302	8,478	20,133	2,375	1,905
40	44	96 776	5 886,767	75 872,758	12,889	12,419	90	94	2 839	5,217	11,655	2,234	1,764
41	45	96 565	5 476,849	69 985,991	12,779	12,309	91	95	1 786	3,061	6,439	2,104	1,634
42	46	96 321	5 093,726	64 509,142	12,664	12,195	92	96	1 065	1,701	3,378	1,986	1,516
43	47	96 071	4 737,060	59 415,416	12,543	12,073	93	97	596	0,887	1,677	1,890	1,420
44	48	95 793	4 404,066	54 678,356	12,415	11,946	94	98	317	0,440	0,790	1,793	1,323
45	49	95 482	4 093,016	50 274,290	12,283	11,813	95	99	158	0,204	0,349	1,711	1,241
46	50	95 142	3 802,745	46 181,274	12,144	11,674	96	100	73	0,089	0,145	1,637	1,168
47	51	94 771	3 531,845	42 378,529	11,999	11,529							
48	52	94 354	3 278,595	38 846,684	11,849	11,379							
49	53	93 898	3 042,221	35 568,089	11,691	11,222							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	1 451 255,930	14,563	14,093	50	55	93 133	2 813,459	32 211,070	11,449	10,979
1	6	99 312	92 598,827	1 351 599,505	14,596	14,126	51	56	92 545	2 606,704	29 397,611	11,278	10,808
2	7	99 281	86 312,064	1 259 000,678	14,587	14,117	52	57	91 902	2 413,608	26 790,907	11,100	10,630
3	8	99 263	80 462,911	1 172 688,614	14,574	14,104	53	58	91 191	2 233,038	24 377,299	10,917	10,447
4	9	99 244	75 009,394	1 092 225,703	14,561	14,091	54	59	90 401	2 064,037	22 144,262	10,729	10,259
5	10	99 228	69 927,132	1 017 216,309	14,547	14,077	55	60	89 531	1 905,997	20 080,224	10,535	10,065
6	11	99 213	65 190,573	947 289,177	14,531	14,061	56	61	88 566	1 757,988	18 174,227	10,338	9,868
7	12	99 196	60 773,604	882 098,604	14,515	14,045	57	62	87 513	1 619,669	16 416,238	10,136	9,666
8	13	99 181	56 656,277	821 325,000	14,497	14,027	58	63	86 362	1 490,325	14 796,569	9,928	9,459
9	14	99 165	52 818,168	764 668,723	14,477	14,007	59	64	85 116	1 369,526	13 306,244	9,716	9,246
10	15	99 148	49 239,213	711 850,555	14,457	13,987	60	65	83 751	1 256,473	11 936,718	9,500	9,030
11	16	99 129	45 901,954	662 611,342	14,435	13,965	61	66	82 286	1 151,045	10 680,245	9,279	8,809
12	17	99 110	42 790,596	616 709,388	14,412	13,942	62	67	80 702	1 052,567	9 529,201	9,053	8,583
13	18	99 088	39 889,287	573 918,791	14,388	13,918	63	68	79 007	960,803	8 476,634	8,822	8,353
14	19	99 063	37 183,316	534 029,504	14,362	13,892	64	69	77 188	875,226	7 515,831	8,587	8,117
15	20	99 034	34 659,777	496 846,188	14,335	13,865	65	70	75 218	795,238	6 640,605	8,350	7,881
16	21	99 003	32 306,497	462 186,411	14,306	13,836	66	71	73 134	720,934	5 845,367	8,108	7,638
17	22	98 963	30 110,606	429 879,914	14,277	13,807	67	72	70 912	651,777	5 124,433	7,862	7,392
18	23	98 920	28 062,962	399 769,307	14,245	13,776	68	73	68 589	587,810	4 472,657	7,609	7,139
19	24	98 866	26 151,554	371 706,345	14,214	13,744	69	74	66 116	528,318	3 884,847	7,353	6,883
20	25	98 810	24 369,890	345 554,791	14,180	13,710	70	75	63 545	473,446	3 356,529	7,090	6,620
21	26	98 750	22 708,716	321 184,901	14,144	13,674	71	76	60 865	422,823	2 883,082	6,819	6,349
22	27	98 692	21 161,292	298 476,184	14,105	13,635	72	77	58 033	375,895	2 460,259	6,545	6,075
23	28	98 630	19 718,400	277 314,892	14,064	13,594	73	78	55 155	333,103	2 084,365	6,257	5,788
24	29	98 565	18 373,355	257 596,492	14,020	13,550	74	79	52 107	293,425	1 751,262	5,968	5,498
25	30	98 496	17 119,261	239 223,137	13,974	13,504	75	80	48 927	256,892	1 457,837	5,675	5,205
26	31	98 424	15 950,453	222 103,876	13,925	13,455	76	81	45 586	223,168	1 200,945	5,381	4,911
27	32	98 349	14 860,877	206 153,423	13,872	13,402	77	82	42 105	192,195	977,777	5,087	4,618
28	33	98 272	13 845,411	191 292,546	13,816	13,346	78	83	38 511	163,904	785,581	4,793	4,323
29	34	98 192	12 898,984	177 447,135	13,757	13,287	79	84	34 758	137,932	621,677	4,507	4,037
30	35	98 106	12 016,502	164 548,151	13,694	13,224	80	85	30 931	114,448	483,745	4,227	3,757
31	36	98 009	11 193,052	152 531,649	13,627	13,157	81	86	27 053	93,333	369,297	3,957	3,487
32	37	97 906	10 425,451	141 338,597	13,557	13,087	82	87	23 207	74,651	275,964	3,697	3,227
33	38	97 797	9 709,857	130 913,146	13,483	13,013	83	88	19 456	58,355	201,313	3,450	2,980
34	39	97 674	9 042,119	121 203,289	13,404	12,934	84	89	15 889	44,434	142,958	3,217	2,747
35	40	97 542	8 419,474	112 161,170	13,322	12,852	85	90	12 602	32,861	98,523	2,998	2,528
36	41	97 406	7 839,432	103 741,696	13,233	12,763	86	91	9 653	23,469	65,663	2,798	2,328
37	42	97 249	7 297,686	95 902,264	13,141	12,672	87	92	7 128	16,158	42,194	2,611	2,141
38	43	97 074	6 792,097	88 604,579	13,045	12,575	88	93	5 041	10,656	26,035	2,443	1,973
39	44	96 888	6 320,856	81 812,482	12,943	12,473	89	94	3 401	6,702	15,380	2,295	1,825
40	45	96 685	5 881,199	75 491,626	12,836	12,366	90	95	2 188	4,020	8,678	2,159	1,689
41	46	96 461	5 470,958	69 610,427	12,724	12,254	91	96	1 332	2,282	4,658	2,041	1,571
42	47	96 207	5 087,694	64 139,469	12,607	12,137	92	97	767	1,226	2,375	1,938	1,468
43	48	95 946	4 730,905	59 051,775	12,482	12,012	93	98	420	0,626	1,150	1,837	1,368
44	49	95 648	4 397,384	54 320,870	12,353	11,883	94	99	216	0,300	0,524	1,747	1,277
45	50	95 321	4 086,123	49 923,486	12,218	11,748	95	100	104	0,134	0,224	1,670	1,200
46	51	94 967	3 795,733	45 837,363	12,076	11,606							
47	52	94 574	3 524,511	42 041,629	11,928	11,458							
48	53	94 146	3 271,368	38 517,118	11,774	11,304							
49	54	93 666	3 034,681	35 245,751	11,614	11,144							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	1 450 634,950	14,557	14,087	50	56	92 844	2 804,703	31 871,757	11,364	10,894
1	7	99 305	92 592,066	1 350 985,296	14,591	14,121	51	57	92 232	2 597,889	29 067,055	11,189	10,719
2	8	99 276	86 307,953	1 258 393,230	14,580	14,110	52	58	91 557	2 404,541	26 469,166	11,008	10,538
3	9	99 256	80 457,112	1 172 085,277	14,568	14,098	53	59	90 811	2 223,718	24 064,624	10,822	10,352
4	10	99 239	75 005,407	1 091 628,165	14,554	14,084	54	60	89 982	2 054,472	21 840,906	10,631	10,161
5	11	99 222	69 923,244	1 016 622,758	14,539	14,069	55	61	89 072	1 896,226	19 786,435	10,435	9,965
6	12	99 205	65 185,560	946 699,513	14,523	14,053	56	62	88 071	1 748,168	17 890,209	10,234	9,764
7	13	99 190	60 769,763	881 513,953	14,506	14,036	57	63	86 977	1 609,754	16 142,041	10,028	9,558
8	14	99 173	56 651,799	820 744,190	14,488	14,018	58	64	85 779	1 480,250	14 532,287	9,817	9,348
9	15	99 156	52 813,295	764 092,391	14,468	13,998	59	65	84 485	1 359,380	13 052,037	9,601	9,132
10	16	99 137	49 233,512	711 279,096	14,447	13,977	60	66	83 080	1 246,404	11 692,658	9,381	8,911
11	17	99 117	45 896,086	662 045,583	14,425	13,955	61	67	81 566	1 140,964	10 446,254	9,156	8,686
12	18	99 097	42 785,048	616 149,497	14,401	13,931	62	68	79 946	1 042,717	9 305,290	8,924	8,454
13	19	99 072	39 882,812	573 364,449	14,376	13,906	63	69	78 201	950,999	8 262,573	8,688	8,218
14	20	99 046	37 177,204	533 481,636	14,350	13,880	64	70	76 296	865,120	7 311,574	8,452	7,982
15	21	99 018	34 654,104	496 304,432	14,322	13,852	65	71	74 274	785,257	6 446,454	8,209	7,739
16	22	98 986	32 301,012	461 650,328	14,292	13,822	66	72	72 123	710,974	5 661,197	7,963	7,493
17	23	98 947	30 105,555	429 349,316	14,261	13,792	67	73	69 852	642,034	4 950,223	7,710	7,240
18	24	98 904	28 058,373	399 243,762	14,229	13,759	68	74	67 441	577,972	4 308,189	7,454	6,984
19	25	98 850	26 147,258	371 185,389	14,196	13,726	69	75	64 914	518,707	3 730,217	7,191	6,721
20	26	98 790	24 365,152	345 038,131	14,161	13,691	70	76	62 267	463,921	3 211,510	6,923	6,453
21	27	98 732	22 704,669	320 672,979	14,124	13,654	71	77	59 517	413,458	2 747,589	6,645	6,175
22	28	98 671	21 156,854	297 968,310	14,084	13,614	72	78	56 643	366,896	2 334,131	6,362	5,892
23	29	98 607	19 713,707	276 811,456	14,042	13,572	73	79	53 654	324,040	1 967,235	6,071	5,601
24	30	98 541	18 368,821	257 097,749	13,996	13,527	74	80	50 502	284,385	1 643,195	5,778	5,308
25	31	98 468	17 114,420	238 728,928	13,949	13,479	75	81	47 202	247,834	1 358,810	5,483	5,013
26	32	98 393	15 945,317	221 614,508	13,898	13,429	76	82	43 743	214,149	1 110,976	5,188	4,718
27	33	98 316	14 855,885	205 669,191	13,844	13,374	77	83	40 126	183,162	896,827	4,896	4,426
28	34	98 238	13 840,562	190 813,306	13,787	13,317	78	84	36 385	154,857	713,666	4,609	4,139
29	35	98 155	12 894,059	176 972,744	13,725	13,255	79	85	32 541	129,134	558,808	4,327	3,857
30	36	98 061	12 010,891	164 078,685	13,661	13,191	80	86	28 651	106,014	429,674	4,053	3,583
31	37	97 962	11 187,714	152 067,794	13,592	13,122	81	87	24 746	85,374	323,661	3,791	3,321
32	38	97 856	10 420,187	140 880,079	13,520	13,050	82	88	20 907	67,254	238,287	3,543	3,073
33	39	97 742	9 704,477	130 459,892	13,443	12,973	83	89	17 252	51,743	171,034	3,305	2,836
34	40	97 610	9 036,236	120 755,416	13,363	12,894	84	90	13 842	38,711	119,290	3,082	2,612
35	41	97 480	8 414,143	111 719,180	13,278	12,808	85	91	10 748	28,026	80,579	2,875	2,405
36	42	97 335	7 833,686	103 305,037	13,187	12,717	86	92	8 051	19,575	52,553	2,685	2,215
37	43	97 171	7 291,798	95 471,351	13,093	12,623	87	93	5 788	13,122	32,978	2,513	2,043
38	44	96 987	6 786,013	88 179,553	12,994	12,524	88	94	3 985	8,424	19,857	2,357	1,887
39	45	96 797	6 314,877	81 393,540	12,889	12,419	89	95	2 620	5,164	11,433	2,214	1,744
40	46	96 581	5 874,873	75 078,663	12,780	12,310	90	96	1 631	2,998	6,269	2,091	1,621
41	47	96 347	5 464,479	69 203,790	12,664	12,194	91	97	960	1,645	3,271	1,989	1,519
42	48	96 082	5 081,083	63 739,310	12,544	12,075	92	98	541	0,865	1,626	1,881	1,411
43	49	95 801	4 723,727	58 658,227	12,418	11,948	93	99	286	0,426	0,762	1,788	1,318
44	50	95 487	4 389,979	53 934,500	12,286	11,816	94	100	142	0,197	0,336	1,703	1,233
45	51	95 146	4 078,589	49 544,521	12,147	11,678							
46	52	94 770	3 787,851	45 465,932	12,003	11,533							
47	53	94 366	3 516,741	41 678,081	11,851	11,381							
48	54	93 912	3 263,259	38 161,339	11,694	11,224							
49	55	93 408	3 026,323	34 898,080	11,532	11,062							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	1 449 965,631	14,552	14,082	50	57	92 530	2 795,218	31 506,931	11,272	10,802
1	8	99 300	92 587,656	1 350 323,254	14,584	14,114	51	58	91 886	2 588,131	28 711,712	11,094	10,624
2	9	99 269	86 301,733	1 257 735,598	14,574	14,104	52	59	91 175	2 394,506	26 123,582	10,910	10,440
3	10	99 251	80 452,836	1 171 433,865	14,561	14,091	53	60	90 390	2 213,412	23 729,076	10,721	10,251
4	11	99 233	75 001,237	1 090 981,029	14,546	14,076	54	61	89 520	2 043,939	21 515,664	10,527	10,057
5	12	99 214	69 917,867	1 015 979,792	14,531	14,061	55	62	88 575	1 885,633	19 471,725	10,326	9,856
6	13	99 199	65 181,440	946 061,924	14,514	14,044	56	63	87 532	1 737,466	17 586,092	10,122	9,652
7	14	99 182	60 764,960	880 880,484	14,497	14,027	57	64	86 389	1 598,872	15 848,626	9,912	9,442
8	15	99 164	56 646,573	820 115,524	14,478	14,008	58	65	85 143	1 469,283	14 249,754	9,698	9,229
9	16	99 145	52 807,181	763 468,951	14,458	13,988	59	66	83 808	1 348,486	12 780,471	9,478	9,008
10	17	99 124	49 227,218	710 661,770	14,436	13,966	60	67	82 352	1 235,488	11 431,985	9,253	8,783
11	18	99 104	45 890,136	661 434,552	14,413	13,944	61	68	80 802	1 130,287	10 196,497	9,021	8,551
12	19	99 081	42 778,103	615 544,416	14,389	13,919	62	69	79 131	1 032,077	9 066,210	8,784	8,315
13	20	99 056	39 876,257	572 766,313	14,364	13,894	63	70	77 298	940,019	8 034,133	8,547	8,077
14	21	99 030	37 171,119	532 890,056	14,336	13,866	64	71	75 339	854,261	7 094,114	8,304	7,834
15	22	99 001	34 648,220	495 718,937	14,307	13,837	65	72	73 248	774,409	6 239,853	8,058	7,588
16	23	98 969	32 295,592	461 070,717	14,277	13,807	66	73	71 045	700,347	5 465,444	7,804	7,334
17	24	98 930	30 100,631	428 775,124	14,245	13,775	67	74	68 683	631,289	4 765,098	7,548	7,078
18	25	98 888	28 053,763	398 674,494	14,211	13,741	68	75	66 214	567,457	4 133,809	7,285	6,815
19	26	98 830	26 142,175	370 620,730	14,177	13,707	69	76	63 608	508,271	3 566,352	7,017	6,547
20	27	98 773	24 360,809	344 478,556	14,141	13,671	70	77	60 887	453,645	3 058,081	6,741	6,271
21	28	98 711	22 699,907	320 117,746	14,102	13,632	71	78	58 092	403,560	2 604,435	6,454	5,984
22	29	98 648	21 151,818	297 417,840	14,061	13,591	72	79	55 102	356,914	2 200,875	6,166	5,697
23	30	98 582	19 708,843	276 266,021	14,017	13,547	73	80	52 001	314,057	1 843,961	5,871	5,402
24	31	98 513	18 363,627	256 557,179	13,971	13,501	74	81	48 721	274,357	1 529,904	5,576	5,106
25	32	98 436	17 108,909	238 193,552	13,922	13,452	75	82	45 294	237,817	1 255,547	5,279	4,810
26	33	98 360	15 939,961	221 084,643	13,870	13,400	76	83	41 687	204,083	1 017,730	4,987	4,517
27	34	98 282	14 850,682	205 144,682	13,814	13,344	77	84	37 911	173,052	813,646	4,702	4,232
28	35	98 200	13 835,809	190 294,000	13,754	13,284	78	85	34 064	144,979	640,594	4,419	3,949
29	36	98 109	12 888,039	176 458,722	13,692	13,222	79	86	30 143	119,617	495,615	4,143	3,673
30	37	98 014	12 005,163	163 570,684	13,625	13,155	80	87	26 208	96,973	375,998	3,877	3,407
31	38	97 913	11 182,065	151 565,520	13,554	13,084	81	88	22 294	76,914	279,025	3,628	3,158
32	39	97 802	10 414,413	140 383,455	13,480	13,010	82	89	18 538	59,633	202,111	3,389	2,919
33	40	97 679	9 698,162	129 969,042	13,401	12,932	83	90	15 030	45,079	142,478	3,161	2,691
34	41	97 549	9 030,515	120 270,879	13,318	12,848	84	91	11 806	33,016	97,399	2,950	2,480
35	42	97 409	8 407,976	111 240,364	13,230	12,760	85	92	8 965	23,376	64,383	2,754	2,284
36	43	97 256	7 827,365	102 832,388	13,138	12,668	86	93	6 538	15,896	41,007	2,580	2,110
37	44	97 084	7 285,266	95 005,023	13,041	12,571	87	94	4 576	10,373	25,112	2,421	1,951
38	45	96 895	6 779,594	87 719,757	12,939	12,469	88	95	3 071	6,491	14,739	2,271	1,801
39	46	96 692	6 308,085	80 940,162	12,831	12,361	89	96	1 954	3,851	8,248	2,142	1,672
40	47	96 466	5 867,916	74 632,077	12,719	12,249	90	97	1 176	2,160	4,396	2,035	1,565
41	48	96 222	5 457,379	68 764,161	12,600	12,130	91	98	677	1,160	2,236	1,927	1,457
42	49	95 936	5 073,374	63 306,782	12,478	12,008	92	99	369	0,589	1,076	1,827	1,357
43	50	95 639	4 715,772	58 233,408	12,349	11,879	93	100	188	0,280	0,487	1,741	1,271
44	51	95 311	4 381,884	53 517,636	12,213	11,743							
45	52	94 948	4 070,120	49 135,751	12,072	11,602							
46	53	94 561	3 779,501	45 065,632	11,924	11,454							
47	54	94 132	3 508,025	41 286,130	11,769	11,299							
48	55	93 654	3 254,271	37 778,105	11,609	11,139							
49	56	93 117	3 016,903	34 523,834	11,443	10,974							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	1 449 244,751	14,545	14,075	50	58	92 182	2 784,719	31 115,276	11,174	10,704
1	9	99 293	92 580,983	1 349 607,119	14,578	14,108	51	59	91 502	2 577,329	28 330,557	10,992	10,522
2	10	99 264	86 297,146	1 257 026,136	14,566	14,096	52	60	90 752	2 383,409	25 753,228	10,805	10,335
3	11	99 245	80 448,363	1 170 728,990	14,553	14,083	53	61	89 926	2 202,064	23 369,819	10,613	10,143
4	12	99 226	74 995,469	1 090 280,627	14,538	14,068	54	62	89 020	2 032,521	21 167,755	10,415	9,945
5	13	99 208	69 913,448	1 015 285,157	14,522	14,052	55	63	88 032	1 874,089	19 135,234	10,210	9,741
6	14	99 191	65 176,288	945 371,709	14,505	14,035	56	64	86 940	1 725,720	17 261,145	10,002	9,532
7	15	99 173	60 759,354	880 195,420	14,487	14,017	57	65	85 749	1 587,026	15 535,424	9,789	9,319
8	16	99 152	56 640,015	819 436,066	14,467	13,998	58	66	84 461	1 457,509	13 948,399	9,570	9,100
9	17	99 132	52 800,430	762 796,051	14,447	13,977	59	67	83 074	1 336,676	12 490,890	9,345	8,875
10	18	99 111	49 220,836	709 995,621	14,425	13,955	60	68	81 582	1 223,926	11 154,214	9,113	8,644
11	19	99 088	45 882,687	660 774,785	14,401	13,931	61	69	79 978	1 118,754	9 930,287	8,876	8,406
12	20	99 064	42 771,072	614 892,098	14,376	13,906	62	70	78 217	1 020,160	8 811,534	8,637	8,168
13	21	99 039	39 869,730	572 121,026	14,350	13,880	63	71	76 327	928,220	7 791,373	8,394	7,924
14	22	99 013	37 164,807	532 251,296	14,321	13,851	64	72	74 298	842,460	6 863,153	8,147	7,677
15	23	98 985	34 642,407	495 086,489	14,291	13,821	65	73	72 153	762,833	6 020,693	7,893	7,423
16	24	98 953	32 290,310	460 444,082	14,260	13,790	66	74	69 856	688,626	5 257,860	7,635	7,165
17	25	98 914	30 095,686	428 153,772	14,226	13,757	67	75	67 433	619,804	4 569,235	7,372	6,902
18	26	98 869	28 048,309	398 058,086	14,192	13,722	68	76	64 882	556,040	3 949,431	7,103	6,633
19	27	98 813	26 137,515	370 009,776	14,156	13,686	69	77	62 199	497,013	3 393,390	6,828	6,358
20	28	98 752	24 355,700	343 872,261	14,119	13,649	70	78	59 430	442,786	2 896,377	6,541	6,071
21	29	98 688	22 694,504	319 516,561	14,079	13,609	71	79	56 512	392,580	2 453,591	6,250	5,780
22	30	98 624	21 146,599	296 822,057	14,036	13,566	72	80	53 405	345,918	2 061,011	5,958	5,488
23	31	98 554	19 703,269	275 675,458	13,991	13,521	73	81	50 167	302,983	1 715,093	5,661	5,191
24	32	98 481	18 357,714	255 972,189	13,944	13,474	74	82	46 752	263,269	1 412,110	5,364	4,894
25	33	98 403	17 103,162	237 614,475	13,893	13,423	75	83	43 165	226,639	1 148,841	5,069	4,599
26	34	98 325	15 934,378	220 511,313	13,839	13,369	76	84	39 386	192,819	922,202	4,783	4,313
27	35	98 244	14 845,012	204 576,935	13,781	13,311	77	85	35 493	162,013	729,383	4,502	4,032
28	36	98 154	13 828,818	189 731,923	13,720	13,250	78	86	31 554	134,295	567,370	4,225	3,755
29	37	98 062	12 881,893	175 903,106	13,655	13,185	79	87	27 572	109,417	433,074	3,958	3,488
30	38	97 964	11 999,102	163 021,213	13,586	13,116	80	88	23 611	87,363	323,658	3,705	3,235
31	39	97 858	11 175,869	151 022,111	13,513	13,043	81	89	19 768	68,199	236,294	3,465	2,995
32	40	97 739	10 407,637	139 846,242	13,437	12,967	82	90	16 150	51,952	168,095	3,236	2,766
33	41	97 617	9 692,022	129 438,605	13,355	12,885	83	91	12 818	38,447	116,143	3,021	2,551
34	42	97 477	9 023,896	119 746,582	13,270	12,800	84	92	9 847	27,538	77,696	2,821	2,352
35	43	97 330	8 401,192	110 722,686	13,179	12,710	85	93	7 280	18,983	50,159	2,642	2,172
36	44	97 169	7 820,354	102 321,494	13,084	12,614	86	94	5 169	12,566	31,176	2,481	2,011
37	45	96 992	7 278,376	94 501,140	12,984	12,514	87	95	3 526	7,993	18,610	2,328	1,858
38	46	96 791	6 772,302	87 222,764	12,879	12,409	88	96	2 290	4,841	10,617	2,193	1,723
39	47	96 578	6 300,615	80 450,462	12,769	12,299	89	97	1 408	2,775	5,776	2,081	1,611
40	48	96 341	5 860,291	74 149,848	12,653	12,183	90	98	829	1,524	3,001	1,970	1,500
41	49	96 076	5 449,099	68 289,556	12,532	12,062	91	99	461	0,790	1,477	1,870	1,400
42	50	95 775	5 064,831	62 840,457	12,407	11,937	92	100	242	0,387	0,687	1,777	1,308
43	51	95 463	4 707,077	57 775,626	12,274	11,804							
44	52	95 113	4 372,785	53 068,549	12,136	11,666							
45	53	94 739	4 061,147	48 695,764	11,991	11,521							
46	54	94 326	3 770,134	44 634,617	11,839	11,369							
47	55	93 872	3 498,363	40 864,483	11,681	11,211							
48	56	93 362	3 244,143	37 366,120	11,518	11,048							
49	57	92 802	3 006,702	34 121,977	11,349	10,879							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	1 448 465,613	14,538	14,068	50	59	91 797	2 773,096	30 695,728	11,069	10,599
1	10	99 288	92 576,062	1 348 835,162	14,570	14,100	51	60	91 078	2 565,384	27 922,632	10,884	10,414
2	11	99 258	86 292,348	1 256 259,099	14,558	14,088	52	61	90 287	2 371,189	25 357,248	10,694	10,224
3	12	99 237	80 442,177	1 169 966,751	14,544	14,074	53	62	89 424	2 189,763	22 986,058	10,497	10,027
4	13	99 219	74 990,730	1 089 524,574	14,529	14,059	54	63	88 475	2 020,078	20 796,295	10,295	9,825
5	14	99 200	69 907,923	1 014 533,844	14,512	14,043	55	64	87 437	1 861,420	18 776,217	10,087	9,617
6	15	99 182	65 170,276	944 625,922	14,495	14,025	56	65	86 296	1 712,935	16 914,797	9,875	9,405
7	16	99 162	60 752,320	879 455,646	14,476	14,006	57	66	85 062	1 574,308	15 201,862	9,656	9,186
8	17	99 139	56 632,774	818 703,326	14,456	13,986	58	67	83 721	1 444,744	13 627,554	9,433	8,963
9	18	99 119	52 793,584	762 070,552	14,435	13,965	59	68	82 297	1 324,168	12 182,810	9,200	8,730
10	19	99 095	49 212,846	709 276,967	14,412	13,943	60	69	80 749	1 211,438	10 858,642	8,963	8,494
11	20	99 071	45 875,145	660 064,121	14,388	13,918	61	70	79 054	1 105,836	9 647,205	8,724	8,254
12	21	99 048	42 764,071	614 188,976	14,362	13,892	62	71	77 235	1 007,356	8 541,369	8,479	8,009
13	22	99 023	39 862,960	571 424,904	14,335	13,865	63	72	75 273	915,397	7 534,013	8,230	7,760
14	23	98 997	37 158,572	531 561,944	14,305	13,835	64	73	73 187	829,867	6 618,616	7,976	7,506
15	24	98 968	34 636,741	494 403,372	14,274	13,804	65	74	70 945	750,066	5 788,749	7,718	7,248
16	25	98 937	32 285,006	459 766,631	14,241	13,771	66	75	68 585	676,098	5 038,683	7,453	6,983
17	26	98 895	30 089,835	427 481,626	14,207	13,737	67	76	66 076	607,334	4 362,585	7,183	6,713
18	27	98 851	28 043,310	397 391,791	14,171	13,701	68	77	63 445	543,725	3 755,251	6,907	6,437
19	28	98 792	26 132,033	369 348,481	14,134	13,664	69	78	60 710	485,115	3 211,526	6,620	6,150
20	29	98 729	24 349,903	343 216,448	14,095	13,625	70	79	57 813	430,739	2 726,411	6,330	5,860
21	30	98 664	22 688,904	318 866,544	14,054	13,584	71	80	54 770	380,486	2 295,672	6,034	5,564
22	31	98 596	21 140,619	296 177,640	14,010	13,540	72	81	51 522	333,720	1 915,187	5,739	5,269
23	32	98 523	19 696,925	275 037,021	13,963	13,494	73	82	48 140	290,738	1 581,466	5,439	4,970
24	33	98 448	18 351,547	255 340,097	13,914	13,444	74	83	44 554	250,895	1 290,728	5,145	4,675
25	34	98 369	17 097,172	236 988,549	13,861	13,391	75	84	40 783	214,130	1 039,834	4,856	4,386
26	35	98 288	15 928,294	219 891,377	13,805	13,335	76	85	36 874	180,519	825,704	4,574	4,104
27	36	98 198	14 838,080	203 963,083	13,746	13,276	77	86	32 877	150,074	645,185	4,299	3,829
28	37	98 108	13 822,223	189 125,003	13,683	13,213	78	87	28 863	122,843	495,111	4,030	3,561
29	38	98 013	12 875,388	175 302,780	13,615	13,145	79	88	24 840	98,574	372,268	3,777	3,307
30	39	97 910	11 992,453	162 427,391	13,544	13,074	80	89	20 936	77,465	273,694	3,533	3,063
31	40	97 795	11 168,598	150 434,938	13,469	13,000	81	90	17 222	59,414	196,229	3,303	2,833
32	41	97 677	10 401,048	139 266,341	13,390	12,920	82	91	13 774	44,309	136,815	3,088	2,618
33	42	97 545	9 684,919	128 865,293	13,306	12,836	83	92	10 692	32,067	92,505	2,885	2,415
34	43	97 398	9 016,615	119 180,374	13,218	12,748	84	93	7 996	22,362	60,438	2,703	2,233
35	44	97 243	8 393,667	110 163,759	13,125	12,655	85	94	5 755	15,007	38,076	2,537	2,067
36	45	97 077	7 812,958	101 770,092	13,026	12,556	86	95	3 983	9,683	23,070	2,383	1,913
37	46	96 887	7 270,547	93 957,134	12,923	12,453	87	96	2 629	5,961	13,387	2,246	1,776
38	47	96 676	6 764,282	86 686,588	12,815	12,345	88	97	1 650	3,489	7,426	2,129	1,659
39	48	96 452	6 292,428	79 922,306	12,701	12,231	89	98	993	1,957	3,937	2,012	1,542
40	49	96 195	5 851,401	73 629,878	12,583	12,113	90	99	565	1,038	1,980	1,908	1,438
41	50	95 914	5 439,923	67 778,477	12,459	11,990	91	100	303	0,519	0,942	1,817	1,347
42	51	95 598	5 055,492	62 338,554	12,331	11,861							
43	52	95 265	4 697,303	57 283,063	12,195	11,725							
44	53	94 903	4 363,146	52 585,760	12,052	11,582							
45	54	94 504	4 051,082	48 222,614	11,904	11,434							
46	55	94 066	3 759,750	44 171,533	11,749	11,279							
47	56	93 580	3 487,475	40 411,783	11,588	11,118							
48	57	93 046	3 233,173	36 924,308	11,420	10,951							
49	58	92 454	2 995,408	33 691,136	11,248	10,778							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	1 447 626,406	14,531	14,061	50	60	91 372	2 760,245	30 247,296	10,958	10,488
1	11	99 282	92 570,916	1 348 001,250	14,562	14,092	51	61	90 611	2 552,232	27 487,052	10,770	10,300
2	12	99 251	86 285,712	1 255 430,335	14,550	14,080	52	62	89 783	2 357,943	24 934,820	10,575	10,105
3	13	99 231	80 437,093	1 169 144,622	14,535	14,065	53	63	88 877	2 176,358	22 576,876	10,374	9,904
4	14	99 212	74 984,803	1 088 707,530	14,519	14,049	54	64	87 877	2 006,422	20 400,518	10,168	9,698
5	15	99 191	69 901,474	1 013 722,727	14,502	14,032	55	65	86 789	1 847,629	18 394,096	9,956	9,486
6	16	99 171	65 162,731	943 821,253	14,484	14,014	56	66	85 604	1 699,208	16 546,467	9,738	9,268
7	17	99 149	60 744,554	878 658,522	14,465	13,995	57	67	84 317	1 560,520	14 847,259	9,514	9,044
8	18	99 127	56 625,432	817 913,969	14,444	13,974	58	68	82 938	1 431,224	13 286,739	9,283	8,814
9	19	99 103	52 785,015	761 288,537	14,422	13,953	59	69	81 457	1 310,656	11 855,514	9,045	8,576
10	20	99 079	49 204,757	708 503,522	14,399	13,929	60	70	79 817	1 197,450	10 544,859	8,806	8,336
11	21	99 055	45 867,636	659 298,765	14,374	13,904	61	71	78 062	1 091,956	9 347,409	8,560	8,090
12	22	99 031	42 756,810	613 431,128	14,347	13,877	62	72	76 168	993,440	8 255,453	8,310	7,840
13	23	99 006	39 856,272	570 674,318	14,318	13,848	63	73	74 148	901,714	7 262,013	8,054	7,584
14	24	98 981	37 152,494	530 818,046	14,288	13,818	64	74	71 962	815,978	6 360,299	7,795	7,325
15	25	98 952	34 631,051	493 665,552	14,255	13,785	65	75	69 655	736,421	5 544,321	7,529	7,059
16	26	98 918	32 278,729	459 034,501	14,221	13,751	66	76	67 205	662,495	4 807,900	7,257	6,787
17	27	98 877	30 084,472	426 755,772	14,185	13,715	67	77	64 613	593,882	4 145,405	6,980	6,510
18	28	98 830	28 037,428	396 671,300	14,148	13,678	68	78	61 926	530,709	3 551,523	6,692	6,222
19	29	98 769	26 125,814	368 633,872	14,110	13,640	69	79	59 058	471,917	3 020,815	6,401	5,931
20	30	98 704	24 343,895	342 508,058	14,070	13,600	70	80	56 032	417,468	2 548,898	6,106	5,636
21	31	98 636	22 682,488	318 164,164	14,027	13,557	71	81	52 839	367,069	2 131,430	5,807	5,337
22	32	98 564	21 133,812	295 481,676	13,981	13,512	72	82	49 439	320,233	1 764,361	5,510	5,040
23	33	98 490	19 690,308	274 347,864	13,933	13,463	73	83	45 877	277,072	1 444,127	5,212	4,742
24	34	98 414	18 345,120	254 657,556	13,881	13,412	74	84	42 095	237,046	1 167,055	4,923	4,453
25	35	98 331	17 090,644	236 312,436	13,827	13,357	75	85	38 181	200,471	930,009	4,639	4,169
26	36	98 242	15 920,857	219 221,791	13,769	13,300	76	86	34 156	167,216	729,538	4,363	3,893
27	37	98 152	14 831,005	203 300,935	13,708	13,238	77	87	30 074	137,276	562,322	4,096	3,626
28	38	98 058	13 815,244	188 469,930	13,642	13,172	78	88	26 003	110,670	425,046	3,841	3,371
29	39	97 958	12 868,254	174 654,686	13,573	13,103	79	89	22 025	87,405	314,376	3,597	3,127
30	40	97 846	11 984,650	161 786,432	13,499	13,030	80	90	18 239	67,487	226,971	3,363	2,893
31	41	97 733	11 161,526	149 801,782	13,421	12,951	81	91	14 688	50,674	159,484	3,147	2,677
32	42	97 605	10 393,424	138 640,255	13,339	12,869	82	92	11 489	36,957	108,810	2,944	2,474
33	43	97 467	9 677,104	128 246,831	13,253	12,783	83	93	8 682	26,040	71,853	2,759	2,289
34	44	97 311	9 008,539	118 569,727	13,162	12,692	84	94	6 321	17,678	45,813	2,592	2,122
35	45	97 151	8 385,728	109 561,188	13,065	12,595	85	95	4 435	11,563	28,135	2,433	1,963
36	46	96 973	7 804,553	101 175,460	12,964	12,494	86	96	2 970	7,221	16,572	2,295	1,825
37	47	96 773	7 261,937	93 370,906	12,858	12,388	87	97	1 895	4,296	9,351	2,177	1,707
38	48	96 550	6 755,493	86 108,969	12,747	12,277	88	98	1 164	2,460	5,055	2,055	1,585
39	49	96 306	6 282,882	79 353,476	12,630	12,160	89	99	676	1,333	2,595	1,947	1,477
40	50	96 033	5 841,547	73 070,595	12,509	12,039	90	100	371	0,681	1,262	1,852	1,382
41	51	95 737	5 429,892	67 229,048	12,381	11,911							
42	52	95 400	5 044,994	61 799,156	12,250	11,780							
43	53	95 055	4 686,948	56 754,162	12,109	11,639							
44	54	94 668	4 352,331	52 067,214	11,963	11,493							
45	55	94 244	4 039,924	47 714,883	11,811	11,341							
46	56	93 774	3 748,048	43 674,959	11,653	11,183							
47	57	93 264	3 475,681	39 926,912	11,488	11,018							
48	58	92 697	3 221,028	36 451,230	11,317	10,847							
49	59	92 068	2 982,906	33 230,202	11,140	10,670							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	1 446 720,575	14,522	14,053	50	61	90 903	2 746,093	29 769,061	10,841	10,371
1	12	99 275	92 563,797	1 347 100,958	14,553	14,083	51	62	90 105	2 537,975	27 022,968	10,647	10,178
2	13	99 244	86 280,259	1 254 537,161	14,540	14,070	52	63	89 233	2 343,508	24 484,993	10,448	9,978
3	14	99 223	80 430,735	1 168 256,902	14,525	14,055	53	64	88 276	2 161,645	22 141,484	10,243	9,773
4	15	99 202	74 977,885	1 087 826,167	14,509	14,039	54	65	87 226	1 991,557	19 979,839	10,032	9,562
5	16	99 180	69 893,381	1 012 848,282	14,491	14,021	55	66	86 094	1 832,823	17 988,282	9,815	9,345
6	17	99 158	65 154,400	942 954,901	14,473	14,003	56	67	84 855	1 684,326	16 155,459	9,592	9,122
7	18	99 136	60 736,678	877 800,500	14,453	13,983	57	68	83 528	1 545,917	14 471,133	9,361	8,891
8	19	99 110	56 616,240	817 063,822	14,432	13,962	58	69	82 091	1 416,620	12 925,216	9,124	8,654
9	20	99 087	52 776,339	760 447,582	14,409	13,939	59	70	80 517	1 295,523	11 508,595	8,883	8,413
10	21	99 062	49 196,704	707 671,244	14,385	13,915	60	71	78 815	1 182,420	10 213,073	8,637	8,168
11	22	99 038	45 859,848	658 474,540	14,358	13,889	61	72	76 984	1 076,871	9 030,653	8,386	7,916
12	23	99 015	42 749,636	612 614,692	14,330	13,860	62	73	75 030	978,590	7 925,782	8,128	7,658
13	24	98 990	39 849,753	569 865,056	14,300	13,830	63	74	72 907	886,623	6 975,192	7,867	7,397
14	25	98 964	37 146,391	530 015,302	14,268	13,798	64	75	70 653	801,134	6 088,570	7,600	7,130
15	26	98 933	34 624,318	492 868,911	14,235	13,765	65	76	68 253	721,604	5 287,436	7,327	6,857
16	27	98 900	32 272,976	458 244,593	14,199	13,729	66	77	65 717	647,822	4 565,832	7,048	6,578
17	28	98 857	30 078,162	425 971,617	14,162	13,692	67	78	63 066	579,665	3 918,010	6,759	6,289
18	29	98 807	28 030,755	395 893,455	14,124	13,654	68	79	60 241	516,269	3 338,345	6,466	5,996
19	30	98 744	26 119,367	367 862,700	14,084	13,614	69	80	57 239	457,378	2 822,075	6,170	5,700
20	31	98 676	24 337,011	341 743,333	14,042	13,572	70	81	54 056	402,748	2 364,698	5,871	5,402
21	32	98 604	22 675,184	317 406,322	13,998	13,528	71	82	50 704	352,234	1 961,950	5,570	5,100
22	33	98 531	21 126,713	294 731,138	13,951	13,481	72	83	47 115	305,181	1 609,716	5,275	4,805
23	34	98 455	19 683,412	273 604,426	13,900	13,430	73	84	43 345	261,779	1 304,535	4,983	4,513
24	35	98 376	18 338,116	253 921,014	13,847	13,377	74	85	39 410	221,925	1 042,755	4,699	4,229
25	36	98 285	17 082,664	235 582,898	13,791	13,321	75	86	35 367	185,697	820,830	4,420	3,950
26	37	98 195	15 913,265	218 500,233	13,731	13,261	76	87	31 244	152,956	635,132	4,152	3,682
27	38	98 102	14 823,516	202 586,969	13,667	13,197	77	88	27 094	123,673	482,176	3,899	3,429
28	39	98 004	13 807,589	187 763,453	13,599	13,129	78	89	23 056	98,130	358,504	3,653	3,183
29	40	97 895	12 859,881	173 955,864	13,527	13,057	79	90	19 188	76,147	260,373	3,419	2,949
30	41	97 784	11 977,062	161 095,982	13,450	12,980	80	91	15 556	57,558	184,226	3,201	2,731
31	42	97 661	11 153,346	149 118,920	13,370	12,900	81	92	12 251	42,265	126,668	2,997	2,527
32	43	97 526	10 385,039	137 965,574	13,285	12,815	82	93	9 330	30,011	84,403	2,812	2,342
33	44	97 379	9 668,437	127 580,536	13,196	12,726	83	94	6 864	20,586	54,391	2,642	2,172
34	45	97 219	9 000,018	117 912,099	13,101	12,631	84	95	4 871	13,622	33,805	2,482	2,012
35	46	97 046	8 376,708	108 912,081	13,002	12,532	85	96	3 307	8,623	20,184	2,341	1,871
36	47	96 858	7 795,311	100 535,373	12,897	12,427	86	97	2 140	5,204	11,560	2,221	1,752
37	48	96 647	7 252,501	92 740,062	12,787	12,317	87	98	1 336	3,030	6,356	2,098	1,628
38	49	96 404	6 745,244	85 487,561	12,674	12,204	88	99	793	1,675	3,327	1,986	1,516
39	50	96 144	6 272,301	78 742,317	12,554	12,084	89	100	444	0,875	1,651	1,886	1,416
40	51	95 856	5 830,775	72 470,016	12,429	11,959							
41	52	95 538	5 418,617	66 639,241	12,298	11,828							
42	53	95 189	5 033,873	61 220,624	12,162	11,692							
43	54	94 819	4 675,331	56 186,751	12,018	11,548							
44	55	94 407	4 340,344	51 511,420	11,868	11,398							
45	56	93 950	4 027,350	47 171,077	11,713	11,243							
46	57	93 457	3 735,373	43 143,727	11,550	11,080							
47	58	92 913	3 462,626	39 408,353	11,381	10,911							
48	59	92 310	3 207,585	35 945,727	11,206	10,737							
49	60	91 641	2 969,082	32 738,143	11,026	10,556							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	1 445 743,392	14,514	14,044	50	62	90 396	2 730,753	29 260,141	10,715	10,245
1	13	99 268	92 557,947	1 346 131,436	14,544	14,074	51	63	89 554	2 522,438	26 529,388	10,517	10,047
2	14	99 237	86 273,440	1 253 573,490	14,530	14,060	52	64	88 630	2 327,666	24 006,950	10,314	9,844
3	15	99 214	80 423,315	1 167 300,050	14,514	14,045	53	65	87 622	2 145,630	21 679,285	10,104	9,634
4	16	99 191	74 969,205	1 086 876,734	14,498	14,028	54	66	86 527	1 975,597	19 533,655	9,887	9,418
5	17	99 167	69 884,446	1 011 907,529	14,480	14,010	55	67	85 340	1 816,772	17 558,057	9,664	9,195
6	18	99 145	65 145,953	942 023,084	14,460	13,990	56	68	84 060	1 668,565	15 741,286	9,434	8,964
7	19	99 120	60 726,819	876 877,131	14,440	13,970	57	69	82 676	1 530,143	14 072,721	9,197	8,727
8	20	99 094	56 606,934	816 150,311	14,418	13,948	58	70	81 143	1 400,264	12 532,579	8,957	8,487
9	21	99 070	52 767,700	759 543,377	14,394	13,924	59	71	79 506	1 279,262	11 142,315	8,710	8,240
10	22	99 046	49 188,350	706 775,677	14,369	13,899	60	72	77 726	1 166,085	9 863,053	8,458	7,988
11	23	99 022	45 852,154	657 587,327	14,341	13,872	61	73	75 833	1 060,774	8 696,968	8,199	7,729
12	24	98 999	42 742,644	611 735,173	14,312	13,842	62	74	73 774	962,212	7 636,194	7,936	7,466
13	25	98 974	39 843,207	568 992,529	14,281	13,811	63	75	71 581	870,493	6 673,982	7,667	7,197
14	26	98 945	37 139,169	529 149,322	14,248	13,778	64	76	69 232	785,015	5 803,489	7,393	6,923
15	27	98 915	34 618,147	492 010,152	14,212	13,743	65	77	66 742	705,621	5 018,474	7,112	6,642
16	28	98 879	32 266,207	457 392,005	14,176	13,706	66	78	64 144	632,314	4 312,852	6,821	6,351
17	29	98 833	30 071,003	425 125,799	14,137	13,668	67	79	61 350	563,894	3 680,539	6,527	6,057
18	30	98 782	28 023,838	395 054,795	14,097	13,627	68	80	58 385	500,364	3 116,645	6,229	5,759
19	31	98 716	26 111,981	367 030,957	14,056	13,586	69	81	55 220	441,250	2 616,281	5,929	5,459
20	32	98 645	24 329,174	340 918,976	14,013	13,543	70	82	51 871	386,471	2 175,031	5,628	5,158
21	33	98 571	22 667,567	316 589,802	13,967	13,497	71	83	48 320	335,678	1 788,560	5,328	4,858
22	34	98 496	21 119,313	293 922,235	13,917	13,447	72	84	44 515	288,337	1 452,882	5,039	4,569
23	35	98 418	19 675,897	272 802,922	13,865	13,395	73	85	40 580	245,081	1 164,545	4,752	4,282
24	36	98 330	18 329,553	253 127,024	13,810	13,340	74	86	36 506	205,571	919,465	4,473	4,003
25	37	98 238	17 074,518	234 797,471	13,751	13,281	75	87	32 351	169,861	713,894	4,203	3,733
26	38	98 145	15 905,230	217 722,953	13,689	13,219	76	88	28 148	137,799	544,032	3,948	3,478
27	39	98 048	14 815,302	201 817,723	13,622	13,152	77	89	24 024	109,660	406,233	3,704	3,235
28	40	97 940	13 798,605	187 002,421	13,552	13,082	78	90	20 087	85,491	296,573	3,469	2,999
29	41	97 833	12 851,739	173 203,816	13,477	13,007	79	91	16 365	64,944	211,082	3,250	2,780
30	42	97 713	11 968,284	160 352,077	13,398	12,928	80	92	12 975	48,008	146,138	3,044	2,574
31	43	97 582	11 144,347	148 383,793	13,315	12,845	81	93	9 948	34,322	98,130	2,859	2,389
32	44	97 439	10 375,737	137 239,446	13,227	12,757	82	94	7 375	23,725	63,809	2,690	2,220
33	45	97 287	9 659,292	126 863,710	13,134	12,664	83	95	5 289	15,862	40,083	2,527	2,057
34	46	97 115	8 990,337	117 204,418	13,037	12,567	84	96	3 632	10,158	24,221	2,384	1,914
35	47	96 931	8 366,788	108 214,081	12,934	12,464	85	97	2 383	6,215	14,063	2,263	1,793
36	48	96 732	7 785,182	99 847,292	12,825	12,355	86	98	1 510	3,670	7,848	2,138	1,668
37	49	96 500	7 241,498	92 062,110	12,713	12,243	87	99	910	2,063	4,178	2,025	1,555
38	50	96 242	6 733,885	84 820,612	12,596	12,126	88	100	521	1,100	2,115	1,922	1,452
39	51	95 967	6 260,735	78 086,727	12,472	12,003							
40	52	95 657	5 818,668	71 825,992	12,344	11,874							
41	53	95 328	5 406,672	66 007,324	12,208	11,739							
42	54	94 954	5 021,396	60 600,652	12,068	11,599							
43	55	94 558	4 662,454	55 579,257	11,921	11,451							
44	56	94 113	4 326,835	50 916,803	11,768	11,298							
45	57	93 633	4 013,731	46 589,968	11,608	11,138							
46	58	93 106	3 721,342	42 576,237	11,441	10,971							
47	59	92 526	3 448,174	38 854,894	11,268	10,798							
48	60	91 882	3 192,719	35 406,720	11,090	10,620							
49	61	91 171	2 953,860	32 214,001	10,906	10,436							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	1 444 691,835	14,504	14,034	50	63	89 842	2 714,036	28 719,498	10,582	10,112
1	14	99 261	92 550,631	1 345 086,175	14,534	14,064	51	64	88 948	2 505,386	26 005,462	10,380	9,910
2	15	99 227	86 265,481	1 252 535,543	14,520	14,050	52	65	87 973	2 310,421	23 500,077	10,171	9,701
3	16	99 203	80 414,005	1 166 270,062	14,503	14,033	53	66	86 920	2 128,436	21 189,656	9,956	9,486
4	17	99 178	74 959,621	1 085 856,058	14,486	14,016	54	67	85 769	1 958,295	19 061,221	9,734	9,264
5	18	99 154	69 875,385	1 010 896,437	14,467	13,997	55	68	84 541	1 799,770	17 102,925	9,503	9,033
6	19	99 129	65 135,379	941 021,052	14,447	13,977	56	69	83 203	1 651,539	15 303,155	9,266	8,796
7	20	99 104	60 716,838	875 885,673	14,426	13,956	57	70	81 721	1 512,475	13 651,616	9,026	8,556
8	21	99 078	56 597,669	815 168,836	14,403	13,933	58	71	80 125	1 382,688	12 139,141	8,779	8,309
9	22	99 054	52 758,740	758 571,167	14,378	13,908	59	72	78 408	1 261,589	10 756,453	8,526	8,056
10	23	99 029	49 180,097	705 812,427	14,352	13,882	60	73	76 565	1 148,655	9 494,864	8,266	7,796
11	24	99 005	45 844,654	656 632,329	14,323	13,853	61	74	74 564	1 043,021	8 346,209	8,002	7,532
12	25	98 982	42 735,623	610 787,675	14,292	13,822	62	75	72 432	944,707	7 303,188	7,731	7,261
13	26	98 954	39 835,461	568 052,052	14,260	13,790	63	76	70 140	852,979	6 358,481	7,454	6,985
14	27	98 927	37 132,550	528 216,591	14,225	13,755	64	77	67 698	767,628	5 505,502	7,172	6,702
15	28	98 895	34 610,886	491 084,041	14,189	13,719	65	78	65 144	688,730	4 737,874	6,879	6,409
16	29	98 856	32 258,623	456 473,155	14,150	13,681	66	79	62 399	615,110	4 049,144	6,583	6,113
17	30	98 809	30 063,583	424 214,627	14,111	13,641	67	80	59 460	546,522	3 434,034	6,283	5,814
18	31	98 754	28 015,914	394 151,045	14,069	13,599	68	81	56 326	482,720	2 887,513	5,982	5,512
19	32	98 684	26 103,573	366 135,131	14,026	13,556	69	82	52 989	423,417	2 404,793	5,679	5,210
20	33	98 611	24 321,002	340 031,558	13,981	13,511	70	83	49 433	368,306	1 981,376	5,380	4,910
21	34	98 536	22 659,628	315 710,557	13,933	13,463	71	84	45 653	317,150	1 613,070	5,086	4,616
22	35	98 459	21 111,250	293 050,928	13,881	13,411	72	85	41 675	269,944	1 295,920	4,801	4,331
23	36	98 372	19 666,710	271 939,678	13,827	13,358	73	86	37 590	227,020	1 025,976	4,519	4,049
24	37	98 283	18 320,813	252 272,968	13,770	13,300	74	87	33 393	188,040	798,956	4,249	3,779
25	38	98 189	17 065,897	233 952,156	13,709	13,239	75	88	29 145	153,029	610,916	3,992	3,522
26	39	98 091	15 896,417	216 886,259	13,644	13,174	76	89	24 958	122,186	457,887	3,747	3,278
27	40	97 984	14 805,663	200 989,843	13,575	13,105	77	90	20 929	95,535	335,701	3,514	3,044
28	41	97 878	13 789,869	186 184,180	13,502	13,032	78	91	17 132	72,913	240,166	3,294	2,824
29	42	97 761	12 842,320	172 394,311	13,424	12,954	79	92	13 650	54,168	167,252	3,088	2,618
30	43	97 634	11 958,627	159 551,991	13,342	12,872	80	93	10 536	38,985	113,084	2,901	2,431
31	44	97 495	11 134,365	147 593,364	13,256	12,786	81	94	7 865	27,133	74,099	2,731	2,261
32	45	97 347	10 365,923	136 458,999	13,164	12,694	82	95	5 683	18,281	46,966	2,569	2,099
33	46	97 183	9 648,902	126 093,077	13,068	12,598	83	96	3 944	11,829	28,685	2,425	1,955
34	47	97 000	8 979,691	116 444,175	12,968	12,498	84	97	2 618	7,321	16,856	2,302	1,833
35	48	96 805	8 355,917	107 464,484	12,861	12,391	85	98	1 681	4,383	9,535	2,175	1,706
36	49	96 586	7 773,371	99 108,567	12,750	12,280	86	99	1 028	2,499	5,152	2,061	1,591
37	50	96 338	7 229,303	91 335,196	12,634	12,164	87	100	598	1,355	2,653	1,958	1,488
38	51	96 064	6 721,468	84 105,893	12,513	12,043							
39	52	95 767	6 247,735	77 384,425	12,386	11,916							
40	53	95 446	5 805,841	71 136,690	12,253	11,783							
41	54	95 091	5 393,271	65 330,849	12,113	11,644							
42	55	94 692	5 007,565	59 937,578	11,969	11,500							
43	56	94 264	4 647,942	54 930,013	11,818	11,348							
44	57	93 795	4 312,203	50 282,070	11,660	11,191							
45	58	93 281	3 998,654	45 969,867	11,496	11,026							
46	59	92 717	3 705,811	41 971,213	11,326	10,856							
47	60	92 097	3 432,194	38 265,402	11,149	10,679							
48	61	91 411	3 176,351	34 833,208	10,966	10,497							
49	62	90 662	2 937,359	31 656,857	10,777	10,307							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	1 443 558,932	14,494	14,024	50	64	89 235	2 695,688	28 146,243	10,441	9,971
1	15	99 251	92 542,093	1 343 961,144	14,523	14,053	51	65	88 289	2 486,824	25 450,555	10,234	9,764
2	16	99 216	86 255,494	1 251 419,050	14,508	14,038	52	66	87 268	2 291,906	22 963,731	10,019	9,550
3	17	99 190	80 403,724	1 165 163,557	14,491	14,022	53	67	86 158	2 109,795	20 671,826	9,798	9,328
4	18	99 165	74 949,902	1 084 759,832	14,473	14,003	54	68	84 967	1 939,970	18 562,030	9,568	9,098
5	19	99 138	69 864,043	1 009 809,930	14,454	13,984	55	69	83 679	1 781,406	16 622,061	9,331	8,861
6	20	99 113	65 124,672	939 945,887	14,433	13,963	56	70	82 242	1 632,469	14 840,655	9,091	8,621
7	21	99 088	60 706,899	874 821,215	14,411	13,941	57	71	80 695	1 493,491	13 208,186	8,844	8,374
8	22	99 061	56 588,059	814 114,315	14,387	13,917	58	72	79 018	1 363,587	11 714,695	8,591	8,121
9	23	99 037	52 749,889	757 526,257	14,361	13,891	59	73	77 236	1 242,731	10 351,108	8,329	7,859
10	24	99 013	49 172,054	704 776,368	14,333	13,863	60	74	75 283	1 129,431	9 108,377	8,065	7,595
11	25	98 989	45 837,124	655 604,314	14,303	13,833	61	75	73 207	1 024,046	7 978,946	7,792	7,322
12	26	98 963	42 727,315	609 767,191	14,271	13,801	62	76	70 975	925,700	6 954,900	7,513	7,043
13	27	98 937	39 828,361	567 039,876	14,237	13,767	63	77	68 587	834,086	6 029,200	7,229	6,759
14	28	98 907	37 124,761	527 211,515	14,201	13,731	64	78	66 078	749,252	5 195,114	6,934	6,464
15	29	98 871	34 602,649	490 086,754	14,163	13,693	65	79	63 371	669,991	4 445,862	6,636	6,166
16	30	98 831	32 250,567	455 484,105	14,123	13,653	66	80	60 476	596,159	3 775,870	6,334	5,864
17	31	98 781	30 055,081	423 233,538	14,082	13,612	67	81	57 364	527,250	3 179,711	6,031	5,561
18	32	98 723	28 006,892	393 178,457	14,039	13,569	68	82	54 050	463,211	2 652,460	5,726	5,256
19	33	98 651	26 094,804	365 171,564	13,994	13,524	69	83	50 498	403,515	2 189,249	5,425	4,956
20	34	98 577	24 312,484	339 076,760	13,947	13,477	70	84	46 705	347,977	1 785,734	5,132	4,662
21	35	98 499	22 650,977	314 764,276	13,896	13,426	71	85	42 741	296,920	1 437,758	4,842	4,372
22	36	98 413	21 101,393	292 113,299	13,843	13,373	72	86	38 604	250,051	1 140,838	4,562	4,093
23	37	98 325	19 657,332	271 011,907	13,787	13,317	73	87	34 384	207,660	890,787	4,290	3,820
24	38	98 234	18 311,562	251 354,575	13,727	13,257	74	88	30 084	169,406	683,127	4,032	3,563
25	39	98 134	17 056,440	233 043,013	13,663	13,193	75	89	25 843	135,690	513,721	3,786	3,316
26	40	98 027	15 886,074	215 986,573	13,596	13,126	76	90	21 744	106,448	378,030	3,551	3,081
27	41	97 922	14 796,289	200 100,499	13,524	13,054	77	91	17 850	81,480	271,583	3,333	2,863
28	42	97 806	13 779,762	185 304,211	13,448	12,978	78	92	14 289	60,815	190,102	3,126	2,656
29	43	97 682	12 831,958	171 524,449	13,367	12,897	79	93	11 085	43,988	129,287	2,939	2,469
30	44	97 546	11 947,916	158 692,491	13,282	12,812	80	94	8 329	30,819	85,300	2,768	2,298
31	45	97 403	11 123,833	146 744,575	13,192	12,722	81	95	6 060	20,907	54,481	2,606	2,136
32	46	97 242	10 354,773	135 620,742	13,097	12,628	82	96	4 238	13,633	33,574	2,463	1,993
33	47	97 068	9 637,475	125 265,969	12,998	12,528	83	97	2 842	8,525	19,941	2,339	1,869
34	48	96 873	8 968,023	115 628,494	12,893	12,424	84	98	1 846	5,163	11,415	2,211	1,741
35	49	96 659	8 343,240	106 660,471	12,784	12,314	85	99	1 145	2,985	6,252	2,095	1,625
36	50	96 423	7 760,281	98 317,231	12,669	12,199	86	100	675	1,641	3,267	1,991	1,521
37	51	96 160	7 215,973	90 556,950	12,550	12,080							
38	52	95 865	6 707,511	83 340,978	12,425	11,955							
39	53	95 556	6 233,962	76 633,467	12,293	11,823							
40	54	95 209	5 791,451	70 399,505	12,156	11,686							
41	55	94 830	5 378,417	64 608,054	12,012	11,543							
42	56	94 397	4 991,980	59 229,637	11,865	11,395							
43	57	93 945	4 632,225	54 237,657	11,709	11,239							
44	58	93 443	4 296,005	49 605,432	11,547	11,077							
45	59	92 892	3 981,966	45 309,427	11,379	10,909							
46	60	92 287	3 688,637	41 327,461	11,204	10,734							
47	61	91 625	3 414,598	37 638,825	11,023	10,553							
48	62	90 900	3 158,607	34 224,227	10,835	10,365							
49	63	90 107	2 919,377	31 065,620	10,641	10,171							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	1 442 340,378	14,483	14,013	50	65	88 574	2 675,716	27 539,716	10,292	9,823
1	16	99 240	92 531,380	1 342 751,779	14,511	14,041	51	66	87 582	2 466,895	24 864,000	10,079	9,609
2	17	99 203	86 244,467	1 250 220,399	14,496	14,026	52	67	86 504	2 271,834	22 397,105	9,859	9,389
3	18	99 177	80 393,300	1 163 975,932	14,479	14,009	53	68	85 352	2 090,052	20 125,271	9,629	9,159
4	19	99 149	74 937,736	1 083 582,632	14,460	13,990	54	69	84 100	1 920,174	18 035,219	9,392	8,923
5	20	99 122	69 852,559	1 008 644,896	14,440	13,970	55	70	82 712	1 760,837	16 115,045	9,152	8,682
6	21	99 096	65 114,013	938 792,336	14,418	13,948	56	71	81 210	1 611,979	14 354,208	8,905	8,435
7	22	99 071	60 696,592	873 678,324	14,394	13,924	57	72	79 581	1 472,859	12 742,229	8,651	8,181
8	23	99 044	56 578,564	812 981,732	14,369	13,899	58	73	77 837	1 343,204	11 269,370	8,390	7,920
9	24	99 021	52 741,261	756 403,168	14,342	13,872	59	74	75 943	1 221,933	9 926,166	8,123	7,653
10	25	98 997	49 163,976	703 661,907	14,313	13,843	60	75	73 914	1 108,884	8 704,233	7,850	7,380
11	26	98 970	45 828,212	654 497,931	14,282	13,812	61	76	71 734	1 003,442	7 595,349	7,569	7,099
12	27	98 945	42 719,699	608 669,719	14,248	13,778	62	77	69 403	905,197	6 591,906	7,282	6,812
13	28	98 916	39 820,007	565 950,020	14,213	13,743	63	78	66 945	814,120	5 686,710	6,985	6,515
14	29	98 883	37 115,926	526 130,013	14,175	13,705	64	79	64 280	728,867	4 872,590	6,685	6,215
15	30	98 847	34 594,110	489 014,087	14,136	13,666	65	80	61 419	649,350	4 143,723	6,381	5,911
16	31	98 803	32 241,447	454 419,977	14,094	13,624	66	81	58 344	575,138	3 494,373	6,076	5,606
17	32	98 749	30 045,403	422 178,529	14,051	13,581	67	82	55 045	505,941	2 919,235	5,770	5,300
18	33	98 689	27 997,485	392 133,126	14,006	13,536	68	83	51 509	441,439	2 413,294	5,467	4,997
19	34	98 617	26 085,665	364 135,641	13,959	13,489	69	84	47 711	381,243	1 971,855	5,172	4,702
20	35	98 539	24 303,201	338 049,976	13,910	13,440	70	85	43 726	325,780	1 590,612	4,882	4,413
21	36	98 453	22 640,401	313 746,775	13,858	13,388	71	86	39 591	275,039	1 264,832	4,599	4,129
22	37	98 366	21 091,330	291 106,374	13,802	13,332	72	87	35 312	228,727	989,794	4,327	3,858
23	38	98 275	19 647,406	270 015,044	13,743	13,273	73	88	30 977	187,082	761,067	4,068	3,598
24	39	98 179	18 301,415	250 367,638	13,680	13,210	74	89	26 675	150,212	573,985	3,821	3,351
25	40	98 070	17 045,343	232 066,223	13,615	13,145	75	90	22 514	118,213	423,773	3,585	3,115
26	41	97 965	15 876,016	215 020,880	13,544	13,074	76	91	18 545	90,787	305,560	3,366	2,896
27	42	97 850	14 785,444	199 144,864	13,469	12,999	77	92	14 888	67,960	214,773	3,160	2,690
28	43	97 727	13 768,643	184 359,421	13,390	12,920	78	93	11 603	49,385	146,813	2,973	2,503
29	44	97 595	12 820,465	170 590,777	13,306	12,836	79	94	8 763	34,774	97,427	2,802	2,332
30	45	97 454	11 936,615	157 770,313	13,217	12,747	80	95	6 418	23,748	62,653	2,638	2,168
31	46	97 298	11 111,868	145 833,698	13,124	12,654	81	96	4 519	15,591	38,906	2,495	2,025
32	47	97 127	10 342,511	134 721,830	13,026	12,556	82	97	3 054	9,825	23,315	2,373	1,903
33	48	96 941	9 624,953	124 379,319	12,923	12,453	83	98	2 005	6,013	13,489	2,244	1,774
34	49	96 727	8 954,418	114 754,367	12,815	12,345	84	99	1 257	3,516	7,477	2,127	1,657
35	50	96 496	8 329,189	105 799,949	12,702	12,232	85	100	752	1,960	3,961	2,021	1,551
36	51	96 245	7 745,971	97 470,760	12,583	12,114							
37	52	95 960	7 200,989	89 724,788	12,460	11,990							
38	53	95 653	6 692,725	82 523,800	12,330	11,860							
39	54	95 319	6 218,511	75 831,075	12,194	11,725							
40	55	94 947	5 775,499	69 612,564	12,053	11,583							
41	56	94 534	5 361,677	63 837,065	11,906	11,436							
42	57	94 078	4 975,099	58 475,388	11,754	11,284							
43	58	93 592	4 614,825	53 500,289	11,593	11,123							
44	59	93 053	4 278,076	48 885,464	11,427	10,957							
45	60	92 461	3 963,512	44 607,388	11,255	10,785							
46	61	91 814	3 669,726	40 643,876	11,075	10,606							
47	62	91 113	3 395,523	36 974,151	10,889	10,419							
48	63	90 344	3 139,270	33 578,628	10,696	10,226							
49	64	89 498	2 899,641	30 439,357	10,498	10,028							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	1 441 031,292	14,472	14,002	50	66	87 864	2 654,274	26 899,223	10,134	9,664
1	17	99 227	92 519,550	1 341 454,222	14,499	14,029	51	67	86 815	2 445,291	24 244,949	9,915	9,445
2	18	99 190	86 233,285	1 248 934,672	14,483	14,013	52	68	85 694	2 250,574	21 799,658	9,686	9,216
3	19	99 161	80 380,250	1 162 701,387	14,465	13,995	53	69	84 481	2 068,725	19 549,084	9,450	8,980
4	20	99 133	74 925,419	1 082 321,136	14,445	13,975	54	70	83 129	1 898,003	17 480,359	9,210	8,740
5	21	99 105	69 841,126	1 007 395,717	14,424	13,954	55	71	81 674	1 738,735	15 582,356	8,962	8,492
6	22	99 080	65 102,957	937 554,591	14,401	13,931	56	72	80 088	1 589,710	13 843,620	8,708	8,238
7	23	99 054	60 686,408	872 451,635	14,376	13,906	57	73	78 391	1 450,843	12 253,910	8,446	7,976
8	24	99 028	56 569,311	811 765,227	14,350	13,880	58	74	76 534	1 320,724	10 803,067	8,180	7,710
9	25	99 004	52 732,597	755 195,916	14,321	13,851	59	75	74 561	1 199,703	9 482,343	7,904	7,434
10	26	98 977	49 154,418	702 463,319	14,291	13,821	60	76	72 426	1 086,573	8 282,640	7,623	7,153
11	27	98 952	45 820,044	653 308,901	14,258	13,788	61	77	70 146	981,217	7 196,066	7,334	6,864
12	28	98 925	42 710,739	607 488,858	14,223	13,753	62	78	67 741	883,528	6 214,849	7,034	6,564
13	29	98 892	39 810,530	564 778,119	14,187	13,717	63	79	65 124	791,969	5 331,321	6,732	6,262
14	30	98 859	37 106,767	524 967,589	14,147	13,678	64	80	62 300	706,412	4 539,352	6,426	5,956
15	31	98 819	34 584,327	487 860,822	14,106	13,637	65	81	59 253	626,453	3 832,940	6,118	5,649
16	32	98 771	32 231,065	453 276,494	14,063	13,593	66	82	55 986	551,894	3 206,488	5,810	5,340
17	33	98 716	30 035,311	421 045,429	14,018	13,548	67	83	52 458	482,161	2 654,594	5,506	5,036
18	34	98 655	27 987,679	391 010,118	13,971	13,501	68	84	48 666	417,073	2 172,433	5,209	4,739
19	35	98 579	26 075,706	363 022,439	13,922	13,452	69	85	44 667	356,924	1 755,359	4,918	4,448
20	36	98 493	24 291,853	336 946,733	13,871	13,401	70	86	40 503	301,772	1 398,436	4,634	4,164
21	37	98 406	22 629,604	312 654,880	13,816	13,346	71	87	36 215	251,584	1 096,663	4,359	3,889
22	38	98 316	21 080,681	290 025,275	13,758	13,288	72	88	31 813	206,061	845,080	4,101	3,631
23	39	98 221	19 636,519	268 944,595	13,696	13,226	73	89	27 467	165,885	639,018	3,852	3,382
24	40	98 115	18 289,508	249 308,076	13,631	13,161	74	90	23 239	130,864	473,134	3,615	3,146
25	41	98 008	17 034,551	231 018,568	13,562	13,092	75	91	19 202	100,821	342,270	3,395	2,925
26	42	97 893	15 864,379	213 984,017	13,488	13,018	76	92	15 468	75,723	241,448	3,189	2,719
27	43	97 771	14 773,514	198 119,638	13,410	12,941	77	93	12 090	55,188	165,725	3,003	2,533
28	44	97 640	13 756,311	183 346,124	13,328	12,858	78	94	9 173	39,041	110,538	2,831	2,361
29	45	97 502	12 808,338	169 589,813	13,241	12,771	79	95	6 752	26,795	71,497	2,668	2,198
30	46	97 349	11 923,775	156 781,474	13,149	12,679	80	96	4 786	17,710	44,702	2,524	2,054
31	47	97 183	11 098,709	144 857,699	13,052	12,582	81	97	3 257	11,236	26,992	2,402	1,932
32	48	97 001	10 329,072	133 758,990	12,950	12,480	82	98	2 154	6,929	15,756	2,274	1,804
33	49	96 794	9 610,351	123 429,918	12,843	12,374	83	99	1 365	4,094	8,826	2,156	1,686
34	50	96 564	8 939,338	113 819,568	12,732	12,263	84	100	826	2,309	4,732	2,049	1,579
35	51	96 318	8 313,831	104 880,230	12,615	12,145							
36	52	96 045	7 729,887	96 566,399	12,493	12,023							
37	53	95 749	7 185,115	88 836,512	12,364	11,894							
38	54	95 416	6 676,136	81 651,397	12,230	11,760							
39	55	95 057	6 201,383	74 975,261	12,090	11,620							
40	56	94 652	5 757,524	68 773,878	11,945	11,475							
41	57	94 215	5 343,546	63 016,354	11,793	11,323							
42	58	93 725	4 956,411	57 672,808	11,636	11,166							
43	59	93 201	4 595,565	52 716,397	11,471	11,001							
44	60	92 622	4 258,249	48 120,832	11,301	10,831							
45	61	91 987	3 943,191	43 862,583	11,124	10,654							
46	62	91 301	3 649,226	39 919,391	10,939	10,469							
47	63	90 555	3 374,736	36 270,165	10,748	10,278							
48	64	89 733	3 118,048	32 895,430	10,550	10,080							
49	65	88 835	2 878,158	29 777,381	10,346	9,876							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	1 439 627,555	14,459	13,989	50	67	87 094	2 631,029	26 223,872	9,967	9,497
1	18	99 214	92 507,555	1 340 063,215	14,486	14,016	51	68	86 002	2 422,408	23 592,844	9,739	9,270
2	19	99 174	86 219,288	1 247 555,660	14,470	14,000	52	69	84 820	2 227,609	21 170,436	9,504	9,034
3	20	99 145	80 367,039	1 161 336,372	14,450	13,981	53	70	83 506	2 044,839	18 942,827	9,264	8,794
4	21	99 117	74 913,155	1 080 969,334	14,430	13,960	54	71	82 085	1 874,180	16 897,988	9,016	8,546
5	22	99 089	69 829,267	1 006 056,179	14,407	13,937	55	72	80 546	1 714,716	15 023,808	8,762	8,292
6	23	99 063	65 092,034	936 226,912	14,383	13,913	56	73	78 891	1 565,948	13 309,092	8,499	8,029
7	24	99 038	60 676,482	871 134,878	14,357	13,887	57	74	77 079	1 426,562	11 743,145	8,232	7,762
8	25	99 012	56 560,018	810 458,396	14,329	13,859	58	75	75 142	1 296,697	10 316,583	7,956	7,486
9	26	98 985	52 722,345	753 898,378	14,299	13,830	59	76	73 061	1 175,565	9 019,886	7,673	7,203
10	27	98 960	49 145,657	701 176,033	14,267	13,797	60	77	70 822	1 062,507	7 844,321	7,383	6,913
11	28	98 932	45 810,433	652 030,376	14,233	13,763	61	78	68 466	957,729	6 781,814	7,081	6,611
12	29	98 901	42 700,574	606 219,943	14,197	13,727	62	79	65 898	859,489	5 824,085	6,776	6,306
13	30	98 868	39 800,706	563 519,369	14,159	13,689	63	80	63 117	767,570	4 964,596	6,468	5,998
14	31	98 831	37 096,274	523 718,663	14,118	13,648	64	81	60 103	681,503	4 197,026	6,158	5,689
15	32	98 787	34 573,191	486 622,389	14,075	13,605	65	82	56 859	601,135	3 515,523	5,848	5,378
16	33	98 738	32 220,239	452 049,198	14,030	13,560	66	83	53 354	525,953	2 914,389	5,541	5,071
17	34	98 681	30 024,792	419 828,959	13,983	13,513	67	84	49 562	455,548	2 388,435	5,243	4,773
18	35	98 617	27 976,994	389 804,167	13,933	13,463	68	85	45 562	390,469	1 932,888	4,950	4,480
19	36	98 533	26 063,530	361 827,174	13,883	13,413	69	86	41 376	330,621	1 542,419	4,665	4,195
20	37	98 446	24 280,270	335 763,644	13,829	13,359	70	87	37 049	276,037	1 211,798	4,390	3,920
21	38	98 356	22 618,178	311 483,374	13,771	13,301	71	88	32 626	226,653	935,760	4,129	3,659
22	39	98 262	21 069,000	288 865,196	13,710	13,241	72	89	28 208	182,714	709,107	3,881	3,411
23	40	98 157	19 623,743	267 796,197	13,647	13,177	73	90	23 929	144,518	526,393	3,642	3,173
24	41	98 053	18 277,928	248 172,454	13,578	13,108	74	91	19 820	111,611	381,876	3,421	2,952
25	42	97 937	17 022,065	229 894,526	13,506	13,036	75	92	16 016	84,092	270,264	3,214	2,744
26	43	97 814	15 851,579	212 872,461	13,429	12,959	76	93	12 561	61,491	186,172	3,028	2,558
27	44	97 684	14 760,282	197 020,881	13,348	12,878	77	94	9 558	43,628	124,681	2,858	2,388
28	45	97 547	13 743,299	182 260,600	13,262	12,792	78	95	7 068	30,083	81,053	2,694	2,224
29	46	97 397	12 794,561	168 517,300	13,171	12,701	79	96	5 035	19,982	50,970	2,551	2,081
30	47	97 234	11 909,655	155 722,739	13,075	12,605	80	97	3 449	12,763	30,988	2,428	1,958
31	48	97 056	11 084,288	143 813,084	12,974	12,505	81	98	2 297	7,925	18,224	2,300	1,830
32	49	96 854	10 313,401	132 728,796	12,870	12,400	82	99	1 467	4,719	10,300	2,183	1,713
33	50	96 631	9 594,166	122 415,395	12,759	12,289	83	100	897	2,689	5,581	2,076	1,606
34	51	96 386	8 922,854	112 821,229	12,644	12,174							
35	52	96 118	8 296,567	103 898,374	12,523	12,053							
36	53	95 834	7 712,847	95 601,807	12,395	11,925							
37	54	95 512	7 167,306	87 888,960	12,262	11,793							
38	55	95 154	6 657,748	80 721,654	12,124	11,655							
39	56	94 761	6 182,082	74 063,906	11,980	11,511							
40	57	94 331	5 738,054	67 881,823	11,830	11,360							
41	58	93 861	5 323,474	62 143,769	11,674	11,204							
42	59	93 334	4 935,725	56 820,295	11,512	11,042							
43	60	92 770	4 574,267	51 884,570	11,343	10,873							
44	61	92 147	4 236,418	47 310,303	11,168	10,698							
45	62	91 473	3 921,164	43 073,885	10,985	10,515							
46	63	90 742	3 626,886	39 152,721	10,795	10,325							
47	64	89 943	3 351,922	35 525,835	10,599	10,129							
48	65	89 068	3 094,947	32 173,913	10,396	9,926							
49	66	88 123	2 855,094	29 078,966	10,185	9,715							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	1 438 123,545	14,446	13,976	50	68	86 279	2 606,408	25 513,085	9,789	9,319
1	19	99 198	92 492,539	1 338 572,114	14,472	14,002	51	69	85 125	2 397,690	22 906,678	9,554	9,084
2	20	99 158	86 205,116	1 246 079,575	14,455	13,985	52	70	83 841	2 201,888	20 508,988	9,314	8,844
3	21	99 129	80 353,884	1 159 874,459	14,435	13,965	53	71	82 458	2 019,173	18 307,100	9,067	8,597
4	22	99 100	74 900,435	1 079 520,575	14,413	13,943	54	72	80 951	1 848,289	16 287,927	8,812	8,343
5	23	99 072	69 817,551	1 004 620,140	14,389	13,919	55	73	79 342	1 689,084	14 439,638	8,549	8,079
6	24	99 047	65 081,387	934 802,588	14,364	13,894	56	74	77 570	1 539,740	12 750,554	8,281	7,811
7	25	99 022	60 666,515	869 721,201	14,336	13,866	57	75	75 677	1 400,609	11 210,814	8,004	7,534
8	26	98 993	56 549,022	809 054,686	14,307	13,837	58	76	73 630	1 270,608	9 810,204	7,721	7,251
9	27	98 968	52 712,948	752 505,664	14,276	13,806	59	77	71 443	1 149,528	8 539,597	7,429	6,959
10	28	98 939	49 135,349	699 792,716	14,242	13,772	60	78	69 127	1 037,072	7 390,069	7,126	6,656
11	29	98 908	45 799,531	650 657,368	14,207	13,737	61	79	66 604	931,671	6 352,997	6,819	6,349
12	30	98 877	42 690,037	604 857,837	14,169	13,699	62	80	63 868	833,010	5 421,325	6,508	6,038
13	31	98 840	39 789,451	562 167,800	14,129	13,659	63	81	60 892	740,504	4 588,316	6,196	5,726
14	32	98 799	37 084,329	522 378,349	14,086	13,616	64	82	57 674	653,959	3 847,811	5,884	5,414
15	33	98 754	34 561,578	485 294,020	14,041	13,572	65	83	54 186	572,880	3 193,852	5,575	5,105
16	34	98 704	32 208,954	450 732,443	13,994	13,524	66	84	50 409	496,923	2 620,972	5,274	4,805
17	35	98 643	30 013,328	418 523,488	13,945	13,475	67	85	46 401	426,489	2 124,049	4,980	4,510
18	36	98 571	27 963,930	388 510,160	13,893	13,423	68	86	42 204	361,694	1 697,560	4,693	4,223
19	37	98 486	26 051,101	360 546,230	13,840	13,370	69	87	37 847	302,426	1 335,866	4,417	3,947
20	38	98 397	24 268,010	334 495,128	13,783	13,313	70	88	33 378	248,684	1 033,440	4,156	3,686
21	39	98 302	22 605,645	310 227,119	13,723	13,254	71	89	28 930	200,972	784,756	3,905	3,435
22	40	98 198	21 055,291	287 621,474	13,660	13,190	72	90	24 575	159,179	583,784	3,667	3,198
23	41	98 095	19 611,318	266 566,183	13,592	13,123	73	91	20 409	123,257	424,605	3,445	2,975
24	42	97 981	18 268,531	246 954,864	13,521	13,051	74	92	16 532	93,092	301,348	3,237	2,767
25	43	97 858	17 008,331	228 690,333	13,446	12,976	75	93	13 006	68,288	208,256	3,050	2,580
26	44	97 727	15 837,381	211 682,002	13,366	12,896	76	94	9 930	48,611	139,969	2,879	2,409
27	45	97 591	14 746,321	195 844,621	13,281	12,811	77	95	7 365	33,617	91,357	2,718	2,248
28	46	97 442	13 728,516	181 098,300	13,191	12,721	78	96	5 271	22,434	57,740	2,574	2,104
29	47	97 282	12 779,410	167 369,784	13,097	12,627	79	97	3 629	14,401	35,306	2,452	1,982
30	48	97 108	11 894,180	154 590,374	12,997	12,527	80	98	2 433	9,001	20,905	2,322	1,853
31	49	96 909	11 067,472	142 696,194	12,893	12,423	81	99	1 564	5,396	11,904	2,206	1,736
32	50	96 690	10 296,033	131 628,722	12,784	12,315	82	100	963	3,099	6,507	2,100	1,630
33	51	96 453	9 576,475	121 332,689	12,670	12,200							
34	52	96 185	8 904,326	111 756,214	12,551	12,081							
35	53	95 906	8 278,278	102 851,887	12,424	11,954							
36	54	95 596	7 693,730	94 573,609	12,292	11,822							
37	55	95 249	7 147,565	86 879,879	12,155	11,685							
38	56	94 857	6 637,027	79 732,314	12,013	11,543							
39	57	94 441	6 161,177	73 095,287	11,864	11,394							
40	58	93 977	5 716,501	66 934,110	11,709	11,239							
41	59	93 469	5 301,256	61 217,610	11,548	11,078							
42	60	92 901	4 912,851	55 916,353	11,382	10,912							
43	61	92 294	4 550,815	51 003,503	11,208	10,738							
44	62	91 632	4 212,753	46 452,687	11,027	10,557							
45	63	90 913	3 897,159	42 239,935	10,839	10,369							
46	64	90 129	3 602,367	38 342,776	10,644	10,174							
47	65	89 277	3 327,088	34 740,409	10,442	9,972							
48	66	88 355	3 070,145	31 413,320	10,232	9,762							
49	67	87 351	2 830,090	28 343,175	10,015	9,545							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	1 436 512,142	14,432	13,962	50	69	85 399	2 579,812	24 765,801	9,600	9,130
1	20	99 182	92 477,336	1 336 976,870	14,457	13,987	51	70	84 142	2 370,005	22 185,989	9,361	8,891
2	21	99 142	86 191,006	1 244 499,534	14,439	13,969	52	71	82 788	2 174,251	19 815,984	9,114	8,644
3	22	99 112	80 340,240	1 158 308,528	14,418	13,948	53	72	81 318	1 991,279	17 641,733	8,859	8,390
4	23	99 083	74 887,868	1 077 968,288	14,394	13,925	54	73	79 741	1 820,661	15 650,454	8,596	8,126
5	24	99 056	69 806,132	1 003 080,419	14,370	13,900	55	74	78 014	1 660,816	13 829,793	8,327	7,857
6	25	99 031	65 070,696	933 274,288	14,342	13,873	56	75	76 159	1 511,729	12 168,977	8,050	7,580
7	26	99 002	60 654,720	868 203,591	14,314	13,844	57	76	74 154	1 372,429	10 657,248	7,765	7,295
8	27	98 975	56 538,943	807 548,871	14,283	13,813	58	77	71 999	1 242,465	9 284,819	7,473	7,003
9	28	98 947	52 701,892	751 009,928	14,250	13,780	59	78	69 733	1 122,010	8 042,354	7,168	6,698
10	29	98 915	49 123,655	698 308,036	14,215	13,745	60	79	67 246	1 008,856	6 920,344	6,860	6,390
11	30	98 884	45 788,229	649 184,382	14,178	13,708	61	80	64 552	902,968	5 911,488	6,547	6,077
12	31	98 849	42 677,965	603 396,153	14,138	13,668	62	81	61 616	803,636	5 008,520	6,232	5,762
13	32	98 808	39 776,639	560 718,188	14,097	13,627	63	82	58 431	710,577	4 204,884	5,918	5,448
14	33	98 766	37 071,872	520 941,549	14,052	13,582	64	83	54 963	623,222	3 494,307	5,607	5,137
15	34	98 719	34 549,473	483 869,677	14,005	13,535	65	84	51 195	541,259	2 871,085	5,304	4,835
16	35	98 666	32 196,657	449 320,204	13,955	13,486	66	85	47 194	465,225	2 329,826	5,008	4,538
17	36	98 597	29 999,314	417 123,547	13,904	13,435	67	86	42 982	395,060	1 864,601	4,720	4,250
18	37	98 524	27 950,595	387 124,233	13,850	13,380	68	87	38 605	330,849	1 469,541	4,442	3,972
19	38	98 436	26 037,947	359 173,637	13,794	13,324	69	88	34 097	272,457	1 138,692	4,179	3,709
20	39	98 342	24 254,563	333 135,690	13,735	13,265	70	89	29 596	220,507	866,234	3,928	3,458
21	40	98 238	22 590,937	308 881,127	13,673	13,203	71	90	25 203	175,086	645,728	3,688	3,218
22	41	98 136	21 041,960	286 290,191	13,606	13,136	72	91	20 960	135,761	470,642	3,467	2,997
23	42	98 023	19 596,944	265 248,230	13,535	13,065	73	92	17 022	102,805	334,881	3,257	2,788
24	43	97 902	18 249,795	245 651,286	13,460	12,991	74	93	13 424	75,596	232,076	3,070	2,600
25	44	97 770	16 993,097	227 401,491	13,382	12,912	75	94	10 282	53,984	156,480	2,899	2,429
26	45	97 634	15 822,401	210 408,394	13,298	12,828	76	95	7 651	37,457	102,496	2,736	2,266
27	46	97 486	14 730,459	194 585,993	13,210	12,740	77	96	5 492	25,070	65,039	2,594	2,124
28	47	97 327	13 712,259	179 855,534	13,116	12,647	78	97	3 799	16,168	39,969	2,472	2,002
29	48	97 156	12 762,805	166 143,275	13,018	12,548	79	98	2 559	10,156	23,801	2,343	1,874
30	49	96 960	11 876,135	153 380,471	12,915	12,445	80	99	1 657	6,130	13,644	2,226	1,756
31	50	96 746	11 048,833	141 504,336	12,807	12,337	81	100	1 027	3,544	7,515	2,120	1,650
32	51	96 512	10 277,048	130 455,502	12,694	12,224							
33	52	96 253	9 556,590	120 178,454	12,575	12,106							
34	53	95 973	8 884,697	110 621,864	12,451	11,981							
35	54	95 668	8 257,760	101 737,167	12,320	11,850							
36	55	95 333	7 672,539	93 479,407	12,184	11,714							
37	56	94 952	7 125,319	85 806,867	12,043	11,573							
38	57	94 537	6 614,583	78 681,548	11,895	11,425							
39	58	94 086	6 138,034	72 066,965	11,741	11,271							
40	59	93 585	5 692,642	65 928,931	11,581	11,112							
41	60	93 036	5 276,688	60 236,289	11,416	10,946							
42	61	92 425	4 887,664	54 959,601	11,245	10,775							
43	62	91 778	4 525,394	50 071,938	11,065	10,595							
44	63	91 071	4 186,962	45 546,544	10,878	10,408							
45	64	90 299	3 870,813	41 359,582	10,685	10,215							
46	65	89 461	3 575,678	37 488,768	10,484	10,014							
47	66	88 561	3 300,426	33 913,090	10,275	9,805							
48	67	87 581	3 043,258	30 612,664	10,059	9,589							
49	68	86 534	2 803,606	27 569,406	9,834	9,364							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	1 434 789,031	14,417	13,947	50	70	84 413	2 550,025	23 981,543	9,404	8,935
1	21	99 166	92 462,199	1 335 270,119	14,441	13,971	51	71	83 086	2 340,257	21 431,519	9,158	8,688
2	22	99 125	86 176,371	1 242 807,920	14,422	13,952	52	72	81 645	2 144,215	19 091,261	8,904	8,434
3	23	99 095	80 326,761	1 156 631,549	14,399	13,929	53	73	80 103	1 961,513	16 947,047	8,640	8,170
4	24	99 067	74 875,620	1 076 304,788	14,375	13,905	54	74	78 407	1 790,191	14 985,533	8,371	7,901
5	25	99 040	69 794,665	1 001 429,168	14,348	13,878	55	75	76 595	1 630,602	13 195,343	8,092	7,622
6	26	99 011	65 058,046	931 634,503	14,320	13,850	56	76	74 627	1 481,313	11 564,741	7,807	7,337
7	27	98 985	60 643,909	866 576,457	14,290	13,820	57	77	72 512	1 342,032	10 083,428	7,514	7,044
8	28	98 954	56 527,084	805 932,548	14,257	13,788	58	78	70 276	1 212,723	8 741,397	7,208	6,738
9	29	98 923	52 689,349	749 405,464	14,223	13,753	59	79	67 836	1 091,483	7 528,674	6,898	6,428
10	30	98 891	49 111,533	696 716,115	14,186	13,717	60	80	65 174	977,775	6 437,191	6,584	6,114
11	31	98 856	45 775,281	647 604,582	14,147	13,678	61	81	62 276	871,128	5 459,416	6,267	5,797
12	32	98 817	42 664,222	601 829,302	14,106	13,636	62	82	59 126	771,157	4 588,289	5,950	5,480
13	33	98 775	39 763,278	559 165,080	14,062	13,592	63	83	55 684	677,178	3 817,131	5,637	5,167
14	34	98 731	37 058,888	519 401,802	14,016	13,546	64	84	51 929	588,823	3 139,953	5,333	4,863
15	35	98 681	34 536,282	482 342,914	13,966	13,496	65	85	47 930	506,733	2 551,131	5,034	4,565
16	36	98 620	32 181,623	447 806,631	13,915	13,445	66	86	43 716	430,941	2 044,397	4,744	4,274
17	37	98 550	29 985,009	415 625,008	13,861	13,391	67	87	39 316	361,370	1 613,456	4,465	3,995
18	38	98 474	27 936,482	385 639,999	13,804	13,334	68	88	34 780	298,064	1 252,087	4,201	3,731
19	39	98 382	26 023,520	357 703,517	13,745	13,275	69	89	30 233	241,587	954,023	3,949	3,479
20	40	98 278	24 238,781	331 679,997	13,684	13,214	70	90	25 784	192,104	712,436	3,709	3,239
21	41	98 175	22 576,634	307 441,216	13,618	13,148	71	91	21 496	149,328	520,332	3,484	3,015
22	42	98 064	21 026,538	284 864,582	13,548	13,078	72	92	17 482	113,235	371,004	3,276	2,807
23	43	97 944	19 581,133	263 838,044	13,474	13,004	73	93	13 823	83,483	257,770	3,088	2,618
24	44	97 815	18 233,448	244 256,912	13,396	12,926	74	94	10 613	59,762	174,287	2,916	2,446
25	45	97 677	16 977,024	226 023,463	13,313	12,844	75	95	7 922	41,597	114,525	2,753	2,283
26	46	97 529	15 805,382	209 046,439	13,226	12,756	76	96	5 706	27,934	72,928	2,611	2,141
27	47	97 371	14 713,015	193 241,058	13,134	12,664	77	97	3 958	18,068	44,994	2,490	2,020
28	48	97 201	13 694,442	178 528,043	13,037	12,567	78	98	2 679	11,403	26,927	2,361	1,892
29	49	97 008	12 743,442	164 833,601	12,935	12,465	79	99	1 743	6,916	15,524	2,245	1,775
30	50	96 797	11 856,135	152 090,159	12,828	12,358	80	100	1 088	4,026	8,608	2,138	1,668
31	51	96 568	11 028,461	140 234,024	12,716	12,246							
32	52	96 312	10 255,708	129 205,563	12,598	12,129							
33	53	96 041	9 535,523	118 949,855	12,474	12,004							
34	54	95 736	8 862,676	109 414,332	12,346	11,876							
35	55	95 405	8 235,016	100 551,656	12,210	11,740							
36	56	95 036	7 648,659	92 316,641	12,070	11,600							
37	57	94 631	7 101,224	84 667,981	11,923	11,453							
38	58	94 181	6 589,737	77 566,757	11,771	11,301							
39	59	93 693	6 112,416	70 977,020	11,612	11,142							
40	60	93 151	5 666,260	64 864,604	11,448	10,978							
41	61	92 559	5 249,635	59 198,344	11,277	10,807							
42	62	91 908	4 860,360	53 948,709	11,100	10,630							
43	63	91 217	4 497,690	49 088,348	10,914	10,444							
44	64	90 455	4 158,658	44 590,659	10,722	10,252							
45	65	89 630	3 842,135	40 432,001	10,523	10,053							
46	66	88 744	3 547,024	36 589,866	10,316	9,846							
47	67	87 786	3 271,522	33 042,842	10,100	9,630							
48	68	86 761	3 014,779	29 771,320	9,875	9,405							
49	69	85 651	2 774,998	26 756,541	9,642	9,172							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	1 432 946,331	14,401	13,931	50	71	83 353	2 518,017	23 161,136	9,198	8,728
1	22	99 149	92 446,500	1 333 443,708	14,424	13,954	51	72	81 938	2 307,928	20 643,119	8,944	8,475
2	23	99 108	86 161,912	1 240 997,209	14,403	13,933	52	73	80 424	2 112,163	18 335,191	8,681	8,211
3	24	99 079	80 313,623	1 154 835,296	14,379	13,909	53	74	78 762	1 928,685	16 223,028	8,411	7,942
4	25	99 051	74 863,320	1 074 521,674	14,353	13,883	54	75	76 980	1 757,623	14 294,342	8,133	7,663
5	26	99 020	69 781,096	999 658,353	14,326	13,856	55	76	75 054	1 597,794	12 536,719	7,846	7,376
6	27	98 994	65 046,450	929 877,258	14,296	13,826	56	77	72 974	1 448,503	10 938,925	7,552	7,082
7	28	98 964	60 631,190	864 830,808	14,264	13,794	57	78	70 776	1 309,905	9 490,421	7,245	6,775
8	29	98 931	56 513,631	804 199,618	14,230	13,760	58	79	68 364	1 179,727	8 180,516	6,934	6,464
9	30	98 899	52 676,347	747 685,987	14,194	13,724	59	80	65 746	1 057,856	7 000,789	6,618	6,148
10	31	98 863	49 097,645	695 009,640	14,156	13,686	60	81	62 876	943,297	5 942,933	6,300	5,830
11	32	98 824	45 760,541	645 911,995	14,115	13,645	61	82	59 759	835,921	4 999,635	5,981	5,511
12	33	98 784	42 649,891	600 151,455	14,072	13,602	62	83	56 347	734,911	4 163,714	5,666	5,196
13	34	98 740	39 749,351	557 501,564	14,025	13,556	63	84	52 611	639,801	3 428,803	5,359	4,889
14	35	98 694	37 044,739	517 752,212	13,976	13,507	64	85	48 617	551,263	2 789,003	5,059	4,589
15	36	98 635	34 520,156	480 707,473	13,925	13,456	65	86	44 398	469,390	2 237,740	4,767	4,297
16	37	98 573	32 166,277	446 187,317	13,871	13,401	66	87	39 988	394,191	1 768,350	4,486	4,016
17	38	98 501	29 969,868	414 021,039	13,815	13,345	67	88	35 420	325,560	1 374,159	4,221	3,751
18	39	98 420	27 921,002	384 051,171	13,755	13,285	68	89	30 839	264,292	1 048,599	3,968	3,498
19	40	98 318	26 006,587	356 130,169	13,694	13,224	69	90	26 339	210,469	784,307	3,726	3,257
20	41	98 216	24 223,435	330 123,581	13,628	13,158	70	91	21 991	163,842	573,838	3,502	3,032
21	42	98 103	22 560,086	305 900,146	13,559	13,089	71	92	17 929	124,550	409,996	3,292	2,822
22	43	97 985	21 009,573	283 340,059	13,486	13,016	72	93	14 196	91,953	285,446	3,104	2,634
23	44	97 856	19 563,594	262 330,487	13,409	12,939	73	94	10 928	65,997	193,493	2,932	2,462
24	45	97 722	18 216,202	242 766,893	13,327	12,857	74	95	8 177	46,049	127,496	2,769	2,299
25	46	97 572	16 958,762	224 550,691	13,241	12,771	75	96	5 908	31,021	81,448	2,626	2,156
26	47	97 414	15 786,665	207 591,928	13,150	12,680	76	97	4 112	20,131	50,427	2,505	2,035
27	48	97 244	14 693,897	191 805,263	13,053	12,583	77	98	2 792	12,742	30,295	2,378	1,908
28	49	97 053	13 673,666	177 111,366	12,953	12,483	78	99	1 824	7,765	17,553	2,261	1,791
29	50	96 845	12 721,981	163 437,700	12,847	12,377	79	100	1 145	4,542	9,788	2,155	1,685
30	51	96 619	11 834,274	150 715,719	12,736	12,266							
31	52	96 367	11 005,560	138 881,445	12,619	12,149							
32	53	96 099	10 233,100	127 875,885	12,496	12,026							
33	54	95 803	9 511,889	117 642,785	12,368	11,898							
34	55	95 472	8 838,266	108 130,897	12,234	11,765							
35	56	95 108	8 209,385	99 292,631	12,095	11,625							
36	57	94 715	7 622,795	91 083,246	11,949	11,479							
37	58	94 276	7 074,550	83 460,451	11,797	11,327							
38	59	93 788	6 562,234	76 385,901	11,640	11,170							
39	60	93 259	6 084,089	69 823,667	11,476	11,007							
40	61	92 674	5 637,210	63 739,578	11,307	10,837							
41	62	92 042	5 220,310	58 102,368	11,130	10,660							
42	63	91 346	4 830,605	52 882,058	10,947	10,477							
43	64	90 600	4 467,284	48 051,453	10,756	10,286							
44	65	89 785	4 127,847	43 584,169	10,559	10,089							
45	66	88 911	3 811,346	39 456,322	10,352	9,882							
46	67	87 967	3 515,960	35 644,976	10,138	9,668							
47	68	86 964	3 240,907	32 129,016	9,914	9,444							
48	69	85 876	2 984,016	28 888,109	9,681	9,211							
49	70	84 662	2 742,957	25 904,093	9,444	8,974							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	1 430 975,314	14,384	13,914	50	72	82 202	2 483,232	22 304,442	8,982	8,512
1	23	99 132	92 430,989	1 331 489,587	14,405	13,935	51	73	80 713	2 273,429	19 821,210	8,719	8,249
2	24	99 092	86 147,820	1 239 058,598	14,383	13,913	52	74	79 078	2 076,814	17 547,781	8,449	7,979
3	25	99 063	80 300,430	1 152 910,778	14,357	13,888	53	75	77 329	1 893,599	15 470,967	8,170	7,700
4	26	99 032	74 848,766	1 072 610,348	14,330	13,860	54	76	75 432	1 722,260	13 577,368	7,883	7,414
5	27	99 003	69 768,658	997 761,583	14,301	13,831	55	77	73 391	1 562,405	11 855,109	7,588	7,118
6	28	98 973	65 032,807	927 992,924	14,270	13,800	56	78	71 227	1 413,828	10 292,704	7,280	6,810
7	29	98 940	60 616,760	862 960,118	14,236	13,766	57	79	68 850	1 274,266	8 878,875	6,968	6,498
8	30	98 906	56 499,685	802 343,358	14,201	13,731	58	80	66 257	1 143,382	7 604,609	6,651	6,181
9	31	98 871	52 661,451	745 843,673	14,163	13,693	59	81	63 427	1 020,554	6 461,227	6,331	5,861
10	32	98 831	49 081,835	693 182,222	14,123	13,653	60	82	60 335	905,173	5 440,673	6,011	5,541
11	33	98 791	45 745,170	644 100,386	14,080	13,610	61	83	56 950	796,631	4 535,499	5,693	5,223
12	34	98 749	42 634,954	598 355,217	14,034	13,564	62	84	53 236	694,347	3 738,868	5,385	4,915
13	35	98 703	39 734,175	555 720,263	13,986	13,516	63	85	49 255	598,989	3 044,521	5,083	4,613
14	36	98 647	37 027,442	515 986,088	13,935	13,465	64	86	45 034	510,638	2 445,532	4,789	4,319
15	37	98 588	34 503,695	478 958,646	13,881	13,411	65	87	40 611	429,361	1 934,894	4,506	4,037
16	38	98 523	32 150,035	444 454,951	13,824	13,355	66	88	36 025	355,129	1 505,533	4,239	3,770
17	39	98 446	29 953,262	412 304,915	13,765	13,295	67	89	31 407	288,672	1 150,404	3,985	3,515
18	40	98 356	27 902,836	382 351,654	13,703	13,233	68	90	26 867	230,250	861,732	3,743	3,273
19	41	98 256	25 990,122	354 448,818	13,638	13,168	69	91	22 464	179,505	631,482	3,518	3,048
20	42	98 144	24 205,681	328 458,696	13,569	13,100	70	92	18 342	136,656	451,977	3,307	2,838
21	43	98 024	22 541,884	304 253,015	13,497	13,027	71	93	14 559	101,141	315,321	3,118	2,648
22	44	97 897	20 990,754	281 711,131	13,421	12,951	72	94	11 223	72,692	214,179	2,946	2,476
23	45	97 763	19 545,090	260 720,377	13,339	12,870	73	95	8 420	50,854	141,487	2,782	2,312
24	46	97 617	18 196,608	241 175,287	13,254	12,784	74	96	6 098	34,341	90,633	2,639	2,169
25	47	97 457	16 938,680	222 978,679	13,164	12,694	75	97	4 258	22,356	56,293	2,518	2,048
26	48	97 287	15 766,152	206 039,999	13,069	12,599	76	98	2 900	14,198	33,936	2,390	1,920
27	49	97 097	14 671,605	190 273,847	12,969	12,499	77	99	1 901	8,677	19,738	2,275	1,805
28	50	96 890	13 650,639	175 602,242	12,864	12,394	78	100	1 198	5,100	11,061	2,169	1,699
29	51	96 666	12 698,523	161 951,603	12,754	12,284							
30	52	96 418	11 809,700	149 253,080	12,638	12,168							
31	53	96 155	10 981,299	137 443,381	12,516	12,046							
32	54	95 861	10 207,736	126 462,082	12,389	11,919							
33	55	95 539	9 485,690	116 254,345	12,256	11,786							
34	56	95 175	8 810,758	106 768,655	12,118	11,648							
35	57	94 786	8 181,625	97 957,897	11,973	11,503							
36	58	94 359	7 594,161	89 776,273	11,822	11,352							
37	59	93 882	7 045,024	82 182,111	11,665	11,195							
38	60	93 354	6 531,822	75 137,088	11,503	11,033							
39	61	92 781	6 052,897	68 605,266	11,334	10,864							
40	62	92 156	5 605,720	62 552,369	11,159	10,689							
41	63	91 478	5 188,351	56 946,650	10,976	10,506							
42	64	90 728	4 797,950	51 758,298	10,788	10,318							
43	65	89 929	4 434,187	46 960,349	10,591	10,121							
44	66	89 066	4 094,768	42 526,161	10,385	9,916							
45	67	88 133	3 777,967	38 431,394	10,173	9,703							
46	68	87 144	3 483,057	34 653,427	9,949	9,479							
47	69	86 077	3 207,837	31 170,369	9,717	9,247							
48	70	84 884	2 949,562	27 962,532	9,480	9,010							
49	71	83 599	2 708,528	25 012,970	9,235	8,765							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	1 428 867,369	14,365	13,895	50	73	80 973	2 446,113	21 411,942	8,753	8,284
1	24	99 116	92 415,871	1 329 398,333	14,385	13,915	51	74	79 362	2 235,381	18 965,829	8,484	8,014
2	25	99 076	86 133,668	1 236 982,462	14,361	13,891	52	75	77 640	2 039,032	16 730,448	8,205	7,735
3	26	99 043	80 284,818	1 150 848,794	14,335	13,865	53	76	75 774	1 855,499	14 691,416	7,918	7,448
4	27	99 014	74 835,425	1 070 563,976	14,306	13,836	54	77	73 761	1 684,114	12 835,916	7,622	7,152
5	28	98 982	69 754,024	995 728,551	14,275	13,805	55	78	71 635	1 525,003	11 151,803	7,313	6,843
6	29	98 949	65 017,329	925 974,527	14,242	13,772	56	79	69 289	1 375,362	9 626,799	6,999	6,530
7	30	98 916	60 601,802	860 957,197	14,207	13,737	57	80	66 729	1 235,008	8 251,438	6,681	6,211
8	31	98 878	56 483,708	800 355,395	14,170	13,700	58	81	63 921	1 103,065	7 016,429	6,361	5,891
9	32	98 839	52 644,494	743 871,687	14,130	13,660	59	82	60 864	979,308	5 913,365	6,038	5,568
10	33	98 798	49 065,348	691 227,194	14,088	13,618	60	83	57 499	862,628	4 934,056	5,720	5,250
11	34	98 756	45 729,148	642 161,845	14,043	13,573	61	84	53 806	752,660	4 071,428	5,409	4,939
12	35	98 711	42 618,676	596 432,697	13,995	13,525	62	85	49 841	650,056	3 318,768	5,105	4,635
13	36	98 657	39 715,622	553 814,021	13,944	13,475	63	86	45 625	554,847	2 668,712	4,810	4,340
14	37	98 600	37 009,785	514 098,399	13,891	13,421	64	87	41 194	467,092	2 113,865	4,526	4,056
15	38	98 538	34 486,273	477 088,614	13,834	13,364	65	88	36 587	386,814	1 646,773	4,257	3,787
16	39	98 469	32 132,221	442 602,341	13,774	13,305	66	89	31 943	314,891	1 259,959	4,001	3,531
17	40	98 382	29 933,773	410 470,120	13,713	13,243	67	90	27 361	251,490	945,068	3,758	3,288
18	41	98 293	27 885,170	380 536,347	13,647	13,177	68	91	22 914	196,376	693,578	3,532	3,062
19	42	98 184	25 971,073	352 651,178	13,579	13,109	69	92	18 737	149,720	497,203	3,321	2,851
20	43	98 065	24 186,150	326 680,105	13,507	13,037	70	93	14 894	110,972	347,482	3,131	2,661
21	44	97 936	22 521,693	302 493,954	13,431	12,961	71	94	11 510	79,956	236,510	2,958	2,488
22	45	97 804	20 970,900	279 972,261	13,351	12,881	72	95	8 648	56,013	156,554	2,795	2,325
23	46	97 658	19 524,066	259 001,361	13,266	12,796	73	96	6 279	37,924	100,541	2,651	2,181
24	47	97 501	18 175,060	239 477,295	13,176	12,706	74	97	4 395	24,749	62,617	2,530	2,060
25	48	97 330	16 916,670	221 302,236	13,082	12,612	75	98	3 003	15,767	37,868	2,402	1,932
26	49	97 140	15 742,233	204 385,565	12,983	12,513	76	99	1 975	9,668	22,101	2,286	1,816
27	50	96 933	14 646,897	188 643,332	12,879	12,410	77	100	1 248	5,699	12,433	2,182	1,712
28	51	96 711	13 625,468	173 996,435	12,770	12,300							
29	52	96 466	12 672,155	160 370,967	12,655	12,185							
30	53	96 205	11 783,666	147 698,812	12,534	12,064							
31	54	95 916	10 954,081	135 915,146	12,408	11,938							
32	55	95 597	10 179,621	124 961,065	12,276	11,806							
33	56	95 241	9 456,167	114 781,443	12,138	11,668							
34	57	94 853	8 780,963	105 325,276	11,995	11,525							
35	58	94 430	8 150,892	96 544,313	11,845	11,375							
36	59	93 965	7 562,467	88 393,421	11,688	11,219							
37	60	93 447	7 012,374	80 830,955	11,527	11,057							
38	61	92 875	6 498,334	73 818,581	11,360	10,890							
39	62	92 262	6 019,084	67 320,246	11,184	10,715							
40	63	91 592	5 571,402	61 301,162	11,003	10,533							
41	64	90 860	5 153,277	55 729,760	10,814	10,345							
42	65	90 056	4 762,403	50 576,483	10,620	10,150							
43	66	89 208	4 398,653	45 814,080	10,415	9,946							
44	67	88 286	4 058,907	41 415,427	10,204	9,734							
45	68	87 308	3 742,613	37 356,521	9,981	9,512							
46	69	86 255	3 447,516	33 613,908	9,750	9,280							
47	70	85 083	3 170,798	30 166,391	9,514	9,044							
48	71	83 819	2 912,540	26 995,593	9,269	8,799							
49	72	82 444	2 671,111	24 083,053	9,016	8,546							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	1 426 612,413	14,345	13,875	50	74	79 618	2 405,175	20 483,701	8,517	8,047
1	25	99 100	92 400,690	1 327 159,646	14,363	13,893	51	75	77 918	2 194,715	18 078,526	8,237	7,767
2	26	99 057	86 116,923	1 234 758,956	14,338	13,868	52	76	76 078	1 998,007	15 883,811	7,950	7,480
3	27	99 026	80 270,508	1 148 642,033	14,310	13,840	53	77	74 095	1 814,402	13 885,804	7,653	7,183
4	28	98 993	74 819,728	1 068 371,525	14,279	13,809	54	78	71 995	1 643,799	12 071,402	7,344	6,874
5	29	98 958	69 737,424	993 551,797	14,247	13,777	55	79	69 686	1 483,512	10 427,603	7,029	6,559
6	30	98 925	65 001,285	923 814,374	14,212	13,742	56	80	67 155	1 332,989	8 944,091	6,710	6,240
7	31	98 888	60 584,665	858 813,088	14,175	13,706	57	81	64 376	1 191,460	7 611,102	6,388	5,918
8	32	98 847	56 465,520	798 228,424	14,137	13,667	58	82	61 338	1 058,484	6 419,642	6,065	5,595
9	33	98 806	52 626,810	741 762,904	14,095	13,625	59	83	58 003	933,279	5 361,159	5,744	5,275
10	34	98 763	49 048,164	689 136,093	14,050	13,580	60	84	54 325	815,015	4 427,880	5,433	4,963
11	35	98 718	45 711,689	640 087,929	14,003	13,533	61	85	50 374	704,649	3 612,865	5,127	4,657
12	36	98 665	42 598,776	594 376,240	13,953	13,483	62	86	46 168	602,151	2 908,216	4,830	4,360
13	37	98 610	39 696,683	551 777,464	13,900	13,430	63	87	41 734	507,531	2 306,065	4,544	4,074
14	38	98 551	36 991,098	512 080,781	13,843	13,373	64	88	37 111	420,805	1 798,534	4,274	3,804
15	39	98 484	34 467,164	475 089,683	13,784	13,314	65	89	32 442	342,986	1 377,729	4,017	3,547
16	40	98 404	32 111,314	440 622,519	13,722	13,252	66	90	27 829	274,331	1 034,742	3,772	3,302
17	41	98 320	29 914,821	408 511,205	13,656	13,186	67	91	23 336	214,491	760,411	3,545	3,075
18	42	98 221	27 864,731	378 596,384	13,587	13,117	68	92	19 112	163,792	545,920	3,333	2,863
19	43	98 104	25 950,118	350 731,653	13,516	13,046	69	93	15 215	121,581	382,128	3,143	2,673
20	44	97 977	24 164,487	324 781,535	13,440	12,971	70	94	11 775	87,728	260,547	2,970	2,500
21	45	97 844	22 500,391	300 617,048	13,361	12,891	71	95	8 869	61,610	172,819	2,805	2,335
22	46	97 699	20 948,343	278 116,657	13,276	12,806	72	96	6 449	41,771	111,209	2,662	2,192
23	47	97 542	19 500,946	257 168,314	13,187	12,718	73	97	4 525	27,331	69,438	2,541	2,071
24	48	97 375	18 151,443	237 667,369	13,094	12,624	74	98	3 100	17,454	42,107	2,412	1,942
25	49	97 182	16 891,006	219 515,925	12,996	12,526	75	99	2 045	10,737	24,652	2,296	1,826
26	50	96 976	15 715,723	202 624,919	12,893	12,423	76	100	1 297	6,350	13,915	2,192	1,722
27	51	96 755	14 619,890	186 909,197	12,785	12,315							
28	52	96 510	13 597,175	172 289,307	12,671	12,201							
29	53	96 253	12 644,220	158 692,132	12,551	12,081							
30	54	95 967	11 754,459	146 047,913	12,425	11,955							
31	55	95 652	10 923,910	134 293,453	12,294	11,824							
32	56	95 300	10 147,939	123 369,543	12,157	11,687							
33	57	94 919	9 424,190	113 221,604	12,014	11,544							
34	58	94 497	8 747,979	103 797,414	11,865	11,395							
35	59	94 036	8 116,874	95 049,435	11,710	11,240							
36	60	93 530	7 527,419	86 932,561	11,549	11,079							
37	61	92 968	6 976,423	79 405,142	11,382	10,912							
38	62	92 356	6 462,033	72 428,719	11,208	10,738							
39	63	91 698	5 982,236	65 966,686	11,027	10,557							
40	64	90 973	5 533,738	59 984,450	10,840	10,370							
41	65	90 187	5 115,098	54 450,712	10,645	10,175							
42	66	89 334	4 724,238	49 335,614	10,443	9,973							
43	67	88 427	4 360,131	44 611,376	10,232	9,762							
44	68	87 460	4 020,924	40 251,246	10,010	9,541							
45	69	86 417	3 704,423	36 230,322	9,780	9,310							
46	70	85 259	3 407,710	32 525,898	9,545	9,075							
47	71	84 015	3 130,999	29 118,188	9,300	8,830							
48	72	82 661	2 872,305	25 987,189	9,048	8,578							
49	73	81 212	2 631,184	23 114,884	8,785	8,315							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	1 424 199,417	14,323	13,853	50	75	78 170	2 361,420	19 521,413	8,267	7,797
1	26	99 080	92 382,726	1 324 762,988	14,340	13,870	51	76	76 351	2 150,557	17 159,993	7,979	7,509
2	27	99 039	86 101,573	1 232 380,261	14,313	13,843	52	77	74 393	1 953,754	15 009,436	7,682	7,212
3	28	99 005	80 253,672	1 146 278,688	14,283	13,813	53	78	72 322	1 770,968	13 055,683	7,372	6,902
4	29	98 970	74 801,922	1 066 025,016	14,251	13,781	54	79	70 036	1 599,075	11 284,714	7,057	6,587
5	30	98 934	69 720,215	991 223,095	14,217	13,747	55	80	67 539	1 437,807	9 685,639	6,736	6,266
6	31	98 897	64 982,904	921 502,880	14,181	13,711	56	81	64 787	1 285,986	8 247,832	6,414	5,944
7	32	98 856	60 565,156	856 519,976	14,142	13,672	57	82	61 774	1 143,307	6 961,846	6,089	5,619
8	33	98 813	56 446,553	795 954,820	14,101	13,631	58	83	58 455	1 008,733	5 818,539	5,768	5,298
9	34	98 771	52 608,379	739 508,267	14,057	13,587	59	84	54 802	881,766	4 809,807	5,455	4,985
10	35	98 726	49 029,438	686 899,888	14,010	13,540	60	85	50 860	763,027	3 928,041	5,148	4,678
11	36	98 672	45 690,345	637 870,450	13,961	13,491	61	86	46 662	652,721	3 165,015	4,849	4,379
12	37	98 618	42 578,462	592 180,106	13,908	13,438	62	87	42 231	550,800	2 512,293	4,561	4,091
13	38	98 560	39 676,639	549 601,643	13,852	13,382	63	88	37 599	457,237	1 961,493	4,290	3,820
14	39	98 496	36 970,601	509 925,004	13,793	13,323	64	89	32 907	373,126	1 504,256	4,031	3,562
15	40	98 420	34 444,738	472 954,404	13,731	13,261	65	90	28 263	298,808	1 131,130	3,785	3,316
16	41	98 342	32 090,984	438 509,666	13,665	13,195	66	91	23 735	233,972	832,322	3,557	3,087
17	42	98 248	29 892,895	406 418,682	13,596	13,126	67	92	19 464	178,901	598,350	3,345	2,875
18	43	98 142	27 842,249	376 525,787	13,524	13,054	68	93	15 520	133,008	419,448	3,154	2,684
19	44	98 016	25 926,874	348 683,538	13,449	12,979	69	94	12 028	96,115	286,441	2,980	2,510
20	45	97 884	24 141,631	322 756,664	13,369	12,899	70	95	9 073	67,598	190,326	2,816	2,346
21	46	97 739	22 476,188	298 615,033	13,286	12,816	71	96	6 614	45,945	122,728	2,671	2,201
22	47	97 583	20 923,536	276 138,844	13,198	12,728	72	97	4 648	30,104	76,782	2,551	2,081
23	48	97 416	19 475,607	255 215,309	13,104	12,634	73	98	3 192	19,276	46,678	2,422	1,952
24	49	97 227	18 123,906	235 739,702	13,007	12,537	74	99	2 111	11,886	27,403	2,305	1,836
25	50	97 019	16 862,560	217 615,796	12,905	12,435	75	100	1 343	7,051	15,517	2,200	1,731
26	51	96 797	15 686,744	200 753,236	12,798	12,328							
27	52	96 554	14 589,531	185 066,492	12,685	12,215							
28	53	96 297	13 567,201	170 476,960	12,565	12,095							
29	54	96 014	12 612,880	156 909,759	12,440	11,971							
30	55	95 703	11 722,084	144 296,879	12,310	11,840							
31	56	95 354	10 889,911	132 574,795	12,174	11,704							
32	57	94 977	10 113,622	121 684,884	12,032	11,562							
33	58	94 563	9 388,790	111 571,261	11,883	11,414							
34	59	94 102	8 711,469	102 182,471	11,730	11,260							
35	60	93 600	8 079,256	93 471,002	11,569	11,099							
36	61	93 050	7 488,827	85 391,746	11,403	10,933							
37	62	92 449	6 937,451	77 902,919	11,229	10,759							
38	63	91 791	6 422,473	70 965,467	11,050	10,580							
39	64	91 078	5 941,795	64 542,994	10,863	10,393							
40	65	90 299	5 492,740	58 601,199	10,669	10,199							
41	66	89 464	5 074,107	53 108,459	10,467	9,997							
42	67	88 552	4 682,864	48 034,353	10,257	9,788							
43	68	87 599	4 319,329	43 351,488	10,037	9,567							
44	69	86 567	3 979,894	39 032,159	9,807	9,337							
45	70	85 419	3 661,651	35 052,265	9,573	9,103							
46	71	84 189	3 364,938	31 390,614	9,329	8,859							
47	72	82 854	3 087,746	28 025,676	9,076	8,607							
48	73	81 425	2 829,370	24 937,930	8,814	8,344							
49	74	79 853	2 587,148	22 108,561	8,546	8,076							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	2 850,433	33 775,155	11,849	11,379
1	0	99 661	92 924,384	1 354 781,516	14,579	14,109	51	50	93 896	2 644,745	30 924,722	11,693	11,223
2	1	99 349	86 371,344	1 261 857,131	14,610	14,140	52	51	93 387	2 452,609	28 279,977	11,531	11,061
3	2	99 314	80 504,100	1 175 485,787	14,602	14,132	53	52	92 821	2 272,947	25 827,368	11,363	10,893
4	3	99 289	75 043,338	1 094 981,687	14,591	14,121	54	53	92 198	2 105,081	23 554,421	11,189	10,719
5	4	99 268	69 955,519	1 019 938,349	14,580	14,110	55	54	91 509	1 948,109	21 449,340	11,010	10,540
6	5	99 250	65 214,660	949 982,830	14,567	14,097	56	55	90 738	1 801,114	19 501,231	10,827	10,357
7	6	99 234	60 796,603	884 768,170	14,553	14,083	57	56	89 883	1 663,530	17 700,117	10,640	10,170
8	7	99 217	56 677,162	823 971,567	14,538	14,068	58	57	88 946	1 534,904	16 036,586	10,448	9,978
9	8	99 205	52 839,297	767 294,405	14,521	14,051	59	58	87 927	1 414,757	14 501,683	10,250	9,780
10	9	99 190	49 259,905	714 455,107	14,504	14,034	60	59	86 799	1 302,201	13 086,925	10,050	9,580
11	10	99 177	45 924,120	665 195,202	14,485	14,015	61	60	85 572	1 196,999	11 784,724	9,845	9,375
12	11	99 165	42 814,333	619 271,082	14,464	13,994	62	61	84 231	1 098,599	10 587,725	9,637	9,168
13	12	99 148	39 913,539	576 456,729	14,443	13,973	63	62	82 776	1 006,641	9 489,126	9,427	8,957
14	13	99 133	37 209,611	536 543,190	14,419	13,950	64	63	81 204	920,762	8 482,485	9,212	8,743
15	14	99 113	34 687,248	499 333,579	14,395	13,925	65	64	79 515	840,664	7 561,722	8,995	8,525
16	15	99 088	32 334,412	464 646,332	14,370	13,900	66	65	77 714	766,084	6 721,058	8,773	8,303
17	16	99 054	30 138,253	432 311,919	14,344	13,874	67	66	75 796	696,670	5 954,974	8,548	8,078
18	17	99 015	28 089,851	402 173,667	14,317	13,848	68	67	73 774	632,245	5 258,304	8,317	7,847
19	18	98 964	26 177,499	374 083,816	14,290	13,820	69	68	71 648	572,521	4 626,058	8,080	7,610
20	19	98 908	24 394,114	347 906,318	14,262	13,792	70	69	69 422	517,232	4 053,537	7,837	7,367
21	20	98 851	22 731,973	323 512,203	14,232	13,762	71	70	67 076	465,969	3 536,305	7,589	7,119
22	21	98 795	21 183,272	300 780,231	14,199	13,729	72	71	64 582	418,318	3 070,336	7,340	6,870
23	22	98 737	19 739,670	279 596,959	14,164	13,694	73	72	62 016	374,541	2 652,019	7,081	6,611
24	23	98 678	18 394,466	259 857,289	14,127	13,657	74	73	59 328	334,085	2 277,477	6,817	6,347
25	24	98 617	17 140,357	241 462,823	14,087	13,617	75	74	56 516	296,737	1 943,392	6,549	6,079
26	25	98 557	15 972,002	224 322,465	14,045	13,575	76	75	53 588	262,343	1 646,656	6,277	5,807
27	26	98 495	14 882,853	208 350,463	13,999	13,529	77	76	50 543	230,712	1 384,312	6,000	5,530
28	27	98 433	13 868,073	193 467,610	13,951	13,481	78	77	47 434	201,882	1 153,600	5,714	5,244
29	28	98 367	12 921,912	179 599,537	13,899	13,429	79	78	44 228	175,513	951,718	5,422	4,953
30	29	98 295	12 039,593	166 677,625	13,844	13,374	80	79	40 896	151,320	776,205	5,130	4,660
31	30	98 219	11 217,031	154 638,032	13,786	13,316	81	80	37 425	129,116	624,885	4,840	4,370
32	31	98 135	10 449,815	143 421,001	13,725	13,255	82	81	33 859	108,918	495,769	4,552	4,082
33	32	98 043	9 734,329	132 971,186	13,660	13,190	83	82	30 236	90,688	386,850	4,266	3,796
34	33	97 941	9 066,888	123 236,856	13,592	13,122	84	83	26 539	74,217	296,162	3,990	3,521
35	34	97 838	8 445,075	114 169,969	13,519	13,049	85	84	22 828	59,524	221,945	3,729	3,259
36	35	97 727	7 865,247	105 724,894	13,442	12,972	86	85	19 194	46,665	162,421	3,481	3,011
37	36	97 595	7 323,666	97 859,648	13,362	12,892	87	86	15 740	35,682	115,756	3,244	2,774
38	37	97 451	6 818,528	90 535,982	13,278	12,808	88	87	12 540	26,506	80,074	3,021	2,551
39	38	97 303	6 347,935	83 717,454	13,188	12,718	89	88	9 640	18,998	53,568	2,820	2,350
40	39	97 137	5 908,711	77 369,519	13,094	12,624	90	89	7 136	13,112	34,570	2,636	2,167
41	40	96 954	5 498,889	71 460,809	12,995	12,526	91	90	5 077	8,698	21,458	2,467	1,997
42	41	96 752	5 116,490	65 961,919	12,892	12,422	92	91	3 461	5,529	12,760	2,308	1,838
43	42	96 544	4 760,379	60 845,430	12,782	12,312	93	92	2 240	3,337	7,231	2,167	1,697
44	43	96 312	4 427,929	56 085,050	12,666	12,196	94	93	1 374	1,908	3,895	2,042	1,572
45	44	96 059	4 117,755	51 657,122	12,545	12,075	95	94	793	1,027	1,987	1,936	1,466
46	45	95 788	3 828,558	47 539,367	12,417	11,947	96	95	433	0,523	0,961	1,837	1,367
47	46	95 488	3 558,556	43 710,809	12,283	11,813	97	96	221	0,249	0,438	1,755	1,285
48	47	95 152	3 306,345	40 152,253	12,144	11,674	98	97	106	0,112	0,188	1,685	1,215
49	48	94 779	3 070,753	36 845,908	11,999	11,529	99	98	49	0,048	0,077	1,607	1,137
							100	99	21	0,019	0,029	1,544	1,074

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	2 854,764	33 968,890	11,899	11,429
1							51	49	94 054	2 649,206	31 114,126	11,745	11,275
2	0	99 637	86 621,843	1 262 480,850	14,575	14,105	52	50	93 560	2 457,140	28 464,920	11,585	11,115
3	1	99 336	80 522,009	1 175 859,007	14,603	14,133	53	51	93 014	2 277,677	26 007,780	11,419	10,949
4	2	99 302	75 053,200	1 095 336,998	14,594	14,124	54	52	92 402	2 109,732	23 730,103	11,248	10,778
5	3	99 278	69 962,495	1 020 283,797	14,583	14,113	55	53	91 737	1 952,949	21 620,371	11,071	10,601
6	4	99 259	65 220,664	950 321,303	14,571	14,101	56	54	90 989	1 806,089	19 667,422	10,890	10,420
7	5	99 241	60 800,734	885 100,639	14,557	14,088	57	55	90 163	1 668,724	17 861,333	10,704	10,234
8	6	99 224	56 681,301	824 299,905	14,543	14,073	58	56	89 247	1 540,112	16 192,609	10,514	10,044
9	7	99 210	52 841,814	767 618,604	14,527	14,057	59	57	88 259	1 420,092	14 652,497	10,318	9,848
10	8	99 197	49 263,456	714 776,790	14,509	14,039	60	58	87 163	1 307,658	13 232,406	10,119	9,649
11	9	99 182	45 926,561	665 513,334	14,491	14,021	61	59	85 970	1 202,573	11 924,747	9,916	9,446
12	10	99 170	42 816,733	619 586,773	14,471	14,001	62	60	84 665	1 104,261	10 722,175	9,710	9,240
13	11	99 156	39 916,608	576 770,040	14,449	13,979	63	61	83 241	1 012,296	9 617,914	9,501	9,031
14	12	99 139	37 211,962	536 853,432	14,427	13,957	64	62	81 704	926,434	8 605,618	9,289	8,819
15	13	99 121	34 689,990	499 641,469	14,403	13,933	65	63	80 056	846,386	7 679,184	9,073	8,603
16	14	99 097	32 337,395	464 951,479	14,378	13,908	66	64	78 294	771,803	6 832,798	8,853	8,383
17	15	99 066	30 141,742	432 614,084	14,353	13,883	67	65	76 408	702,298	6 060,996	8,630	8,160
18	16	99 028	28 093,442	402 472,342	14,326	13,856	68	66	74 426	637,831	5 358,698	8,401	7,932
19	17	98 977	26 180,893	374 378,900	14,300	13,830	69	67	72 325	577,929	4 720,866	8,169	7,699
20	18	98 924	24 398,075	348 198,007	14,272	13,803	70	68	70 138	522,565	4 142,937	7,928	7,458
21	19	98 867	22 735,710	323 799,932	14,242	13,772	71	69	67 859	471,412	3 620,373	7,680	7,210
22	20	98 811	21 186,740	301 064,223	14,210	13,740	72	70	65 403	423,635	3 148,961	7,433	6,963
23	21	98 753	19 743,022	279 877,483	14,176	13,706	73	71	62 885	379,788	2 725,326	7,176	6,706
24	22	98 695	18 397,533	260 134,460	14,140	13,670	74	72	60 228	339,155	2 345,538	6,916	6,446
25	23	98 633	17 143,161	241 736,908	14,101	13,631	75	73	57 478	301,787	2 006,383	6,648	6,178
26	24	98 574	15 974,626	224 593,747	14,059	13,590	76	74	54 581	267,205	1 704,596	6,379	5,909
27	25	98 514	14 885,747	208 619,120	14,015	13,545	77	75	51 581	235,449	1 437,391	6,105	5,635
28	26	98 451	13 870,545	193 733,373	13,967	13,497	78	76	48 508	206,455	1 201,942	5,822	5,352
29	27	98 387	12 924,623	179 862,828	13,916	13,446	79	77	45 313	179,817	995,487	5,536	5,066
30	28	98 318	12 042,459	166 938,205	13,862	13,393	80	78	42 040	155,552	815,669	5,244	4,774
31	29	98 243	11 219,800	154 895,745	13,806	13,336	81	79	38 615	133,220	660,117	4,955	4,485
32	30	98 162	10 452,771	143 675,946	13,745	13,275	82	80	35 097	112,899	526,897	4,667	4,197
33	31	98 075	9 737,465	133 223,175	13,682	13,212	83	81	31 510	94,508	413,997	4,381	3,911
34	32	97 974	9 069,934	123 485,710	13,615	13,145	84	82	27 848	77,878	319,490	4,102	3,633
35	33	97 873	8 448,033	114 415,776	13,543	13,074	85	83	24 161	63,001	241,612	3,835	3,365
36	34	97 764	7 868,251	105 967,742	13,468	12,998	86	84	20 501	49,844	178,611	3,583	3,113
37	35	97 641	7 327,087	98 099,492	13,389	12,919	87	85	16 993	38,521	128,767	3,343	2,873
38	36	97 498	6 821,781	90 772,405	13,306	12,836	88	86	13 709	28,977	90,246	3,114	2,644
39	37	97 352	6 351,142	83 950,624	13,218	12,748	89	87	10 700	21,088	61,269	2,905	2,436
40	38	97 191	5 911,987	77 599,482	13,126	12,656	90	88	8 047	14,788	40,181	2,717	2,247
41	39	97 017	5 502,469	71 687,496	13,028	12,558	91	89	5 827	9,984	25,393	2,543	2,074
42	40	96 813	5 119,731	66 185,027	12,927	12,458	92	90	4 058	6,482	15,409	2,377	1,907
43	41	96 615	4 763,871	61 065,296	12,818	12,349	93	91	2 686	4,001	8,927	2,231	1,762
44	42	96 390	4 431,504	56 301,424	12,705	12,235	94	92	1 691	2,349	4,927	2,097	1,627
45	43	96 145	4 121,446	51 869,920	12,585	12,115	95	93	1 003	1,299	2,577	1,985	1,515
46	44	95 879	3 832,183	47 748,474	12,460	11,990	96	94	562	0,679	1,279	1,884	1,414
47	45	95 590	3 562,388	43 916,291	12,328	11,858	97	95	297	0,334	0,600	1,795	1,325
48	46	95 265	3 310,265	40 353,903	12,191	11,721	98	96	148	0,155	0,266	1,715	1,245
49	47	94 902	3 074,748	37 043,639	12,048	11,578	99	97	69	0,068	0,111	1,641	1,171
							100	98	30	0,027	0,043	1,575	1,105

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	2 858,479	34 146,512	11,946	11,476
1							51	48	94 197	2 653,232	31 288,033	11,792	11,323
2							52	49	93 718	2 461,285	28 634,801	11,634	11,164
3	0	99 624	80 755,544	1 176 433,688	14,568	14,098	53	50	93 186	2 281,884	26 173,517	11,470	11,000
4	1	99 324	75 069,897	1 095 678,144	14,595	14,126	54	51	92 594	2 114,122	23 891,632	11,301	10,831
5	2	99 291	69 971,689	1 020 608,247	14,586	14,116	55	52	91 939	1 957,264	21 777,510	11,127	10,657
6	3	99 269	65 227,167	950 636,558	14,574	14,104	56	53	91 215	1 810,576	19 820,247	10,947	10,477
7	4	99 250	60 806,332	885 409,391	14,561	14,091	57	54	90 412	1 673,333	18 009,670	10,763	10,293
8	5	99 231	56 685,152	824 603,060	14,547	14,077	58	55	89 526	1 544,920	16 336,337	10,574	10,104
9	6	99 217	52 845,673	767 917,907	14,531	14,061	59	56	88 558	1 424,910	14 791,417	10,381	9,911
10	7	99 202	49 265,802	715 072,235	14,515	14,045	60	57	87 492	1 312,589	13 366,507	10,183	9,713
11	8	99 189	45 929,871	665 806,433	14,496	14,026	61	58	86 330	1 207,613	12 053,918	9,982	9,512
12	9	99 175	42 819,009	619 876,561	14,477	14,007	62	59	85 059	1 109,402	10 846,305	9,777	9,307
13	10	99 161	39 918,828	577 057,552	14,456	13,986	63	60	83 670	1 017,512	9 736,903	9,569	9,099
14	11	99 147	37 214,824	537 138,725	14,433	13,964	64	61	82 163	931,638	8 719,391	9,359	8,889
15	12	99 127	34 692,182	499 923,900	14,410	13,940	65	62	80 549	851,599	7 787,753	9,145	8,675
16	13	99 105	32 339,952	465 231,718	14,386	13,916	66	63	78 827	777,056	6 936,153	8,926	8,456
17	14	99 075	30 144,523	432 891,767	14,361	13,891	67	64	76 979	707,540	6 159,098	8,705	8,235
18	15	99 039	28 096,695	402 747,244	14,334	13,864	68	65	75 027	642,984	5 451,558	8,479	8,009
19	16	98 989	26 184,240	374 650,549	14,308	13,838	69	66	72 964	583,035	4 808,574	8,247	7,778
20	17	98 937	24 401,238	348 466,309	14,281	13,811	70	67	70 800	527,501	4 225,538	8,017	7,541
21	18	98 883	22 739,401	324 065,070	14,251	13,781	71	68	68 559	476,272	3 698,037	7,765	7,295
22	19	98 827	21 190,223	301 325,669	14,220	13,750	72	69	66 167	428,583	3 221,766	7,517	7,047
23	20	98 769	19 746,254	280 135,446	14,187	13,717	73	70	63 684	384,616	2 793,182	7,262	6,792
24	21	98 712	18 400,677	260 389,192	14,151	13,681	74	71	61 072	343,906	2 408,567	7,004	6,534
25	22	98 650	17 146,038	241 988,515	14,113	13,643	75	72	58 350	306,367	2 064,661	6,739	6,269
26	23	98 590	15 977,239	224 842,477	14,073	13,603	76	73	55 510	271,753	1 758,294	6,470	6,000
27	24	98 530	14 888,193	208 865,238	14,029	13,559	77	74	52 537	239,812	1 486,542	6,199	5,729
28	25	98 470	13 873,242	193 977,045	13,982	13,512	78	75	49 504	210,694	1 246,730	5,917	5,447
29	26	98 405	12 926,927	180 103,803	13,932	13,463	79	76	46 339	183,890	1 036,035	5,634	5,164
30	27	98 339	12 044,986	167 176,875	13,879	13,409	80	77	43 071	159,367	852,145	5,347	4,877
31	28	98 266	11 222,471	155 131,889	13,823	13,353	81	78	39 695	136,946	692,778	5,059	4,589
32	29	98 187	10 455,351	143 909,419	13,764	13,294	82	79	36 213	116,488	555,832	4,772	4,302
33	30	98 102	9 740,219	133 454,068	13,701	13,231	83	80	32 661	97,962	439,343	4,485	4,015
34	31	98 006	9 072,856	123 713,849	13,636	13,166	84	81	29 020	81,158	341,381	4,206	3,736
35	32	97 905	8 450,872	114 640,993	13,566	13,096	85	82	25 353	66,109	260,224	3,936	3,466
36	33	97 799	7 871,007	106 190,121	13,491	13,021	86	83	21 699	52,756	194,115	3,679	3,210
37	34	97 678	7 329,885	98 319,114	13,413	12,944	87	84	18 150	41,145	141,359	3,436	2,966
38	35	97 543	6 824,968	90 989,228	13,332	12,862	88	85	14 800	31,282	100,214	3,204	2,734
39	36	97 399	6 354,172	84 164,261	13,246	12,776	89	86	11 698	23,054	68,931	2,990	2,520
40	37	97 240	5 914,973	77 810,089	13,155	12,685	90	87	8 933	16,414	45,877	2,795	2,325
41	38	97 071	5 505,520	71 895,116	13,059	12,589	91	88	6 572	11,260	29,463	2,617	2,147
42	39	96 876	5 123,064	66 389,596	12,959	12,489	92	89	4 658	7,441	18,204	2,446	1,977
43	40	96 676	4 766,889	61 266,532	12,853	12,383	93	90	3 149	4,691	10,763	2,295	1,825
44	41	96 461	4 434,755	56 499,642	12,740	12,270	94	91	2 028	2,816	6,072	2,156	1,686
45	42	96 223	4 124,774	52 064,888	12,622	12,153	95	92	1 235	1,599	3,256	2,036	1,566
46	43	95 965	3 835,618	47 940,113	12,499	12,029	96	93	711	0,859	1,657	1,929	1,459
47	44	95 681	3 565,761	44 104,495	12,369	11,899	97	94	385	0,434	0,798	1,840	1,370
48	45	95 368	3 313,829	40 538,734	12,233	11,763	98	95	198	0,208	0,364	1,752	1,282
49	46	95 015	3 078,394	37 224,905	12,092	11,622	99	96	96	0,094	0,156	1,668	1,199
							100	97	43	0,039	0,063	1,606	1,136

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	2 861,868	34 309,215	11,988	11,519
1							51	47	94 320	2 656,684	31 447,348	11,837	11,367
2							52	48	93 860	2 465,024	28 790,664	11,680	11,210
3							53	49	93 343	2 285,734	26 325,639	11,517	11,047
4	0	99 612	75 287,619	1 096 207,549	14,560	14,090	54	50	92 765	2 118,027	24 039,906	11,350	10,880
5	1	99 313	69 987,255	1 020 919,930	14,587	14,117	55	51	92 131	1 961,337	21 921,879	11,177	10,707
6	2	99 282	65 235,739	950 932,675	14,577	14,107	56	52	91 416	1 814,577	19 960,542	11,000	10,530
7	3	99 260	60 812,395	885 696,936	14,564	14,095	57	53	90 637	1 677,491	18 145,965	10,817	10,347
8	4	99 240	56 690,371	824 884,541	14,551	14,081	58	54	89 773	1 549,187	16 468,475	10,630	10,161
9	5	99 224	52 849,263	768 194,171	14,536	14,066	59	55	88 835	1 429,359	14 919,288	10,438	9,968
10	6	99 209	49 269,399	715 344,907	14,519	14,049	60	56	87 789	1 317,043	13 489,929	10,243	9,773
11	7	99 194	45 932,059	666 075,508	14,501	14,031	61	57	86 656	1 212,166	12 172,886	10,042	9,572
12	8	99 183	42 822,095	620 143,449	14,482	14,012	62	58	85 416	1 114,052	10 960,720	9,839	9,369
13	9	99 167	39 920,950	577 321,354	14,462	13,992	63	59	84 060	1 022,250	9 846,669	9,632	9,162
14	10	99 152	37 216,893	537 400,404	14,440	13,970	64	60	82 586	936,439	8 824,419	9,423	8,953
15	11	99 134	34 694,850	500 183,511	14,417	13,947	65	61	81 001	856,383	7 887,979	9,211	8,741
16	12	99 111	32 341,996	465 488,660	14,393	13,923	66	62	79 312	781,842	7 031,596	8,994	8,524
17	13	99 082	30 146,906	433 146,665	14,368	13,898	67	63	77 503	712,356	6 249,754	8,773	8,303
18	14	99 048	28 099,287	402 999,759	14,342	13,872	68	64	75 587	647,783	5 537,399	8,548	8,078
19	15	99 001	26 187,272	374 900,472	14,316	13,846	69	65	73 553	587,745	4 889,615	8,319	7,849
20	16	98 949	24 404,358	348 713,200	14,289	13,819	70	66	71 426	532,162	4 301,870	8,084	7,614
21	17	98 896	22 742,349	324 308,842	14,260	13,790	71	67	69 206	480,771	3 769,708	7,841	7,371
22	18	98 843	21 193,663	301 566,492	14,229	13,759	72	68	66 849	433,002	3 288,938	7,596	7,126
23	19	98 786	19 749,501	280 372,829	14,196	13,727	73	69	64 428	389,108	2 855,936	7,340	6,870
24	20	98 728	18 403,690	260 623,329	14,161	13,692	74	70	61 848	348,277	2 466,828	7,083	6,613
25	21	98 667	17 148,950	242 219,639	14,124	13,655	75	71	59 167	310,659	2 118,551	6,820	6,350
26	22	98 606	15 979,920	225 070,690	14,085	13,615	76	72	56 352	275,876	1 807,892	6,553	6,083
27	23	98 546	14 890,628	209 090,769	14,042	13,572	77	73	53 431	243,894	1 532,016	6,281	5,812
28	24	98 486	13 875,522	194 200,141	13,996	13,526	78	74	50 422	214,598	1 288,122	6,002	5,533
29	25	98 424	12 929,441	180 324,619	13,947	13,477	79	75	47 290	187,666	1 073,523	5,720	5,250
30	26	98 356	12 047,133	167 395,178	13,895	13,425	80	76	44 046	162,977	885,857	5,435	4,966
31	27	98 287	11 224,825	155 348,045	13,840	13,370	81	77	40 668	140,305	722,880	5,152	4,682
32	28	98 210	10 457,840	144 123,220	13,781	13,311	82	78	37 226	119,746	582,576	4,865	4,395
33	29	98 127	9 742,623	133 665,381	13,720	13,250	83	79	33 700	101,076	462,829	4,579	4,109
34	30	98 034	9 075,422	123 922,757	13,655	13,185	84	80	30 081	84,124	361,753	4,300	3,830
35	31	97 937	8 453,594	114 847,335	13,586	13,116	85	81	26 421	68,893	277,629	4,030	3,560
36	32	97 832	7 873,652	106 393,741	13,513	13,043	86	82	22 769	55,358	208,736	3,771	3,301
37	33	97 712	7 332,453	98 520,089	13,436	12,966	87	83	19 211	43,549	153,378	3,522	3,052
38	34	97 581	6 827,574	91 187,635	13,356	12,886	88	84	15 808	33,414	109,829	3,287	2,817
39	35	97 444	6 357,140	84 360,061	13,270	12,800	89	85	12 628	24,888	76,415	3,070	2,600
40	36	97 286	5 917,795	78 002,921	13,181	12,711	90	86	9 765	17,945	51,528	2,871	2,402
41	37	97 120	5 508,301	72 085,126	13,087	12,617	91	87	7 295	12,498	33,583	2,687	2,217
42	38	96 930	5 125,905	66 576,824	12,988	12,518	92	88	5 253	8,392	21,085	2,513	2,043
43	39	96 739	4 769,993	61 450,920	12,883	12,413	93	89	3 615	5,384	12,693	2,358	1,888
44	40	96 522	4 437,564	56 680,927	12,773	12,303	94	90	2 378	3,302	7,309	2,213	1,743
45	41	96 294	4 127,800	52 243,363	12,656	12,187	95	91	1 481	1,917	4,007	2,090	1,620
46	42	96 042	3 838,716	48 115,563	12,534	12,064	96	92	876	1,057	2,090	1,976	1,507
47	43	95 767	3 568,957	44 276,847	12,406	11,936	97	93	487	0,549	1,032	1,881	1,411
48	44	95 458	3 316,966	40 707,890	12,273	11,803	98	94	257	0,270	0,484	1,793	1,323
49	45	95 117	3 081,708	37 390,924	12,133	11,663	99	95	128	0,126	0,214	1,702	1,233
							100	96	59	0,054	0,088	1,631	1,161

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	2 864,949	34 458,130	12,027	11,558
1							51	46	94 431	2 659,833	31 593,181	11,878	11,408
2							52	47	93 982	2 468,232	28 933,348	11,722	11,252
3							53	48	93 485	2 289,207	26 465,116	11,561	11,091
4							54	49	92 922	2 121,600	24 175,909	11,395	10,925
5	0	99 601	70 190,236	1 021 407,560	14,552	14,082	55	50	92 301	1 964,960	22 054,309	11,224	10,754
6	1	99 304	65 250,251	951 217,323	14,578	14,108	56	51	91 607	1 818,352	20 089,349	11,048	10,578
7	2	99 273	60 820,387	885 967,072	14,567	14,097	57	52	90 837	1 681,197	18 270,997	10,868	10,398
8	3	99 250	56 696,023	825 146,685	14,554	14,084	58	53	89 996	1 553,036	16 589,800	10,682	10,212
9	4	99 233	52 854,129	768 450,662	14,539	14,069	59	54	89 080	1 433,307	15 036,764	10,491	10,021
10	5	99 216	49 272,747	715 596,533	14,523	14,053	60	55	88 063	1 321,154	13 603,458	10,297	9,827
11	6	99 201	45 935,413	666 323,786	14,506	14,036	61	56	86 950	1 216,279	12 282,303	10,098	9,628
12	7	99 187	42 824,135	620 388,373	14,487	14,017	62	57	85 738	1 118,252	11 066,024	9,896	9,426
13	8	99 174	39 923,827	577 564,238	14,467	13,997	63	58	84 412	1 026,534	9 947,772	9,691	9,221
14	9	99 157	37 218,872	537 640,411	14,445	13,975	64	59	82 971	940,799	8 921,237	9,483	9,013
15	10	99 140	34 696,779	500 421,540	14,423	13,953	65	60	81 419	860,796	7 980,438	9,271	8,801
16	11	99 119	32 344,483	465 724,761	14,399	13,929	66	61	79 758	786,234	7 119,642	9,055	8,585
17	12	99 089	30 148,811	433 380,278	14,375	13,905	67	62	77 980	716,744	6 333,408	8,836	8,366
18	13	99 056	28 101,508	403 231,467	14,349	13,879	68	63	76 101	652,192	5 616,664	8,612	8,142
19	14	99 010	26 189,688	375 129,959	14,324	13,854	69	64	74 102	592,132	4 964,472	8,384	7,914
20	15	98 961	24 407,184	348 940,270	14,297	13,827	70	65	72 003	536,461	4 372,340	8,150	7,680
21	16	98 909	22 745,257	324 533,086	14,268	13,798	71	66	69 818	485,018	3 835,879	7,909	7,439
22	17	98 856	21 196,411	301 787,829	14,238	13,768	72	67	67 481	437,092	3 350,861	7,666	7,196
23	18	98 802	19 752,707	280 591,418	14,205	13,735	73	68	65 092	393,120	2 913,769	7,412	6,942
24	19	98 744	18 406,715	260 838,711	14,171	13,701	74	69	62 570	352,345	2 520,649	7,154	6,684
25	20	98 683	17 151,757	242 431,996	14,135	13,665	75	70	59 919	314,607	2 168,304	6,892	6,422
26	21	98 623	15 982,634	225 280,239	14,095	13,625	76	71	57 141	279,741	1 853,696	6,626	6,157
27	22	98 563	14 893,127	209 297,605	14,053	13,583	77	72	54 242	247,595	1 573,956	6,357	5,887
28	23	98 502	13 877,791	194 404,478	14,008	13,538	78	73	51 280	218,251	1 326,361	6,077	5,607
29	24	98 440	12 931,565	180 526,686	13,960	13,490	79	74	48 167	191,144	1 108,110	5,797	5,327
30	25	98 376	12 049,476	167 595,121	13,909	13,439	80	75	44 951	166,323	916,966	5,513	5,043
31	26	98 304	11 226,826	155 545,646	13,855	13,385	81	76	41 589	143,483	750,643	5,232	4,762
32	27	98 231	10 460,034	144 318,820	13,797	13,327	82	77	38 138	122,683	607,160	4,949	4,479
33	28	98 150	9 744,943	133 858,786	13,736	13,266	83	78	34 642	103,903	484,477	4,663	4,193
34	29	98 058	9 077,662	124 113,844	13,672	13,203	84	79	31 037	86,798	380,574	4,385	3,915
35	30	97 965	8 455,985	115 036,181	13,604	13,134	85	80	27 386	71,411	293,776	4,114	3,644
36	31	97 863	7 876,188	106 580,196	13,532	13,062	86	81	23 728	57,690	222,365	3,855	3,385
37	32	97 745	7 334,917	98 704,008	13,457	12,987	87	82	20 158	45,697	164,675	3,604	3,134
38	33	97 615	6 829,966	91 369,090	13,378	12,908	88	83	16 732	35,366	118,978	3,364	2,894
39	34	97 482	6 359,568	84 539,124	13,293	12,823	89	84	13 489	26,584	83,613	3,145	2,675
40	35	97 332	5 920,560	78 179,556	13,205	12,735	90	85	10 542	19,372	57,029	2,944	2,474
41	36	97 166	5 510,929	72 258,996	13,112	12,642	91	86	7 975	13,663	37,657	2,756	2,286
42	37	96 979	5 128,494	66 748,067	13,015	12,545	92	87	5 831	9,315	23,993	2,576	2,106
43	38	96 793	4 772,637	61 619,573	12,911	12,441	93	88	4 077	6,072	14,679	2,417	1,948
44	39	96 585	4 440,453	56 846,935	12,802	12,332	94	89	2 729	3,791	8,607	2,271	1,801
45	40	96 355	4 130,415	52 406,482	12,688	12,218	95	90	1 736	2,248	4,816	2,142	1,673
46	41	96 113	3 841,531	48 276,067	12,567	12,097	96	91	1 050	1,268	2,568	2,026	1,556
47	42	95 844	3 571,839	44 434,536	12,440	11,970	97	92	600	0,676	1,301	1,925	1,455
48	43	95 543	3 319,940	40 862,697	12,308	11,838	98	93	325	0,341	0,625	1,831	1,361
49	44	95 207	3 084,626	37 542,756	12,171	11,701	99	94	167	0,163	0,284	1,740	1,270
							100	95	79	0,073	0,121	1,663	1,193

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0							50	44	94 928	2 867,662	34 594,239	12,064	11,594
1							51	45	94 533	2 662,698	31 726,577	11,915	11,445
2							52	46	94 094	2 471,158	29 063,880	11,761	11,291
3							53	47	93 607	2 292,185	26 592,722	11,601	11,132
4							54	48	93 063	2 124,824	24 300,537	11,436	10,967
5							55	49	92 456	1 968,274	22 175,713	11,267	10,797
6	0	99 592	65 439,494	951 666,435	14,543	14,073	56	50	91 776	1 821,711	20 207,439	11,093	10,623
7	1	99 295	60 833,917	886 226,941	14,568	14,098	57	51	91 026	1 684,695	18 385,727	10,913	10,443
8	2	99 263	56 703,474	825 393,024	14,556	14,086	58	52	90 195	1 556,467	16 701,032	10,730	10,260
9	3	99 243	52 859,399	768 689,549	14,542	14,072	59	53	89 301	1 436,868	15 144,565	10,540	10,070
10	4	99 225	49 277,283	715 830,151	14,527	14,057	60	54	88 306	1 324,803	13 707,697	10,347	9,877
11	5	99 208	45 938,534	666 552,867	14,510	14,040	61	55	87 221	1 220,076	12 382,894	10,149	9,679
12	6	99 195	42 827,262	620 614,333	14,491	14,021	62	56	86 029	1 122,047	11 162,817	9,949	9,479
13	7	99 179	39 925,728	577 787,071	14,472	14,002	63	57	84 730	1 030,405	10 040,771	9,744	9,275
14	8	99 165	37 221,554	537 861,343	14,450	13,980	64	58	83 318	944,742	9 010,366	9,537	9,067
15	9	99 145	34 698,623	500 639,789	14,428	13,958	65	59	81 798	864,804	8 065,624	9,327	8,857
16	10	99 125	32 346,281	465 941,165	14,405	13,935	66	60	80 169	790,286	7 200,819	9,112	8,642
17	11	99 096	30 151,130	433 594,884	14,381	13,911	67	61	78 418	720,770	6 410,534	8,894	8,424
18	12	99 062	28 103,284	403 443,754	14,356	13,886	68	62	76 570	656,210	5 689,764	8,671	8,201
19	13	99 018	26 191,758	375 340,470	14,330	13,861	69	63	74 607	596,162	5 033,554	8,443	7,973
20	14	98 970	24 409,436	349 148,712	14,304	13,834	70	64	72 540	540,465	4 437,392	8,210	7,740
21	15	98 920	22 747,891	324 739,276	14,276	13,806	71	65	70 382	488,936	3 896,927	7,970	7,500
22	16	98 869	21 199,121	301 991,385	14,245	13,776	72	66	68 077	440,954	3 407,991	7,729	7,259
23	17	98 815	19 755,268	280 792,264	14,214	13,744	73	67	65 707	396,833	2 967,037	7,477	7,007
24	18	98 760	18 409,703	261 036,996	14,179	13,709	74	68	63 215	355,978	2 570,204	7,220	6,750
25	19	98 699	17 154,577	242 627,293	14,144	13,674	75	69	60 619	318,282	2 214,226	6,957	6,487
26	20	98 639	15 985,251	225 472,716	14,105	13,635	76	70	57 868	283,297	1 895,943	6,692	6,223
27	21	98 580	14 895,656	209 487,465	14,064	13,594	77	71	55 002	251,063	1 612,647	6,423	5,953
28	22	98 518	13 880,120	194 591,809	14,019	13,550	78	72	52 058	221,563	1 361,584	6,145	5,675
29	23	98 456	12 933,681	180 711,689	13,972	13,502	79	73	48 986	194,397	1 140,021	5,864	5,394
30	24	98 392	12 051,455	167 778,008	13,922	13,452	80	74	45 784	169,405	945,624	5,582	5,112
31	25	98 324	11 229,009	155 726,553	13,868	13,398	81	75	42 443	146,429	776,218	5,301	4,831
32	26	98 248	10 461,898	144 497,544	13,812	13,342	82	76	39 002	125,462	629,790	5,020	4,550
33	27	98 171	9 746,987	134 035,645	13,751	13,282	83	77	35 492	106,451	504,328	4,738	4,268
34	28	98 081	9 079,823	124 288,658	13,688	13,219	84	78	31 905	89,226	397,876	4,459	3,989
35	29	97 989	8 458,073	115 208,835	13,621	13,151	85	79	28 257	73,681	308,651	4,189	3,719
36	30	97 891	7 878,416	106 750,763	13,550	13,080	86	80	24 595	59,798	234,970	3,929	3,459
37	31	97 777	7 337,280	98 872,346	13,475	13,005	87	81	21 007	47,622	175,172	3,678	3,209
38	32	97 648	6 832,261	91 535,067	13,397	12,928	88	82	17 557	37,110	127,550	3,437	2,967
39	33	97 516	6 361,797	84 702,805	13,314	12,844	89	83	14 277	28,137	90,440	3,214	2,744
40	34	97 369	5 922,821	78 341,009	13,227	12,757	90	84	11 261	20,692	62,303	3,011	2,541
41	35	97 211	5 513,504	72 418,188	13,135	12,665	91	85	8 609	14,750	41,611	2,821	2,351
42	36	97 025	5 130,941	66 904,684	13,039	12,570	92	86	6 374	10,183	26,861	2,638	2,168
43	37	96 842	4 775,048	61 773,743	12,937	12,467	93	87	4 525	6,740	16,678	2,474	2,005
44	38	96 638	4 442,915	56 998,695	12,829	12,359	94	88	3 078	4,275	9,938	2,325	1,855
45	39	96 417	4 133,104	52 555,780	12,716	12,246	95	89	1 993	2,580	5,663	2,195	1,725
46	40	96 173	3 843,965	48 422,676	12,597	12,127	96	90	1 231	1,486	3,083	2,074	1,604
47	41	95 914	3 574,459	44 578,711	12,471	12,002	97	91	720	0,810	1,596	1,970	1,501
48	42	95 621	3 322,621	41 004,252	12,341	11,871	98	92	400	0,420	0,786	1,871	1,401
49	43	95 293	3 087,391	37 681,631	12,205	11,735	99	93	211	0,206	0,366	1,775	1,305
							100	94	103	0,094	0,160	1,697	1,228

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	2 870,233	34 718,672	12,096	11,626
1							51	44	94 623	2 665,219	31 848,439	11,950	11,480
2							52	45	94 195	2 473,819	29 183,220	11,797	11,327
3							53	46	93 718	2 294,903	26 709,402	11,639	11,169
4							54	47	93 184	2 127,588	24 414,499	11,475	11,005
5							55	48	92 597	1 971,265	22 286,911	11,306	10,836
6							56	49	91 931	1 824,785	20 315,646	11,133	10,663
7	0	99 583	61 010,351	886 640,552	14,533	14,063	57	50	91 195	1 687,807	18 490,861	10,956	10,486
8	1	99 285	56 716,089	825 630,200	14,557	14,087	58	51	90 383	1 559,706	16 803,054	10,773	10,303
9	2	99 256	52 866,346	768 914,112	14,544	14,075	59	52	89 499	1 440,042	15 243,348	10,585	10,115
10	3	99 235	49 282,197	716 047,766	14,530	14,060	60	53	88 525	1 328,095	13 803,305	10,393	9,923
11	4	99 217	45 942,763	666 765,569	14,513	14,043	61	54	87 462	1 223,446	12 475,210	10,197	9,727
12	5	99 201	42 830,172	620 822,806	14,495	14,025	62	55	86 297	1 125,550	11 251,764	9,997	9,527
13	6	99 186	39 928,644	577 992,634	14,476	14,006	63	56	85 018	1 033,901	10 126,215	9,794	9,324
14	7	99 169	37 223,327	538 063,990	14,455	13,985	64	57	83 632	948,304	9 092,313	9,588	9,118
15	8	99 152	34 701,124	500 840,663	14,433	13,963	65	58	82 141	868,429	8 144,009	9,378	8,908
16	9	99 130	32 348,000	466 139,539	14,410	13,940	66	59	80 542	793,965	7 275,581	9,164	8,694
17	10	99 102	30 152,806	433 791,538	14,386	13,917	67	60	78 822	724,484	6 481,615	8,947	8,477
18	11	99 070	28 105,446	403 638,732	14,362	13,892	68	61	77 000	659,896	5 757,131	8,724	8,254
19	12	99 024	26 193,414	375 533,287	14,337	13,867	69	62	75 066	599,835	5 097,235	8,498	8,028
20	13	98 978	24 411,365	349 339,873	14,311	13,841	70	63	73 034	544,143	4 497,401	8,265	7,795
21	14	98 929	22 749,989	324 928,508	14,283	13,813	71	64	70 907	492,586	3 953,257	8,026	7,556
22	15	98 880	21 201,576	302 178,519	14,253	13,783	72	65	68 627	444,516	3 460,671	7,785	7,315
23	16	98 827	19 757,794	280 976,943	14,221	13,751	73	66	66 287	400,339	3 016,155	7,534	7,064
24	17	98 773	18 412,090	261 219,149	14,187	13,717	74	67	63 813	359,340	2 615,816	7,279	6,810
25	18	98 715	17 157,362	242 807,058	14,152	13,682	75	68	61 244	321,564	2 256,476	7,017	6,547
26	19	98 655	15 987,879	225 649,697	14,114	13,644	76	69	58 544	286,606	1 934,912	6,751	6,281
27	20	98 596	14 898,095	209 661,818	14,073	13,603	77	70	55 701	254,255	1 648,306	6,483	6,013
28	21	98 535	13 882,477	194 763,723	14,029	13,560	78	71	52 787	224,667	1 394,051	6,205	5,735
29	22	98 473	12 935,851	180 881,246	13,983	13,513	79	72	49 730	197,347	1 169,385	5,926	5,456
30	23	98 408	12 053,427	167 945,395	13,933	13,464	80	73	46 563	172,289	972,038	5,642	5,172
31	24	98 340	11 230,854	155 891,968	13,881	13,411	81	74	43 230	149,142	799,749	5,362	4,892
32	25	98 267	10 463,933	144 661,114	13,825	13,355	82	75	39 803	128,038	650,607	5,081	4,611
33	26	98 188	9 748,725	134 197,181	13,766	13,296	83	76	36 296	108,862	522,569	4,800	4,330
34	27	98 102	9 081,728	124 448,457	13,703	13,233	84	77	32 688	91,414	413,707	4,526	4,056
35	28	98 012	8 460,086	115 366,729	13,637	13,167	85	78	29 047	75,742	322,293	4,255	3,785
36	29	97 915	7 880,361	106 906,643	13,566	13,096	86	79	25 377	61,699	246,551	3,996	3,526
37	30	97 804	7 339,355	99 026,282	13,493	13,023	87	80	21 775	49,362	184,852	3,745	3,275
38	31	97 679	6 834,462	91 686,927	13,415	12,945	88	81	18 297	38,673	135,490	3,503	3,034
39	32	97 548	6 363,934	84 852,465	13,333	12,863	89	82	14 981	29,524	96,817	3,279	2,809
40	33	97 403	5 924,896	78 488,530	13,247	12,777	90	83	11 918	21,901	67,293	3,073	2,603
41	34	97 248	5 515,609	72 563,634	13,156	12,686	91	84	9 196	15,755	45,392	2,881	2,411
42	35	97 070	5 133,338	67 048,025	13,061	12,591	92	85	6 881	10,993	29,636	2,696	2,226
43	36	96 888	4 777,326	61 914,687	12,960	12,490	93	86	4 947	7,368	18,643	2,530	2,060
44	37	96 687	4 445,160	57 137,361	12,854	12,384	94	87	3 417	4,745	11,275	2,376	1,906
45	38	96 471	4 135,396	52 692,201	12,742	12,272	95	88	2 247	2,910	6,530	2,244	1,774
46	39	96 236	3 846,468	48 556,805	12,624	12,154	96	89	1 413	1,706	3,620	2,122	1,652
47	40	95 975	3 576,724	44 710,338	12,500	12,030	97	90	844	0,950	1,914	2,015	1,545
48	41	95 691	3 325,058	41 133,614	12,371	11,901	98	91	480	0,504	0,964	1,913	1,443
49	42	95 370	3 089,885	37 808,556	12,236	11,766	99	92	259	0,254	0,460	1,811	1,341
							100	93	130	0,119	0,206	1,730	1,260

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	2 872,550	34 832,351	12,126	11,656
1							51	43	94 707	2 667,608	31 959,801	11,981	11,511
2							52	44	94 284	2 476,161	29 292,193	11,830	11,360
3							53	45	93 819	2 297,374	26 816,032	11,672	11,203
4							54	46	93 295	2 130,111	24 518,658	11,511	11,041
5							55	47	92 717	1 973,830	22 388,548	11,343	10,873
6							56	48	92 070	1 827,557	20 414,718	11,170	10,701
7							57	49	91 348	1 690,654	18 587,161	10,994	10,524
8	0	99 573	56 880,580	826 011,105	14,522	14,052	58	50	90 550	1 562,587	16 896,506	10,813	10,343
9	1	99 278	52 878,106	769 130,525	14,545	14,075	59	51	89 685	1 443,039	15 333,919	10,626	10,156
10	2	99 248	49 288,673	716 252,418	14,532	14,062	60	52	88 721	1 331,029	13 890,880	10,436	9,966
11	3	99 227	45 947,344	666 963,745	14,516	14,046	61	53	87 679	1 226,486	12 559,851	10,241	9,771
12	4	99 210	42 834,115	621 016,401	14,498	14,028	62	54	86 536	1 128,658	11 333,365	10,041	9,572
13	5	99 193	39 931,357	578 182,286	14,479	14,010	63	55	85 283	1 037,129	10 204,706	9,839	9,369
14	6	99 177	37 226,045	538 250,929	14,459	13,989	64	56	83 916	951,522	9 167,577	9,635	9,165
15	7	99 157	34 702,777	501 024,884	14,438	13,968	65	57	82 450	871,703	8 216,056	9,425	8,955
16	8	99 137	32 350,332	466 322,107	14,415	13,945	66	58	80 880	797,293	7 344,353	9,212	8,742
17	9	99 107	30 154,409	433 971,775	14,392	13,922	67	59	79 189	727,857	6 547,060	8,995	8,525
18	10	99 075	28 107,008	403 817,366	14,367	13,897	68	60	77 397	663,296	5 819,202	8,773	8,303
19	11	99 032	26 195,428	375 710,358	14,343	13,873	69	61	75 488	603,204	5 155,906	8,548	8,078
20	12	98 984	24 412,908	349 514,930	14,317	13,847	70	62	73 484	547,495	4 552,702	8,316	7,846
21	13	98 937	22 751,788	325 102,022	14,289	13,819	71	63	71 390	495,939	4 005,207	8,076	7,606
22	14	98 889	21 203,532	302 350,234	14,259	13,790	72	64	69 139	447,834	3 509,268	7,836	7,366
23	15	98 839	19 760,082	281 146,702	14,228	13,758	73	65	66 823	403,574	3 061,434	7,586	7,116
24	16	98 786	18 414,445	261 386,620	14,195	13,725	74	66	64 376	362,515	2 657,861	7,332	6,862
25	17	98 728	17 159,587	242 972,176	14,160	13,690	75	67	61 823	324,601	2 295,345	7,071	6,601
26	18	98 671	15 990,474	225 812,589	14,122	13,652	76	68	59 147	289,561	1 970,744	6,806	6,336
27	19	98 612	14 900,544	209 822,115	14,082	13,612	77	69	56 351	257,225	1 681,184	6,536	6,066
28	20	98 551	13 884,708	194 921,571	14,039	13,569	78	70	53 458	227,522	1 423,959	6,259	5,789
29	21	98 490	12 938,048	181 036,821	13,993	13,523	79	71	50 426	200,111	1 196,437	5,979	5,509
30	22	98 424	12 055,449	168 098,773	13,944	13,474	80	72	47 270	174,903	996,325	5,696	5,227
31	23	98 356	11 232,691	156 043,324	13,892	13,422	81	73	43 965	151,681	821,422	5,415	4,946
32	24	98 283	10 465,652	144 810,633	13,837	13,367	82	74	40 541	130,411	669,742	5,136	4,666
33	25	98 207	9 750,620	134 344,981	13,778	13,308	83	75	37 041	111,098	539,331	4,855	4,385
34	26	98 119	9 083,347	124 594,361	13,717	13,247	84	76	33 428	93,485	428,234	4,581	4,111
35	27	98 033	8 461,861	115 511,014	13,651	13,181	85	77	29 760	77,599	334,749	4,314	3,844
36	28	97 938	7 882,237	107 049,153	13,581	13,111	86	78	26 087	63,425	257,150	4,054	3,585
37	29	97 828	7 341,167	99 166,916	13,508	13,038	87	79	22 467	50,931	193,725	3,804	3,334
38	30	97 707	6 836,395	91 825,749	13,432	12,962	88	80	18 965	40,087	142,794	3,562	3,092
39	31	97 580	6 365,984	84 989,354	13,351	12,881	89	81	15 612	30,768	102,707	3,338	2,868
40	32	97 436	5 926,887	78 623,370	13,266	12,796	90	82	12 506	22,981	71,939	3,130	2,660
41	33	97 283	5 517,542	72 696,483	13,176	12,706	91	83	9 733	16,676	48,958	2,936	2,466
42	34	97 107	5 135,298	67 178,941	13,082	12,612	92	84	7 350	11,742	32,282	2,749	2,279
43	35	96 933	4 779,558	62 043,643	12,981	12,511	93	85	5 340	7,955	20,540	2,582	2,112
44	36	96 733	4 447,280	57 264,084	12,876	12,406	94	86	3 735	5,187	12,586	2,426	1,956
45	37	96 519	4 137,485	52 816,804	12,765	12,296	95	87	2 494	3,230	7,398	2,290	1,820
46	38	96 289	3 848,600	48 679,319	12,649	12,179	96	88	1 593	1,924	4,168	2,166	1,696
47	39	96 038	3 579,052	44 830,719	12,526	12,056	97	89	968	1,090	2,244	2,058	1,588
48	40	95 751	3 327,165	41 251,667	12,398	11,929	98	90	563	0,591	1,154	1,953	1,483
49	41	95 440	3 092,151	37 924,502	12,265	11,795	99	91	311	0,304	0,563	1,849	1,379
							100	92	161	0,147	0,258	1,763	1,293

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	2 874,657	34 936,162	12,153	11,683
1							51	42	94 784	2 669,762	32 061,504	12,009	11,539
2							52	43	94 369	2 478,381	29 391,742	11,859	11,389
3							53	44	93 907	2 299,549	26 913,362	11,704	11,234
4							54	45	93 395	2 132,404	24 613,813	11,543	11,073
5							55	46	92 827	1 976,170	22 481,408	11,376	10,906
6							56	47	92 190	1 829,935	20 505,238	11,205	10,736
7							57	48	91 487	1 693,223	18 675,303	11,029	10,560
8							58	49	90 703	1 565,223	16 982,080	10,850	10,380
9	0	99 566	53 031,467	769 481,311	14,510	14,040	59	50	89 850	1 445,705	15 416,857	10,664	10,194
10	1	99 270	49 299,638	716 449,844	14,533	14,063	60	51	88 905	1 333,799	13 971,152	10,475	10,005
11	2	99 240	45 953,383	667 150,206	14,518	14,048	61	52	87 873	1 229,196	12 637,354	10,281	9,811
12	3	99 220	42 838,386	621 196,823	14,501	14,031	62	53	86 751	1 131,463	11 408,158	10,083	9,613
13	4	99 202	39 935,033	578 358,438	14,482	14,013	63	54	85 519	1 039,993	10 276,695	9,882	9,412
14	5	99 183	37 228,575	538 423,405	14,463	13,993	64	55	84 178	954,493	9 236,702	9,677	9,207
15	6	99 164	34 705,311	501 194,830	14,441	13,972	65	56	82 730	874,661	8 282,209	9,469	8,999
16	7	99 142	32 351,873	466 489,519	14,419	13,949	66	57	81 185	800,299	7 407,548	9,256	8,786
17	8	99 114	30 156,582	434 137,646	14,396	13,926	67	58	79 521	730,908	6 607,249	9,040	8,570
18	9	99 081	28 108,502	403 981,064	14,372	13,902	68	59	77 757	666,385	5 876,341	8,818	8,348
19	10	99 037	26 196,885	375 872,562	14,348	13,878	69	60	75 877	606,313	5 209,957	8,593	8,123
20	11	98 992	24 414,786	349 675,677	14,322	13,852	70	61	73 897	550,571	4 603,644	8,362	7,892
21	12	98 943	22 753,226	325 260,892	14,295	13,825	71	62	71 830	498,993	4 053,073	8,122	7,653
22	13	98 897	21 205,208	302 507,666	14,266	13,796	72	63	69 610	450,882	3 554,080	7,883	7,413
23	14	98 848	19 761,905	281 302,458	14,235	13,765	73	64	67 322	406,586	3 103,198	7,632	7,162
24	15	98 797	18 416,577	261 540,553	14,201	13,731	74	65	64 896	365,444	2 696,612	7,379	6,909
25	16	98 740	17 161,780	243 123,977	14,167	13,697	75	66	62 369	327,469	2 331,168	7,119	6,649
26	17	98 684	15 992,548	225 962,196	14,129	13,659	76	67	59 706	292,296	2 003,699	6,855	6,385
27	18	98 628	14 902,963	209 969,649	14,089	13,619	77	68	56 932	259,876	1 711,403	6,585	6,116
28	19	98 568	13 887,033	195 066,686	14,047	13,577	78	69	54 083	230,180	1 451,527	6,306	5,836
29	20	98 506	12 940,166	181 179,653	14,001	13,531	79	70	51 067	202,655	1 221,347	6,027	5,557
30	21	98 441	12 057,497	168 239,487	13,953	13,483	80	71	47 932	177,353	1 018,692	5,744	5,274
31	22	98 372	11 234,576	156 181,990	13,902	13,432	81	72	44 633	153,982	841,339	5,464	4,994
32	23	98 299	10 467,364	144 947,414	13,848	13,378	82	73	41 231	132,630	687,356	5,183	4,713
33	24	98 223	9 752,222	134 480,050	13,790	13,320	83	74	37 727	113,156	554,726	4,902	4,432
34	25	98 138	9 085,113	124 727,828	13,729	13,259	84	75	34 115	95,404	441,570	4,628	4,159
35	26	98 050	8 463,369	115 642,715	13,664	13,194	85	76	30 434	79,357	346,166	4,362	3,892
36	27	97 959	7 883,890	107 179,345	13,595	13,125	86	77	26 727	64,980	266,809	4,106	3,636
37	28	97 852	7 342,914	99 295,455	13,523	13,053	87	78	23 096	52,356	201,829	3,855	3,385
38	29	97 731	6 838,083	91 952,541	13,447	12,977	88	79	19 568	41,361	149,473	3,614	3,144
39	30	97 607	6 367,785	85 114,458	13,366	12,897	89	80	16 183	31,892	108,112	3,390	2,920
40	31	97 467	5 928,796	78 746,673	13,282	12,812	90	81	13 033	23,949	76,220	3,183	2,713
41	32	97 315	5 519,396	72 817,877	13,193	12,723	91	82	10 213	17,498	52,271	2,987	2,517
42	33	97 141	5 137,098	67 298,481	13,100	12,631	92	83	7 780	12,428	34,773	2,798	2,328
43	34	96 970	4 781,384	62 161,384	13,001	12,531	93	84	5 704	8,497	22,345	2,630	2,160
44	35	96 778	4 449,358	57 380,000	12,896	12,426	94	85	4 032	5,600	13,848	2,473	2,003
45	36	96 566	4 139,459	52 930,642	12,787	12,317	95	86	2 727	3,531	8,248	2,336	1,866
46	37	96 338	3 850,545	48 791,183	12,671	12,201	96	87	1 769	2,136	4,716	2,208	1,739
47	38	96 091	3 581,037	44 940,639	12,550	12,080	97	88	1 092	1,230	2,581	2,099	1,629
48	39	95 814	3 329,331	41 359,602	12,423	11,953	98	89	646	0,678	1,351	1,992	1,523
49	40	95 500	3 094,110	38 030,272	12,291	11,821	99	90	365	0,357	0,673	1,885	1,416
							100	91	193	0,176	0,316	1,798	1,328

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	40	95 220	2 876,478	35 030,829	12,178	11,708
							51	41	94 853	2 671,720	32 154,350	12,035	11,565
							52	42	94 445	2 480,382	29 482,630	11,886	11,416
							53	43	93 992	2 301,611	27 002,248	11,732	11,262
							54	44	93 483	2 134,423	24 700,637	11,573	11,103
							55	45	92 927	1 978,298	22 566,214	11,407	10,937
							56	46	92 299	1 832,104	20 587,916	11,237	10,767
							57	47	91 606	1 695,426	18 755,812	11,063	10,593
							58	48	90 840	1 567,602	17 060,386	10,883	10,413
							59	49	90 002	1 448,143	15 492,784	10,698	10,228
10	0	99 558	49 442,620	716 772,898	14,497	14,027	60	50	89 070	1 336,263	14 044,641	10,510	10,040
11	1	99 262	45 963,606	667 330,278	14,519	14,049	61	51	88 056	1 231,753	12 708,378	10,317	9,847
12	2	99 233	42 844,016	621 366,673	14,503	14,033	62	52	86 942	1 133,963	11 476,625	10,121	9,651
13	3	99 212	39 939,015	578 522,657	14,485	14,015	63	53	85 731	1 042,578	10 342,662	9,920	9,450
14	4	99 192	37 232,002	538 583,642	14,466	13,996	64	54	84 411	957,129	9 300,084	9,717	9,247
15	5	99 171	34 707,669	501 351,640	14,445	13,975	65	55	82 989	877,392	8 342,956	9,509	9,039
16	6	99 149	32 354,235	466 643,971	14,423	13,953	66	56	81 460	803,014	7 465,564	9,297	8,827
17	7	99 119	30 158,019	434 289,736	14,400	13,931	67	57	79 821	733,664	6 662,550	9,081	8,611
18	8	99 088	28 110,528	404 131,717	14,377	13,907	68	58	78 083	669,178	5 928,886	8,860	8,390
19	9	99 042	26 198,277	376 021,189	14,353	13,883	69	59	76 230	609,136	5 259,708	8,635	8,165
20	10	98 997	24 416,143	349 822,912	14,328	13,858	70	60	74 277	553,408	4 650,573	8,404	7,934
21	11	98 951	22 754,976	325 406,769	14,300	13,831	71	61	72 233	501,796	4 097,165	8,165	7,695
22	12	98 903	21 206,548	302 651,794	14,272	13,802	72	62	70 038	453,659	3 595,368	7,925	7,455
23	13	98 856	19 763,467	281 445,246	14,241	13,771	73	63	67 780	409,353	3 141,709	7,675	7,205
24	14	98 806	18 418,276	261 681,779	14,208	13,738	74	64	65 381	368,171	2 732,356	7,421	6,952
25	15	98 752	17 163,768	243 263,503	14,173	13,703	75	65	62 873	330,115	2 364,184	7,162	6,692
26	16	98 697	15 994,592	226 099,736	14,136	13,666	76	66	60 233	294,878	2 034,070	6,898	6,428
27	17	98 641	14 904,895	210 105,143	14,096	13,626	77	67	57 470	262,331	1 739,191	6,630	6,160
28	18	98 584	13 889,287	195 200,248	14,054	13,584	78	68	54 640	232,553	1 476,860	6,351	5,881
29	19	98 522	12 942,293	181 310,960	14,009	13,539	79	69	51 664	205,022	1 244,307	6,069	5,599
30	20	98 457	12 059,471	168 368,667	13,962	13,492	80	70	48 541	179,608	1 039,285	5,786	5,317
31	21	98 389	11 236,484	156 309,196	13,911	13,441	81	71	45 258	156,139	859,677	5,506	5,036
32	22	98 316	10 469,120	145 072,712	13,857	13,387	82	72	41 856	134,643	703,538	5,225	4,755
33	23	98 239	9 753,818	134 603,592	13,800	13,330	83	73	38 369	115,082	568,895	4,943	4,473
34	24	98 154	9 086,606	124 849,775	13,740	13,270	84	74	34 747	97,172	453,813	4,670	4,200
35	25	98 069	8 465,015	115 763,169	13,675	13,206	85	75	31 059	80,986	356,641	4,404	3,934
36	26	97 976	7 885,296	107 298,154	13,607	13,137	86	76	27 332	66,452	275,655	4,148	3,678
37	27	97 872	7 344,455	99 412,858	13,536	13,066	87	77	23 662	53,640	209,203	3,900	3,430
38	28	97 754	6 839,710	92 068,403	13,461	12,991	88	78	20 116	42,518	155,563	3,659	3,189
39	29	97 632	6 369,357	85 228,692	13,381	12,911	89	79	16 697	32,906	113,045	3,435	2,965
40	30	97 495	5 930,473	78 859,336	13,297	12,827	90	80	13 509	24,824	80,139	3,228	2,758
41	31	97 347	5 521,174	72 928,863	13,209	12,739	91	81	10 643	18,235	55,315	3,033	2,564
42	32	97 174	5 138,824	67 407,689	13,117	12,647	92	82	8 163	13,041	37,080	2,843	2,373
43	33	97 004	4 783,059	62 268,865	13,019	12,549	93	83	6 037	8,993	24,039	2,673	2,203
44	34	96 815	4 451,057	57 485,807	12,915	12,445	94	84	4 307	5,982	15,046	2,515	2,045
45	35	96 611	4 141,393	53 034,749	12,806	12,336	95	85	2 944	3,812	9,064	2,378	1,908
46	36	96 384	3 852,382	48 893,357	12,692	12,222	96	86	1 934	2,335	5,252	2,249	1,779
47	37	96 139	3 582,846	45 040,975	12,571	12,101	97	87	1 212	1,365	2,917	2,137	1,667
48	38	95 867	3 331,177	41 458,130	12,445	11,976	98	88	729	0,765	1,552	2,029	1,559
49	39	95 562	3 096,124	38 126,953	12,314	11,845	99	89	419	0,410	0,787	1,921	1,451
							100	90	226	0,206	0,377	1,831	1,361

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	39	95 282	2 878,351	35 117,343	12,201	11,731
							51	40	94 914	2 673,413	32 238,992	12,059	11,589
							52	41	94 514	2 482,201	29 565,579	11,911	11,441
							53	42	94 067	2 303,469	27 083,378	11,758	11,288
							54	43	93 567	2 136,337	24 779,909	11,599	11,129
							55	44	93 015	1 980,171	22 643,572	11,435	10,965
							56	45	92 399	1 834,077	20 663,401	11,266	10,796
							57	46	91 715	1 697,436	18 829,324	11,093	10,623
							58	47	90 959	1 569,641	17 131,888	10,915	10,445
							59	48	90 139	1 450,344	15 562,246	10,730	10,260
							60	49	89 220	1 338,517	14 111,903	10,543	10,073
11	0	99 550	46 096,912	667 627,802	14,483	14,013	61	50	88 219	1 234,029	12 773,386	10,351	9,881
12	1	99 255	42 853,547	621 530,890	14,504	14,034	62	51	87 123	1 136,322	11 539,357	10,155	9,685
13	2	99 225	39 944,264	578 677,343	14,487	14,017	63	52	85 920	1 044,881	10 403,035	9,956	9,486
14	3	99 202	37 235,714	538 733,079	14,468	13,998	64	53	84 620	959,507	9 358,154	9,753	9,283
15	4	99 180	34 710,865	501 497,365	14,448	13,978	65	54	83 218	879,815	8 398,647	9,546	9,076
16	5	99 156	32 356,434	466 786,501	14,426	13,956	66	55	81 714	805,522	7 518,832	9,334	8,864
17	6	99 126	30 160,221	434 430,067	14,404	13,934	67	56	80 092	736,153	6 713,310	9,119	8,650
18	7	99 093	28 111,867	404 269,846	14,381	13,911	68	57	78 378	671,701	5 977,157	8,899	8,429
19	8	99 050	26 200,165	376 157,979	14,357	13,887	69	58	76 550	611,689	5 305,457	8,673	8,204
20	9	99 003	24 417,441	349 957,814	14,332	13,862	70	59	74 623	555,985	4 693,768	8,442	7,972
21	10	98 956	22 756,241	325 540,373	14,306	13,836	71	60	72 605	504,382	4 137,784	8,204	7,734
22	11	98 911	21 208,179	302 784,133	14,277	13,807	72	61	70 432	456,208	3 633,401	7,964	7,494
23	12	98 862	19 764,716	281 575,954	14,246	13,776	73	62	68 197	411,875	3 177,194	7,714	7,244
24	13	98 814	18 419,732	261 811,238	14,214	13,744	74	63	65 826	370,677	2 765,319	7,460	6,990
25	14	98 761	17 165,351	243 391,506	14,179	13,709	75	64	63 342	332,579	2 394,642	7,200	6,730
26	15	98 708	15 996,444	226 226,155	14,142	13,672	76	65	60 720	297,261	2 062,063	6,937	6,467
27	16	98 653	14 906,801	210 229,711	14,103	13,633	77	66	57 978	264,649	1 764,802	6,668	6,199
28	17	98 596	13 891,088	195 322,909	14,061	13,591	78	67	55 156	234,750	1 500,154	6,390	5,921
29	18	98 538	12 944,394	181 431,821	14,016	13,546	79	68	52 197	207,136	1 265,404	6,109	5,639
30	19	98 473	12 061,453	168 487,427	13,969	13,499	80	69	49 108	181,706	1 058,268	5,824	5,354
31	20	98 405	11 238,323	156 425,974	13,919	13,449	81	70	45 833	158,124	876,562	5,544	5,074
32	21	98 333	10 470,898	145 187,650	13,866	13,396	82	71	42 443	136,529	718,438	5,262	4,792
33	22	98 256	9 755,454	134 716,752	13,809	13,339	83	72	38 952	116,828	581,909	4,981	4,511
34	23	98 170	9 088,092	124 961,298	13,750	13,280	84	73	35 338	98,826	465,081	4,706	4,236
35	24	98 085	8 466,406	115 873,205	13,686	13,216	85	74	31 634	82,487	366,255	4,440	3,970
36	25	97 995	7 886,829	107 406,799	13,619	13,149	86	75	27 893	67,816	283,768	4,184	3,714
37	26	97 890	7 345,764	99 519,970	13,548	13,078	87	76	24 198	54,855	215,952	3,937	3,467
38	27	97 775	6 841,145	92 174,206	13,474	13,004	88	77	20 609	43,560	161,097	3,698	3,228
39	28	97 655	6 370,873	85 333,061	13,394	12,924	89	78	17 164	33,827	117,536	3,475	3,005
40	29	97 519	5 931,937	78 962,188	13,311	12,841	90	79	13 939	25,614	83,710	3,268	2,798
41	30	97 374	5 522,735	73 030,251	13,224	12,754	91	80	11 032	18,902	58,096	3,074	2,604
42	31	97 205	5 140,479	67 507,516	13,133	12,663	92	81	8 507	13,590	39,195	2,884	2,414
43	32	97 037	4 784,666	62 367,037	13,035	12,565	93	82	6 335	9,437	25,604	2,713	2,243
44	33	96 849	4 452,617	57 582,371	12,932	12,462	94	83	4 559	6,331	16,168	2,554	2,084
45	34	96 648	4 142,974	53 129,754	12,824	12,354	95	84	3 145	4,072	9,837	2,416	1,946
46	35	96 429	3 854,181	48 986,780	12,710	12,240	96	85	2 087	2,520	5,765	2,287	1,817
47	36	96 185	3 584,555	45 132,598	12,591	12,121	97	86	1 325	1,492	3,244	2,174	1,704
48	37	95 915	3 332,860	41 548,044	12,466	11,996	98	87	809	0,849	1,752	2,064	1,594
49	38	95 615	3 097,841	38 215,184	12,336	11,866	99	88	472	0,462	0,903	1,954	1,484
							100	89	259	0,237	0,441	1,864	1,394

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	2 879,947	35 196,276	12,221	11,751
1							51	39	94 975	2 675,153	32 316,329	12,080	11,610
2							52	40	94 574	2 483,774	29 641,176	11,934	11,464
3							53	41	94 136	2 305,159	27 157,402	11,781	11,311
4							54	42	93 643	2 138,062	24 852,243	11,624	11,154
5							55	43	93 099	1 981,946	22 714,182	11,461	10,991
6							56	44	92 486	1 835,814	20 732,236	11,293	10,823
7							57	45	91 814	1 699,264	18 896,422	11,120	10,650
8							58	46	91 066	1 571,502	17 197,158	10,943	10,473
9							59	47	90 256	1 452,231	15 625,656	10,760	10,290
10							60	48	89 356	1 340,551	14 173,425	10,573	10,103
11							61	49	88 368	1 236,110	12 832,874	10,382	9,912
12	0	99 543	42 977,833	621 804,912	14,468	13,998	62	50	87 284	1 138,421	11 596,764	10,187	9,717
13	1	99 247	39 953,150	578 827,078	14,488	14,018	63	51	86 099	1 047,055	10 458,343	9,988	9,518
14	2	99 215	37 240,608	538 873,929	14,470	14,000	64	52	84 807	961,627	9 411,287	9,787	9,317
15	3	99 190	34 714,326	501 633,321	14,450	13,980	65	53	83 425	882,001	8 449,661	9,580	9,110
16	4	99 165	32 359,412	466 918,995	14,429	13,959	66	54	81 940	807,746	7 567,660	9,369	8,899
17	5	99 133	30 162,270	434 559,583	14,407	13,937	67	55	80 342	738,452	6 759,913	9,154	8,684
18	6	99 100	28 113,920	404 397,313	14,384	13,914	68	56	78 644	673,980	6 021,462	8,934	8,464
19	7	99 054	26 201,413	376 283,393	14,361	13,891	69	57	76 838	613,995	5 347,482	8,709	8,239
20	8	99 010	24 419,201	350 081,980	14,336	13,866	70	58	74 936	558,315	4 733,487	8,478	8,008
21	9	98 962	22 757,450	325 662,779	14,310	13,840	71	59	72 943	506,731	4 175,172	8,239	7,770
22	10	98 916	21 209,358	302 905,329	14,282	13,812	72	60	70 795	458,559	3 668,442	8,000	7,530
23	11	98 869	19 766,236	281 695,971	14,251	13,781	73	61	68 581	414,188	3 209,883	7,750	7,280
24	12	98 820	18 420,896	261 929,735	14,219	13,749	74	62	66 231	372,961	2 795,695	7,496	7,026
25	13	98 769	17 166,708	243 508,839	14,185	13,715	75	63	63 773	334,842	2 422,734	7,235	6,766
26	14	98 717	15 997,920	226 342,131	14,148	13,678	76	64	61 173	299,479	2 087,892	6,972	6,502
27	15	98 665	14 908,527	210 344,211	14,109	13,639	77	65	58 446	266,787	1 788,413	6,704	6,234
28	16	98 609	13 892,864	195 435,684	14,067	13,597	78	66	55 644	236,824	1 521,626	6,425	5,955
29	17	98 551	12 946,073	181 542,820	14,023	13,553	79	67	52 690	209,093	1 284,802	6,145	5,675
30	18	98 489	12 063,411	168 596,747	13,976	13,506	80	68	49 614	183,579	1 075,709	5,860	5,390
31	19	98 421	11 240,171	156 533,335	13,926	13,456	81	69	46 368	159,971	892,131	5,577	5,107
32	20	98 349	10 472,612	145 293,164	13,874	13,404	82	70	42 982	138,264	732,159	5,295	4,825
33	21	98 273	9 757,111	134 820,552	13,818	13,348	83	71	39 497	118,465	593,895	5,013	4,543
34	22	98 187	9 089,617	125 063,441	13,759	13,289	84	72	35 874	100,326	475,430	4,739	4,269
35	23	98 102	8 467,791	115 973,824	13,696	13,226	85	73	32 173	83,891	375,104	4,471	4,001
36	24	98 011	7 888,125	107 506,033	13,629	13,159	86	74	28 410	69,073	291,213	4,216	3,746
37	25	97 909	7 347,193	99 617,908	13,559	13,089	87	75	24 695	55,981	222,140	3,968	3,498
38	26	97 792	6 842,365	92 270,715	13,485	13,015	88	76	21 076	44,547	166,159	3,730	3,260
39	27	97 675	6 372,209	85 428,350	13,406	12,936	89	77	17 585	34,656	121,612	3,509	3,039
40	28	97 542	5 933,349	79 056,141	13,324	12,854	90	78	14 329	26,330	86,956	3,303	2,833
41	29	97 398	5 524,099	73 122,792	13,237	12,767	91	79	11 383	19,502	60,626	3,109	2,639
42	30	97 233	5 141,933	67 598,694	13,147	12,677	92	80	8 818	14,087	41,124	2,919	2,449
43	31	97 068	4 786,207	62 456,761	13,049	12,579	93	81	6 602	9,834	27,037	2,749	2,279
44	32	96 882	4 454,113	57 670,553	12,948	12,478	94	82	4 783	6,643	17,203	2,589	2,120
45	33	96 681	4 144,426	53 216,440	12,840	12,371	95	83	3 328	4,310	10,559	2,450	1,980
46	34	96 466	3 855,653	49 072,015	12,727	12,257	96	84	2 230	2,692	6,249	2,321	1,851
47	35	96 230	3 586,229	45 216,361	12,608	12,138	97	85	1 431	1,611	3,557	2,208	1,738
48	36	95 961	3 334,450	41 630,132	12,485	12,015	98	86	884	0,928	1,946	2,097	1,627
49	37	95 663	3 099,406	38 295,682	12,356	11,886	99	87	524	0,513	1,018	1,985	1,515
							100	88	292	0,267	0,505	1,894	1,424

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	37	95 383	2 881,402	35 268,275	12,240	11,770
1							51	38	95 028	2 676,637	32 386,873	12,100	11,630
2							52	39	94 636	2 485,391	29 710,236	11,954	11,484
3							53	40	94 196	2 306,619	27 224,845	11,803	11,333
4							54	41	93 712	2 139,630	24 918,226	11,646	11,176
5							55	42	93 174	1 983,547	22 778,596	11,484	11,014
6							56	43	92 569	1 837,459	20 795,049	11,317	10,847
7							57	44	91 901	1 700,873	18 957,590	11,146	10,676
8							58	45	91 165	1 573,194	17 256,717	10,969	10,499
9							59	46	90 363	1 453,952	15 683,523	10,787	10,317
10							60	47	89 472	1 342,295	14 229,571	10,601	10,131
11							61	48	88 502	1 237,989	12 887,276	10,410	9,940
12							62	49	87 431	1 140,342	11 649,287	10,216	9,746
13	0	99 535	40 069,024	579 079,464	14,452	13,982	63	50	86 258	1 048,989	10 508,945	10,018	9,548
14	1	99 237	37 248,892	539 010,439	14,471	14,001	64	51	84 984	963,628	9 459,956	9,817	9,347
15	2	99 203	34 718,888	501 761,547	14,452	13,982	65	52	83 609	883,950	8 496,328	9,612	9,142
16	3	99 175	32 362,639	467 042,659	14,432	13,962	66	53	82 144	809,753	7 612,379	9,401	8,931
17	4	99 142	30 165,047	434 680,020	14,410	13,940	67	54	80 564	740,491	6 802,625	9,187	8,717
18	5	99 107	28 115,830	404 514,973	14,387	13,918	68	55	78 889	676,084	6 062,134	8,967	8,497
19	6	99 062	26 203,326	376 399,143	14,365	13,895	69	56	77 099	616,078	5 386,050	8,742	8,273
20	7	99 014	24 420,364	350 195,817	14,340	13,870	70	57	75 218	560,420	4 769,972	8,511	8,042
21	8	98 969	22 759,090	325 775,453	14,314	13,844	71	58	73 249	508,855	4 209,552	8,273	7,803
22	9	98 922	21 210,486	303 016,363	14,286	13,816	72	59	71 124	460,694	3 700,698	8,033	7,563
23	10	98 875	19 767,335	281 805,877	14,256	13,786	73	60	68 934	416,323	3 240,004	7,782	7,313
24	11	98 828	18 422,313	262 038,542	14,224	13,754	74	61	66 603	375,056	2 823,681	7,529	7,059
25	12	98 775	17 167,793	243 616,230	14,190	13,720	75	62	64 166	336,905	2 448,625	7,268	6,798
26	13	98 725	15 999,185	226 448,437	14,154	13,684	76	63	61 590	301,518	2 111,721	7,004	6,534
27	14	98 674	14 909,903	210 449,252	14,115	13,645	77	64	58 882	268,778	1 810,203	6,735	6,265
28	15	98 620	13 894,473	195 539,350	14,073	13,603	78	65	56 093	238,737	1 541,425	6,457	5,987
29	16	98 563	12 947,728	181 644,877	14,029	13,559	79	66	53 155	210,940	1 302,688	6,176	5,706
30	17	98 502	12 064,975	168 697,149	13,982	13,512	80	67	50 083	185,313	1 091,748	5,891	5,421
31	18	98 437	11 241,996	156 632,173	13,933	13,463	81	68	46 847	161,620	906,435	5,608	5,139
32	19	98 365	10 474,334	145 390,177	13,881	13,411	82	69	43 484	139,879	744,815	5,325	4,855
33	20	98 289	9 758,708	134 915,843	13,825	13,355	83	70	39 999	119,971	604,935	5,042	4,572
34	21	98 204	9 091,161	125 157,135	13,767	13,297	84	71	36 377	101,731	484,964	4,767	4,297
35	22	98 118	8 469,212	116 065,974	13,704	13,235	85	72	32 661	85,164	383,234	4,500	4,030
36	23	98 027	7 889,415	107 596,762	13,638	13,168	86	73	28 894	70,249	298,070	4,243	3,773
37	24	97 925	7 348,400	99 707,347	13,569	13,099	87	74	25 152	57,018	227,821	3,996	3,526
38	25	97 811	6 843,695	92 358,947	13,495	13,026	88	75	21 508	45,462	170,802	3,757	3,287
39	26	97 693	6 373,345	85 515,252	13,418	12,948	89	76	17 983	35,441	125,341	3,537	3,067
40	27	97 563	5 934,594	79 141,906	13,336	12,866	90	77	14 680	26,976	89,899	3,333	2,863
41	28	97 421	5 525,414	73 207,313	13,249	12,779	91	78	11 701	20,048	62,924	3,139	2,669
42	29	97 257	5 143,202	67 681,899	13,159	12,690	92	79	9 098	14,535	42,876	2,950	2,480
43	30	97 095	4 787,561	62 538,697	13,063	12,593	93	80	6 843	10,193	28,341	2,780	2,310
44	31	96 913	4 455,548	57 751,136	12,962	12,492	94	81	4 985	6,923	18,148	2,621	2,151
45	32	96 714	4 145,818	53 295,588	12,855	12,385	95	82	3 492	4,522	11,224	2,482	2,012
46	33	96 500	3 857,004	49 149,770	12,743	12,273	96	83	2 360	2,849	6,702	2,352	1,882
47	34	96 267	3 587,599	45 292,766	12,625	12,155	97	84	1 528	1,721	3,853	2,239	1,769
48	35	96 006	3 336,007	41 705,167	12,502	12,032	98	85	954	1,002	2,132	2,128	1,658
49	36	95 709	3 100,885	38 369,159	12,374	11,904	99	86	573	0,561	1,130	2,015	1,545
							100	87	325	0,296	0,569	1,922	1,452

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	2 882,777	35 333,979	12,257	11,787
1							51	37	95 076	2 677,989	32 451,202	12,118	11,648
2							52	38	94 688	2 486,769	29 773,213	11,973	11,503
3							53	39	94 257	2 308,121	27 286,444	11,822	11,352
4							54	40	93 771	2 140,986	24 978,324	11,667	11,197
5							55	41	93 242	1 985,001	22 837,338	11,505	11,035
6							56	42	92 644	1 838,943	20 852,337	11,339	10,869
7							57	43	91 983	1 702,398	19 013,393	11,169	10,699
8							58	44	91 251	1 574,684	17 310,996	10,993	10,523
9							59	45	90 460	1 455,518	15 736,312	10,811	10,342
10							60	46	89 578	1 343,886	14 280,794	10,626	10,157
11							61	47	88 617	1 239,599	12 936,908	10,436	9,966
12							62	48	87 564	1 142,074	11 697,308	10,242	9,772
13							63	49	86 404	1 050,759	10 555,234	10,045	9,575
14	0	99 525	37 356,924	539 242,906	14,435	13,965	64	50	85 141	965,408	9 504,475	9,845	9,375
15	1	99 225	34 726,611	501 885,982	14,452	13,983	65	51	83 783	885,789	8 539,067	9,640	9,170
16	2	99 188	32 366,892	467 159,371	14,433	13,963	66	52	82 325	811,542	7 653,278	9,431	8,961
17	3	99 152	30 168,055	434 792,479	14,412	13,942	67	53	80 764	742,331	6 841,736	9,217	8,747
18	4	99 116	28 118,418	404 624,424	14,390	13,920	68	54	79 107	677,951	6 099,405	8,997	8,527
19	5	99 068	26 205,107	376 506,006	14,368	13,898	69	55	77 340	618,002	5 421,454	8,773	8,303
20	6	99 022	24 422,147	350 300,899	14,344	13,874	70	56	75 474	562,321	4 803,452	8,542	8,072
21	7	98 973	22 760,174	325 878,752	14,318	13,848	71	57	73 525	510,773	4 241,131	8,303	7,833
22	8	98 929	21 212,014	303 118,578	14,290	13,820	72	58	71 422	462,625	3 730,358	8,063	7,594
23	9	98 880	19 768,386	281 906,563	14,260	13,791	73	59	69 255	418,261	3 267,733	7,813	7,343
24	10	98 833	18 423,337	262 138,178	14,229	13,759	74	60	66 947	376,988	2 849,472	7,559	7,089
25	11	98 783	17 169,113	243 714,841	14,195	13,725	75	61	64 526	338,797	2 472,483	7,298	6,828
26	12	98 731	16 000,196	226 545,728	14,159	13,689	76	62	61 969	303,375	2 133,686	7,033	6,563
27	13	98 682	14 911,081	210 545,532	14,120	13,650	77	63	59 283	270,608	1 830,311	6,764	6,294
28	14	98 629	13 895,755	195 634,451	14,079	13,609	78	64	56 512	240,519	1 559,704	6,485	6,015
29	15	98 575	12 949,227	181 738,696	14,035	13,565	79	65	53 585	212,644	1 319,185	6,204	5,734
30	16	98 515	12 066,518	168 789,469	13,988	13,518	80	66	50 525	186,950	1 106,541	5,919	5,449
31	17	98 450	11 243,454	156 722,950	13,939	13,469	81	67	47 289	163,147	919,591	5,637	5,167
32	18	98 381	10 476,034	145 479,497	13,887	13,417	82	68	43 933	141,322	756,444	5,353	4,883
33	19	98 305	9 760,313	135 003,462	13,832	13,362	83	69	40 466	121,372	615,122	5,068	4,598
34	20	98 220	9 092,649	125 243,150	13,774	13,304	84	70	36 839	103,024	493,750	4,793	4,323
35	21	98 135	8 470,650	116 150,500	13,712	13,242	85	71	33 118	86,357	390,726	4,525	4,055
36	22	98 044	7 890,739	107 679,850	13,646	13,176	86	72	29 332	71,315	304,369	4,268	3,798
37	23	97 941	7 349,602	99 789,111	13,577	13,108	87	73	25 581	57,989	233,054	4,019	3,549
38	24	97 827	6 844,820	92 439,509	13,505	13,035	88	74	21 907	46,304	175,065	3,781	3,311
39	25	97 712	6 374,585	85 594,690	13,427	12,958	89	75	18 352	36,169	128,761	3,560	3,090
40	26	97 580	5 935,652	79 220,105	13,346	12,877	90	76	15 013	27,587	92,592	3,356	2,887
41	27	97 442	5 526,573	73 284,453	13,260	12,790	91	77	11 988	20,540	65,005	3,165	2,695
42	28	97 280	5 144,427	67 757,881	13,171	12,701	92	78	9 353	14,941	44,466	2,976	2,506
43	29	97 119	4 788,743	62 613,454	13,075	12,605	93	79	7 061	10,517	29,524	2,807	2,337
44	30	96 940	4 456,808	57 824,711	12,974	12,505	94	80	5 167	7,176	19,007	2,649	2,179
45	31	96 745	4 147,154	53 367,903	12,869	12,399	95	81	3 639	4,713	11,831	2,510	2,040
46	32	96 532	3 858,300	49 220,750	12,757	12,287	96	82	2 476	2,990	7,118	2,381	1,911
47	33	96 301	3 588,856	45 362,449	12,640	12,170	97	83	1 618	1,821	4,128	2,267	1,797
48	34	96 042	3 337,281	41 773,593	12,517	12,047	98	84	1 019	1,070	2,307	2,155	1,686
49	35	95 754	3 102,333	38 436,312	12,389	11,920	99	85	618	0,605	1,237	2,043	1,573
							100	86	355	0,324	0,631	1,950	1,480

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	2 884,123	35 394,018	12,272	11,802
1							51	36	95 121	2 679,266	32 509,894	12,134	11,664
2							52	37	94 736	2 488,025	29 830,628	11,990	11,520
3							53	38	94 310	2 309,400	27 342,603	11,840	11,370
4							54	39	93 832	2 142,380	25 033,202	11,685	11,215
5							55	40	93 301	1 986,259	22 890,823	11,525	11,055
6							56	41	92 712	1 840,292	20 904,564	11,359	10,889
7							57	42	92 057	1 703,772	19 064,272	11,189	10,720
8							58	43	91 333	1 576,095	17 360,499	11,015	10,545
9							59	44	90 546	1 456,896	15 784,404	10,834	10,364
10							60	45	89 674	1 345,333	14 327,508	10,650	10,180
11							61	46	88 722	1 241,069	12 982,174	10,460	9,991
12							62	47	87 678	1 143,560	11 741,105	10,267	9,797
13							63	48	86 535	1 052,355	10 597,545	10,070	9,600
14							64	49	85 285	967,036	9 545,190	9,871	9,401
15	0	99 513	34 827,328	502 100,109	14,417	13,947	65	50	83 938	887,425	8 578,153	9,666	9,196
16	1	99 210	32 374,092	467 272,782	14,434	13,964	66	51	82 497	813,231	7 690,728	9,457	8,987
17	2	99 165	30 172,019	434 898,689	14,414	13,944	67	52	80 942	743,971	6 877,497	9,244	8,774
18	3	99 126	28 121,222	404 726,670	14,392	13,922	68	53	79 304	679,636	6 133,526	9,025	8,555
19	4	99 077	26 207,519	376 605,448	14,370	13,900	69	54	77 553	619,709	5 453,890	8,801	8,331
20	5	99 028	24 423,806	350 397,929	14,347	13,877	70	55	75 709	564,077	4 834,182	8,570	8,100
21	6	98 981	22 761,836	325 974,122	14,321	13,851	71	56	73 775	512,506	4 270,105	8,332	7,862
22	7	98 933	21 213,025	303 212,286	14,294	13,824	72	57	71 692	464,369	3 757,599	8,092	7,622
23	8	98 887	19 769,810	281 999,261	14,264	13,794	73	58	69 545	420,014	3 293,230	7,841	7,371
24	9	98 839	18 424,316	262 229,451	14,233	13,763	74	59	67 258	378,744	2 873,216	7,586	7,116
25	10	98 788	17 170,068	243 805,135	14,199	13,730	75	60	64 859	340,543	2 494,472	7,325	6,855
26	11	98 739	16 001,427	226 635,067	14,163	13,694	76	61	62 317	305,079	2 153,929	7,060	6,590
27	12	98 688	14 912,024	210 633,640	14,125	13,655	77	62	59 648	272,274	1 848,850	6,790	6,320
28	13	98 637	13 896,853	195 721,617	14,084	13,614	78	63	56 896	242,156	1 576,575	6,511	6,041
29	14	98 584	12 950,422	181 824,764	14,040	13,570	79	64	53 985	214,231	1 334,419	6,229	5,759
30	15	98 526	12 067,915	168 874,342	13,994	13,524	80	65	50 934	188,460	1 120,188	5,944	5,474
31	16	98 463	11 244,891	156 806,426	13,945	13,475	81	66	47 707	164,588	931,728	5,661	5,191
32	17	98 394	10 477,393	145 561,535	13,893	13,423	82	67	44 348	142,656	767,139	5,378	4,908
33	18	98 321	9 761,897	135 084,142	13,838	13,368	83	68	40 884	122,624	624,483	5,093	4,623
34	19	98 236	9 094,144	125 322,245	13,781	13,311	84	69	37 270	104,227	501,859	4,815	4,345
35	20	98 151	8 472,037	116 228,101	13,719	13,249	85	70	33 539	87,455	397,632	4,547	4,077
36	21	98 061	7 892,079	107 756,064	13,654	13,184	86	71	29 743	72,314	310,177	4,289	3,819
37	22	97 957	7 350,835	99 863,985	13,585	13,115	87	72	25 969	58,869	237,863	4,041	3,571
38	23	97 843	6 845,940	92 513,150	13,514	13,044	88	73	22 280	47,092	178,994	3,801	3,331
39	24	97 728	6 375,632	85 667,210	13,437	12,967	89	74	18 693	36,839	131,902	3,580	3,111
40	25	97 599	5 936,806	79 291,579	13,356	12,886	90	75	15 321	28,153	95,063	3,377	2,907
41	26	97 459	5 527,558	73 354,773	13,271	12,801	91	76	12 259	21,005	66,910	3,185	2,716
42	27	97 300	5 145,506	67 827,215	13,182	12,712	92	77	9 582	15,308	45,905	2,999	2,529
43	28	97 142	4 789,883	62 681,709	13,086	12,616	93	78	7 258	10,812	30,597	2,830	2,360
44	29	96 964	4 457,908	57 891,826	12,986	12,516	94	79	5 331	7,404	19,786	2,672	2,202
45	30	96 772	4 148,327	53 433,918	12,881	12,411	95	80	3 772	4,885	12,381	2,534	2,065
46	31	96 563	3 859,543	49 285,591	12,770	12,300	96	81	2 581	3,116	7,496	2,406	1,936
47	32	96 333	3 590,062	45 426,048	12,653	12,183	97	82	1 697	1,911	4,380	2,292	1,822
48	33	96 076	3 338,451	41 835,986	12,532	12,062	98	83	1 079	1,133	2,469	2,180	1,710
49	34	95 790	3 103,518	38 497,536	12,404	11,935	99	84	661	0,647	1,337	2,067	1,597
							100	85	383	0,350	0,690	1,974	1,504

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	2 885,225	35 448,742	12,286	11,816
1							51	35	95 166	2 680,518	32 563,517	12,148	11,678
2							52	36	94 781	2 489,212	29 882,999	12,005	11,535
3							53	37	94 357	2 310,567	27 393,787	11,856	11,386
4							54	38	93 884	2 143,567	25 083,219	11,702	11,232
5							55	39	93 362	1 987,552	22 939,652	11,542	11,072
6							56	40	92 771	1 841,458	20 952,100	11,378	10,908
7							57	41	92 125	1 705,022	19 110,642	11,208	10,739
8							58	42	91 406	1 577,368	17 405,620	11,035	10,565
9							59	43	90 627	1 458,202	15 828,252	10,855	10,385
10							60	44	89 759	1 346,607	14 370,050	10,671	10,201
11							61	45	88 818	1 242,405	13 023,443	10,482	10,013
12							62	46	87 782	1 144,916	11 781,037	10,290	9,820
13							63	47	86 648	1 053,725	10 636,121	10,094	9,624
14							64	48	85 414	968,506	9 582,397	9,894	9,424
15							65	49	84 079	888,922	8 613,891	9,690	9,220
16	0	99 497	32 467,986	467 470,021	14,398	13,928	66	50	82 649	814,733	7 724,968	9,482	9,012
17	1	99 187	30 178,731	435 002,036	14,414	13,944	67	51	81 111	745,519	6 910,235	9,269	8,799
18	2	99 139	28 124,918	404 823,304	14,394	13,924	68	52	79 479	681,137	6 164,716	9,051	8,581
19	3	99 087	26 210,132	376 698,387	14,372	13,902	69	53	77 746	621,248	5 483,579	8,827	8,357
20	4	99 037	24 426,055	350 488,254	14,349	13,879	70	54	75 918	565,635	4 862,330	8,596	8,126
21	5	98 987	22 763,383	326 062,199	14,324	13,854	71	55	74 005	514,106	4 296,696	8,358	7,888
22	6	98 941	21 214,574	303 298,816	14,297	13,827	72	56	71 935	465,944	3 782,589	8,118	7,648
23	7	98 892	19 770,752	282 084,243	14,268	13,798	73	57	69 807	421,598	3 316,645	7,867	7,397
24	8	98 846	18 425,644	262 313,491	14,236	13,766	74	58	67 540	380,331	2 895,047	7,612	7,142
25	9	98 793	17 170,980	243 887,847	14,203	13,734	75	59	65 161	342,129	2 514,716	7,350	6,880
26	10	98 744	16 002,316	226 716,866	14,168	13,698	76	60	62 638	306,651	2 172,587	7,085	6,615
27	11	98 695	14 913,170	210 714,550	14,129	13,660	77	61	59 983	273,804	1 865,936	6,815	6,345
28	12	98 643	13 897,731	195 801,380	14,089	13,619	78	62	57 247	243,648	1 592,132	6,535	6,065
29	13	98 592	12 951,446	181 903,648	14,045	13,575	79	63	54 352	215,689	1 348,485	6,252	5,782
30	14	98 535	12 069,029	168 952,202	13,999	13,529	80	64	51 314	189,867	1 132,795	5,966	5,496
31	15	98 474	11 246,193	156 883,174	13,950	13,480	81	65	48 092	165,918	942,928	5,683	5,213
32	16	98 406	10 478,733	145 636,981	13,898	13,428	82	66	44 739	143,917	777,010	5,399	4,929
33	17	98 333	9 763,163	135 158,248	13,844	13,374	83	67	41 270	123,782	633,093	5,115	4,645
34	18	98 252	9 095,621	125 395,085	13,786	13,316	84	68	37 654	105,302	509,311	4,837	4,367
35	19	98 167	8 473,430	116 299,465	13,725	13,255	85	69	33 931	88,476	404,009	4,566	4,096
36	20	98 077	7 893,371	107 826,035	13,660	13,190	86	70	30 121	73,233	315,533	4,309	3,839
37	21	97 974	7 352,083	99 932,664	13,592	13,123	87	71	26 333	59,694	242,300	4,059	3,589
38	22	97 860	6 847,088	92 580,581	13,521	13,051	88	72	22 618	47,807	182,607	3,820	3,350
39	23	97 744	6 376,675	85 733,492	13,445	12,975	89	73	19 011	37,466	134,800	3,598	3,128
40	24	97 615	5 937,781	79 356,817	13,365	12,895	90	74	15 605	28,675	97,334	3,394	2,925
41	25	97 478	5 528,633	73 419,036	13,280	12,810	91	75	12 511	21,436	68,659	3,203	2,733
42	26	97 318	5 146,423	67 890,403	13,192	12,722	92	76	9 799	15,655	47,223	3,017	2,547
43	27	97 163	4 790,888	62 743,980	13,097	12,627	93	77	7 436	11,077	31,568	2,850	2,380
44	28	96 987	4 458,969	57 953,092	12,997	12,527	94	78	5 480	7,611	20,492	2,692	2,222
45	29	96 796	4 149,351	53 494,123	12,892	12,422	95	79	3 892	5,041	12,880	2,555	2,085
46	30	96 591	3 860,635	49 344,773	12,782	12,312	96	80	2 675	3,230	7,840	2,427	1,957
47	31	96 364	3 591,218	45 484,138	12,665	12,195	97	81	1 769	1,991	4,610	2,315	1,845
48	32	96 108	3 339,572	41 892,919	12,544	12,074	98	82	1 132	1,189	2,618	2,203	1,733
49	33	95 824	3 104,605	38 553,347	12,418	11,948	99	83	699	0,684	1,430	2,089	1,619
							100	84	409	0,373	0,745	1,997	1,527

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	2 886,236	35 498,614	12,299	11,829
1							51	34	95 202	2 681,542	32 612,379	12,162	11,692
2							52	35	94 825	2 490,375	29 930,837	12,019	11,549
3							53	36	94 402	2 311,669	27 440,462	11,870	11,401
4							54	37	93 931	2 144,650	25 128,792	11,717	11,247
5							55	38	93 414	1 988,654	22 984,142	11,558	11,088
6							56	39	92 831	1 842,657	20 995,488	11,394	10,924
7							57	40	92 183	1 706,102	19 152,831	11,226	10,756
8							58	41	91 473	1 578,525	17 446,729	11,053	10,583
9							59	42	90 700	1 459,380	15 868,204	10,873	10,403
10							60	43	89 840	1 347,814	14 408,824	10,691	10,221
11							61	44	88 902	1 243,582	13 061,010	10,503	10,033
12							62	45	87 877	1 146,149	11 817,428	10,311	9,841
13							63	46	86 750	1 054,974	10 671,279	10,115	9,645
14							64	47	85 525	969,766	9 616,305	9,916	9,446
15							65	48	84 207	890,273	8 646,539	9,712	9,242
16							66	49	82 788	816,108	7 756,267	9,504	9,034
17	0	99 475	30 266,258	435 183,722	14,379	13,909	67	50	81 260	746,896	6 940,159	9,292	8,822
18	1	99 161	28 131,174	404 917,464	14,394	13,924	68	51	79 644	682,555	6 193,263	9,074	8,604
19	2	99 100	26 213,577	376 786,290	14,374	13,904	69	52	77 918	622,621	5 510,708	8,851	8,381
20	3	99 047	24 428,490	350 572,713	14,351	13,881	70	53	76 107	567,040	4 888,087	8,620	8,150
21	4	98 997	22 765,479	326 144,223	14,326	13,856	71	54	74 209	515,526	4 321,047	8,382	7,912
22	5	98 947	21 216,015	303 378,744	14,300	13,830	72	55	72 160	467,399	3 805,521	8,142	7,672
23	6	98 899	19 772,196	282 162,729	14,271	13,801	73	56	70 044	423,028	3 338,121	7,891	7,421
24	7	98 850	18 426,522	262 390,533	14,240	13,770	74	57	67 795	381,765	2 915,093	7,636	7,166
25	8	98 800	17 172,218	243 964,012	14,207	13,737	75	58	65 434	343,563	2 533,328	7,374	6,904
26	9	98 750	16 003,167	226 791,794	14,172	13,702	76	59	62 930	308,079	2 189,765	7,108	6,638
27	10	98 701	14 914,000	210 788,627	14,134	13,664	77	60	60 293	275,215	1 881,686	6,837	6,367
28	11	98 651	13 898,800	195 874,627	14,093	13,623	78	61	57 568	245,016	1 606,471	6,557	6,087
29	12	98 598	12 952,264	181 975,827	14,050	13,580	79	62	54 687	217,018	1 361,455	6,273	5,804
30	13	98 543	12 069,983	169 023,563	14,004	13,534	80	63	51 663	191,159	1 144,437	5,987	5,517
31	14	98 483	11 247,231	156 953,580	13,955	13,485	81	64	48 451	167,156	953,278	5,703	5,233
32	15	98 418	10 479,946	145 706,349	13,903	13,433	82	65	45 101	145,080	786,121	5,419	4,949
33	16	98 346	9 764,411	135 226,404	13,849	13,379	83	66	41 634	124,875	641,042	5,133	4,664
34	17	98 265	9 096,800	125 461,992	13,792	13,322	84	67	38 010	106,297	516,166	4,856	4,386
35	18	98 183	8 474,805	116 365,192	13,731	13,261	85	68	34 281	89,388	409,870	4,585	4,115
36	19	98 093	7 894,669	107 890,387	13,666	13,196	86	69	30 473	74,088	320,481	4,326	3,856
37	20	97 990	7 353,287	99 995,718	13,599	13,129	87	70	26 667	60,452	246,393	4,076	3,606
38	21	97 876	6 848,251	92 642,431	13,528	13,058	88	71	22 935	48,477	185,941	3,836	3,366
39	22	97 760	6 377,745	85 794,180	13,452	12,982	89	72	19 299	38,035	137,464	3,614	3,144
40	23	97 631	5 938,753	79 416,435	13,373	12,903	90	73	15 870	29,163	99,429	3,409	2,940
41	24	97 494	5 529,541	73 477,683	13,288	12,818	91	74	12 743	21,833	70,267	3,218	2,748
42	25	97 337	5 147,424	67 948,141	13,200	12,731	92	75	10 000	15,976	48,433	3,032	2,562
43	26	97 180	4 791,742	62 800,718	13,106	12,636	93	76	7 605	11,328	32,457	2,865	2,395
44	27	97 008	4 459,905	58 008,976	13,007	12,537	94	77	5 615	7,798	21,130	2,710	2,240
45	28	96 819	4 150,339	53 549,071	12,902	12,432	95	78	4 001	5,181	13,332	2,573	2,103
46	29	96 614	3 861,588	49 398,733	12,792	12,322	96	79	2 760	3,333	8,150	2,446	1,976
47	30	96 391	3 592,234	45 537,145	12,677	12,207	97	80	1 834	2,064	4,818	2,334	1,864
48	31	96 139	3 340,648	41 944,911	12,556	12,086	98	81	1 180	1,239	2,753	2,223	1,753
49	32	95 856	3 105,649	38 604,263	12,430	11,960	99	82	734	0,718	1,515	2,110	1,640
							100	83	433	0,395	0,797	2,016	1,546

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	2 887,206	35 544,102	12,311	11,841
1							51	33	95 236	2 682,481	32 656,896	12,174	11,704
2							52	34	94 862	2 491,326	29 974,415	12,032	11,562
3							53	35	94 446	2 312,749	27 483,088	11,883	11,413
4							54	36	93 976	2 145,673	25 170,339	11,731	11,261
5							55	37	93 461	1 989,659	23 024,666	11,572	11,102
6							56	38	92 883	1 843,678	21 035,007	11,409	10,939
7							57	39	92 243	1 707,213	19 191,329	11,241	10,771
8							58	40	91 531	1 579,525	17 484,116	11,069	10,599
9							59	41	90 767	1 460,450	15 904,590	10,890	10,420
10							60	42	89 912	1 348,903	14 444,140	10,708	10,238
11							61	43	88 981	1 244,697	13 095,238	10,521	10,051
12							62	44	87 960	1 147,234	11 850,541	10,330	9,860
13							63	45	86 844	1 056,110	10 703,307	10,135	9,665
14							64	46	85 627	970,916	9 647,197	9,936	9,466
15							65	47	84 316	891,431	8 676,282	9,733	9,263
16							66	48	82 914	817,348	7 784,850	9,525	9,055
17							67	49	81 398	748,156	6 967,503	9,313	8,843
18	0	99 448	28 212,762	405 084,828	14,358	13,888	68	50	79 791	683,816	6 219,346	9,095	8,625
19	1	99 122	26 219,409	376 872,066	14,374	13,904	69	51	78 080	623,916	5 535,531	8,872	8,402
20	2	99 060	24 431,701	350 652,657	14,352	13,882	70	52	76 275	568,293	4 911,614	8,643	8,173
21	3	99 006	22 767,749	326 220,957	14,328	13,858	71	53	74 394	516,807	4 343,321	8,404	7,934
22	4	98 957	21 217,968	303 453,208	14,302	13,832	72	54	72 359	468,690	3 826,514	8,164	7,694
23	5	98 906	19 773,539	282 235,240	14,273	13,803	73	55	70 263	424,349	3 357,824	7,913	7,443
24	6	98 858	18 427,867	262 461,701	14,243	13,773	74	56	68 025	383,060	2 933,475	7,658	7,188
25	7	98 805	17 173,036	244 033,833	14,210	13,740	75	57	65 681	344,858	2 550,415	7,396	6,926
26	8	98 757	16 004,320	226 860,798	14,175	13,705	76	58	63 194	309,370	2 205,557	7,129	6,659
27	9	98 706	14 914,792	210 856,477	14,137	13,668	77	59	60 573	276,496	1 896,187	6,858	6,388
28	10	98 657	13 899,573	195 941,685	14,097	13,627	78	60	57 865	246,279	1 619,690	6,577	6,107
29	11	98 605	12 953,260	182 042,112	14,054	13,584	79	61	54 994	218,237	1 373,411	6,293	5,823
30	12	98 549	12 070,745	169 088,852	14,008	13,538	80	62	51 981	192,337	1 155,174	6,006	5,536
31	13	98 491	11 248,120	157 018,106	13,959	13,490	81	63	48 781	168,294	962,837	5,721	5,251
32	14	98 427	10 480,913	145 769,986	13,908	13,438	82	64	45 437	146,162	794,543	5,436	4,966
33	15	98 357	9 765,542	135 289,074	13,854	13,384	83	65	41 971	125,884	648,381	5,151	4,681
34	16	98 277	9 097,963	125 523,532	13,797	13,327	84	66	38 345	107,236	522,497	4,872	4,403
35	17	98 195	8 475,904	116 425,569	13,736	13,266	85	67	34 605	90,233	415,261	4,602	4,132
36	18	98 109	7 895,950	107 949,665	13,672	13,202	86	68	30 787	74,852	325,028	4,342	3,872
37	19	98 006	7 354,496	100 053,714	13,604	13,135	87	69	26 979	61,158	250,176	4,091	3,621
38	20	97 892	6 849,372	92 699,218	13,534	13,064	88	70	23 226	49,093	189,017	3,850	3,380
39	21	97 777	6 378,828	85 849,846	13,459	12,989	89	71	19 570	38,567	139,925	3,628	3,158
40	22	97 647	5 939,749	79 471,018	13,380	12,910	90	72	16 111	29,605	101,357	3,424	2,954
41	23	97 510	5 530,446	73 531,269	13,296	12,826	91	73	12 960	22,205	71,752	3,231	2,761
42	24	97 353	5 148,270	68 000,823	13,208	12,739	92	74	10 186	16,272	49,547	3,045	2,575
43	25	97 199	4 792,673	62 852,554	13,114	12,644	93	75	7 761	11,560	33,275	2,878	2,409
44	26	97 025	4 460,700	58 059,880	13,016	12,546	94	76	5 742	7,975	21,715	2,723	2,253
45	27	96 840	4 151,209	53 599,181	12,912	12,442	95	77	4 099	5,309	13,740	2,588	2,118
46	28	96 637	3 862,507	49 447,971	12,802	12,332	96	78	2 837	3,426	8,431	2,461	1,991
47	29	96 415	3 593,121	45 585,465	12,687	12,217	97	79	1 892	2,130	5,006	2,350	1,880
48	30	96 167	3 341,593	41 992,344	12,567	12,097	98	80	1 223	1,284	2,876	2,240	1,770
49	31	95 887	3 106,649	38 650,751	12,441	11,971	99	81	765	0,748	1,592	2,127	1,657
							100	82	454	0,415	0,844	2,035	1,565

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	2 888,136	35 585,625	12,321	11,851
1							51	32	95 268	2 683,383	32 697,489	12,185	11,715
2							52	33	94 895	2 492,199	30 014,106	12,043	11,573
3							53	34	94 482	2 313,633	27 521,907	11,896	11,426
4							54	35	94 020	2 146,676	25 208,275	11,743	11,273
5							55	36	93 506	1 990,608	23 061,599	11,585	11,115
6							56	37	92 929	1 844,610	21 070,991	11,423	10,953
7							57	38	92 294	1 708,159	19 226,381	11,256	10,786
8							58	39	91 591	1 580,554	17 518,222	11,084	10,614
9							59	40	90 824	1 461,375	15 937,668	10,906	10,436
10							60	41	89 978	1 349,892	14 476,293	10,724	10,254
11							61	42	89 053	1 245,702	13 126,401	10,537	10,067
12							62	43	88 039	1 148,263	11 880,699	10,347	9,877
13							63	44	86 926	1 057,110	10 732,436	10,153	9,683
14							64	45	85 719	971,961	9 675,327	9,954	9,485
15							65	46	84 416	892,488	8 703,366	9,752	9,282
16							66	47	83 022	818,411	7 810,877	9,544	9,074
17							67	48	81 521	749,293	6 992,466	9,332	8,862
18							68	49	79 926	684,969	6 243,173	9,115	8,645
19	0	99 410	26 295,452	377 026,235	14,338	13,868	69	50	78 224	625,069	5 558,204	8,892	8,422
20	1	99 082	24 437,136	350 730,783	14,352	13,882	70	51	76 434	569,476	4 933,135	8,663	8,193
21	2	99 019	22 770,741	326 293,647	14,330	13,860	71	52	74 558	517,949	4 363,660	8,425	7,955
22	3	98 966	21 220,084	303 522,906	14,304	13,834	72	53	72 539	469,855	3 845,711	8,185	7,715
23	4	98 915	19 775,360	282 302,822	14,275	13,806	73	54	70 457	425,521	3 375,856	7,933	7,464
24	5	98 864	18 429,119	262 527,463	14,245	13,775	74	55	68 237	384,256	2 950,335	7,678	7,208
25	6	98 812	17 174,290	244 098,344	14,213	13,743	75	56	65 904	346,028	2 566,079	7,416	6,946
26	7	98 762	16 005,082	226 924,054	14,178	13,708	76	57	63 432	310,537	2 220,051	7,149	6,679
27	8	98 713	14 915,867	210 918,971	14,141	13,671	77	58	60 827	277,655	1 909,514	6,877	6,407
28	9	98 662	13 900,312	196 003,104	14,101	13,631	78	59	58 135	247,426	1 631,859	6,595	6,125
29	10	98 611	12 953,981	182 102,792	14,058	13,588	79	60	55 277	219,362	1 384,433	6,311	5,841
30	11	98 557	12 071,674	169 148,811	14,012	13,542	80	61	52 273	193,417	1 165,072	6,024	5,554
31	12	98 497	11 248,831	157 077,138	13,964	13,494	81	62	49 081	169,331	971,654	5,738	5,268
32	13	98 434	10 481,741	145 828,307	13,913	13,443	82	63	45 747	147,157	802,324	5,452	4,982
33	14	98 367	9 766,443	135 346,566	13,858	13,388	83	64	42 284	126,824	655,166	5,166	4,696
34	15	98 288	9 099,017	125 580,123	13,802	13,332	84	65	38 655	108,102	528,342	4,887	4,418
35	16	98 208	8 476,988	116 481,107	13,741	13,271	85	66	34 910	91,030	420,240	4,617	4,147
36	17	98 121	7 896,974	108 004,119	13,677	13,207	86	67	31 078	75,559	329,210	4,357	3,887
37	18	98 022	7 355,690	100 107,145	13,609	13,140	87	68	27 257	61,789	253,651	4,105	3,635
38	19	97 908	6 850,498	92 751,455	13,539	13,069	88	69	23 498	49,666	191,862	3,863	3,393
39	20	97 793	6 379,872	85 900,956	13,464	12,994	89	70	19 818	39,058	142,196	3,641	3,171
40	21	97 664	5 940,758	79 521,084	13,386	12,916	90	71	16 337	30,020	103,138	3,436	2,966
41	22	97 526	5 531,374	73 580,326	13,302	12,832	91	72	13 157	22,542	73,118	3,244	2,774
42	23	97 369	5 149,112	68 048,952	13,216	12,746	92	73	10 359	16,549	50,576	3,056	2,586
43	24	97 215	4 793,461	62 899,841	13,122	12,652	93	74	7 905	11,774	34,027	2,890	2,420
44	25	97 044	4 461,567	58 106,380	13,024	12,554	94	75	5 860	8,139	22,253	2,734	2,264
45	26	96 857	4 151,949	53 644,813	12,920	12,450	95	76	4 192	5,429	14,114	2,600	2,130
46	27	96 658	3 863,317	49 492,864	12,811	12,341	96	77	2 907	3,510	8,686	2,475	2,005
47	28	96 438	3 593,976	45 629,546	12,696	12,226	97	78	1 945	2,189	5,176	2,364	1,894
48	29	96 190	3 342,418	42 035,570	12,576	12,106	98	79	1 262	1,325	2,986	2,254	1,785
49	30	95 914	3 107,528	38 693,152	12,451	11,982	99	80	793	0,776	1,662	2,142	1,672
							100	81	474	0,432	0,886	2,051	1,581

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	2 888,952	35 623,489	12,331	11,861
1							51	31	95 298	2 684,247	32 734,537	12,195	11,725
2							52	32	94 927	2 493,037	30 050,290	12,054	11,584
3							53	33	94 516	2 314,443	27 557,253	11,907	11,437
4							54	34	94 056	2 147,496	25 242,810	11,755	11,285
5							55	35	93 549	1 991,538	23 095,314	11,597	11,127
6							56	36	92 974	1 845,490	21 103,776	11,435	10,965
7							57	37	92 341	1 709,022	19 258,286	11,269	10,799
8							58	38	91 642	1 581,430	17 549,264	11,097	10,627
9							59	39	90 884	1 462,327	15 967,834	10,919	10,450
10							60	40	90 035	1 350,747	14 505,508	10,739	10,269
11							61	41	89 118	1 246,615	13 154,760	10,552	10,082
12							62	42	88 110	1 149,190	11 908,145	10,362	9,892
13							63	43	87 004	1 058,057	10 758,955	10,169	9,699
14							64	44	85 800	972,881	9 700,898	9,971	9,501
15							65	45	84 507	893,449	8 728,016	9,769	9,299
16							66	46	83 120	819,381	7 834,567	9,562	9,092
17							67	47	81 627	750,268	7 015,186	9,350	8,880
18							68	48	80 047	686,010	6 264,918	9,132	8,663
19							69	49	78 356	626,123	5 578,908	8,910	8,440
20	0	99 370	24 508,010	350 872,803	14,317	13,847	70	50	76 575	570,528	4 952,785	8,681	8,211
21	1	99 041	22 775,806	326 364,793	14,329	13,860	71	51	74 713	519,027	4 382,257	8,443	7,973
22	2	98 979	21 222,873	303 588,987	14,305	13,835	72	52	72 699	470,893	3 863,230	8,204	7,734
23	3	98 925	19 777,331	282 366,114	14,277	13,807	73	53	70 632	426,578	3 392,338	7,952	7,483
24	4	98 873	18 430,816	262 588,783	14,247	13,777	74	54	68 426	385,318	2 965,759	7,697	7,227
25	5	98 819	17 175,457	244 157,967	14,216	13,746	75	55	66 109	347,109	2 580,442	7,434	6,964
26	6	98 769	16 006,251	226 982,510	14,181	13,711	76	56	63 647	311,590	2 233,333	7,168	6,698
27	7	98 718	14 916,578	210 976,259	14,144	13,674	77	57	61 057	278,702	1 921,743	6,895	6,425
28	8	98 669	13 901,314	196 059,681	14,104	13,634	78	58	58 378	248,463	1 643,041	6,613	6,143
29	9	98 616	12 954,669	182 158,367	14,061	13,591	79	59	55 535	220,383	1 394,578	6,328	5,858
30	10	98 562	12 072,345	169 203,698	14,016	13,546	80	60	52 543	194,414	1 174,195	6,040	5,570
31	11	98 505	11 249,696	157 131,353	13,968	13,498	81	61	49 357	170,282	979,781	5,754	5,284
32	12	98 441	10 482,404	145 881,658	13,917	13,447	82	62	46 029	148,064	809,499	5,467	4,997
33	13	98 374	9 767,215	135 399,254	13,863	13,393	83	63	42 572	127,687	661,436	5,180	4,710
34	14	98 298	9 099,856	125 632,039	13,806	13,336	84	64	38 944	108,909	533,749	4,901	4,431
35	15	98 219	8 477,969	116 532,183	13,745	13,275	85	65	35 192	91,765	424,840	4,630	4,160
36	16	98 134	7 897,984	108 054,214	13,681	13,211	86	66	31 353	76,227	333,074	4,370	3,900
37	17	98 035	7 356,644	100 156,230	13,614	13,144	87	67	27 514	62,373	256,847	4,118	3,648
38	18	97 924	6 851,610	92 799,586	13,544	13,074	88	68	23 740	50,178	194,475	3,876	3,406
39	19	97 809	6 380,921	85 947,976	13,470	13,000	89	69	20 050	39,514	144,297	3,652	3,182
40	20	97 680	5 941,730	79 567,055	13,391	12,921	90	70	16 545	30,402	104,783	3,447	2,977
41	21	97 543	5 532,313	73 625,324	13,308	12,838	91	71	13 341	22,858	74,381	3,254	2,784
42	22	97 385	5 149,976	68 093,011	13,222	12,752	92	72	10 516	16,800	51,523	3,067	2,597
43	23	97 231	4 794,245	62 943,035	13,129	12,659	93	73	8 039	11,975	34,723	2,900	2,430
44	24	97 060	4 462,300	58 148,790	13,031	12,561	94	74	5 969	8,289	22,748	2,744	2,274
45	25	96 876	4 152,757	53 686,490	12,928	12,458	95	75	4 278	5,540	14,459	2,610	2,140
46	26	96 675	3 864,006	49 533,734	12,819	12,349	96	76	2 973	3,589	8,919	2,485	2,015
47	27	96 458	3 594,730	45 669,728	12,705	12,235	97	77	1 992	2,243	5,330	2,376	1,906
48	28	96 213	3 343,214	42 074,998	12,585	12,115	98	78	1 297	1,362	3,087	2,267	1,797
49	29	95 938	3 108,295	38 731,784	12,461	11,991	99	79	818	0,800	1,725	2,155	1,685
							100	80	491	0,448	0,924	2,064	1,594

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	2 889,666	35 657,978	12,340	11,870
1							51	30	95 325	2 685,006	32 768,313	12,204	11,734
2							52	31	94 957	2 493,840	30 083,306	12,063	11,593
3							53	32	94 547	2 315,221	27 589,467	11,917	11,447
4							54	33	94 089	2 148,248	25 274,246	11,765	11,295
5							55	34	93 585	1 992,299	23 125,998	11,608	11,138
6							56	35	93 017	1 846,352	21 133,699	11,446	10,976
7							57	36	92 385	1 709,838	19 287,347	11,280	10,810
8							58	37	91 688	1 582,229	17 577,509	11,109	10,639
9							59	38	90 934	1 463,138	15 995,281	10,932	10,462
10							60	39	90 094	1 351,627	14 532,143	10,752	10,282
11							61	40	89 175	1 247,405	13 180,516	10,566	10,096
12							62	41	88 174	1 150,033	11 933,111	10,376	9,906
13							63	42	87 074	1 058,912	10 783,079	10,183	9,713
14							64	43	85 877	973,754	9 724,167	9,986	9,516
15							65	44	84 587	894,295	8 750,413	9,785	9,315
16							66	45	83 210	820,264	7 856,118	9,578	9,108
17							67	46	81 724	751,157	7 035,855	9,367	8,897
18							68	47	80 151	686,902	6 284,697	9,149	8,679
19							69	48	78 475	627,075	5 597,795	8,927	8,457
20							70	49	76 704	571,490	4 970,720	8,698	8,228
21	0	99 329	22 841,862	326 495,628	14,294	13,824	71	50	74 851	519,985	4 399,230	8,460	7,990
22	1	99 001	21 227,594	303 653,766	14,305	13,835	72	51	72 850	471,873	3 879,245	8,221	7,751
23	2	98 938	19 779,930	282 426,172	14,278	13,809	73	52	70 788	427,521	3 407,372	7,970	7,500
24	3	98 883	18 432,654	262 646,242	14,249	13,779	74	53	68 596	386,275	2 979,851	7,714	7,244
25	4	98 828	17 177,038	244 213,588	14,217	13,748	75	54	66 292	348,067	2 593,576	7,451	6,981
26	5	98 775	16 007,339	227 036,550	14,183	13,713	76	55	63 846	312,563	2 245,509	7,184	6,714
27	6	98 725	14 917,667	211 029,212	14,146	13,676	77	56	61 264	279,648	1 932,946	6,912	6,442
28	7	98 674	13 901,976	196 111,545	14,107	13,637	78	57	58 598	249,399	1 653,298	6,629	6,159
29	8	98 623	12 955,603	182 209,569	14,064	13,594	79	58	55 767	221,307	1 403,899	6,344	5,874
30	9	98 568	12 072,987	169 253,966	14,019	13,549	80	59	52 787	195,319	1 182,592	6,055	5,585
31	10	98 510	11 250,321	157 180,979	13,971	13,501	81	60	49 612	171,160	987,273	5,768	5,298
32	11	98 448	10 483,210	145 930,658	13,920	13,451	82	61	46 287	148,895	816,113	5,481	5,011
33	12	98 381	9 767,832	135 447,448	13,867	13,397	83	62	42 834	128,474	667,218	5,193	4,724
34	13	98 305	9 100,575	125 679,616	13,810	13,340	84	63	39 209	109,650	538,744	4,913	4,443
35	14	98 228	8 478,752	116 579,041	13,750	13,280	85	64	35 455	92,450	429,094	4,641	4,171
36	15	98 145	7 898,898	108 100,289	13,685	13,216	86	65	31 606	76,843	336,644	4,381	3,911
37	16	98 047	7 357,584	100 201,391	13,619	13,149	87	66	27 757	62,924	259,801	4,129	3,659
38	17	97 937	6 852,499	92 843,807	13,549	13,079	88	67	23 964	50,652	196,878	3,887	3,417
39	18	97 825	6 381,957	85 991,308	13,474	13,004	89	68	20 256	39,921	146,225	3,663	3,193
40	19	97 696	5 942,707	79 609,351	13,396	12,926	90	69	16 738	30,757	106,304	3,456	2,986
41	20	97 559	5 533,219	73 666,644	13,314	12,844	91	70	13 510	23,148	75,547	3,264	2,794
42	21	97 401	5 150,850	68 133,425	13,228	12,758	92	71	10 664	17,035	52,399	3,076	2,606
43	22	97 247	4 795,050	62 982,574	13,135	12,665	93	72	8 161	12,157	35,364	2,909	2,439
44	23	97 076	4 463,030	58 187,525	13,038	12,568	94	73	6 070	8,430	23,207	2,753	2,283
45	24	96 892	4 153,439	53 724,495	12,935	12,465	95	74	4 358	5,643	14,777	2,619	2,149
46	25	96 694	3 864,757	49 571,056	12,826	12,357	96	75	3 034	3,663	9,134	2,494	2,024
47	26	96 475	3 595,371	45 706,299	12,713	12,243	97	76	2 038	2,294	5,471	2,385	1,915
48	27	96 233	3 343,915	42 110,928	12,593	12,123	98	77	1 329	1,395	3,177	2,277	1,807
49	28	95 961	3 109,035	38 767,013	12,469	11,999	99	78	841	0,823	1,782	2,166	1,696
							100	79	506	0,462	0,959	2,075	1,605

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	28	95 679	2 890,353	35 689,422	12,348	11,878
1							51	29	95 349	2 685,669	32 799,069	12,213	11,743
2							52	30	94 984	2 494,545	30 113,400	12,072	11,602
3							53	31	94 578	2 315,967	27 618,855	11,925	11,456
4							54	32	94 121	2 148,970	25 302,888	11,774	11,305
5							55	33	93 618	1 992,997	23 153,918	11,618	11,148
6							56	34	93 053	1 847,057	21 160,922	11,457	10,987
7							57	35	92 428	1 710,636	19 313,864	11,290	10,821
8							58	36	91 732	1 582,984	17 603,228	11,120	10,650
9							59	37	90 980	1 463,877	16 020,244	10,944	10,474
10							60	38	90 144	1 352,376	14 556,368	10,764	10,294
11							61	39	89 233	1 248,217	13 203,992	10,578	10,108
12							62	40	88 230	1 150,761	11 955,774	10,389	9,920
13							63	41	87 138	1 059,689	10 805,013	10,196	9,727
14							64	42	85 946	974,540	9 745,325	10,000	9,530
15							65	43	84 663	895,097	8 770,785	9,799	9,329
16							66	44	83 289	821,040	7 875,688	9,592	9,122
17							67	45	81 812	751,966	7 054,648	9,382	8,912
18							68	46	80 246	687,717	6 302,682	9,165	8,695
19							69	47	78 577	627,891	5 614,965	8,943	8,473
20							70	48	76 821	572,358	4 987,074	8,713	8,243
21							71	49	74 978	520,863	4 414,716	8,476	8,006
22	0	99 289	21 289,160	303 774,306	14,269	13,799	72	50	72 985	472,744	3 893,853	8,237	7,767
23	1	98 960	19 784,331	282 485,146	14,278	13,808	73	51	70 935	428,410	3 421,109	7,986	7,516
24	2	98 896	18 435,076	262 700,816	14,250	13,780	74	52	68 747	387,128	2 992,699	7,731	7,261
25	3	98 838	17 178,751	244 265,740	14,219	13,749	75	53	66 457	348,932	2 605,570	7,467	6,997
26	4	98 785	16 008,812	227 086,989	14,185	13,715	76	54	64 022	313,426	2 256,638	7,200	6,730
27	5	98 732	14 918,681	211 078,176	14,149	13,679	77	55	61 455	280,521	1 943,212	6,927	6,457
28	6	98 681	13 902,991	196 159,496	14,109	13,639	78	56	58 797	250,246	1 662,691	6,644	6,174
29	7	98 628	12 956,220	182 256,505	14,067	13,597	79	57	55 978	222,141	1 412,445	6,358	5,888
30	8	98 575	12 073,857	169 300,285	14,022	13,552	80	58	53 008	196,138	1 190,304	6,069	5,599
31	9	98 515	11 250,919	157 226,428	13,975	13,505	81	59	49 843	171,956	994,166	5,782	5,312
32	10	98 454	10 483,793	145 975,509	13,924	13,454	82	60	46 526	149,663	822,210	5,494	5,024
33	11	98 388	9 768,583	135 491,716	13,870	13,400	83	61	43 075	129,195	672,547	5,206	4,736
34	12	98 312	9 101,150	125 723,133	13,814	13,344	84	62	39 450	110,326	543,352	4,925	4,455
35	13	98 236	8 479,422	116 621,983	13,754	13,284	85	63	35 696	93,080	433,026	4,652	4,182
36	14	98 154	7 899,627	108 142,561	13,690	13,220	86	64	31 842	77,416	339,947	4,391	3,921
37	15	98 059	7 358,436	100 242,934	13,623	13,153	87	65	27 982	63,432	262,531	4,139	3,669
38	16	97 949	6 853,375	92 884,497	13,553	13,083	88	66	24 176	51,100	199,099	3,896	3,426
39	17	97 837	6 382,785	86 031,122	13,479	13,009	89	67	20 448	40,298	147,999	3,673	3,203
40	18	97 712	5 943,672	79 648,338	13,401	12,931	90	68	16 910	31,074	107,700	3,466	2,996
41	19	97 575	5 534,128	73 704,666	13,318	12,848	91	69	13 668	23,419	76,627	3,272	2,802
42	20	97 417	5 151,694	68 170,537	13,233	12,763	92	70	10 799	17,252	53,208	3,084	2,614
43	21	97 264	4 795,864	63 018,844	13,140	12,670	93	71	8 276	12,327	35,956	2,917	2,447
44	22	97 092	4 463,779	58 222,980	13,043	12,574	94	72	6 162	8,558	23,629	2,761	2,291
45	23	96 908	4 154,118	53 759,201	12,941	12,471	95	73	4 432	5,739	15,071	2,626	2,156
46	24	96 710	3 865,392	49 605,083	12,833	12,363	96	74	3 090	3,731	9,332	2,501	2,031
47	25	96 494	3 596,070	45 739,690	12,719	12,249	97	75	2 079	2,341	5,601	2,393	1,923
48	26	96 251	3 344,511	42 143,620	12,601	12,131	98	76	1 359	1,427	3,260	2,285	1,815
49	27	95 981	3 109,687	38 799,109	12,477	12,007	99	77	861	0,843	1,833	2,175	1,705
							100	78	521	0,475	0,990	2,085	1,615

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	2 890,960	35 718,064	12,355	11,885
1							51	28	95 371	2 686,308	32 827,105	12,220	11,750
2							52	29	95 008	2 495,161	30 140,796	12,080	11,610
3							53	30	94 605	2 316,622	27 645,635	11,934	11,464
4							54	31	94 151	2 149,662	25 329,014	11,783	11,313
5							55	32	93 649	1 993,666	23 179,352	11,626	11,157
6							56	33	93 085	1 847,704	21 185,685	11,466	10,996
7							57	34	92 463	1 711,290	19 337,981	11,300	10,830
8							58	35	91 775	1 583,723	17 626,691	11,130	10,660
9							59	36	91 023	1 464,575	16 042,968	10,954	10,484
10							60	37	90 189	1 353,059	14 578,393	10,774	10,304
11							61	38	89 282	1 248,909	13 225,334	10,590	10,120
12							62	39	88 288	1 151,510	11 976,424	10,401	9,931
13							63	40	87 193	1 060,360	10 824,914	10,209	9,739
14							64	41	86 009	975,255	9 764,554	10,012	9,542
15							65	42	84 732	895,820	8 789,299	9,811	9,342
16							66	43	83 363	821,776	7 893,480	9,605	9,135
17							67	44	81 890	752,678	7 071,704	9,395	8,925
18							68	45	80 333	688,457	6 319,025	9,179	8,709
19							69	46	78 671	628,635	5 630,568	8,957	8,487
20							70	47	76 921	573,103	5 001,933	8,728	8,258
21							71	48	75 092	521,654	4 428,830	8,490	8,020
22							72	49	73 108	473,542	3 907,176	8,251	7,781
23	0	99 247	19 841,710	282 596,206	14,243	13,773	73	50	71 066	429,202	3 433,634	8,000	7,530
24	1	98 918	18 439,177	262 754,496	14,250	13,780	74	51	68 890	387,934	3 004,433	7,745	7,275
25	2	98 851	17 181,008	244 315,319	14,220	13,750	75	52	66 603	349,703	2 616,498	7,482	7,012
26	3	98 794	16 010,409	227 134,310	14,187	13,717	76	53	64 181	314,205	2 266,796	7,214	6,744
27	4	98 741	14 920,054	211 123,902	14,150	13,680	77	54	61 625	281,295	1 952,590	6,941	6,472
28	5	98 688	13 903,936	196 203,848	14,111	13,641	78	55	58 981	251,027	1 671,295	6,658	6,188
29	6	98 635	12 957,166	182 299,912	14,069	13,600	79	56	56 168	222,895	1 420,268	6,372	5,902
30	7	98 579	12 074,432	169 342,746	14,025	13,555	80	57	53 208	196,877	1 197,373	6,082	5,612
31	8	98 523	11 251,730	157 268,314	13,977	13,507	81	58	50 051	172,677	1 000,496	5,794	5,324
32	9	98 459	10 484,350	146 016,584	13,927	13,457	82	59	46 742	150,360	827,819	5,506	5,036
33	10	98 394	9 769,126	135 532,234	13,874	13,404	83	60	43 297	129,861	677,459	5,217	4,747
34	11	98 319	9 101,850	125 763,108	13,817	13,347	84	61	39 672	110,945	547,598	4,936	4,466
35	12	98 242	8 479,958	116 661,258	13,757	13,287	85	62	35 916	93,653	436,653	4,662	4,193
36	13	98 162	7 900,252	108 181,300	13,693	13,224	86	63	32 059	77,943	343,000	4,401	3,931
37	14	98 068	7 359,115	100 281,048	13,627	13,157	87	64	28 191	63,906	265,057	4,148	3,678
38	15	97 961	6 854,169	92 921,933	13,557	13,087	88	65	24 371	51,513	201,151	3,905	3,435
39	16	97 850	6 383,601	86 067,765	13,483	13,013	89	66	20 628	40,654	149,639	3,681	3,211
40	17	97 724	5 944,443	79 684,164	13,405	12,935	90	67	17 070	31,367	108,984	3,474	3,005
41	18	97 591	5 535,027	73 739,721	13,322	12,852	91	68	13 809	23,660	77,617	3,281	2,811
42	19	97 433	5 152,541	68 204,694	13,237	12,767	92	69	10 925	17,453	53,957	3,091	2,622
43	20	97 280	4 796,649	63 052,154	13,145	12,675	93	70	8 381	12,484	36,503	2,924	2,454
44	21	97 109	4 464,537	58 255,505	13,048	12,579	94	71	6 249	8,678	24,020	2,768	2,298
45	22	96 924	4 154,815	53 790,968	12,947	12,477	95	72	4 499	5,826	15,342	2,633	2,163
46	23	96 725	3 866,024	49 636,152	12,839	12,369	96	73	3 142	3,794	9,516	2,508	2,038
47	24	96 510	3 596,661	45 770,128	12,726	12,256	97	74	2 118	2,384	5,721	2,399	1,930
48	25	96 269	3 345,161	42 173,467	12,607	12,137	98	75	1 387	1,456	3,337	2,292	1,822
49	26	95 998	3 110,241	38 828,306	12,484	12,014	99	76	881	0,862	1,881	2,182	1,712
							100	77	533	0,487	1,019	2,093	1,623

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	2 891,475	35 744,111	12,362	11,892
1							51	27	95 391	2 686,872	32 852,636	12,227	11,757
2							52	28	95 030	2 495,755	30 165,764	12,087	11,617
3							53	29	94 628	2 317,194	27 670,009	11,941	11,471
4							54	30	94 178	2 150,270	25 352,816	11,791	11,321
5							55	31	93 679	1 994,308	23 202,546	11,634	11,164
6							56	32	93 117	1 848,325	21 208,237	11,474	11,004
7							57	33	92 496	1 711,889	19 359,912	11,309	10,839
8							58	34	91 810	1 584,328	17 648,023	11,139	10,669
9							59	35	91 066	1 465,259	16 063,695	10,963	10,493
10							60	36	90 232	1 353,705	14 598,435	10,784	10,314
11							61	37	89 328	1 249,540	13 244,731	10,600	10,130
12							62	38	88 337	1 152,149	11 995,190	10,411	9,941
13							63	39	87 250	1 061,050	10 843,042	10,219	9,749
14							64	40	86 064	975,872	9 781,991	10,024	9,554
15							65	41	84 794	896,477	8 806,119	9,823	9,353
16							66	42	83 431	822,440	7 909,642	9,617	9,147
17							67	43	81 963	753,353	7 087,202	9,408	8,938
18							68	44	80 409	689,109	6 333,849	9,191	8,721
19							69	45	78 755	629,312	5 644,740	8,970	8,500
20							70	46	77 012	573,782	5 015,428	8,741	8,271
21							71	47	75 189	522,333	4 441,646	8,503	8,034
22							72	48	73 219	474,261	3 919,313	8,264	7,794
23							73	49	71 186	429,926	3 445,052	8,013	7,543
24	0	99 205	18 492,655	262 856,830	14,214	13,744	74	50	69 018	388,651	3 015,126	7,758	7,288
25	1	98 873	17 184,831	244 364,174	14,220	13,750	75	51	66 742	350,431	2 626,475	7,495	7,025
26	2	98 807	16 012,513	227 179,344	14,188	13,718	76	52	64 323	314,899	2 276,045	7,228	6,758
27	3	98 751	14 921,542	211 166,831	14,152	13,682	77	53	61 778	281,994	1 961,145	6,955	6,485
28	4	98 697	13 905,216	196 245,289	14,113	13,643	78	54	59 144	251,720	1 679,151	6,671	6,201
29	5	98 642	12 958,046	182 340,073	14,072	13,602	79	55	56 343	223,591	1 427,431	6,384	5,914
30	6	98 586	12 075,314	169 382,027	14,027	13,557	80	56	53 389	197,545	1 203,840	6,094	5,624
31	7	98 527	11 252,266	157 306,714	13,980	13,510	81	57	50 240	173,328	1 006,295	5,806	5,336
32	8	98 466	10 485,106	146 054,448	13,930	13,460	82	58	46 938	150,990	832,967	5,517	5,047
33	9	98 399	9 769,646	135 569,342	13,877	13,407	83	59	43 498	130,466	681,977	5,227	4,757
34	10	98 325	9 102,356	125 799,696	13,821	13,351	84	60	39 876	111,517	551,511	4,946	4,476
35	11	98 250	8 480,610	116 697,340	13,760	13,291	85	61	36 118	94,179	439,994	4,672	4,202
36	12	98 168	7 900,751	108 216,730	13,697	13,227	86	62	32 256	78,423	345,815	4,410	3,940
37	13	98 075	7 359,697	100 315,979	13,630	13,161	87	63	28 382	64,340	267,392	4,156	3,686
38	14	97 970	6 854,801	92 956,282	13,561	13,091	88	64	24 553	51,897	203,051	3,913	3,443
39	15	97 861	6 384,340	86 101,481	13,486	13,016	89	65	20 795	40,983	151,154	3,688	3,218
40	16	97 737	5 945,203	79 717,142	13,409	12,939	90	66	17 221	31,645	110,171	3,482	3,012
41	17	97 603	5 535,745	73 771,939	13,326	12,857	91	67	13 940	23,883	78,527	3,288	2,818
42	18	97 449	5 153,377	68 236,194	13,241	12,771	92	68	11 038	17,633	54,643	3,099	2,629
43	19	97 296	4 797,438	63 082,817	13,149	12,679	93	69	8 479	12,629	37,010	2,930	2,461
44	20	97 124	4 465,268	58 285,380	13,053	12,583	94	70	6 328	8,789	24,381	2,774	2,304
45	21	96 940	4 155,521	53 820,112	12,951	12,482	95	71	4 562	5,908	15,592	2,639	2,169
46	22	96 742	3 866,673	49 664,591	12,844	12,374	96	72	3 190	3,852	9,684	2,514	2,044
47	23	96 526	3 597,249	45 797,918	12,731	12,261	97	73	2 154	2,425	5,833	2,405	1,935
48	24	96 285	3 345,711	42 200,668	12,613	12,143	98	74	1 413	1,483	3,408	2,298	1,828
49	25	96 017	3 110,846	38 854,957	12,490	12,020	99	75	899	0,880	1,925	2,188	1,718
							100	76	545	0,498	1,045	2,099	1,629

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	2 892,037	35 767,886	12,368	11,898
1							51	26	95 408	2 687,351	32 875,848	12,234	11,764
2							52	27	95 050	2 496,278	30 188,498	12,093	11,624
3							53	28	94 650	2 317,745	27 692,219	11,948	11,478
4							54	29	94 201	2 150,801	25 374,474	11,798	11,328
5							55	30	93 706	1 994,873	23 223,673	11,642	11,172
6							56	31	93 147	1 848,921	21 228,801	11,482	11,012
7							57	32	92 527	1 712,465	19 379,880	11,317	10,847
8							58	33	91 842	1 584,883	17 667,415	11,147	10,678
9							59	34	91 101	1 465,819	16 082,532	10,972	10,502
10							60	35	90 274	1 354,337	14 616,713	10,793	10,323
11							61	36	89 370	1 250,136	13 262,376	10,609	10,139
12							62	37	88 381	1 152,731	12 012,240	10,421	9,951
13							63	38	87 298	1 061,638	10 859,509	10,229	9,759
14							64	39	86 120	976,508	9 797,870	10,034	9,564
15							65	40	84 847	897,045	8 821,363	9,834	9,364
16							66	41	83 492	823,043	7 924,318	9,628	9,158
17							67	42	82 029	753,961	7 101,275	9,419	8,949
18							68	43	80 481	689,727	6 347,314	9,203	8,733
19							69	44	78 830	629,908	5 657,587	8,982	8,512
20							70	45	77 095	574,400	5 027,679	8,753	8,283
21							71	46	75 278	522,952	4 453,279	8,516	8,046
22							72	47	73 314	474,878	3 930,327	8,276	7,807
23							73	48	71 294	430,579	3 455,448	8,025	7,555
24							74	49	69 134	389,306	3 024,869	7,770	7,300
25	0	99 160	17 234,671	244 458,473	14,184	13,714	75	50	66 865	351,078	2 635,563	7,507	7,037
26	1	98 829	16 016,075	227 223,802	14,187	13,717	76	51	64 457	315,555	2 284,485	7,240	6,770
27	2	98 764	14 923,503	211 207,727	14,153	13,683	77	52	61 914	282,617	1 968,931	6,967	6,497
28	3	98 706	13 906,602	196 284,224	14,114	13,645	78	53	59 291	252,346	1 686,313	6,683	6,213
29	4	98 651	12 959,239	182 377,622	14,073	13,603	79	54	56 499	224,208	1 433,967	6,396	5,926
30	5	98 593	12 076,134	169 418,383	14,029	13,559	80	55	53 556	198,162	1 209,759	6,105	5,635
31	6	98 534	11 253,088	157 342,249	13,982	13,512	81	56	50 411	173,916	1 011,597	5,817	5,347
32	7	98 471	10 485,605	146 089,161	13,932	13,462	82	57	47 115	151,559	837,681	5,527	5,057
33	8	98 406	9 770,350	135 603,556	13,879	13,409	83	58	43 681	131,012	686,122	5,237	4,767
34	9	98 330	9 102,840	125 833,206	13,824	13,354	84	59	40 062	112,036	555,109	4,955	4,485
35	10	98 255	8 481,081	116 730,366	13,764	13,294	85	60	36 304	94,664	443,073	4,680	4,211
36	11	98 176	7 901,359	108 249,285	13,700	13,230	86	61	32 437	78,864	348,409	4,418	3,948
37	12	98 082	7 360,162	100 347,926	13,634	13,164	87	62	28 557	64,737	269,545	4,164	3,694
38	13	97 978	6 855,343	92 987,764	13,564	13,094	88	63	24 720	52,250	204,808	3,920	3,450
39	14	97 870	6 384,929	86 132,421	13,490	13,020	89	64	20 950	41,289	152,558	3,695	3,225
40	15	97 748	5 945,891	79 747,493	13,412	12,942	90	65	17 360	31,900	111,269	3,488	3,018
41	16	97 616	5 536,452	73 801,601	13,330	12,860	91	66	14 063	24,095	79,369	3,294	2,824
42	17	97 462	5 154,045	68 265,149	13,245	12,775	92	67	11 142	17,800	55,274	3,105	2,635
43	18	97 311	4 798,216	63 111,104	13,153	12,683	93	68	8 566	12,760	37,474	2,937	2,467
44	19	97 140	4 466,002	58 312,888	13,057	12,587	94	69	6 402	8,891	24,715	2,780	2,310
45	20	96 956	4 156,201	53 846,886	12,956	12,486	95	70	4 620	5,983	15,824	2,645	2,175
46	21	96 758	3 867,330	49 690,684	12,849	12,379	96	71	3 235	3,906	9,841	2,520	2,050
47	22	96 542	3 597,853	45 823,354	12,736	12,266	97	72	2 187	2,462	5,935	2,411	1,941
48	23	96 301	3 346,258	42 225,501	12,619	12,149	98	73	1 437	1,508	3,473	2,303	1,833
49	24	96 032	3 111,357	38 879,243	12,496	12,026	99	74	915	0,896	1,965	2,193	1,723
							100	75	557	0,508	1,069	2,104	1,635

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 410 581,830	14,106	13,636	50	50	94 198	2 532,916	29 258,674	11,551	11,081
1	1	99 373	92 440,181	1 310 581,830	14,178	13,707	51	51	93 723	2 344,299	26 725,758	11,400	10,930
2	2	99 327	85 950,963	1 218 141,649	14,173	13,702	52	52	93 193	2 168,428	24 381,459	11,244	10,774
3	3	99 301	79 933,244	1 132 190,686	14,164	13,694	53	53	92 616	2 004,653	22 213,031	11,081	10,610
4	4	99 279	74 340,279	1 052 257,442	14,155	13,684	54	54	91 970	1 851,775	20 208,378	10,913	10,443
5	5	99 259	69 139,493	977 917,163	14,144	13,674	55	55	91 257	1 709,233	18 356,603	10,740	10,269
6	6	99 243	64 305,593	908 777,670	14,132	13,662	56	56	90 456	1 576,022	16 647,369	10,563	10,093
7	7	99 227	59 809,402	844 472,078	14,119	13,649	57	57	89 579	1 451,855	15 071,347	10,381	9,910
8	8	99 212	55 628,597	784 662,676	14,105	13,635	58	58	88 612	1 335,978	13 619,492	10,194	9,724
9	9	99 198	51 739,862	729 034,079	14,090	13,620	59	59	87 560	1 228,024	12 283,514	10,003	9,532
10	10	99 184	48 123,683	677 294,217	14,074	13,604	60	60	86 397	1 127,173	11 055,490	9,808	9,338
11	11	99 172	44 760,394	629 170,535	14,056	13,586	61	61	85 133	1 033,191	9 928,316	9,609	9,139
12	12	99 157	41 631,497	584 410,140	14,038	13,567	62	62	83 760	945,615	8 895,125	9,407	8,936
13	13	99 142	38 721,098	542 778,644	14,018	13,547	63	63	82 269	863,981	7 949,510	9,201	8,731
14	14	99 125	36 013,432	504 057,546	13,996	13,526	64	64	80 655	787,929	7 085,528	8,993	8,522
15	15	99 104	33 493,638	468 044,114	13,974	13,504	65	65	78 926	717,245	6 297,599	8,780	8,310
16	16	99 077	31 148,424	434 550,476	13,951	13,481	66	66	77 091	651,697	5 580,354	8,563	8,093
17	17	99 041	28 964,949	403 402,052	13,927	13,457	67	67	75 132	590,825	4 928,658	8,342	7,872
18	18	99 002	26 933,462	374 437,103	13,902	13,432	68	68	73 083	534,618	4 337,833	8,114	7,644
19	19	98 948	25 040,647	347 503,641	13,878	13,407	69	69	70 917	482,577	3 803,215	7,881	7,411
20	20	98 892	23 280,398	322 462,995	13,851	13,381	70	70	68 620	434,371	3 320,638	7,645	7,174
21	21	98 835	21 643,705	299 182,597	13,823	13,353	71	71	66 234	390,012	2 886,267	7,400	6,930
22	22	98 778	20 122,118	277 538,892	13,793	13,322	72	72	63 690	348,868	2 496,254	7,155	6,685
23	23	98 720	18 707,263	257 416,774	13,760	13,290	73	73	61 089	311,275	2 147,387	6,899	6,428
24	24	98 662	17 391,948	238 709,510	13,725	13,255	74	74	58 335	276,504	1 836,112	6,640	6,170
25	25	98 601	16 168,489	221 317,562	13,688	13,218	75	75	55 488	244,659	1 559,608	6,375	5,904
26	26	98 538	15 030,889	205 149,073	13,648	13,178	76	76	52 510	215,375	1 314,949	6,105	5,635
27	27	98 477	13 973,570	190 118,184	13,606	13,135	77	77	49 424	188,575	1 099,575	5,831	5,361
28	28	98 412	12 990,098	176 144,615	13,560	13,090	78	78	46 298	164,326	911,000	5,544	5,074
29	29	98 343	12 075,349	163 154,516	13,511	13,041	79	79	43 025	142,052	746,674	5,256	4,786
30	30	98 271	11 224,571	151 079,167	13,460	12,989	80	80	39 636	121,734	604,622	4,967	4,496
31	31	98 191	10 432,996	139 854,597	13,405	12,935	81	81	36 105	103,154	482,888	4,681	4,211
32	32	98 103	9 696,422	129 421,601	13,347	12,877	82	82	32 491	86,351	379,734	4,398	3,927
33	33	98 010	9 011,389	119 725,179	13,286	12,816	83	83	28 815	71,239	293,383	4,118	3,648
34	34	97 907	8 373,876	110 713,791	13,221	12,751	84	84	25 074	57,665	222,144	3,852	3,382
35	35	97 801	7 781,206	102 339,914	13,152	12,682	85	85	21 372	45,721	164,480	3,597	3,127
36	36	97 682	7 229,489	94 558,708	13,080	12,609	86	86	17 779	35,382	118,759	3,356	2,886
37	37	97 549	6 715,963	87 329,218	13,003	12,533	87	87	14 398	26,654	83,377	3,128	2,658
38	38	97 402	6 238,024	80 613,255	12,923	12,453	88	88	11 298	19,455	56,722	2,915	2,445
39	39	97 249	5 793,705	74 375,231	12,837	12,367	89	89	8 548	13,693	37,267	2,722	2,251
40	40	97 074	5 379,768	68 581,526	12,748	12,278	90	90	6 217	9,264	23,574	2,545	2,074
41	41	96 892	4 995,077	63 201,758	12,653	12,183	91	91	4 330	6,002	14,310	2,384	1,914
42	42	96 681	4 636,442	58 206,681	12,554	12,084	92	92	2 887	3,722	8,308	2,232	1,762
43	43	96 466	4 303,393	53 570,239	12,448	11,978	93	93	1 819	2,182	4,586	2,102	1,631
44	44	96 226	3 993,192	49 266,846	12,338	11,867	94	94	1 086	1,212	2,404	1,984	1,514
45	45	95 968	3 704,650	45 273,654	12,221	11,750	95	95	611	0,634	1,193	1,881	1,410
46	46	95 685	3 436,009	41 569,004	12,098	11,628	96	96	323	0,312	0,558	1,790	1,320
47	47	95 375	3 185,917	38 132,995	11,969	11,499	97	97	160	0,143	0,247	1,720	1,250
48	48	95 029	2 952,892	34 947,077	11,835	11,365	98	98	75	0,063	0,103	1,646	1,175
49	49	94 635	2 735,511	31 994,185	11,696	11,226	99	99	33	0,026	0,040	1,573	1,103
							100	100	13	0,010	0,015	1,514	1,044

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	1 409 891,197	14,140	13,670	50	51	94 025	2 528,245	29 063,293	11,495	11,025
1	2	99 351	92 419,621	1 310 180,384	14,176	13,706	51	52	93 528	2 339,431	26 535,048	11,343	10,872
2	3	99 314	85 939,669	1 217 760,763	14,170	13,700	52	53	92 988	2 163,648	24 195,617	11,183	10,713
3	4	99 291	79 925,274	1 131 821,094	14,161	13,691	53	54	92 387	1 999,685	22 031,969	11,018	10,547
4	5	99 270	74 333,436	1 051 895,820	14,151	13,681	54	55	91 717	1 846,675	20 032,285	10,848	10,377
5	6	99 252	69 134,795	977 562,384	14,140	13,670	55	56	90 973	1 703,914	18 185,610	10,673	10,203
6	7	99 236	64 300,897	908 427,588	14,128	13,657	56	57	90 150	1 570,693	16 481,696	10,493	10,023
7	8	99 222	59 806,554	844 126,691	14,114	13,644	57	58	89 242	1 446,402	14 911,003	10,309	9,839
8	9	99 205	55 624,588	784 320,138	14,100	13,630	58	59	88 242	1 330,402	13 464,602	10,121	9,650
9	10	99 192	51 737,112	728 695,550	14,085	13,614	59	60	87 154	1 222,333	12 134,200	9,927	9,457
10	11	99 179	48 121,007	676 958,438	14,068	13,598	60	61	85 954	1 121,395	10 911,867	9,731	9,260
11	12	99 164	44 756,952	628 837,431	14,050	13,580	61	62	84 657	1 027,420	9 790,472	9,529	9,059
12	13	99 151	41 628,866	584 080,479	14,031	13,560	62	63	83 248	939,826	8 763,052	9,324	8,854
13	14	99 134	38 718,037	542 451,614	14,010	13,540	63	64	81 713	858,141	7 823,226	9,116	8,646
14	15	99 116	36 010,110	503 733,576	13,989	13,518	64	65	80 057	782,092	6 965,086	8,906	8,435
15	16	99 092	33 489,761	467 723,466	13,966	13,496	65	66	78 293	711,497	6 182,994	8,690	8,220
16	17	99 064	31 144,442	434 233,706	13,943	13,472	66	67	76 416	645,989	5 471,497	8,470	8,000
17	18	99 029	28 961,193	403 089,264	13,918	13,448	67	68	74 429	585,296	4 825,508	8,245	7,774
18	19	98 986	26 929,090	374 128,070	13,893	13,423	68	69	72 338	529,162	4 240,212	8,013	7,543
19	20	98 932	25 036,531	347 198,981	13,868	13,397	69	70	70 098	477,005	3 711,049	7,780	7,310
20	21	98 875	23 276,587	322 162,450	13,841	13,370	70	71	67 759	428,919	3 234,044	7,541	7,070
21	22	98 818	21 640,030	298 885,862	13,812	13,341	71	72	65 319	384,625	2 805,125	7,293	6,823
22	23	98 761	20 118,742	277 245,833	13,780	13,310	72	73	62 738	343,653	2 420,501	7,043	6,573
23	24	98 704	18 704,203	257 127,090	13,747	13,277	73	74	60 066	306,065	2 076,848	6,786	6,315
24	25	98 646	17 389,091	238 422,887	13,711	13,241	74	75	57 274	271,474	1 770,782	6,523	6,053
25	26	98 582	16 165,346	221 033,796	13,673	13,203	75	76	54 371	239,736	1 499,309	6,254	5,784
26	27	98 521	15 028,210	204 868,450	13,632	13,162	76	77	51 346	210,604	1 259,572	5,981	5,510
27	28	98 457	13 970,639	189 840,240	13,589	13,118	77	78	48 241	184,061	1 048,968	5,699	5,229
28	29	98 389	12 987,007	175 869,601	13,542	13,072	78	79	45 039	159,855	864,907	5,411	4,940
29	30	98 319	12 072,369	162 882,595	13,492	13,022	79	80	41 699	137,676	705,053	5,121	4,651
30	31	98 243	11 221,396	150 810,226	13,440	12,969	80	81	38 238	117,442	567,377	4,831	4,361
31	32	98 159	10 429,636	139 588,829	13,384	12,914	81	82	34 646	98,985	449,935	4,546	4,075
32	33	98 070	9 693,165	129 159,193	13,325	12,854	82	83	30 964	82,293	350,951	4,265	3,794
33	34	97 976	9 008,233	119 466,028	13,262	12,792	83	84	27 224	67,307	268,658	3,992	3,521
34	35	97 870	8 370,679	110 457,795	13,196	12,726	84	85	23 474	53,986	201,351	3,730	3,259
35	36	97 755	7 777,573	102 087,116	13,126	12,656	85	86	19 797	42,352	147,365	3,480	3,009
36	37	97 635	7 226,042	94 309,543	13,051	12,581	86	87	16 263	32,365	105,013	3,245	2,774
37	38	97 499	6 712,572	87 083,501	12,973	12,503	87	88	12 971	24,013	72,649	3,025	2,555
38	39	97 348	6 234,568	80 370,929	12,891	12,421	88	89	10 018	17,251	48,636	2,819	2,349
39	40	97 186	5 789,936	74 136,361	12,804	12,334	89	90	7 447	11,929	31,385	2,631	2,161
40	41	97 012	5 376,362	68 346,426	12,712	12,242	90	91	5 302	7,901	19,456	2,462	1,992
41	42	96 821	4 991,416	62 970,064	12,616	12,145	91	92	3 611	5,006	11,555	2,308	1,838
42	43	96 603	4 632,701	57 978,648	12,515	12,045	92	93	2 344	3,023	6,549	2,167	1,696
43	44	96 380	4 299,538	53 345,947	12,407	11,937	93	94	1 438	1,725	3,526	2,044	1,574
44	45	96 135	3 989,416	49 046,409	12,294	11,824	94	95	837	0,934	1,801	1,929	1,459
45	46	95 865	3 700,665	45 056,993	12,175	11,705	95	96	456	0,473	0,868	1,835	1,364
46	47	95 572	3 431,940	41 356,328	12,050	11,580	96	97	233	0,225	0,395	1,756	1,285
47	48	95 251	3 181,778	37 924,388	11,919	11,449	97	98	113	0,101	0,170	1,681	1,210
48	49	94 884	2 948,412	34 742,610	11,783	11,313	98	99	51	0,043	0,069	1,610	1,140
49	50	94 476	2 730,904	31 794,198	11,642	11,172	99	100	22	0,017	0,026	1,542	1,072

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	1 409 452,302	14,139	13,668	50	52	93 830	2 522,995	28 851,161	11,435	10,965
1	3	99 338	92 407,477	1 309 763,666	14,174	13,704	51	53	93 322	2 334,274	26 328,166	11,279	10,809
2	4	99 304	85 931,101	1 217 356,189	14,167	13,696	52	54	92 757	2 158,285	23 993,892	11,117	10,647
3	5	99 282	79 917,917	1 131 425,089	14,157	13,687	53	55	92 132	1 994,177	21 835,607	10,950	10,479
4	6	99 263	74 328,386	1 051 507,172	14,147	13,676	54	56	91 431	1 840,927	19 841,430	10,778	10,308
5	7	99 245	69 129,747	977 178,786	14,135	13,665	55	57	90 665	1 698,152	18 000,503	10,600	10,130
6	8	99 231	64 297,835	908 049,039	14,123	13,652	56	58	89 811	1 564,793	16 302,351	10,418	9,948
7	9	99 215	59 802,243	843 751,204	14,109	13,639	57	59	88 870	1 440,365	14 737,558	10,232	9,762
8	10	99 200	55 621,631	783 948,961	14,094	13,624	58	60	87 833	1 324,236	13 297,193	10,041	9,571
9	11	99 187	51 734,235	728 327,330	14,078	13,608	59	61	86 708	1 216,066	11 972,957	9,846	9,375
10	12	99 171	48 117,307	676 593,094	14,061	13,591	60	62	85 474	1 115,130	10 756,891	9,646	9,176
11	13	99 158	44 754,123	628 475,788	14,043	13,573	61	63	84 139	1 021,130	9 641,760	9,442	8,972
12	14	99 143	41 625,635	583 721,664	14,023	13,553	62	64	82 685	933,473	8 620,630	9,235	8,765
13	15	99 125	38 714,466	542 096,089	14,002	13,532	63	65	81 108	851,783	7 687,158	9,025	8,555
14	16	99 104	36 005,941	503 381,623	13,981	13,510	64	66	79 415	775,824	6 835,375	8,810	8,340
15	17	99 079	33 485,479	467 375,682	13,958	13,487	65	67	77 607	705,266	6 059,551	8,592	8,122
16	18	99 051	31 140,404	433 890,203	13,933	13,463	66	68	75 701	639,944	5 354,285	8,367	7,897
17	19	99 012	28 956,492	402 749,799	13,909	13,439	67	69	73 670	579,324	4 714,341	8,138	7,667
18	20	98 970	26 924,664	373 793,307	13,883	13,413	68	70	71 502	523,053	4 135,017	7,906	7,435
19	21	98 915	25 032,433	346 868,643	13,857	13,386	69	71	69 218	471,018	3 611,964	7,668	7,198
20	22	98 859	23 272,635	321 836,211	13,829	13,359	70	72	66 823	422,993	3 140,946	7,426	6,955
21	23	98 801	21 636,399	298 563,575	13,799	13,329	71	73	64 342	378,875	2 717,953	7,174	6,703
22	24	98 745	20 115,452	276 927,176	13,767	13,297	72	74	61 688	337,902	2 339,077	6,922	6,452
23	25	98 688	18 701,131	256 811,725	13,732	13,262	73	75	58 974	300,497	2 001,176	6,660	6,189
24	26	98 627	17 385,710	238 110,594	13,696	13,225	74	76	56 121	266,012	1 700,678	6,393	5,923
25	27	98 564	16 162,464	220 724,883	13,657	13,186	75	77	53 167	234,426	1 434,667	6,120	5,650
26	28	98 500	15 025,058	204 562,419	13,615	13,144	76	78	50 117	205,563	1 200,241	5,839	5,369
27	29	98 433	13 967,314	189 537,361	13,570	13,100	77	79	46 928	179,053	994,678	5,555	5,085
28	30	98 365	12 983,802	175 570,047	13,522	13,052	78	80	43 651	154,930	815,625	5,264	4,794
29	31	98 291	12 068,955	162 586,245	13,471	13,001	79	81	40 229	132,821	660,695	4,974	4,504
30	32	98 211	11 217,783	150 517,290	13,418	12,947	80	82	36 693	112,695	527,874	4,684	4,214
31	33	98 126	10 426,133	139 299,507	13,361	12,890	81	83	33 018	94,332	415,179	4,401	3,931
32	34	98 036	9 689,770	128 873,374	13,300	12,830	82	84	29 255	77,750	320,847	4,127	3,656
33	35	97 938	9 004,794	119 183,604	13,236	12,765	83	85	25 488	63,013	243,096	3,858	3,388
34	36	97 824	8 366,771	110 178,811	13,169	12,698	84	86	21 744	50,008	180,083	3,601	3,131
35	37	97 709	7 773,864	101 812,040	13,097	12,626	85	87	18 108	38,740	130,075	3,358	2,887
36	38	97 586	7 222,393	94 038,176	13,020	12,550	86	88	14 651	29,158	91,335	3,132	2,662
37	39	97 445	6 708,853	86 815,782	12,940	12,470	87	89	11 502	21,292	62,178	2,920	2,450
38	40	97 285	6 230,511	80 106,930	12,857	12,387	88	90	8 727	15,029	40,885	2,720	2,250
39	41	97 124	5 786,270	73 876,418	12,768	12,297	89	91	6 351	10,174	25,856	2,541	2,071
40	42	96 941	5 372,421	68 090,149	12,674	12,204	90	92	4 422	6,590	15,682	2,380	1,909
41	43	96 743	4 987,389	62 717,728	12,575	12,105	91	93	2 933	4,065	9,092	2,237	1,766
42	44	96 516	4 628,551	57 730,339	12,473	12,002	92	94	1 853	2,390	5,027	2,104	1,634
43	45	96 289	4 295,472	53 101,788	12,362	11,892	93	95	1 108	1,329	2,638	1,985	1,514
44	46	96 032	3 985,124	48 806,316	12,247	11,777	94	96	624	0,696	1,309	1,880	1,409
45	47	95 752	3 696,283	44 821,192	12,126	11,656	95	97	328	0,341	0,612	1,797	1,327
46	48	95 447	3 427,481	41 124,909	11,999	11,528	96	98	164	0,159	0,272	1,713	1,243
47	49	95 106	3 176,951	37 697,428	11,866	11,396	97	99	77	0,069	0,113	1,643	1,173
48	50	94 725	2 943,447	34 520,477	11,728	11,258	98	100	34	0,028	0,044	1,577	1,107
49	51	94 302	2 725,869	31 577,030	11,584	11,114							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	1 408 996,659	14,136	13,666	50	53	93 623	2 517,434	28 621,295	11,369	10,899
1	4	99 328	92 398,264	1 309 321,122	14,170	13,700	51	54	93 091	2 328,488	26 103,861	11,211	10,740
2	5	99 295	85 923,191	1 216 922,859	14,163	13,693	52	55	92 502	2 152,341	23 775,373	11,046	10,576
3	6	99 275	79 912,487	1 130 999,668	14,153	13,683	53	56	91 846	1 987,970	21 623,032	10,877	10,407
4	7	99 256	74 322,958	1 051 087,181	14,142	13,672	54	57	91 122	1 834,702	19 635,062	10,702	10,232
5	8	99 240	69 126,455	976 764,223	14,130	13,660	55	58	90 325	1 691,773	17 800,360	10,522	10,051
6	9	99 224	64 293,201	907 637,768	14,117	13,647	56	59	89 436	1 558,262	16 108,587	10,338	9,867
7	10	99 210	59 799,065	843 344,567	14,103	13,633	57	60	88 458	1 433,690	14 550,325	10,149	9,679
8	11	99 194	55 618,539	783 545,502	14,088	13,618	58	61	87 382	1 317,447	13 116,635	9,956	9,486
9	12	99 179	51 730,257	727 926,963	14,072	13,601	59	62	86 223	1 209,273	11 799,188	9,757	9,287
10	13	99 165	48 114,266	676 196,707	14,054	13,584	60	63	84 951	1 108,304	10 589,915	9,555	9,085
11	14	99 150	44 750,586	628 082,441	14,035	13,565	61	64	83 570	1 014,227	9 481,611	9,349	8,878
12	15	99 134	41 621,735	583 331,855	14,015	13,545	62	65	82 072	926,557	8 467,384	9,139	8,668
13	16	99 114	38 709,984	541 710,119	13,994	13,524	63	66	80 458	844,957	7 540,828	8,925	8,454
14	17	99 092	36 001,338	503 000,136	13,972	13,501	64	67	78 720	769,030	6 695,871	8,707	8,237
15	18	99 067	33 481,138	466 998,798	13,948	13,478	65	68	76 881	698,666	5 926,841	8,483	8,013
16	19	99 035	31 135,349	433 517,660	13,924	13,453	66	69	74 928	633,414	5 228,175	8,254	7,784
17	20	98 996	28 951,733	402 382,311	13,898	13,428	67	70	72 819	572,635	4 594,761	8,024	7,554
18	21	98 954	26 920,257	373 430,578	13,872	13,401	68	71	70 605	516,487	4 022,126	7,787	7,317
19	22	98 899	25 028,182	346 510,322	13,845	13,375	69	72	68 262	464,511	3 505,638	7,547	7,077
20	23	98 842	23 268,730	321 482,139	13,816	13,346	70	73	65 824	416,671	3 041,127	7,299	6,828
21	24	98 785	21 632,860	298 213,409	13,785	13,315	71	74	63 266	372,534	2 624,457	7,045	6,575
22	25	98 729	20 112,147	276 580,549	13,752	13,282	72	75	60 566	331,754	2 251,922	6,788	6,318
23	26	98 668	18 697,495	256 468,401	13,717	13,246	73	76	57 787	294,451	1 920,168	6,521	6,051
24	27	98 609	17 382,611	237 770,906	13,679	13,208	74	77	54 878	260,120	1 625,717	6,250	5,780
25	28	98 544	16 159,074	220 388,294	13,639	13,168	75	78	51 894	228,814	1 365,597	5,968	5,498
26	29	98 477	15 021,482	204 229,220	13,596	13,126	76	79	48 754	199,970	1 136,782	5,685	5,214
27	30	98 409	13 963,867	189 207,738	13,550	13,080	77	80	45 482	173,536	936,812	5,398	4,928
28	31	98 337	12 980,130	175 243,871	13,501	13,031	78	81	42 112	149,467	763,276	5,107	4,636
29	32	98 260	12 065,069	162 263,740	13,449	12,979	79	82	38 603	127,453	613,809	4,816	4,346
30	33	98 178	11 214,015	150 198,671	13,394	12,924	80	83	34 968	107,398	486,356	4,529	4,058
31	34	98 092	10 422,481	138 984,657	13,335	12,865	81	84	31 195	89,125	378,958	4,252	3,782
32	35	97 998	9 686,070	128 562,175	13,273	12,803	82	85	27 389	72,791	289,832	3,982	3,511
33	36	97 893	9 000,589	118 876,105	13,208	12,737	83	86	23 610	58,370	217,041	3,718	3,248
34	37	97 777	8 362,781	109 875,516	13,139	12,668	84	87	19 890	45,743	158,672	3,469	2,998
35	38	97 659	7 769,939	101 512,735	13,065	12,595	85	88	16 314	34,901	112,929	3,236	2,765
36	39	97 532	7 218,391	93 742,796	12,987	12,516	86	89	12 991	25,854	78,028	3,018	2,548
37	40	97 382	6 704,488	86 524,405	12,905	12,435	87	90	10 020	18,550	52,174	2,813	2,342
38	41	97 223	6 226,566	79 819,917	12,819	12,349	88	91	7 443	12,818	33,624	2,623	2,153
39	42	97 053	5 782,029	73 593,351	12,728	12,258	89	92	5 297	8,486	20,806	2,452	1,982
40	43	96 863	5 368,086	67 811,322	12,632	12,162	90	93	3 591	5,351	12,320	2,302	1,832
41	44	96 657	4 982,922	62 443,235	12,531	12,061	91	94	2 318	3,214	6,969	2,169	1,698
42	45	96 425	4 624,173	57 460,314	12,426	11,956	92	95	1 428	1,841	3,755	2,040	1,569
43	46	96 185	4 290,851	52 836,141	12,314	11,843	93	96	826	0,991	1,914	1,931	1,461
44	47	95 918	3 980,405	48 545,289	12,196	11,726	94	97	450	0,502	0,923	1,839	1,369
45	48	95 627	3 691,480	44 564,884	12,072	11,602	95	98	232	0,240	0,421	1,751	1,281
46	49	95 303	3 422,281	40 873,405	11,943	11,473	96	99	112	0,108	0,181	1,673	1,203
47	50	94 946	3 171,600	37 451,123	11,808	11,338	97	100	50	0,045	0,073	1,607	1,137
48	51	94 550	2 938,020	34 279,523	11,668	11,197							
49	52	94 106	2 720,209	31 341,503	11,522	11,051							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	1 408 512,922	14,132	13,662	50	54	93 391	2 511,194	28 372,370	11,298	10,828
1	5	99 319	92 389,758	1 308 847,323	14,167	13,696	51	55	92 834	2 322,075	25 861,176	11,137	10,667
2	6	99 288	85 917,353	1 216 457,565	14,158	13,688	52	56	92 214	2 145,642	23 539,101	10,971	10,500
3	7	99 268	79 906,652	1 130 540,212	14,148	13,678	53	57	91 535	1 981,248	21 393,459	10,798	10,328
4	8	99 251	74 319,419	1 050 633,560	14,137	13,666	54	58	90 780	1 827,810	19 412,211	10,620	10,150
5	9	99 233	69 121,473	976 314,141	14,125	13,654	55	59	89 948	1 684,712	17 584,401	10,438	9,967
6	10	99 219	64 289,784	907 192,668	14,111	13,641	56	60	89 022	1 551,040	15 899,689	10,251	9,781
7	11	99 204	59 795,740	842 902,885	14,096	13,626	57	61	88 005	1 426,339	14 348,649	10,060	9,589
8	12	99 187	55 614,262	783 107,144	14,081	13,611	58	62	86 894	1 310,088	12 922,309	9,864	9,393
9	13	99 173	51 726,988	727 492,883	14,064	13,594	59	63	85 695	1 201,870	11 612,221	9,662	9,192
10	14	99 157	48 110,463	675 765,895	14,046	13,576	60	64	84 376	1 100,811	10 410,351	9,457	8,987
11	15	99 141	44 746,458	627 655,432	14,027	13,557	61	65	82 951	1 006,713	9 309,540	9,247	8,777
12	16	99 122	41 616,917	582 908,974	14,007	13,536	62	66	81 415	919,132	8 302,827	9,033	8,563
13	17	99 101	38 705,035	541 292,058	13,985	13,515	63	67	79 753	837,557	7 383,696	8,816	8,345
14	18	99 079	35 996,670	502 587,023	13,962	13,492	64	68	77 983	761,833	6 546,139	8,593	8,122
15	19	99 050	33 475,703	466 590,353	13,938	13,468	65	69	76 097	691,537	5 784,306	8,364	7,894
16	20	99 019	31 130,231	433 114,649	13,913	13,443	66	70	74 063	626,101	5 092,769	8,134	7,664
17	21	98 980	28 946,994	401 984,418	13,887	13,417	67	71	71 905	565,447	4 466,668	7,899	7,429
18	22	98 937	26 915,686	373 037,424	13,859	13,389	68	72	69 630	509,352	3 901,221	7,659	7,189
19	23	98 882	25 023,983	346 121,738	13,832	13,361	69	73	67 242	457,568	3 391,868	7,413	6,943
20	24	98 826	23 264,925	321 097,755	13,802	13,332	70	74	64 723	409,697	2 934,301	7,162	6,692
21	25	98 769	21 629,307	297 832,831	13,770	13,300	71	75	62 115	365,757	2 524,604	6,902	6,432
22	26	98 710	20 108,237	276 203,524	13,736	13,266	72	76	59 347	325,080	2 158,846	6,641	6,171
23	27	98 651	18 694,163	256 095,287	13,699	13,229	73	77	56 507	287,930	1 833,767	6,369	5,899
24	28	98 589	17 378,966	237 401,124	13,660	13,190	74	78	53 564	253,893	1 545,837	6,089	5,618
25	29	98 520	16 155,229	220 022,159	13,619	13,149	75	79	50 482	222,589	1 291,944	5,804	5,334
26	30	98 452	15 017,775	203 866,930	13,575	13,105	76	80	47 252	193,809	1 069,355	5,518	5,047
27	31	98 381	13 959,919	188 849,155	13,528	13,058	77	81	43 779	167,417	875,546	5,230	4,759
28	32	98 305	12 975,951	174 889,236	13,478	13,008	78	82	40 410	143,426	708,129	4,937	4,467
29	33	98 227	12 061,016	161 913,285	13,425	12,954	79	83	36 788	121,462	564,703	4,649	4,179
30	34	98 144	11 210,087	149 852,269	13,368	12,897	80	84	33 038	101,470	443,241	4,368	3,898
31	35	98 055	10 418,502	138 642,182	13,307	12,837	81	85	29 205	83,440	341,770	4,096	3,626
32	36	97 953	9 681,548	128 223,680	13,244	12,774	82	86	25 370	67,427	258,330	3,831	3,361
33	37	97 846	8 996,297	118 542,132	13,177	12,706	83	87	21 596	53,392	190,903	3,576	3,105
34	38	97 728	8 358,558	109 545,835	13,106	12,636	84	88	17 919	41,210	137,511	3,337	2,867
35	39	97 605	7 765,634	101 187,277	13,030	12,560	85	89	14 466	30,947	96,301	3,112	2,642
36	40	97 468	7 213,695	93 421,643	12,951	12,480	86	90	11 318	22,524	65,354	2,902	2,431
37	41	97 320	6 700,243	86 207,948	12,866	12,396	87	91	8 546	15,821	42,831	2,707	2,237
38	42	97 152	6 222,003	79 507,706	12,778	12,308	88	92	6 208	10,691	27,010	2,526	2,056
39	43	96 975	5 777,364	73 285,703	12,685	12,215	89	93	4 302	6,891	16,319	2,368	1,898
40	44	96 776	5 363,278	67 508,339	12,587	12,117	90	94	2 839	4,230	9,428	2,229	1,758
41	45	96 565	4 978,209	62 145,061	12,483	12,013	91	95	1 786	2,476	5,197	2,099	1,629
42	46	96 321	4 619,199	57 166,853	12,376	11,906	92	96	1 065	1,373	2,721	1,982	1,511
43	47	96 071	4 285,770	52 547,653	12,261	11,791	93	97	596	0,714	1,348	1,887	1,416
44	48	95 793	3 975,233	48 261,883	12,141	11,670	94	98	317	0,354	0,633	1,790	1,320
45	49	95 482	3 685,879	44 286,650	12,015	11,545	95	99	158	0,164	0,280	1,708	1,238
46	50	95 142	3 416,518	40 600,771	11,884	11,413	96	100	73	0,071	0,116	1,635	1,165
47	51	94 771	3 165,752	37 184,253	11,746	11,276							
48	52	94 354	2 931,919	34 018,501	11,603	11,133							
49	53	93 898	2 714,212	31 086,582	11,453	10,983							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	1 407 995,268	14,128	13,658	50	55	93 133	2 504,277	28 103,383	11,222	10,752
1	6	99 312	92 383,481	1 308 338,843	14,162	13,692	51	56	92 545	2 314,847	25 599,106	11,059	10,588
2	7	99 281	85 911,079	1 215 955,363	14,154	13,683	52	57	91 902	2 138,386	23 284,259	10,889	10,418
3	8	99 263	79 902,847	1 130 044,283	14,143	13,672	53	58	91 191	1 973,806	21 145,872	10,713	10,243
4	9	99 244	74 314,062	1 050 141,437	14,131	13,661	54	59	90 401	1 820,182	19 172,067	10,533	10,063
5	10	99 228	69 117,799	975 827,374	14,118	13,648	55	60	89 531	1 676,904	17 351,885	10,348	9,877
6	11	99 213	64 286,210	906 709,575	14,104	13,634	56	61	88 566	1 543,088	15 674,980	10,158	9,688
7	12	99 196	59 791,142	842 423,366	14,089	13,619	57	62	87 513	1 418,372	14 131,892	9,963	9,493
8	13	99 181	55 610,747	782 632,224	14,073	13,603	58	63	86 362	1 302,067	12 713,520	9,764	9,294
9	14	99 165	51 722,899	727 021,477	14,056	13,586	59	64	85 116	1 193,745	11 411,453	9,559	9,089
10	15	99 148	48 106,025	675 298,578	14,038	13,567	60	65	83 751	1 092,656	10 217,708	9,351	8,881
11	16	99 129	44 741,278	627 192,553	14,018	13,548	61	66	82 286	998,645	9 125,052	9,137	8,667
12	17	99 110	41 611,596	582 451,276	13,997	13,527	62	67	80 702	911,082	8 126,407	8,920	8,449
13	18	99 088	38 700,017	540 839,679	13,975	13,505	63	68	79 007	829,719	7 215,325	8,696	8,226
14	19	99 063	35 990,827	502 139,663	13,952	13,482	64	69	77 188	754,059	6 385,605	8,468	7,998
15	20	99 034	33 470,201	466 148,835	13,927	13,457	65	70	75 218	683,552	5 631,546	8,239	7,768
16	21	99 003	31 125,136	432 678,635	13,901	13,431	66	71	73 134	618,242	4 947,994	8,003	7,533
17	22	98 963	28 942,079	401 553,499	13,874	13,404	67	72	70 912	557,636	4 329,752	7,764	7,294
18	23	98 920	26 911,170	372 611,420	13,846	13,376	68	73	68 589	501,739	3 772,116	7,518	7,048
19	24	98 866	25 019,890	345 700,250	13,817	13,347	69	74	66 116	449,910	3 270,377	7,269	6,799
20	25	98 810	23 261,103	320 680,360	13,786	13,316	70	75	63 545	402,244	2 820,468	7,012	6,542
21	26	98 750	21 625,102	297 419,257	13,753	13,283	71	76	60 865	358,398	2 418,224	6,747	6,277
22	27	98 692	20 104,653	275 794,155	13,718	13,248	72	77	58 033	317,879	2 059,826	6,480	6,010
23	28	98 630	18 690,242	255 689,502	13,680	13,210	73	78	55 155	281,037	1 741,946	6,198	5,728
24	29	98 565	17 374,830	236 999,260	13,640	13,170	74	79	52 107	246,985	1 460,909	5,915	5,445
25	30	98 496	16 151,242	219 624,431	13,598	13,128	75	80	48 927	215,731	1 213,924	5,627	5,157
26	31	98 424	15 013,528	203 473,189	13,553	13,082	76	81	45 586	186,975	998,193	5,339	4,868
27	32	98 349	13 955,423	188 459,661	13,504	13,034	77	82	42 105	160,651	811,217	5,050	4,579
28	33	98 272	12 971,592	174 504,237	13,453	12,983	78	83	38 511	136,685	650,566	4,760	4,289
29	34	98 192	12 056,792	161 532,645	13,398	12,927	79	84	34 758	114,758	513,882	4,478	4,008
30	35	98 106	11 205,808	149 475,853	13,339	12,869	80	85	30 931	94,998	399,123	4,201	3,731
31	36	98 009	10 413,637	138 270,045	13,278	12,808	81	86	27 053	77,291	304,126	3,935	3,465
32	37	97 906	9 676,931	127 856,408	13,212	12,742	82	87	23 207	61,677	226,834	3,678	3,208
33	38	97 797	8 991,754	118 179,477	13,143	12,673	83	88	19 456	48,101	165,158	3,434	2,963
34	39	97 674	8 353,927	109 187,723	13,070	12,600	84	89	15 889	36,541	117,057	3,203	2,733
35	40	97 542	7 760,581	100 833,796	12,993	12,523	85	90	12 602	26,961	80,516	2,986	2,516
36	41	97 406	7 209,127	93 073,215	12,910	12,440	86	91	9 653	19,210	53,555	2,788	2,318
37	42	97 249	6 695,332	85 864,088	12,824	12,354	87	92	7 128	13,196	34,345	2,603	2,132
38	43	97 074	6 216,983	79 168,756	12,734	12,264	88	93	5 041	8,682	21,149	2,436	1,966
39	44	96 888	5 772,189	72 951,773	12,638	12,168	89	94	3 401	5,448	12,468	2,289	1,818
40	45	96 685	5 358,205	67 179,584	12,538	12,067	90	95	2 188	3,260	7,020	2,154	1,683
41	46	96 461	4 972,854	61 821,379	12,432	11,961	91	96	1 332	1,847	3,760	2,036	1,566
42	47	96 207	4 613,729	56 848,525	12,322	11,851	92	97	767	0,990	1,914	1,934	1,464
43	48	95 946	4 280,201	52 234,796	12,204	11,734	93	98	420	0,504	0,924	1,834	1,364
44	49	95 648	3 969,202	47 954,595	12,082	11,611	94	99	216	0,241	0,420	1,744	1,274
45	50	95 321	3 679,672	43 985,393	11,954	11,483	95	100	104	0,107	0,179	1,668	1,198
46	51	94 967	3 410,218	40 305,721	11,819	11,349							
47	52	94 574	3 159,179	36 895,503	11,679	11,209							
48	53	94 146	2 925,456	33 736,324	11,532	11,062							
49	54	93 666	2 707,485	30 810,868	11,380	10,910							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	1 407 440,048	14,124	13,654	50	56	92 844	2 496,483	27 813,283	11,141	10,671
1	7	99 305	92 376,735	1 307 790,395	14,157	13,687	51	57	92 232	2 307,020	25 316,800	10,974	10,504
2	8	99 276	85 906,988	1 215 413,659	14,148	13,678	52	58	91 557	2 130,354	23 009,780	10,801	10,331
3	9	99 256	79 897,088	1 129 506,672	14,137	13,667	53	59	90 811	1 965,568	20 879,427	10,623	10,152
4	10	99 239	74 310,113	1 049 609,584	14,125	13,654	54	60	89 982	1 811,746	18 913,859	10,440	9,969
5	11	99 222	69 113,956	975 299,471	14,111	13,641	55	61	89 072	1 668,307	17 102,113	10,251	9,781
6	12	99 205	64 281,266	906 185,515	14,097	13,627	56	62	88 071	1 534,468	15 433,805	10,058	9,588
7	13	99 190	59 787,363	841 904,249	14,082	13,611	57	63	86 977	1 409,688	13 899,337	9,860	9,390
8	14	99 173	55 606,352	782 116,886	14,065	13,595	58	64	85 779	1 293,265	12 489,648	9,657	9,187
9	15	99 156	51 718,128	726 510,534	14,048	13,577	59	65	84 485	1 184,901	11 196,383	9,449	8,979
10	16	99 137	48 100,455	674 792,407	14,029	13,559	60	66	83 080	1 083,899	10 011,482	9,237	8,766
11	17	99 117	44 735,558	626 691,951	14,009	13,539	61	67	81 566	989,899	8 927,583	9,019	8,548
12	18	99 097	41 606,201	581 956,394	13,987	13,517	62	68	79 946	902,556	7 937,683	8,795	8,324
13	19	99 072	38 693,735	540 350,192	13,965	13,495	63	69	78 201	821,253	7 035,127	8,566	8,096
14	20	99 046	35 984,911	501 656,457	13,941	13,470	64	70	76 296	745,353	6 213,874	8,337	7,867
15	21	99 018	33 464,722	465 671,546	13,915	13,445	65	71	74 274	674,972	5 468,521	8,102	7,632
16	22	98 986	31 119,851	432 206,823	13,888	13,418	66	72	72 123	609,701	4 793,549	7,862	7,392
17	23	98 947	28 937,223	401 086,972	13,861	13,390	67	73	69 852	549,300	4 183,848	7,617	7,146
18	24	98 904	26 906,768	372 149,749	13,831	13,361	68	74	67 441	493,341	3 634,547	7,367	6,897
19	25	98 850	25 015,780	345 242,981	13,801	13,331	69	75	64 914	441,725	3 141,206	7,111	6,641
20	26	98 790	23 256,581	320 227,201	13,769	13,299	70	76	62 267	394,151	2 699,481	6,849	6,379
21	27	98 732	21 621,247	296 970,620	13,735	13,265	71	77	59 517	350,460	2 305,330	6,578	6,108
22	28	98 671	20 100,436	275 349,373	13,699	13,228	72	78	56 643	310,270	1 954,870	6,301	5,830
23	29	98 607	18 685,793	255 248,937	13,660	13,190	73	79	53 654	273,391	1 644,600	6,016	5,545
24	30	98 541	17 370,542	236 563,143	13,619	13,148	74	80	50 502	239,376	1 371,209	5,728	5,258
25	31	98 468	16 146,675	219 192,601	13,575	13,105	75	81	47 202	208,124	1 131,834	5,438	4,968
26	32	98 393	15 008,694	203 045,927	13,529	13,058	76	82	43 743	179,419	923,709	5,148	4,678
27	33	98 316	13 950,736	188 037,233	13,479	13,008	77	83	40 126	153,100	744,291	4,861	4,391
28	34	98 238	12 967,049	174 086,497	13,425	12,955	78	84	36 385	129,140	591,191	4,578	4,108
29	35	98 155	12 052,189	161 119,448	13,368	12,898	79	85	32 541	107,438	462,050	4,301	3,830
30	36	98 061	11 200,575	149 067,259	13,309	12,839	80	86	28 651	87,997	354,612	4,030	3,560
31	37	97 962	10 408,671	137 866,684	13,245	12,775	81	87	24 746	70,700	266,615	3,771	3,301
32	38	97 856	9 672,045	127 458,012	13,178	12,708	82	88	20 907	55,565	195,915	3,526	3,056
33	39	97 742	8 986,772	117 785,968	13,107	12,636	83	89	17 252	42,651	140,351	3,291	2,820
34	40	97 610	8 348,491	108 799,196	13,032	12,562	84	90	13 842	31,834	97,700	3,069	2,599
35	41	97 480	7 755,667	100 450,704	12,952	12,482	85	91	10 748	22,994	65,865	2,864	2,394
36	42	97 335	7 203,844	92 695,037	12,867	12,397	86	92	8 051	16,023	42,871	2,676	2,205
37	43	97 171	6 689,930	85 491,193	12,779	12,309	87	93	5 788	10,716	26,848	2,506	2,035
38	44	96 987	6 211,414	78 801,264	12,687	12,216	88	94	3 985	6,863	16,133	2,351	1,880
39	45	96 797	5 766,729	72 589,850	12,588	12,117	89	95	2 620	4,198	9,270	2,208	1,738
40	46	96 581	5 352,442	66 823,120	12,485	12,014	90	96	1 631	2,431	5,072	2,086	1,616
41	47	96 347	4 966,965	61 470,679	12,376	11,906	91	97	960	1,331	2,641	1,984	1,514
42	48	96 082	4 607,734	56 503,714	12,263	11,793	92	98	541	0,698	1,310	1,877	1,407
43	49	95 801	4 273,708	51 895,980	12,143	11,673	93	99	286	0,343	0,612	1,784	1,314
44	50	95 487	3 962,518	47 622,272	12,018	11,548	94	100	142	0,158	0,269	1,701	1,230
45	51	95 146	3 672,887	43 659,754	11,887	11,417							
46	52	94 770	3 403,137	39 986,867	11,750	11,280							
47	53	94 366	3 152,215	36 583,730	11,606	11,135							
48	54	93 912	2 918,205	33 431,516	11,456	10,986							
49	55	93 408	2 700,028	30 513,311	11,301	10,831							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	1 406 841,593	14,119	13,649	50	57	92 530	2 488,041	27 501,183	11,053	10,583
1	8	99 300	92 372,336	1 307 199,216	14,151	13,681	51	58	91 886	2 298,354	25 013,142	10,883	10,413
2	9	99 269	85 900,796	1 214 826,880	14,142	13,672	52	59	91 175	2 121,463	22 714,789	10,707	10,237
3	10	99 251	79 892,841	1 128 926,084	14,131	13,660	53	60	90 390	1 956,458	20 593,326	10,526	10,056
4	11	99 233	74 305,981	1 049 033,242	14,118	13,647	54	61	89 520	1 802,458	18 636,867	10,340	9,869
5	12	99 214	69 108,641	974 727,261	14,104	13,634	55	62	88 575	1 658,988	16 834,410	10,147	9,677
6	13	99 199	64 277,203	905 618,620	14,089	13,619	56	63	87 532	1 525,075	15 175,422	9,951	9,480
7	14	99 182	59 782,638	841 341,416	14,073	13,603	57	64	86 389	1 400,159	13 650,347	9,749	9,279
8	15	99 164	55 601,222	781 558,779	14,057	13,586	58	65	85 143	1 283,684	12 250,189	9,543	9,073
9	16	99 145	51 712,140	725 957,557	14,038	13,568	59	66	83 808	1 175,406	10 966,505	9,330	8,860
10	17	99 124	48 094,306	674 245,417	14,019	13,549	60	67	82 352	1 074,407	9 791,099	9,113	8,643
11	18	99 104	44 729,758	626 151,111	13,999	13,528	61	68	80 802	980,636	8 716,692	8,889	8,419
12	19	99 081	41 599,448	581 421,353	13,977	13,506	62	69	79 131	893,347	7 736,057	8,660	8,189
13	20	99 056	38 687,375	539 821,905	13,953	13,483	63	70	77 298	811,770	6 842,710	8,429	7,959
14	21	99 030	35 979,021	501 134,530	13,929	13,458	64	71	75 339	735,997	6 030,939	8,194	7,724
15	22	99 001	33 459,400	465 155,509	13,902	13,432	65	72	73 248	665,648	5 294,942	7,955	7,484
16	23	98 969	31 114,630	431 696,469	13,874	13,404	66	73	71 045	600,588	4 629,294	7,708	7,238
17	24	98 930	28 932,490	400 581,839	13,845	13,375	67	74	68 683	540,107	4 028,707	7,459	6,989
18	25	98 888	26 902,348	371 649,349	13,815	13,344	68	75	66 214	484,367	3 488,599	7,202	6,732
19	26	98 830	25 010,917	344 747,000	13,784	13,314	69	76	63 608	432,837	3 004,233	6,941	6,471
20	27	98 773	23 252,435	319 736,084	13,751	13,280	70	77	60 887	385,421	2 571,395	6,672	6,201
21	28	98 711	21 616,712	296 483,648	13,715	13,245	71	78	58 092	342,071	2 185,975	6,390	5,920
22	29	98 648	20 095,653	274 866,936	13,678	13,208	72	79	55 102	301,828	1 843,904	6,109	5,639
23	30	98 582	18 681,182	254 771,284	13,638	13,168	73	80	52 001	264,968	1 542,076	5,820	5,350
24	31	98 513	17 365,630	236 090,101	13,595	13,125	74	81	48 721	230,935	1 277,108	5,530	5,060
25	32	98 436	16 141,475	218 724,471	13,550	13,080	75	82	45 294	199,713	1 046,173	5,238	4,768
26	33	98 360	15 003,652	202 582,996	13,502	13,032	76	83	41 687	170,986	846,460	4,950	4,480
27	34	98 282	13 945,850	187 579,343	13,451	12,980	77	84	37 911	144,650	675,474	4,670	4,199
28	35	98 200	12 962,098	173 633,494	13,395	12,925	78	85	34 064	120,903	530,825	4,391	3,920
29	36	98 109	12 046,561	160 671,395	13,338	12,867	79	86	30 143	99,520	409,922	4,119	3,649
30	37	98 014	11 195,234	148 624,834	13,276	12,805	80	87	26 208	80,493	310,402	3,856	3,386
31	38	97 913	10 403,416	137 429,600	13,210	12,740	81	88	22 294	63,694	229,909	3,610	3,139
32	39	97 802	9 666,685	127 026,184	13,141	12,670	82	89	18 538	49,269	166,215	3,374	2,903
33	40	97 679	8 980,925	117 359,499	13,068	12,597	83	90	15 030	37,157	116,946	3,147	2,677
34	41	97 549	8 343,206	108 378,574	12,990	12,520	84	91	11 806	27,151	79,788	2,939	2,468
35	42	97 409	7 749,983	100 035,368	12,908	12,438	85	92	8 965	19,179	52,637	2,745	2,274
36	43	97 256	7 198,031	92 285,385	12,821	12,351	86	93	6 538	13,011	33,459	2,572	2,101
37	44	97 084	6 683,938	85 087,354	12,730	12,260	87	94	4 576	8,471	20,447	2,414	1,944
38	45	96 895	6 205,539	78 403,416	12,634	12,164	88	95	3 071	5,288	11,976	2,265	1,794
39	46	96 692	5 760,526	72 197,878	12,533	12,063	89	96	1 954	3,130	6,688	2,136	1,666
40	47	96 466	5 346,103	66 437,351	12,427	11,957	90	97	1 176	1,752	3,557	2,031	1,560
41	48	96 222	4 960,511	61 091,248	12,316	11,845	91	98	677	0,939	1,805	1,924	1,453
42	49	95 936	4 600,744	56 130,737	12,200	11,730	92	99	369	0,475	0,867	1,824	1,354
43	50	95 639	4 266,510	51 529,993	12,078	11,608	93	100	188	0,225	0,392	1,738	1,268
44	51	95 311	3 955,211	47 263,483	11,950	11,479							
45	52	94 948	3 665,260	43 308,271	11,816	11,346							
46	53	94 561	3 395,635	39 643,011	11,675	11,204							
47	54	94 132	3 144,402	36 247,376	11,528	11,057							
48	55	93 654	2 910,167	33 102,975	11,375	10,905							
49	56	93 117	2 691,624	30 192,808	11,217	10,747							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	1 406 196,972	14,113	13,643	50	58	92 182	2 478,695	27 165,913	10,960	10,489
1	9	99 293	92 365,679	1 306 559,340	14,146	13,675	51	59	91 502	2 288,761	24 687,218	10,786	10,316
2	10	99 264	85 896,231	1 214 193,662	14,136	13,665	52	60	90 752	2 111,631	22 398,456	10,607	10,137
3	11	99 245	79 888,400	1 128 297,431	14,123	13,653	53	61	89 926	1 946,428	20 286,825	10,423	9,952
4	12	99 226	74 300,267	1 048 409,031	14,110	13,640	54	62	89 020	1 792,389	18 340,397	10,232	9,762
5	13	99 208	69 104,274	974 108,764	14,096	13,626	55	63	88 032	1 648,832	16 548,008	10,036	9,566
6	14	99 191	64 272,123	905 004,490	14,081	13,611	56	64	86 940	1 514,765	14 899,177	9,836	9,366
7	15	99 173	59 777,123	840 732,367	14,064	13,594	57	65	85 749	1 389,785	13 384,412	9,631	9,160
8	16	99 152	55 594,785	780 955,245	14,047	13,577	58	66	84 461	1 273,397	11 994,627	9,419	8,949
9	17	99 132	51 705,529	725 360,460	14,029	13,558	59	67	83 074	1 165,112	10 721,230	9,202	8,732
10	18	99 111	48 088,071	673 654,931	14,009	13,538	60	68	81 582	1 064,353	9 556,118	8,978	8,508
11	19	99 088	44 722,497	625 566,860	13,988	13,517	61	69	79 978	970,629	8 491,766	8,749	8,278
12	20	99 064	41 592,610	580 844,363	13,965	13,495	62	70	78 217	883,032	7 521,136	8,517	8,047
13	21	99 039	38 681,042	539 251,753	13,941	13,471	63	71	76 327	801,581	6 638,105	8,281	7,811
14	22	99 013	35 972,912	500 570,710	13,915	13,445	64	72	74 298	725,830	5 836,523	8,041	7,571
15	23	98 985	33 453,426	464 597,798	13,888	13,418	65	73	72 153	655,698	5 110,693	7,794	7,324
16	24	98 953	31 109,541	431 144,372	13,859	13,389	66	74	69 856	590,536	4 454,996	7,544	7,074
17	25	98 914	28 927,737	400 034,831	13,829	13,358	67	75	67 433	530,282	3 864,459	7,288	6,817
18	26	98 869	26 897,118	371 107,093	13,797	13,327	68	76	64 882	474,621	3 334,178	7,025	6,555
19	27	98 813	25 006,459	344 209,975	13,765	13,295	69	77	62 199	423,251	2 859,557	6,756	6,286
20	28	98 752	23 247,558	319 203,516	13,731	13,260	70	78	59 430	376,194	2 436,306	6,476	6,006
21	29	98 688	21 611,568	295 955,958	13,694	13,224	71	79	56 512	332,764	2 060,112	6,191	5,721
22	30	98 624	20 090,694	274 344,391	13,655	13,185	72	80	53 405	292,529	1 727,348	5,905	5,435
23	31	98 554	18 675,900	254 253,697	13,614	13,144	73	81	50 167	255,625	1 434,819	5,613	5,143
24	32	98 481	17 360,038	235 577,797	13,570	13,100	74	82	46 752	221,602	1 179,194	5,321	4,851
25	33	98 403	16 136,053	218 217,759	13,524	13,053	75	83	43 165	190,326	957,592	5,031	4,561
26	34	98 325	14 998,398	202 081,706	13,474	13,003	76	84	39 386	161,548	767,266	4,749	4,279
27	35	98 244	13 940,525	187 083,308	13,420	12,950	77	85	35 493	135,423	605,718	4,473	4,003
28	36	98 154	12 956,046	173 142,783	13,364	12,894	78	86	31 554	111,993	470,295	4,199	3,729
29	37	98 062	12 040,817	160 186,737	13,304	12,833	79	87	27 572	91,034	358,303	3,936	3,466
30	38	97 964	11 189,581	148 145,920	13,240	12,769	80	88	23 611	72,516	267,269	3,686	3,215
31	39	97 858	10 397,651	136 956,339	13,172	12,702	81	89	19 768	56,477	194,753	3,448	2,978
32	40	97 739	9 660,396	126 558,688	13,101	12,630	82	90	16 150	42,923	138,275	3,221	2,751
33	41	97 617	8 975,239	116 898,292	13,025	12,554	83	91	12 818	31,691	95,353	3,009	2,539
34	42	97 477	8 337,091	107 923,053	12,945	12,475	84	92	9 847	22,646	63,662	2,811	2,341
35	43	97 330	7 743,730	99 585,963	12,860	12,390	85	93	7 280	15,574	41,016	2,634	2,163
36	44	97 169	7 191,584	91 842,233	12,771	12,301	86	94	5 169	10,286	25,442	2,473	2,003
37	45	96 992	6 677,616	84 650,649	12,677	12,206	87	95	3 526	6,527	15,156	2,322	1,852
38	46	96 791	6 198,864	77 973,033	12,579	12,108	88	96	2 290	3,944	8,628	2,188	1,718
39	47	96 578	5 753,705	71 774,169	12,474	12,004	89	97	1 408	2,256	4,685	2,076	1,606
40	48	96 341	5 339,157	66 020,465	12,365	11,895	90	98	829	1,236	2,429	1,966	1,495
41	49	96 076	4 952,985	60 681,308	12,251	11,781	91	99	461	0,639	1,193	1,866	1,396
42	50	95 775	4 592,996	55 728,323	12,133	11,663	92	100	242	0,312	0,554	1,774	1,304
43	51	95 463	4 258,643	51 135,327	12,007	11,537							
44	52	95 113	3 946,998	46 876,683	11,877	11,406							
45	53	94 739	3 657,181	42 929,685	11,738	11,268							
46	54	94 326	3 387,219	39 272,504	11,594	11,124							
47	55	93 872	3 135,741	35 885,286	11,444	10,974							
48	56	93 362	2 901,110	32 749,545	11,289	10,818							
49	57	92 802	2 682,522	29 848,435	11,127	10,657							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	1 405 499,780	14,107	13,637	50	59	91 797	2 468,350	26 806,517	10,860	10,390
1	10	99 288	92 360,769	1 305 869,329	14,139	13,669	51	60	91 078	2 278,154	24 338,167	10,683	10,213
2	11	99 258	85 891,455	1 213 508,560	14,128	13,658	52	61	90 287	2 100,805	22 060,013	10,501	10,030
3	12	99 237	79 882,256	1 127 617,104	14,116	13,646	53	62	89 424	1 935,555	19 959,208	10,312	9,842
4	13	99 219	74 295,571	1 047 734,848	14,102	13,632	54	63	88 475	1 781,416	18 023,653	10,118	9,647
5	14	99 200	69 098,812	973 439,277	14,088	13,617	55	64	87 437	1 637,685	16 242,237	9,918	9,448
6	15	99 182	64 266,194	904 340,465	14,072	13,602	56	65	86 296	1 503,542	14 604,552	9,713	9,243
7	16	99 162	59 770,202	840 074,271	14,055	13,585	57	66	85 062	1 378,648	13 101,009	9,503	9,033
8	17	99 139	55 585,678	780 304,069	14,037	13,567	58	67	83 721	1 262,245	11 722,362	9,287	8,817
9	18	99 119	51 698,826	724 716,391	14,018	13,548	59	68	82 297	1 154,209	10 460,117	9,063	8,592
10	19	99 095	48 080,265	673 017,566	13,998	13,528	60	69	80 749	1 053,492	9 305,908	8,833	8,363
11	20	99 071	44 715,146	624 937,301	13,976	13,506	61	70	79 054	959,422	8 252,416	8,601	8,131
12	21	99 048	41 585,802	580 222,155	13,952	13,482	62	71	77 235	871,948	7 292,994	8,364	7,894
13	22	99 023	38 674,475	538 636,353	13,927	13,457	63	72	75 273	790,508	6 421,046	8,123	7,652
14	23	98 997	35 966,877	499 961,878	13,901	13,430	64	73	73 187	714,980	5 630,538	7,875	7,405
15	24	98 968	33 447,955	463 995,001	13,872	13,402	65	74	70 945	644,724	4 915,558	7,624	7,154
16	25	98 937	31 104,430	430 547,046	13,842	13,372	66	75	68 585	579,793	4 270,834	7,366	6,896
17	26	98 895	28 922,114	399 442,616	13,811	13,341	67	76	66 076	519,612	3 691,041	7,103	6,633
18	27	98 851	26 892,324	370 520,502	13,778	13,308	68	77	63 445	464,109	3 171,428	6,833	6,363
19	28	98 792	25 001,214	343 628,178	13,744	13,274	69	78	60 710	413,119	2 707,320	6,553	6,083
20	29	98 729	23 242,026	318 626,965	13,709	13,239	70	79	57 813	365,959	2 294,201	6,269	5,799
21	30	98 664	21 606,235	295 384,939	13,671	13,201	71	80	54 770	322,512	1 928,242	5,979	5,509
22	31	98 596	20 085,012	273 778,704	13,631	13,161	72	81	51 522	282,214	1 605,730	5,690	5,219
23	32	98 523	18 669,886	253 693,692	13,588	13,118	73	82	48 140	245,294	1 323,516	5,396	4,925
24	33	98 448	17 354,207	235 023,806	13,543	13,072	74	83	44 554	211,186	1 078,222	5,106	4,635
25	34	98 369	16 130,402	217 669,599	13,494	13,024	75	84	40 783	179,821	867,036	4,822	4,351
26	35	98 288	14 992,671	201 539,197	13,443	12,972	76	85	36 874	151,243	687,215	4,544	4,073
27	36	98 198	13 934,016	186 546,526	13,388	12,918	77	86	32 877	125,443	535,972	4,273	3,802
28	37	98 108	12 949,868	172 612,510	13,329	12,859	78	87	28 863	102,442	410,529	4,007	3,537
29	38	98 013	12 034,737	159 662,642	13,267	12,797	79	88	24 840	82,013	308,087	3,757	3,286
30	39	97 910	11 183,381	147 627,905	13,201	12,730	80	89	20 936	64,300	226,074	3,516	3,046
31	40	97 795	10 390,886	136 444,524	13,131	12,661	81	90	17 222	49,203	161,774	3,288	2,818
32	41	97 677	9 654,279	126 053,638	13,057	12,586	82	91	13 774	36,608	112,572	3,075	2,605
33	42	97 545	8 968,660	116 399,359	12,978	12,508	83	92	10 692	26,432	75,964	2,874	2,404
34	43	97 398	8 330,364	107 430,698	12,896	12,426	84	93	7 996	18,390	49,531	2,693	2,223
35	44	97 243	7 736,794	99 100,335	12,809	12,339	85	94	5 755	12,312	31,142	2,529	2,059
36	45	97 077	7 184,782	91 363,541	12,716	12,246	86	95	3 983	7,926	18,829	2,376	1,905
37	46	96 887	6 670,433	84 178,759	12,620	12,149	87	96	2 629	4,868	10,904	2,240	1,770
38	47	96 676	6 191,523	77 508,326	12,518	12,048	88	97	1 650	2,842	6,036	2,124	1,653
39	48	96 452	5 746,228	71 316,803	12,411	11,941	89	98	993	1,591	3,194	2,007	1,537
40	49	96 195	5 331,057	65 570,575	12,300	11,829	90	99	565	0,841	1,603	1,905	1,434
41	50	95 914	4 944,644	60 239,518	12,183	11,713	91	100	303	0,420	0,761	1,813	1,343
42	51	95 598	4 584,527	55 294,874	12,061	11,591							
43	52	95 265	4 249,800	50 710,347	11,932	11,462							
44	53	94 903	3 938,297	46 460,546	11,797	11,327							
45	54	94 504	3 648,116	42 522,249	11,656	11,186							
46	55	94 066	3 377,889	38 874,133	11,508	11,038							
47	56	93 580	3 125,981	35 496,244	11,355	10,885							
48	57	93 046	2 891,299	32 370,262	11,196	10,725							
49	58	92 454	2 672,446	29 478,963	11,031	10,560							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	1 404 748,509	14,100	13,630	50	60	91 372	2 456,911	26 422,100	10,754	10,284
1	11	99 282	92 355,635	1 305 123,354	14,131	13,661	51	61	90 611	2 266,475	23 965,190	10,574	10,103
2	12	99 251	85 884,850	1 212 767,719	14,121	13,651	52	62	89 783	2 089,069	21 698,715	10,387	9,917
3	13	99 231	79 877,208	1 126 882,869	14,108	13,637	53	63	88 877	1 923,706	19 609,645	10,194	9,723
4	14	99 212	74 289,699	1 047 005,661	14,094	13,623	54	64	87 877	1 769,373	17 685,940	9,996	9,525
5	15	99 191	69 092,437	972 715,962	14,078	13,608	55	65	86 789	1 625,552	15 916,567	9,791	9,321
6	16	99 171	64 258,753	903 623,525	14,062	13,592	56	66	85 604	1 491,493	14 291,015	9,582	9,111
7	17	99 149	59 762,561	839 364,771	14,045	13,575	57	67	84 317	1 366,574	12 799,521	9,366	8,896
8	18	99 127	55 580,470	779 602,210	14,027	13,558	58	68	82 938	1 250,433	11 432,947	9,143	8,673
9	19	99 103	51 690,434	724 021,740	14,007	13,537	59	69	81 457	1 142,431	10 182,515	8,913	8,443
10	20	99 079	48 072,362	672 331,306	13,986	13,516	60	70	79 817	1 041,328	9 040,083	8,681	8,211
11	21	99 055	44 707,827	624 258,944	13,963	13,493	61	71	78 062	947,380	7 998,755	8,443	7,973
12	22	99 031	41 578,741	579 551,117	13,939	13,468	62	72	76 168	859,903	7 051,376	8,200	7,730
13	23	99 006	38 667,986	537 972,376	13,913	13,442	63	73	74 148	778,691	6 191,473	7,951	7,481
14	24	98 981	35 960,994	499 304,390	13,885	13,414	64	74	71 962	703,014	5 412,782	7,699	7,229
15	25	98 952	33 442,460	463 343,396	13,855	13,385	65	75	69 655	632,995	4 709,767	7,440	6,970
16	26	98 918	31 098,383	429 900,935	13,824	13,354	66	76	67 205	568,128	4 076,772	7,176	6,706
17	27	98 877	28 916,958	398 802,552	13,791	13,321	67	77	64 613	508,104	3 508,645	6,905	6,435
18	28	98 830	26 886,683	369 885,594	13,757	13,287	68	78	61 926	452,999	3 000,541	6,624	6,153
19	29	98 769	24 995,264	342 998,910	13,723	13,252	69	79	59 058	401,879	2 547,542	6,339	5,869
20	30	98 704	23 236,290	318 003,647	13,686	13,215	70	80	56 032	354,684	2 145,663	6,049	5,579
21	31	98 636	21 600,125	294 767,356	13,647	13,176	71	81	52 839	311,140	1 790,979	5,756	5,286
22	32	98 564	20 078,545	273 167,232	13,605	13,135	72	82	49 439	270,809	1 479,839	5,465	4,994
23	33	98 490	18 663,615	253 088,687	13,561	13,090	73	83	45 877	233,764	1 209,031	5,172	4,702
24	34	98 414	17 348,129	234 425,072	13,513	13,043	74	84	42 095	199,529	975,266	4,888	4,418
25	35	98 331	16 124,244	217 076,943	13,463	12,992	75	85	38 181	168,350	775,737	4,608	4,138
26	36	98 242	14 985,671	200 952,700	13,410	12,939	76	86	34 156	140,097	607,387	4,335	3,865
27	37	98 152	13 927,371	185 967,029	13,353	12,882	77	87	30 074	114,745	467,289	4,072	3,602
28	38	98 058	12 943,329	172 039,657	13,292	12,821	78	88	26 003	92,291	352,544	3,820	3,350
29	39	97 958	12 028,068	159 096,329	13,227	12,757	79	89	22 025	72,720	260,253	3,579	3,109
30	40	97 846	11 176,105	147 068,260	13,159	12,689	80	90	18 239	56,018	187,533	3,348	2,877
31	41	97 733	10 384,307	135 892,156	13,086	12,616	81	91	14 688	41,964	131,515	3,134	2,664
32	42	97 605	9 647,203	125 507,848	13,010	12,539	82	92	11 489	30,534	89,551	2,933	2,463
33	43	97 467	8 961,424	115 860,645	12,929	12,459	83	93	8 682	21,465	59,017	2,750	2,279
34	44	97 311	8 322,902	106 899,221	12,844	12,374	84	94	6 321	14,538	37,553	2,583	2,113
35	45	97 151	7 729,476	98 576,319	12,753	12,283	85	95	4 435	9,487	23,015	2,426	1,956
36	46	96 973	7 177,053	90 846,842	12,658	12,188	86	96	2 970	5,911	13,528	2,289	1,818
37	47	96 773	6 662,534	83 669,789	12,558	12,088	87	97	1 895	3,508	7,617	2,171	1,701
38	48	96 550	6 183,478	77 007,255	12,454	11,983	88	98	1 164	2,005	4,109	2,050	1,580
39	49	96 306	5 737,511	70 823,777	12,344	11,874	89	99	676	1,083	2,105	1,943	1,472
40	50	96 033	5 322,079	65 086,267	12,229	11,759	90	100	371	0,553	1,021	1,848	1,378
41	51	95 737	4 935,527	59 764,188	12,109	11,639							
42	52	95 400	4 575,007	54 828,661	11,984	11,514							
43	53	95 055	4 240,432	50 253,654	11,851	11,381							
44	54	94 668	3 928,536	46 013,222	11,713	11,242							
45	55	94 244	3 638,068	42 084,686	11,568	11,098							
46	56	93 774	3 367,376	38 446,618	11,417	10,947							
47	57	93 264	3 115,411	35 079,242	11,260	10,790							
48	58	92 697	2 880,439	31 963,831	11,097	10,627							
49	59	92 068	2 661,292	29 083,393	10,928	10,458							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	1 403 936,910	14,093	13,623	50	61	90 903	2 444,315	26 011,827	10,642	10,171
1	12	99 275	92 348,532	1 304 317,294	14,124	13,654	51	62	90 105	2 253,814	23 567,512	10,457	9,986
2	13	99 244	85 879,422	1 211 968,761	14,112	13,642	52	63	89 233	2 076,280	21 313,698	10,265	9,795
3	14	99 223	79 870,894	1 126 089,339	14,099	13,629	53	64	88 276	1 910,701	19 237,418	10,068	9,598
4	15	99 202	74 282,846	1 046 218,445	14,084	13,614	54	65	87 226	1 756,264	17 326,717	9,866	9,395
5	16	99 180	69 084,438	971 935,599	14,069	13,599	55	66	86 094	1 612,525	15 570,452	9,656	9,186
6	17	99 158	64 250,539	902 851,160	14,052	13,582	56	67	84 855	1 478,431	13 957,927	9,441	8,971
7	18	99 136	59 754,813	838 600,622	14,034	13,564	57	68	83 528	1 353,786	12 479,496	9,218	8,748
8	19	99 110	55 571,449	778 845,809	14,015	13,545	58	69	82 091	1 237,673	11 125,710	8,989	8,519
9	20	99 087	51 681,938	723 274,360	13,995	13,524	59	70	80 517	1 129,240	9 888,037	8,756	8,286
10	21	99 062	48 064,493	671 592,423	13,973	13,502	60	71	78 815	1 028,258	8 758,797	8,518	8,048
11	22	99 038	44 700,236	623 527,929	13,949	13,479	61	72	76 984	934,292	7 730,539	8,274	7,804
12	23	99 015	41 571,765	578 827,693	13,924	13,453	62	73	75 030	847,049	6 796,247	8,023	7,553
13	24	98 990	38 661,661	537 255,928	13,896	13,426	63	74	72 907	765,659	5 949,198	7,770	7,300
14	25	98 964	35 955,087	498 594,267	13,867	13,397	64	75	70 653	690,225	5 183,539	7,510	7,040
15	26	98 933	33 435,959	462 639,180	13,837	13,366	65	76	68 253	620,259	4 493,314	7,244	6,774
16	27	98 900	31 092,846	429 203,221	13,804	13,334	66	77	65 717	555,544	3 873,055	6,972	6,501
17	28	98 857	28 910,893	398 110,381	13,770	13,300	67	78	63 066	495,940	3 317,510	6,689	6,219
18	29	98 807	26 880,284	369 199,488	13,735	13,265	68	79	60 241	440,674	2 821,570	6,403	5,933
19	30	98 744	24 989,096	342 319,203	13,699	13,228	69	80	57 239	389,498	2 380,896	6,113	5,642
20	31	98 676	23 229,719	317 330,107	13,661	13,190	70	81	54 056	342,178	1 991,399	5,820	5,349
21	32	98 604	21 593,169	294 100,388	13,620	13,150	71	82	50 704	298,565	1 649,221	5,524	5,054
22	33	98 531	20 071,800	272 507,219	13,577	13,106	72	83	47 115	258,080	1 350,656	5,233	4,763
23	34	98 455	18 657,078	252 435,418	13,530	13,060	73	84	43 345	220,862	1 092,576	4,947	4,477
24	35	98 376	17 341,505	233 778,340	13,481	13,011	74	85	39 410	186,802	871,715	4,667	4,196
25	36	98 285	16 116,715	216 436,835	13,429	12,959	75	86	35 367	155,944	684,913	4,392	3,922
26	37	98 195	14 978,525	200 320,120	13,374	12,904	76	87	31 244	128,150	528,969	4,128	3,657
27	38	98 102	13 920,339	185 341,596	13,314	12,844	77	88	27 094	103,375	400,819	3,877	3,407
28	39	98 004	12 936,157	171 421,256	13,251	12,781	78	89	23 056	81,834	297,444	3,635	3,164
29	40	97 895	12 020,242	158 485,100	13,185	12,715	79	90	19 188	63,353	215,610	3,403	2,933
30	41	97 784	11 169,029	146 464,857	13,113	12,643	80	91	15 556	47,777	152,257	3,187	2,717
31	42	97 661	10 376,696	135 295,829	13,038	12,568	81	92	12 251	35,001	104,480	2,985	2,515
32	43	97 526	9 639,420	124 919,132	12,959	12,489	82	93	9 330	24,795	69,479	2,802	2,332
33	44	97 379	8 953,397	115 279,713	12,876	12,405	83	94	6 864	16,969	44,684	2,633	2,163
34	45	97 219	8 315,030	106 326,316	12,787	12,317	84	95	4 871	11,202	27,715	2,474	2,004
35	46	97 046	7 721,162	98 011,285	12,694	12,224	85	96	3 307	7,075	16,513	2,334	1,864
36	47	96 858	7 168,554	90 290,124	12,595	12,125	86	97	2 140	4,260	9,439	2,216	1,746
37	48	96 647	6 653,877	83 121,569	12,492	12,022	87	98	1 336	2,474	5,179	2,093	1,623
38	49	96 404	6 174,097	76 467,693	12,385	11,915	88	99	793	1,365	2,705	1,981	1,511
39	50	96 144	5 727,848	70 293,595	12,272	11,802	89	100	444	0,712	1,340	1,883	1,412
40	51	95 856	5 312,266	64 565,747	12,154	11,684							
41	52	95 538	4 925,278	59 253,482	12,030	11,560							
42	53	95 189	4 564,922	54 328,204	11,901	11,431							
43	54	94 819	4 229,922	49 763,282	11,765	11,294							
44	55	94 407	3 917,716	45 533,360	11,622	11,152							
45	56	93 950	3 626,745	41 615,644	11,475	11,004							
46	57	93 457	3 355,989	37 988,899	11,320	10,849							
47	58	92 913	3 103,708	34 632,910	11,159	10,688							
48	59	92 310	2 868,417	31 529,202	10,992	10,522							
49	60	91 641	2 648,959	28 660,785	10,820	10,349							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	1 403 060,567	14,085	13,615	50	62	90 396	2 430,660	25 574,888	10,522	10,052
1	13	99 268	92 342,696	1 303 448,611	14,115	13,645	51	63	89 554	2 240,016	23 144,228	10,332	9,862
2	14	99 237	85 872,634	1 211 105,915	14,104	13,633	52	64	88 630	2 062,244	20 904,212	10,137	9,666
3	15	99 214	79 863,526	1 125 233,280	14,089	13,619	53	65	87 622	1 896,545	18 841,968	9,935	9,465
4	16	99 191	74 274,246	1 045 369,754	14,074	13,604	54	66	86 527	1 742,190	16 945,423	9,727	9,256
5	17	99 167	69 075,607	971 095,508	14,058	13,588	55	67	85 340	1 598,403	15 203,232	9,512	9,041
6	18	99 145	64 242,208	902 019,901	14,041	13,571	56	68	84 060	1 464,596	13 604,829	9,289	8,819
7	19	99 120	59 745,113	837 777,693	14,023	13,552	57	69	82 676	1 339,972	12 140,233	9,060	8,590
8	20	99 094	55 562,314	778 032,580	14,003	13,533	58	70	81 143	1 223,383	10 800,261	8,828	8,358
9	21	99 070	51 673,478	722 470,265	13,981	13,511	59	71	79 506	1 115,066	9 576,879	8,589	8,118
10	22	99 046	48 056,332	670 796,787	13,959	13,488	60	72	77 726	1 014,053	8 461,812	8,345	7,874
11	23	99 022	44 692,736	622 740,455	13,934	13,464	61	73	75 833	920,327	7 447,760	8,093	7,622
12	24	98 999	41 564,966	578 047,718	13,907	13,437	62	74	73 774	832,873	6 527,433	7,837	7,367
13	25	98 974	38 655,310	536 482,753	13,879	13,408	63	75	71 581	751,730	5 694,560	7,575	7,105
14	26	98 945	35 948,097	497 827,442	13,849	13,378	64	76	69 232	676,338	4 942,830	7,308	6,838
15	27	98 915	33 429,999	461 879,346	13,816	13,346	65	77	66 742	606,521	4 266,492	7,034	6,564
16	28	98 879	31 086,319	428 449,347	13,783	13,312	66	78	64 144	542,245	3 659,971	6,750	6,279
17	29	98 833	28 904,013	397 363,028	13,748	13,277	67	79	61 350	482,447	3 117,726	6,462	5,992
18	30	98 782	26 873,651	368 459,015	13,711	13,241	68	80	58 385	427,097	2 635,279	6,170	5,700
19	31	98 716	24 982,029	341 585,364	13,673	13,203	69	81	55 220	375,763	2 208,181	5,877	5,406
20	32	98 645	23 222,239	316 603,335	13,634	13,163	70	82	51 871	328,349	1 832,418	5,581	5,110
21	33	98 571	21 585,916	293 381,095	13,591	13,121	71	83	48 320	284,532	1 504,070	5,286	4,816
22	34	98 496	20 064,771	271 795,179	13,546	13,076	72	84	44 515	243,835	1 219,538	5,001	4,531
23	35	98 418	18 649,955	251 730,409	13,498	13,027	73	85	40 580	206,773	975,703	4,719	4,248
24	36	98 330	17 333,408	233 080,454	13,447	12,977	74	86	36 506	173,036	768,930	4,444	3,973
25	37	98 238	16 109,029	215 747,046	13,393	12,923	75	87	32 351	142,645	595,894	4,177	3,707
26	38	98 145	14 970,962	199 638,016	13,335	12,865	76	88	28 148	115,451	453,249	3,926	3,456
27	39	98 048	13 912,626	184 667,055	13,273	12,803	77	89	24 024	91,662	337,798	3,685	3,215
28	40	97 940	12 927,740	170 754,429	13,208	12,738	78	90	20 087	71,293	246,136	3,452	2,982
29	41	97 833	12 012,632	157 826,689	13,138	12,668	79	91	16 365	54,033	174,843	3,236	2,766
30	42	97 713	11 160,842	145 814,057	13,065	12,595	80	92	12 975	39,849	120,810	3,032	2,561
31	43	97 582	10 368,324	134 653,215	12,987	12,517	81	93	9 948	28,423	80,961	2,848	2,378
32	44	97 439	9 630,786	124 284,891	12,905	12,435	82	94	7 375	19,602	52,538	2,680	2,210
33	45	97 287	8 944,929	114 654,105	12,818	12,347	83	95	5 289	13,075	32,936	2,519	2,049
34	46	97 115	8 306,086	105 709,177	12,727	12,256	84	96	3 632	8,354	19,861	2,377	1,907
35	47	96 931	7 712,018	97 403,091	12,630	12,160	85	97	2 383	5,099	11,507	2,257	1,787
36	48	96 732	7 159,240	89 691,072	12,528	12,058	86	98	1 510	3,004	6,409	2,133	1,663
37	49	96 500	6 643,782	82 531,832	12,422	11,952	87	99	910	1,685	3,404	2,021	1,550
38	50	96 242	6 163,700	75 888,050	12,312	11,842	88	100	521	0,896	1,720	1,918	1,448
39	51	95 967	5 717,287	69 724,351	12,195	11,725							
40	52	95 657	5 301,235	64 007,064	12,074	11,604							
41	53	95 328	4 914,421	58 705,829	11,946	11,475							
42	54	94 954	4 553,607	53 791,409	11,813	11,343							
43	55	94 558	4 218,271	49 237,801	11,673	11,202							
44	56	94 113	3 905,522	45 019,530	11,527	11,057							
45	57	93 633	3 614,481	41 114,008	11,375	10,905							
46	58	93 106	3 343,383	37 499,527	11,216	10,746							
47	59	92 526	3 090,755	34 156,144	11,051	10,581							
48	60	91 882	2 855,123	31 065,389	10,881	10,410							
49	61	91 171	2 635,378	28 210,266	10,704	10,234							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	1 402 116,779	14,077	13,606	50	63	89 842	2 415,780	25 110,332	10,394	9,924
1	14	99 261	92 335,397	1 302 511,119	14,106	13,636	51	64	88 948	2 224,873	22 694,552	10,200	9,730
2	15	99 227	85 864,713	1 210 175,722	14,094	13,624	52	65	87 973	2 046,966	20 469,678	10,000	9,530
3	16	99 203	79 854,280	1 124 311,009	14,080	13,609	53	66	86 920	1 881,347	18 422,713	9,792	9,322
4	17	99 178	74 264,751	1 044 456,729	14,064	13,594	54	67	85 769	1 726,933	16 541,366	9,578	9,108
5	18	99 154	69 066,651	970 191,978	14,047	13,577	55	68	84 541	1 583,445	14 814,434	9,356	8,886
6	19	99 129	64 231,781	901 125,327	14,029	13,559	56	69	83 203	1 449,651	13 230,988	9,127	8,657
7	20	99 104	59 735,293	836 893,546	14,010	13,540	57	70	81 721	1 324,500	11 781,337	8,895	8,425
8	21	99 078	55 553,220	777 158,253	13,989	13,519	58	71	80 125	1 208,027	10 456,837	8,656	8,186
9	22	99 054	51 664,704	721 605,033	13,967	13,497	59	72	78 408	1 099,662	9 248,810	8,411	7,940
10	23	99 029	48 048,269	669 940,329	13,943	13,473	60	73	76 565	998,895	8 149,147	8,158	7,688
11	24	99 005	44 685,426	621 892,060	13,917	13,447	61	74	74 564	904,924	7 150,253	7,901	7,431
12	25	98 982	41 558,138	577 206,633	13,889	13,419	62	75	72 432	817,721	6 245,329	7,637	7,167
13	26	98 954	38 647,795	535 648,495	13,860	13,389	63	76	70 140	736,605	5 427,608	7,368	6,898
14	27	98 927	35 941,689	497 000,700	13,828	13,358	64	77	67 698	661,358	4 691,002	7,093	6,623
15	28	98 895	33 422,987	461 059,011	13,795	13,324	65	78	65 144	592,002	4 029,645	6,807	6,337
16	29	98 856	31 078,921	427 636,024	13,760	13,289	66	79	62 399	527,492	3 437,643	6,517	6,047
17	30	98 809	28 896,880	396 557,103	13,723	13,253	67	80	59 460	467,584	2 910,151	6,224	5,754
18	31	98 754	26 866,052	367 660,223	13,685	13,215	68	81	56 326	412,037	2 442,567	5,928	5,458
19	32	98 684	24 973,985	340 794,171	13,646	13,176	69	82	52 989	360,577	2 030,530	5,631	5,161
20	33	98 611	23 214,439	315 820,186	13,604	13,134	70	83	49 433	312,915	1 669,953	5,337	4,866
21	34	98 536	21 578,356	292 605,747	13,560	13,090	71	84	45 653	268,827	1 357,038	5,048	4,578
22	35	98 459	20 057,110	271 027,391	13,513	13,043	72	85	41 675	228,281	1 088,211	4,767	4,297
23	36	98 372	18 641,247	250 970,281	13,463	12,993	73	86	37 590	191,535	859,930	4,490	4,019
24	37	98 283	17 325,142	232 329,035	13,410	12,940	74	87	33 393	158,279	668,394	4,223	3,753
25	38	98 189	16 100,895	215 003,892	13,354	12,883	75	88	29 145	128,510	510,115	3,969	3,499
26	39	98 091	14 962,666	198 902,997	13,293	12,823	76	89	24 958	102,370	381,605	3,728	3,257
27	40	97 984	13 903,574	183 940,331	13,230	12,759	77	90	20 929	79,855	279,235	3,497	3,026
28	41	97 878	12 919,555	170 036,757	13,161	12,691	78	91	17 132	60,805	199,380	3,279	2,809
29	42	97 761	12 003,827	157 117,202	13,089	12,619	79	92	13 650	45,067	138,575	3,075	2,605
30	43	97 634	11 151,837	145 113,375	13,013	12,542	80	93	10 536	32,360	93,508	2,890	2,419
31	44	97 495	10 359,037	133 961,537	12,932	12,462	81	94	7 865	22,469	61,148	2,721	2,251
32	45	97 347	9 621,676	123 602,501	12,846	12,376	82	95	5 683	15,104	38,679	2,561	2,091
33	46	97 183	8 935,307	113 980,824	12,756	12,286	83	96	3 944	9,751	23,575	2,418	1,947
34	47	97 000	8 296,250	105 045,517	12,662	12,192	84	97	2 618	6,021	13,824	2,296	1,826
35	48	96 805	7 701,998	96 749,267	12,562	12,091	85	98	1 681	3,596	7,804	2,170	1,700
36	49	96 586	7 148,378	89 047,270	12,457	11,987	86	99	1 028	2,046	4,208	2,057	1,586
37	50	96 338	6 632,593	81 898,891	12,348	11,878	87	100	598	1,106	2,162	1,954	1,483
38	51	96 064	6 152,334	75 266,298	12,234	11,763							
39	52	95 767	5 705,415	69 113,963	12,114	11,643							
40	53	95 446	5 289,548	63 408,549	11,988	11,517							
41	54	95 091	4 902,240	58 119,000	11,856	11,385							
42	55	94 692	4 541,065	53 216,760	11,719	11,249							
43	56	94 264	4 205,142	48 675,695	11,575	11,105							
44	57	93 795	3 892,316	44 470,552	11,425	10,955							
45	58	93 281	3 600,904	40 578,237	11,269	10,799							
46	59	92 717	3 329,429	36 977,333	11,106	10,636							
47	60	92 097	3 076,431	33 647,904	10,937	10,467							
48	61	91 411	2 840,486	30 571,473	10,763	10,292							
49	62	90 662	2 620,656	27 730,988	10,582	10,111							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	1 401 098,905	14,068	13,597	50	64	89 235	2 399,449	24 617,331	10,260	9,789
1	15	99 251	92 326,879	1 301 501,117	14,097	13,626	51	65	88 289	2 208,389	22 217,882	10,061	9,590
2	16	99 216	85 854,772	1 209 174,238	14,084	13,614	52	66	87 268	2 030,562	20 009,493	9,854	9,384
3	17	99 190	79 844,072	1 123 319,466	14,069	13,599	53	67	86 158	1 864,870	17 978,931	9,641	9,171
4	18	99 165	74 255,122	1 043 475,394	14,053	13,582	54	68	84 967	1 710,772	16 114,061	9,419	8,949
5	19	99 138	69 055,440	969 220,272	14,035	13,565	55	69	83 679	1 567,288	14 403,289	9,190	8,720
6	20	99 113	64 221,223	900 164,832	14,017	13,546	56	70	82 242	1 432,913	12 836,001	8,958	8,488
7	21	99 088	59 725,516	835 943,609	13,996	13,526	57	71	80 695	1 307,875	11 403,087	8,719	8,249
8	22	99 061	55 543,787	776 218,093	13,975	13,505	58	72	79 018	1 191,339	10 095,212	8,474	8,004
9	23	99 037	51 656,036	720 674,306	13,951	13,481	59	73	77 236	1 083,225	8 903,873	8,220	7,750
10	24	99 013	48 040,411	669 018,270	13,926	13,456	60	74	75 283	982,177	7 820,649	7,963	7,492
11	25	98 989	44 678,086	620 977,859	13,899	13,429	61	75	73 207	888,461	6 838,472	7,697	7,227
12	26	98 963	41 550,058	576 299,774	13,870	13,400	62	76	70 975	801,268	5 950,010	7,426	6,955
13	27	98 937	38 640,907	534 749,715	13,839	13,369	63	77	68 587	720,291	5 148,742	7,148	6,678
14	28	98 907	35 934,151	496 108,809	13,806	13,336	64	78	66 078	645,526	4 428,451	6,860	6,390
15	29	98 871	33 415,033	460 174,658	13,771	13,301	65	79	63 371	575,895	3 782,926	6,569	6,098
16	30	98 831	31 071,251	426 759,625	13,735	13,265	66	80	60 476	511,241	3 207,030	6,273	5,803
17	31	98 781	28 888,709	395 688,374	13,697	13,227	67	81	57 364	451,096	2 695,789	5,976	5,506
18	32	98 723	26 857,401	366 799,665	13,657	13,187	68	82	54 050	395,385	2 244,693	5,677	5,207
19	33	98 651	24 965,596	339 942,264	13,616	13,146	69	83	50 498	343,629	1 849,309	5,382	4,911
20	34	98 577	23 206,308	314 976,668	13,573	13,103	70	84	46 705	295,644	1 505,680	5,093	4,623
21	35	98 499	21 570,118	291 770,360	13,527	13,056	71	85	42 741	251,679	1 210,036	4,808	4,338
22	36	98 413	20 047,745	270 200,242	13,478	13,008	72	86	38 604	211,458	958,358	4,532	4,062
23	37	98 325	18 632,357	250 152,497	13,426	12,955	73	87	34 384	175,201	746,899	4,263	3,793
24	38	98 234	17 316,394	231 520,140	13,370	12,900	74	88	30 084	142,595	571,698	4,009	3,539
25	39	98 134	16 091,974	214 203,746	13,311	12,841	75	89	25 843	113,949	429,103	3,766	3,295
26	40	98 027	14 952,931	198 111,772	13,249	12,779	76	90	21 744	89,184	315,154	3,534	3,063
27	41	97 922	13 894,771	183 158,841	13,182	12,712	77	91	17 850	68,107	225,970	3,318	2,848
28	42	97 806	12 910,086	169 264,071	13,111	12,641	78	92	14 289	50,715	157,862	3,113	2,642
29	43	97 682	11 994,142	156 353,985	13,036	12,566	79	93	11 085	36,597	107,147	2,928	2,457
30	44	97 546	11 141,849	144 359,843	12,957	12,486	80	94	8 329	25,582	70,550	2,758	2,288
31	45	97 403	10 349,239	133 217,994	12,872	12,402	81	95	6 060	17,314	44,968	2,597	2,127
32	46	97 242	9 611,327	122 868,755	12,784	12,313	82	96	4 238	11,264	27,654	2,455	1,985
33	47	97 068	8 924,726	113 257,429	12,690	12,220	83	97	2 842	7,027	16,391	2,332	1,862
34	48	96 873	8 285,470	104 332,703	12,592	12,122	84	98	1 846	4,246	9,364	2,205	1,735
35	49	96 659	7 690,313	96 047,233	12,489	12,019	85	99	1 145	2,449	5,118	2,090	1,620
36	50	96 423	7 136,340	88 356,920	12,381	11,911	86	100	675	1,344	2,669	1,986	1,516
37	51	96 160	6 620,364	81 220,580	12,268	11,798							
38	52	95 865	6 139,559	74 600,216	12,151	11,680							
39	53	95 556	5 692,838	68 460,657	12,026	11,555							
40	54	95 209	5 276,438	62 767,819	11,896	11,426							
41	55	94 830	4 888,738	57 491,382	11,760	11,290							
42	56	94 397	4 526,932	52 602,644	11,620	11,150							
43	57	93 945	4 190,922	48 075,712	11,471	11,001							
44	58	93 443	3 877,695	43 884,789	11,317	10,847							
45	59	92 892	3 585,875	40 007,094	11,157	10,687							
46	60	92 287	3 313,999	36 421,219	10,990	10,520							
47	61	91 625	3 060,658	33 107,220	10,817	10,347							
48	62	90 900	2 824,618	30 046,562	10,637	10,167							
49	63	90 107	2 604,613	27 221,944	10,451	9,981							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	1 400 002,979	14,058	13,588	50	65	88 574	2 381,672	24 095,259	10,117	9,647
1	16	99 240	92 316,190	1 300 414,379	14,087	13,616	51	66	87 582	2 190,692	21 713,588	9,912	9,441
2	17	99 203	85 843,796	1 208 098,189	14,073	13,603	52	67	86 504	2 012,779	19 522,895	9,699	9,229
3	18	99 177	79 833,720	1 122 254,393	14,057	13,587	53	68	85 352	1 847,419	17 510,117	9,478	9,008
4	19	99 149	74 243,069	1 042 420,673	14,041	13,570	54	69	84 100	1 693,315	15 662,698	9,250	8,779
5	20	99 122	69 044,089	968 177,604	14,023	13,552	55	70	82 712	1 549,192	13 969,382	9,017	8,547
6	21	99 096	64 210,711	899 133,514	14,003	13,533	56	71	81 210	1 414,928	12 420,191	8,778	8,308
7	22	99 071	59 715,374	834 922,803	13,982	13,511	57	72	79 581	1 289,808	11 005,263	8,532	8,062
8	23	99 044	55 534,468	775 207,429	13,959	13,489	58	73	77 837	1 173,531	9 715,456	8,279	7,809
9	24	99 021	51 647,587	719 672,961	13,934	13,464	59	74	75 943	1 065,096	8 541,925	8,020	7,550
10	25	98 997	48 032,519	668 025,374	13,908	13,437	60	75	73 914	964,309	7 476,829	7,754	7,283
11	26	98 970	44 669,400	619 992,854	13,880	13,409	61	76	71 734	870,586	6 512,520	7,481	7,010
12	27	98 945	41 542,652	575 323,455	13,849	13,379	62	77	69 403	783,521	5 641,934	7,201	6,730
13	28	98 916	38 632,802	533 780,802	13,817	13,346	63	78	66 945	703,048	4 858,413	6,911	6,440
14	29	98 883	35 925,599	495 148,000	13,783	13,312	64	79	64 280	627,963	4 155,365	6,617	6,147
15	30	98 847	33 406,787	459 222,402	13,746	13,276	65	80	61 419	558,153	3 527,402	6,320	5,849
16	31	98 803	31 062,465	425 815,614	13,708	13,238	66	81	58 344	493,214	2 969,250	6,020	5,550
17	32	98 749	28 879,406	394 753,149	13,669	13,199	67	82	55 045	432,865	2 476,036	5,720	5,250
18	33	98 689	26 848,379	365 873,743	13,627	13,157	68	83	51 509	376,801	2 043,171	5,422	4,952
19	34	98 617	24 956,852	339 025,364	13,584	13,114	69	84	47 711	324,662	1 666,370	5,133	4,662
20	35	98 539	23 197,448	314 068,511	13,539	13,069	70	85	43 726	276,785	1 341,708	4,847	4,377
21	36	98 453	21 560,046	290 871,063	13,491	13,021	71	86	39 591	233,132	1 064,923	4,568	4,098
22	37	98 366	20 038,185	269 311,017	13,440	12,970	72	87	35 312	193,425	831,792	4,300	3,830
23	38	98 275	18 622,949	249 272,833	13,385	12,915	73	88	30 977	157,840	638,366	4,044	3,574
24	39	98 179	17 306,799	230 649,883	13,327	12,857	74	89	26 675	126,438	480,526	3,800	3,330
25	40	98 070	16 081,503	213 343,084	13,266	12,796	75	90	22 514	99,272	354,088	3,567	3,097
26	41	97 965	14 943,464	197 261,581	13,201	12,730	76	91	18 545	76,064	254,816	3,350	2,880
27	42	97 850	13 884,587	182 318,117	13,131	12,661	77	92	14 888	56,806	178,753	3,147	2,676
28	43	97 727	12 899,669	168 433,530	13,057	12,587	78	93	11 603	41,184	121,946	2,961	2,491
29	44	97 595	11 983,399	155 533,861	12,979	12,509	79	94	8 763	28,932	80,763	2,791	2,321
30	45	97 454	11 131,310	143 550,462	12,896	12,426	80	95	6 418	19,712	51,831	2,629	2,159
31	46	97 298	10 338,106	132 419,152	12,809	12,339	81	96	4 519	12,912	32,119	2,488	2,017
32	47	97 127	9 599,945	122 081,045	12,717	12,247	82	97	3 054	8,118	19,208	2,366	1,896
33	48	96 941	8 913,129	112 481,100	12,620	12,149	83	98	2 005	4,956	11,090	2,238	1,767
34	49	96 727	8 272,900	103 567,971	12,519	12,049	84	99	1 257	2,891	6,134	2,121	1,651
35	50	96 496	7 677,362	95 295,071	12,412	11,942	85	100	752	1,608	3,243	2,016	1,546
36	51	96 245	7 123,181	87 617,709	12,300	11,830							
37	52	95 960	6 606,616	80 494,527	12,184	11,714							
38	53	95 653	6 126,025	73 887,911	12,061	11,591							
39	54	95 319	5 678,728	67 761,886	11,933	11,462							
40	55	94 947	5 261,905	62 083,159	11,799	11,328							
41	56	94 534	4 873,522	56 821,254	11,659	11,189							
42	57	94 078	4 511,624	51 947,732	11,514	11,044							
43	58	93 592	4 175,180	47 436,108	11,361	10,891							
44	59	93 053	3 861,511	43 260,928	11,203	10,733							
45	60	92 461	3 569,257	39 399,417	11,039	10,568							
46	61	91 814	3 297,009	35 830,160	10,867	10,397							
47	62	91 113	3 043,561	32 533,152	10,689	10,219							
48	63	90 344	2 807,326	29 489,591	10,505	10,034							
49	64	89 498	2 587,005	26 682,264	10,314	9,844							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	1 398 824,470	14,048	13,577	50	66	87 864	2 362,586	23 543,453	9,965	9,495
1	17	99 227	92 304,389	1 299 247,399	14,076	13,605	51	67	86 815	2 171,507	21 180,867	9,754	9,284
2	18	99 190	85 832,666	1 206 943,011	14,062	13,591	52	68	85 694	1 993,943	19 009,360	9,534	9,063
3	19	99 161	79 820,761	1 121 110,344	14,045	13,575	53	69	84 481	1 828,568	17 015,417	9,305	8,835
4	20	99 133	74 230,866	1 041 289,583	14,028	13,557	54	70	83 129	1 673,764	15 186,849	9,073	8,603
5	21	99 105	69 032,788	967 058,717	14,009	13,538	55	71	81 674	1 529,747	13 513,085	8,834	8,363
6	22	99 080	64 199,808	898 025,929	13,988	13,518	56	72	80 088	1 395,381	11 983,339	8,588	8,118
7	23	99 054	59 705,355	833 826,121	13,966	13,495	57	73	78 391	1 270,528	10 587,958	8,334	7,863
8	24	99 028	55 525,385	774 120,765	13,942	13,471	58	74	76 534	1 153,890	9 317,430	8,075	7,605
9	25	99 004	51 639,103	718 595,380	13,916	13,445	59	75	74 561	1 045,719	8 163,540	7,807	7,336
10	26	98 977	48 023,181	666 956,277	13,888	13,418	60	76	72 426	944,907	7 117,820	7,533	7,063
11	27	98 952	44 661,438	618 933,096	13,858	13,388	61	77	70 146	851,303	6 172,913	7,251	6,781
12	28	98 925	41 533,939	574 271,658	13,827	13,356	62	78	67 741	764,765	5 321,610	6,958	6,488
13	29	98 892	38 623,608	532 737,719	13,793	13,323	63	79	65 124	683,920	4 556,845	6,663	6,193
14	30	98 859	35 916,733	494 114,111	13,757	13,287	64	80	62 300	608,616	3 872,925	6,363	5,893
15	31	98 819	33 397,340	458 197,378	13,720	13,249	65	81	59 253	538,472	3 264,309	6,062	5,592
16	32	98 771	31 052,463	424 800,038	13,680	13,210	66	82	55 986	473,280	2 725,837	5,759	5,289
17	33	98 716	28 869,706	393 747,575	13,639	13,168	67	83	52 458	412,519	2 252,557	5,460	4,990
18	34	98 655	26 838,976	364 877,870	13,595	13,125	68	84	48 666	356,003	1 840,038	5,169	4,698
19	35	98 579	24 947,324	338 038,893	13,550	13,080	69	85	44 667	303,952	1 484,035	4,882	4,412
20	36	98 493	23 186,617	313 091,569	13,503	13,033	70	86	40 503	256,388	1 180,083	4,603	4,132
21	37	98 406	21 549,765	289 904,953	13,453	12,983	71	87	36 215	213,250	923,695	4,332	3,861
22	38	98 316	20 028,067	268 355,188	13,399	12,929	72	88	31 813	174,258	710,444	4,077	3,607
23	39	98 221	18 612,630	248 327,121	13,342	12,872	73	89	27 467	139,956	536,186	3,831	3,361
24	40	98 115	17 295,539	229 714,491	13,282	12,811	74	90	23 239	110,152	396,230	3,597	3,127
25	41	98 008	16 071,322	212 418,952	13,217	12,747	75	91	19 202	84,667	286,078	3,379	2,909
26	42	97 893	14 932,511	196 347,631	13,149	12,679	76	92	15 468	63,443	201,411	3,175	2,704
27	43	97 771	13 873,384	181 415,120	13,076	12,606	77	93	12 090	46,130	137,968	2,991	2,521
28	44	97 640	12 888,115	167 541,736	13,000	12,529	78	94	9 173	32,557	91,838	2,821	2,351
29	45	97 502	11 972,065	154 653,621	12,918	12,448	79	95	6 752	22,293	59,281	2,659	2,189
30	46	97 349	11 119,337	142 681,556	12,832	12,362	80	96	4 786	14,700	36,988	2,516	2,046
31	47	97 183	10 325,864	131 562,220	12,741	12,271	81	97	3 257	9,305	22,288	2,395	1,925
32	48	97 001	9 587,471	121 236,355	12,645	12,175	82	98	2 154	5,725	12,983	2,268	1,797
33	49	96 794	8 899,607	111 648,884	12,545	12,075	83	99	1 365	3,375	7,258	2,150	1,680
34	50	96 564	8 258,968	102 749,277	12,441	11,971	84	100	826	1,899	3,883	2,045	1,574
35	51	96 318	7 663,206	94 490,309	12,330	11,860							
36	52	96 045	7 108,390	86 827,103	12,215	11,744							
37	53	95 749	6 592,053	79 718,713	12,093	11,623							
38	54	95 416	6 110,841	73 126,661	11,967	11,496							
39	55	95 057	5 663,087	67 015,820	11,834	11,364							
40	56	94 652	5 245,528	61 352,733	11,696	11,226							
41	57	94 215	4 857,042	56 107,205	11,552	11,081							
42	58	93 725	4 494,677	51 250,163	11,402	10,932							
43	59	93 201	4 157,755	46 755,486	11,245	10,775							
44	60	92 622	3 843,615	42 597,731	11,083	10,612							
45	61	91 987	3 550,958	38 754,116	10,914	10,443							
46	62	91 301	3 278,591	35 203,159	10,737	10,267							
47	63	90 555	3 024,929	31 924,568	10,554	10,084							
48	64	89 733	2 788,348	28 899,639	10,364	9,894							
49	65	88 835	2 567,838	26 111,291	10,169	9,698							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	1 397 559,623	14,037	13,566	50	67	87 094	2 341,895	22 961,067	9,804	9,334
1	18	99 214	92 292,421	1 297 995,282	14,064	13,594	51	68	86 002	2 151,186	20 619,172	9,585	9,115
2	19	99 174	85 818,734	1 205 702,861	14,049	13,579	52	69	84 820	1 973,597	18 467,986	9,358	8,887
3	20	99 145	79 807,641	1 119 884,127	14,032	13,562	53	70	83 506	1 807,455	16 494,389	9,126	8,655
4	21	99 117	74 218,716	1 040 076,486	14,014	13,543	54	71	82 085	1 652,755	14 686,934	8,886	8,416
5	22	99 089	69 021,067	965 857,770	13,994	13,523	55	72	80 546	1 508,614	13 034,179	8,640	8,170
6	23	99 063	64 189,037	896 836,704	13,972	13,502	56	73	78 891	1 374,523	11 525,565	8,385	7,915
7	24	99 038	59 695,590	832 647,667	13,948	13,478	57	74	77 079	1 249,264	10 151,042	8,126	7,655
8	25	99 012	55 516,264	772 952,076	13,923	13,453	58	75	75 142	1 132,899	8 901,778	7,858	7,387
9	26	98 985	51 629,064	717 435,813	13,896	13,426	59	76	73 061	1 024,680	7 768,879	7,582	7,111
10	27	98 960	48 014,621	665 806,749	13,867	13,396	60	77	70 822	923,979	6 744,200	7,299	6,829
11	28	98 932	44 652,070	617 792,128	13,836	13,365	61	78	68 466	830,924	5 820,221	7,005	6,534
12	29	98 901	41 524,054	573 140,057	13,803	13,332	62	79	65 898	743,958	4 989,297	6,706	6,236
13	30	98 868	38 614,077	531 616,003	13,767	13,297	63	80	63 117	662,849	4 245,339	6,405	5,934
14	31	98 831	35 906,577	493 001,926	13,730	13,260	64	81	60 103	587,155	3 582,490	6,101	5,631
15	32	98 787	33 386,586	457 095,349	13,691	13,221	65	82	56 859	516,709	2 995,335	5,797	5,327
16	33	98 738	31 042,032	423 708,763	13,650	13,179	66	83	53 354	451,035	2 478,625	5,495	5,025
17	34	98 681	28 859,595	392 666,731	13,606	13,136	67	84	49 562	389,750	2 027,590	5,202	4,732
18	35	98 617	26 828,729	363 807,137	13,560	13,090	68	85	45 562	333,294	1 637,840	4,914	4,444
19	36	98 533	24 935,675	336 978,407	13,514	13,044	69	86	41 376	281,553	1 304,546	4,633	4,163
20	37	98 446	23 175,560	312 042,732	13,464	12,994	70	87	37 049	234,524	1 022,993	4,362	3,892
21	38	98 356	21 538,883	288 867,172	13,411	12,941	71	88	32 626	192,118	788,470	4,104	3,634
22	39	98 262	20 016,969	267 328,289	13,355	12,885	72	89	28 208	154,514	596,351	3,860	3,389
23	40	98 157	18 600,520	247 311,320	13,296	12,826	73	90	23 929	121,929	441,838	3,624	3,153
24	41	98 053	17 284,588	228 710,800	13,232	12,762	74	91	19 820	93,947	319,909	3,405	2,935
25	42	97 937	16 059,542	211 426,211	13,165	12,695	75	92	16 016	70,619	225,962	3,200	2,729
26	43	97 814	14 920,463	195 366,669	13,094	12,624	76	93	12 561	51,519	155,343	3,015	2,545
27	44	97 684	13 860,958	180 446,206	13,018	12,548	77	94	9 558	36,467	103,824	2,847	2,377
28	45	97 547	12 875,925	166 585,249	12,938	12,467	78	95	7 068	25,087	67,357	2,685	2,215
29	46	97 397	11 959,187	153 709,324	12,853	12,383	79	96	5 035	16,625	42,270	2,543	2,072
30	47	97 234	11 106,169	141 750,137	12,763	12,293	80	97	3 449	10,594	25,645	2,421	1,950
31	48	97 056	10 312,447	130 643,968	12,669	12,198	81	98	2 297	6,563	15,051	2,293	1,823
32	49	96 854	9 572,926	120 331,521	12,570	12,100	82	99	1 467	3,899	8,488	2,177	1,707
33	50	96 631	8 884,620	110 758,595	12,466	11,996	83	100	897	2,216	4,590	2,071	1,601
34	51	96 386	8 243,739	101 873,975	12,358	11,887							
35	52	96 118	7 647,293	93 630,236	12,244	11,773							
36	53	95 834	7 092,720	85 982,943	12,123	11,652							
37	54	95 512	6 575,714	78 890,223	11,997	11,527							
38	55	95 154	6 094,010	72 314,509	11,866	11,396							
39	56	94 761	5 645,461	66 220,499	11,730	11,260							
40	57	94 331	5 227,790	60 575,038	11,587	11,117							
41	58	93 861	4 838,797	55 347,248	11,438	10,968							
42	59	93 334	4 475,918	50 508,451	11,284	10,814							
43	60	92 770	4 138,486	46 032,533	11,123	10,653							
44	61	92 147	3 823,910	41 894,047	10,956	10,486							
45	62	91 473	3 531,121	38 070,138	10,781	10,311							
46	63	90 742	3 258,520	34 539,016	10,600	10,129							
47	64	89 943	3 004,479	31 280,497	10,411	9,941							
48	65	89 068	2 767,690	28 276,017	10,216	9,746							
49	66	88 123	2 547,261	25 508,327	10,014	9,544							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	1 396 203,193	14,025	13,555	50	68	86 279	2 319,980	22 347,529	9,633	9,162
1	19	99 198	92 277,440	1 296 651,761	14,052	13,581	51	69	85 125	2 129,235	20 027,549	9,406	8,936
2	20	99 158	85 804,628	1 204 374,321	14,036	13,566	52	70	83 841	1 950,809	17 898,314	9,175	8,705
3	21	99 129	79 794,578	1 118 569,693	14,018	13,548	53	71	82 458	1 784,768	15 947,505	8,935	8,465
4	22	99 100	74 206,114	1 038 775,114	13,999	13,528	54	72	80 951	1 629,923	14 162,737	8,689	8,219
5	23	99 072	69 009,486	964 569,001	13,977	13,507	55	73	79 342	1 486,063	12 532,813	8,434	7,963
6	24	99 047	64 178,538	895 559,514	13,954	13,484	56	74	77 570	1 351,519	11 046,750	8,174	7,703
7	25	99 022	59 685,784	831 380,976	13,929	13,459	57	75	75 677	1 226,537	9 695,231	7,905	7,434
8	26	98 993	55 505,471	771 695,192	13,903	13,433	58	76	73 630	1 110,105	8 468,694	7,629	7,158
9	27	98 968	51 619,861	716 189,721	13,874	13,404	59	77	71 443	1 001,984	7 358,589	7,344	6,874
10	28	98 939	48 004,550	664 569,860	13,844	13,374	60	78	69 127	901,860	6 356,605	7,048	6,578
11	29	98 908	44 641,444	616 565,310	13,812	13,341	61	79	66 604	808,317	5 454,745	6,748	6,278
12	30	98 877	41 513,808	571 923,866	13,777	13,306	62	80	63 868	721,038	4 646,428	6,444	5,974
13	31	98 840	38 603,157	530 410,058	13,740	13,270	63	81	60 892	639,476	3 925,390	6,138	5,668
14	32	98 799	35 895,015	491 806,901	13,701	13,231	64	82	57 674	563,425	3 285,914	5,832	5,362
15	33	98 754	33 375,371	455 911,886	13,660	13,190	65	83	54 186	492,423	2 722,489	5,529	5,058
16	34	98 704	31 031,160	422 536,515	13,617	13,146	66	84	50 409	426,140	2 230,066	5,233	4,763
17	35	98 643	28 848,576	391 505,355	13,571	13,101	67	85	46 401	364,888	1 803,926	4,944	4,473
18	36	98 571	26 816,202	362 656,779	13,524	13,054	68	86	42 204	308,732	1 439,038	4,661	4,191
19	37	98 486	24 923,784	335 840,577	13,475	13,004	69	87	37 847	257,543	1 130,305	4,389	3,919
20	38	98 397	23 163,858	310 916,792	13,422	12,952	70	88	33 378	211,283	872,763	4,131	3,660
21	39	98 302	21 526,949	287 752,935	13,367	12,897	71	89	28 930	170,351	661,479	3,883	3,413
22	40	98 198	20 003,945	266 225,986	13,309	12,838	72	90	24 575	134,612	491,129	3,648	3,178
23	41	98 095	18 588,743	246 222,041	13,246	12,775	73	91	20 409	103,991	356,517	3,428	2,958
24	42	97 981	17 271,920	227 633,297	13,179	12,709	74	92	16 532	78,358	252,526	3,223	2,752
25	43	97 858	16 046,585	210 361,378	13,109	12,639	75	93	13 006	57,346	174,168	3,037	2,567
26	44	97 727	14 907,098	194 314,793	13,035	12,565	76	94	9 930	40,728	116,822	2,868	2,398
27	45	97 591	13 847,847	179 407,694	12,956	12,485	77	95	7 365	28,100	76,094	2,708	2,238
28	46	97 442	12 862,075	165 559,847	12,872	12,402	78	96	5 271	18,708	47,994	2,565	2,095
29	47	97 282	11 945,025	152 697,772	12,783	12,313	79	97	3 629	11,981	29,286	2,444	1,974
30	48	97 108	11 091,738	140 752,748	12,690	12,220	80	98	2 433	7,472	17,304	2,316	1,846
31	49	96 909	10 296,802	129 661,010	12,592	12,122	81	99	1 564	4,469	9,833	2,200	1,730
32	50	96 690	9 556,804	119 364,208	12,490	12,020	82	100	963	2,560	5,364	2,095	1,625
33	51	96 453	8 868,237	109 807,403	12,382	11,912							
34	52	96 185	8 226,621	100 939,166	12,270	11,800							
35	53	95 906	7 630,435	92 712,545	12,150	11,680							
36	54	95 596	7 075,140	85 082,110	12,026	11,555							
37	55	95 249	6 557,602	78 006,969	11,896	11,425							
38	56	94 857	6 075,043	71 449,367	11,761	11,291							
39	57	94 441	5 626,370	65 374,324	11,619	11,149							
40	58	93 977	5 208,153	59 747,953	11,472	11,002							
41	59	93 469	4 818,602	54 539,801	11,319	10,848							
42	60	92 901	4 455,174	49 721,198	11,160	10,690							
43	61	92 294	4 117,268	45 266,024	10,994	10,524							
44	62	91 632	3 802,548	41 148,755	10,821	10,351							
45	63	90 913	3 509,504	37 346,207	10,641	10,171							
46	64	90 129	3 236,491	33 836,703	10,455	9,984							
47	65	89 277	2 982,220	30 600,211	10,261	9,791							
48	66	88 355	2 745,510	27 617,991	10,059	9,589							
49	67	87 351	2 524,952	24 872,481	9,851	9,380							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	1 394 748,445	14,013	13,542	50	69	85 399	2 296,307	21 701,829	9,451	8,980
1	20	99 182	92 262,273	1 295 213,173	14,038	13,568	51	70	84 142	2 104,650	19 405,522	9,220	8,750
2	21	99 142	85 790,584	1 202 950,900	14,022	13,552	52	71	82 788	1 926,323	17 300,872	8,981	8,511
3	22	99 112	79 781,029	1 117 160,316	14,003	13,533	53	72	81 318	1 760,112	15 374,549	8,735	8,265
4	23	99 083	74 193,663	1 037 379,287	13,982	13,512	54	73	79 741	1 605,559	13 614,436	8,480	8,009
5	24	99 056	68 998,199	963 185,624	13,960	13,489	55	74	78 014	1 461,192	12 008,877	8,219	7,748
6	25	99 031	64 167,996	894 187,424	13,935	13,465	56	75	76 159	1 326,932	10 547,685	7,949	7,479
7	26	99 002	59 674,180	830 019,428	13,909	13,439	57	76	74 154	1 201,859	9 220,752	7,672	7,202
8	27	98 975	55 495,577	770 345,248	13,881	13,411	58	77	71 999	1 085,517	8 018,893	7,387	6,917
9	28	98 947	51 609,034	714 849,671	13,851	13,381	59	78	69 733	977,998	6 933,376	7,089	6,619
10	29	98 915	47 993,126	663 240,636	13,819	13,349	60	79	67 246	877,323	5 955,378	6,788	6,318
11	30	98 884	44 630,428	615 247,511	13,785	13,315	61	80	64 552	783,414	5 078,055	6,482	6,012
12	31	98 849	41 502,068	570 617,083	13,749	13,279	62	81	61 616	695,613	4 294,641	6,174	5,704
13	32	98 808	38 590,727	529 115,015	13,711	13,241	63	82	58 431	613,632	3 599,028	5,865	5,395
14	33	98 766	35 882,957	490 524,288	13,670	13,200	64	83	54 963	536,943	2 985,397	5,560	5,090
15	34	98 719	33 363,682	454 641,331	13,627	13,157	65	84	51 195	465,243	2 448,454	5,263	4,792
16	35	98 666	31 019,313	421 277,648	13,581	13,111	66	85	47 194	398,957	1 983,211	4,971	4,501
17	36	98 597	28 835,106	390 258,336	13,534	13,064	67	86	42 982	337,998	1 584,253	4,687	4,217
18	37	98 524	26 803,414	361 423,230	13,484	13,014	68	87	38 605	282,404	1 246,255	4,413	3,943
19	38	98 436	24 911,200	334 619,815	13,433	12,962	69	88	34 097	232,021	963,851	4,154	3,684
20	39	98 342	23 151,023	309 708,616	13,378	12,907	70	89	29 596	187,344	731,829	3,906	3,436
21	40	98 238	21 512,942	286 557,593	13,320	12,850	71	90	25 203	148,408	544,485	3,669	3,199
22	41	98 136	19 991,280	265 044,651	13,258	12,788	72	91	20 960	114,808	396,077	3,450	2,980
23	42	98 023	18 575,119	245 053,371	13,193	12,722	73	92	17 022	86,736	281,269	3,243	2,773
24	43	97 902	17 257,984	226 478,252	13,123	12,653	74	93	13 424	63,631	194,533	3,057	2,587
25	44	97 770	16 032,212	209 220,268	13,050	12,580	75	94	10 282	45,334	130,901	2,887	2,417
26	45	97 634	14 892,999	193 188,056	12,972	12,501	76	95	7 651	31,382	85,567	2,727	2,256
27	46	97 486	13 832,952	178 295,058	12,889	12,419	77	96	5 492	20,955	54,185	2,586	2,115
28	47	97 327	12 846,844	164 462,106	12,802	12,331	78	97	3 799	13,483	33,229	2,465	1,994
29	48	97 156	11 929,504	151 615,263	12,709	12,239	79	98	2 559	8,450	19,746	2,337	1,867
30	49	96 960	11 074,911	139 685,759	12,613	12,143	80	99	1 657	5,088	11,296	2,220	1,750
31	50	96 746	10 279,461	128 610,848	12,511	12,041	81	100	1 027	2,935	6,208	2,115	1,645
32	51	96 512	9 539,183	118 331,387	12,405	11,934							
33	52	96 253	8 849,822	108 792,204	12,293	11,823							
34	53	95 973	8 208,486	99 942,382	12,175	11,705							
35	54	95 668	7 611,522	91 733,895	12,052	11,582							
36	55	95 333	7 055,653	84 122,373	11,923	11,452							
37	56	94 952	6 537,193	77 066,719	11,789	11,319							
38	57	94 537	6 054,500	70 529,527	11,649	11,179							
39	58	94 086	5 605,236	64 475,027	11,503	11,032							
40	59	93 585	5 186,416	58 869,791	11,351	10,880							
41	60	93 036	4 796,271	53 683,375	11,193	10,722							
42	61	92 425	4 432,334	48 887,104	11,030	10,559							
43	62	91 778	4 094,269	44 454,770	10,858	10,388							
44	63	91 071	3 779,270	40 360,502	10,679	10,209							
45	64	90 299	3 485,779	36 581,232	10,494	10,024							
46	65	89 461	3 212,513	33 095,453	10,302	9,832							
47	66	88 561	2 958,321	29 882,940	10,101	9,631							
48	67	87 581	2 721,466	26 924,619	9,893	9,423							
49	68	86 534	2 501,324	24 203,153	9,676	9,206							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	1 393 191,466	13,999	13,529	50	70	84 413	2 269,793	21 023,474	9,262	8,792
1	21	99 166	92 247,171	1 293 672,554	14,024	13,554	51	71	83 086	2 078,233	18 753,681	9,024	8,554
2	22	99 125	85 776,017	1 201 425,383	14,007	13,536	52	72	81 645	1 899,712	16 675,448	8,778	8,308
3	23	99 095	79 767,644	1 115 649,366	13,986	13,516	53	73	80 103	1 733,802	14 775,736	8,522	8,052
4	24	99 067	74 181,528	1 035 881,722	13,964	13,494	54	74	78 407	1 578,689	13 041,933	8,261	7,791
5	25	99 040	68 986,865	961 700,194	13,940	13,470	55	75	76 595	1 434,610	11 463,245	7,990	7,520
6	26	99 011	64 155,521	892 713,329	13,915	13,445	56	76	74 627	1 300,234	10 028,634	7,713	7,243
7	27	98 985	59 663,544	828 557,808	13,887	13,417	57	77	72 512	1 175,240	8 728,400	7,427	6,957
8	28	98 954	55 488,937	768 894,264	13,858	13,388	58	78	70 276	1 059,532	7 553,161	7,129	6,658
9	29	98 923	51 596,752	713 410,327	13,827	13,356	59	79	67 836	951,389	6 493,629	6,825	6,355
10	30	98 891	47 981,283	661 813,575	13,793	13,323	60	80	65 174	850,294	5 542,240	6,518	6,048
11	31	98 856	44 617,807	613 832,292	13,758	13,287	61	81	62 276	755,790	4 691,946	6,208	5,738
12	32	98 817	41 488,704	569 214,486	13,720	13,249	62	82	59 126	667,499	3 936,156	5,897	5,427
13	33	98 775	38 577,764	527 725,781	13,680	13,209	63	83	55 684	584,789	3 268,657	5,589	5,119
14	34	98 731	35 870,390	489 148,017	13,637	13,166	64	84	51 929	507,306	2 683,867	5,290	4,820
15	35	98 681	33 350,944	453 277,627	13,591	13,121	65	85	47 930	435,566	2 176,561	4,997	4,527
16	36	98 620	31 004,828	419 926,683	13,544	13,074	66	86	43 716	369,557	1 740,995	4,711	4,241
17	37	98 550	28 821,355	388 921,854	13,494	13,024	67	87	39 316	309,174	1 371,439	4,436	3,966
18	38	98 474	26 789,881	360 100,499	13,442	12,971	68	88	34 780	254,419	1 062,264	4,175	3,705
19	39	98 382	24 897,396	333 310,618	13,387	12,917	69	89	30 233	205,732	807,845	3,927	3,456
20	40	98 278	23 135,960	308 413,222	13,330	12,860	70	90	25 784	163,213	602,112	3,689	3,219
21	41	98 175	21 499,322	285 277,263	13,269	12,799	71	91	21 496	126,575	438,899	3,468	2,997
22	42	98 064	19 976,628	263 777,941	13,204	12,734	72	92	17 482	95,758	312,324	3,262	2,791
23	43	97 944	18 560,132	243 801,313	13,136	12,665	73	93	13 823	70,434	216,566	3,075	2,604
24	44	97 815	17 242,526	225 241,182	13,063	12,593	74	94	10 613	50,303	146,132	2,905	2,435
25	45	97 677	16 017,048	207 998,656	12,986	12,516	75	95	7 922	34,932	95,829	2,743	2,273
26	46	97 529	14 876,979	191 981,608	12,905	12,434	76	96	5 706	23,403	60,897	2,602	2,132
27	47	97 371	13 816,571	177 104,629	12,818	12,348	77	97	3 958	15,102	37,493	2,483	2,012
28	48	97 201	12 830,151	163 288,059	12,727	12,257	78	98	2 679	9,509	22,391	2,355	1,884
29	49	97 008	11 911,405	150 457,908	12,631	12,161	79	99	1 743	5,754	12,882	2,239	1,768
30	50	96 797	11 056,260	138 546,502	12,531	12,061	80	100	1 088	3,341	7,128	2,133	1,663
31	51	96 568	10 260,507	127 490,242	12,425	11,955							
32	52	96 312	9 519,374	117 229,735	12,315	11,845							
33	53	96 041	8 830,314	107 710,361	12,198	11,728							
34	54	95 736	8 188,141	98 880,047	12,076	11,606							
35	55	95 405	7 590,558	90 691,906	11,948	11,478							
36	56	95 036	7 033,694	83 101,348	11,815	11,344							
37	57	94 631	6 515,086	76 067,654	11,676	11,205							
38	58	94 181	6 031,757	69 552,568	11,531	11,061							
39	59	93 693	5 581,842	63 520,810	11,380	10,910							
40	60	93 151	5 162,380	57 938,968	11,223	10,753							
41	61	92 559	4 771,681	52 776,588	11,060	10,590							
42	62	91 908	4 407,574	48 004,907	10,891	10,421							
43	63	91 217	4 069,204	43 597,333	10,714	10,244							
44	64	90 455	3 753,721	39 528,129	10,530	10,060							
45	65	89 630	3 459,954	35 774,408	10,340	9,869							
46	66	88 744	3 186,769	32 314,455	10,140	9,670							
47	67	87 786	2 932,413	29 127,686	9,933	9,463							
48	68	86 761	2 695,999	26 195,273	9,716	9,246							
49	69	85 651	2 475,800	23 499,274	9,492	9,021							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	1 391 524,786	13,985	13,515	50	71	83 353	2 241,303	20 313,120	9,063	8,593
1	22	99 149	92 231,508	1 292 022,164	14,008	13,538	51	72	81 938	2 049,524	18 071,817	8,818	8,347
2	23	99 108	85 761,625	1 199 790,656	13,990	13,520	52	73	80 424	1 871,315	16 022,294	8,562	8,092
3	24	99 079	79 754,597	1 114 029,030	13,968	13,498	53	74	78 762	1 704,785	14 150,978	8,301	7,830
4	25	99 051	74 169,343	1 034 274,433	13,945	13,474	54	75	76 980	1 549,969	12 446,193	8,030	7,560
5	26	99 020	68 973,453	960 105,091	13,920	13,450	55	76	75 054	1 405,746	10 896,224	7,751	7,281
6	27	98 994	64 144,086	891 131,638	13,893	13,422	56	77	72 974	1 271,436	9 490,478	7,464	6,994
7	28	98 964	59 651,030	826 987,552	13,864	13,393	57	78	70 776	1 147,106	8 219,043	7,165	6,695
8	29	98 931	55 479,733	767 336,522	13,833	13,363	58	79	68 364	1 030,705	7 071,936	6,861	6,391
9	30	98 899	51 584,020	711 865,790	13,800	13,330	59	80	65 746	922,079	6 041,232	6,552	6,081
10	31	98 863	47 967,714	660 281,770	13,765	13,295	60	81	62 876	820,311	5 119,153	6,241	5,770
11	32	98 824	44 603,440	612 314,056	13,728	13,258	61	82	59 759	725,244	4 298,842	5,927	5,457
12	33	98 784	41 474,768	567 710,616	13,688	13,218	62	83	56 347	636,125	3 573,598	5,618	5,147
13	34	98 740	38 564,253	526 235,848	13,646	13,175	63	84	52 611	552,512	2 937,473	5,317	4,846
14	35	98 694	35 856,695	487 671,595	13,601	13,130	64	85	48 617	474,946	2 384,961	5,022	4,551
15	36	98 635	33 335,372	451 814,900	13,554	13,083	65	86	44 398	403,467	1 910,015	4,734	4,264
16	37	98 573	30 990,044	418 479,528	13,504	13,033	66	87	39 988	338,041	1 506,548	4,457	3,986
17	38	98 501	28 806,803	387 489,485	13,451	12,981	67	88	35 420	278,537	1 168,506	4,195	3,725
18	39	98 420	26 775,036	358 682,682	13,396	12,926	68	89	30 839	225,593	889,969	3,945	3,475
19	40	98 318	24 881,197	331 907,646	13,340	12,869	69	90	26 339	179,233	664,377	3,707	3,236
20	41	98 216	23 121,312	307 026,449	13,279	12,809	70	91	21 991	139,202	485,144	3,485	3,015
21	42	98 103	21 483,564	283 905,138	13,215	12,745	71	92	17 929	105,573	345,942	3,277	2,807
22	43	97 985	19 960,509	262 421,574	13,147	12,677	72	93	14 196	77,761	240,370	3,091	2,621
23	44	97 856	18 543,507	242 461,065	13,075	12,605	73	94	10 928	55,681	162,609	2,920	2,450
24	45	97 722	17 226,217	223 917,557	12,999	12,528	74	95	8 177	38,761	106,928	2,759	2,288
25	46	97 572	15 999,819	206 691,340	12,918	12,448	75	96	5 908	26,051	68,167	2,617	2,146
26	47	97 414	14 859,362	190 691,521	12,833	12,363	76	97	4 112	16,867	42,116	2,497	2,027
27	48	97 244	13 798,618	175 832,160	12,743	12,272	77	98	2 792	10,651	25,250	2,371	1,900
28	49	97 053	12 810,686	162 033,542	12,648	12,178	78	99	1 824	6,475	14,599	2,255	1,784
29	50	96 845	11 891,346	149 222,856	12,549	12,079	79	100	1 145	3,779	8,123	2,150	1,679
30	51	96 619	11 035,873	137 331,510	12,444	11,974							
31	52	96 367	10 239,201	126 295,636	12,335	11,864							
32	53	96 099	9 498,390	116 056,435	12,219	11,748							
33	54	95 803	8 808,427	106 558,046	12,097	11,627							
34	55	95 472	8 165,589	97 749,619	11,971	11,501							
35	56	95 108	7 566,934	89 584,030	11,839	11,369							
36	57	94 715	7 009,909	82 017,096	11,700	11,230							
37	58	94 276	6 490,614	75 007,188	11,556	11,086							
38	59	93 788	6 006,583	68 516,574	11,407	10,937							
39	60	93 259	5 555,973	62 509,991	11,251	10,781							
40	61	92 674	5 135,913	56 954,017	11,089	10,619							
41	62	92 042	4 745,026	51 818,104	10,921	10,450							
42	63	91 346	4 380,591	47 073,078	10,746	10,276							
43	64	90 600	4 041,695	42 692,487	10,563	10,093							
44	65	89 785	3 725,910	38 650,792	10,374	9,903							
45	66	88 911	3 432,227	34 924,881	10,176	9,705							
46	67	87 967	3 158,860	31 492,654	9,970	9,499							
47	68	86 964	2 904,972	28 333,795	9,754	9,283							
48	69	85 876	2 668,489	25 428,823	9,529	9,059							
49	70	84 662	2 447,214	22 760,334	9,301	8,830							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	1 389 740,097	13,969	13,499	50	72	82 202	2 210,340	19 570,565	8,854	8,384
1	23	99 132	92 216,033	1 290 254,369	13,992	13,521	51	73	80 713	2 018,887	17 360,225	8,599	8,129
2	24	99 092	85 747,598	1 198 038,336	13,972	13,501	52	74	79 078	1 839,997	15 341,337	8,338	7,867
3	25	99 063	79 741,496	1 112 290,738	13,949	13,478	53	75	77 329	1 673,772	13 501,341	8,066	7,596
4	26	99 032	74 154,923	1 032 549,242	13,924	13,454	54	76	75 432	1 518,783	11 827,569	7,788	7,317
5	27	99 003	68 961,159	958 394,319	13,898	13,427	55	77	73 391	1 374,610	10 308,785	7,499	7,029
6	28	98 973	64 130,632	889 433,159	13,869	13,399	56	78	71 227	1 240,999	8 934,175	7,199	6,729
7	29	98 940	59 636,833	825 302,528	13,839	13,369	57	79	68 850	1 115,896	7 693,176	6,894	6,424
8	30	98 906	55 457,045	765 665,695	13,806	13,336	58	80	66 257	998,950	6 577,279	6,584	6,114
9	31	98 871	51 569,432	710 208,650	13,772	13,302	59	81	63 427	889,565	5 578,329	6,271	5,801
10	32	98 831	47 952,269	658 639,218	13,735	13,265	60	82	60 335	787,158	4 688,764	5,957	5,486
11	33	98 791	44 588,457	610 686,949	13,696	13,226	61	83	56 950	691,156	3 901,606	5,645	5,175
12	34	98 749	41 460,242	566 098,492	13,654	13,184	62	84	53 236	601,014	3 210,450	5,342	4,871
13	35	98 703	38 549,529	524 638,250	13,609	13,139	63	85	49 255	517,268	2 609,436	5,045	4,574
14	36	98 647	35 839,952	486 088,720	13,563	13,092	64	86	45 034	439,945	2 092,168	4,756	4,285
15	37	98 588	33 319,475	450 248,768	13,513	13,043	65	87	40 611	369,060	1 652,223	4,477	4,007
16	38	98 523	30 974,396	416 929,293	13,460	12,990	66	88	36 025	304,543	1 283,163	4,213	3,743
17	39	98 446	28 790,841	385 954,897	13,405	12,935	67	89	31 407	246,978	978,619	3,962	3,492
18	40	98 356	26 757,615	357 164,056	13,348	12,878	68	90	26 867	196,535	731,642	3,723	3,252
19	41	98 256	24 865,444	330 406,441	13,288	12,817	69	91	22 464	152,865	535,107	3,501	3,030
20	42	98 144	23 104,365	305 540,998	13,224	12,754	70	92	18 342	116,104	382,242	3,292	2,822
21	43	98 024	21 466,230	282 436,633	13,157	12,687	71	93	14 559	85,731	266,138	3,104	2,634
22	44	97 897	19 942,631	260 970,403	13,086	12,616	72	94	11 223	61,473	180,407	2,935	2,464
23	45	97 763	18 525,968	241 027,772	13,010	12,540	73	95	8 420	42,905	118,934	2,772	2,302
24	46	97 617	17 207,688	222 501,804	12,930	12,460	74	96	6 098	28,906	76,030	2,630	2,160
25	47	97 457	15 980,872	205 294,116	12,846	12,376	75	97	4 258	18,774	47,124	2,510	2,040
26	48	97 287	14 840,054	189 313,244	12,757	12,287	76	98	2 900	11,895	28,350	2,383	1,913
27	49	97 097	13 777,684	174 473,191	12,663	12,193	77	99	1 901	7,253	16,454	2,269	1,798
28	50	96 890	12 789,112	160 695,507	12,565	12,095	78	100	1 198	4,253	9,201	2,164	1,693
29	51	96 666	11 869,419	147 906,395	12,461	11,991							
30	52	96 418	11 012,957	136 036,975	12,352	11,882							
31	53	96 155	10 216,630	125 024,018	12,237	11,767							
32	54	95 861	9 474,847	114 807,388	12,117	11,647							
33	55	95 539	8 784,166	105 332,541	11,991	11,521							
34	56	95 175	8 140,174	96 548,375	11,861	11,390							
35	57	94 786	7 541,345	88 408,201	11,723	11,253							
36	58	94 359	6 983,577	80 866,856	11,580	11,109							
37	59	93 882	6 463,525	73 883,278	11,431	10,961							
38	60	93 354	5 978,746	67 419,753	11,277	10,806							
39	61	92 781	5 527,489	61 441,007	11,116	10,645							
40	62	92 156	5 107,223	55 913,518	10,948	10,478							
41	63	91 478	4 715,977	50 806,295	10,773	10,303							
42	64	90 728	4 350,977	46 090,318	10,593	10,123							
43	65	89 929	4 011,751	41 739,341	10,404	9,934							
44	66	89 066	3 696,052	37 727,589	10,208	9,737							
45	67	88 133	3 402,168	34 031,537	10,003	9,533							
46	68	87 144	3 129,299	30 629,369	9,788	9,318							
47	69	86 077	2 875,329	27 500,070	9,564	9,094							
48	70	84 884	2 637,678	24 624,740	9,336	8,865							
49	71	83 599	2 416,497	21 987,063	9,099	8,628							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	1 387 829,213	13,952	13,482	50	73	80 973	2 177,300	18 796,149	8,633	8,162
1	24	99 116	92 200,951	1 288 360,177	13,973	13,503	51	74	79 362	1 985,099	16 618,849	8,372	7,902
2	25	99 076	85 733,513	1 196 159,227	13,952	13,482	52	75	77 640	1 806,523	14 633,749	8,101	7,630
3	26	99 043	79 725,993	1 110 425,714	13,928	13,458	53	76	75 774	1 640,096	12 827,226	7,821	7,351
4	27	99 014	74 141,706	1 030 699,721	13,902	13,431	54	77	73 761	1 485,144	11 187,130	7,533	7,062
5	28	98 982	68 946,695	956 558,015	13,874	13,404	55	78	71 635	1 341,704	9 701,986	7,231	6,761
6	29	98 949	64 115,369	887 611,320	13,844	13,374	56	79	69 289	1 207,235	8 360,282	6,925	6,455
7	30	98 916	59 622,117	823 495,951	13,812	13,342	57	80	66 729	1 081,517	7 153,047	6,614	6,144
8	31	98 878	55 441,362	763 873,834	13,778	13,308	58	81	63 921	963,726	6 071,529	6,300	5,830
9	32	98 839	51 552,827	708 432,472	13,742	13,272	59	82	60 864	853,613	5 107,804	5,984	5,513
10	33	98 798	47 936,161	656 879,645	13,703	13,233	60	83	57 499	750,160	4 254,191	5,671	5,201
11	34	98 756	44 572,841	608 943,484	13,662	13,191	61	84	53 806	653,007	3 504,031	5,366	4,896
12	35	98 711	41 444,413	564 370,643	13,618	13,147	62	85	49 841	562,676	2 851,024	5,067	4,597
13	36	98 657	38 531,529	522 926,230	13,571	13,101	63	86	45 625	479,149	2 288,348	4,776	4,306
14	37	98 600	35 822,862	484 394,701	13,522	13,052	64	87	41 194	402,427	1 809,199	4,496	4,025
15	38	98 538	33 302,651	448 571,839	13,470	12,999	65	88	36 587	332,488	1 406,772	4,231	3,761
16	39	98 469	30 957,333	415 269,188	13,414	12,944	66	89	31 943	270,037	1 074,283	3,978	3,508
17	40	98 382	28 772,108	384 311,956	13,357	12,887	67	90	27 361	215,165	804,246	3,738	3,268
18	41	98 293	26 740,674	355 539,848	13,296	12,826	68	91	22 914	167,621	589,081	3,514	3,044
19	42	98 184	24 847,219	328 799,174	13,233	12,763	69	92	18 737	127,500	421,459	3,306	2,835
20	43	98 065	23 085,723	303 951,955	13,166	12,696	70	93	14 894	94,283	293,959	3,118	2,648
21	44	97 936	21 447,003	280 866,232	13,096	12,626	71	94	11 510	67,774	199,677	2,946	2,476
22	45	97 804	19 923,768	259 419,229	13,021	12,550	72	95	8 648	47,368	131,903	2,785	2,314
23	46	97 658	18 506,040	239 495,461	12,941	12,471	73	96	6 279	31,996	84,535	2,642	2,172
24	47	97 501	17 187,310	220 989,421	12,858	12,387	74	97	4 395	20,832	52,539	2,522	2,052
25	48	97 330	15 960,107	203 802,110	12,769	12,299	75	98	3 003	13,241	31,707	2,395	1,924
26	49	97 140	14 817,540	187 842,003	12,677	12,207	76	99	1 975	8,100	18,466	2,280	1,809
27	50	96 933	13 754,481	173 024,463	12,579	12,109	77	100	1 248	4,763	10,366	2,176	1,706
28	51	96 711	12 765,530	159 269,982	12,477	12,006							
29	52	96 466	11 844,772	146 504,452	12,369	11,898							
30	53	96 205	10 988,680	134 659,679	12,254	11,784							
31	54	95 916	10 191,307	123 670,999	12,135	11,665							
32	55	95 597	9 448,751	113 479,692	12,010	11,540							
33	56	95 241	8 756,827	104 030,941	11,880	11,410							
34	57	94 853	8 112,647	95 274,115	11,744	11,274							
35	58	94 430	7 513,018	87 161,467	11,601	11,131							
36	59	93 965	6 954,431	79 648,450	11,453	10,983							
37	60	93 447	6 433,570	72 694,019	11,299	10,829							
38	61	92 875	5 948,094	66 260,449	11,140	10,669							
39	62	92 262	5 496,611	60 312,355	10,973	10,502							
40	63	91 592	5 075,957	54 815,743	10,799	10,329							
41	64	90 860	4 684,096	49 739,786	10,619	10,149							
42	65	90 056	4 318,742	45 055,690	10,433	9,962							
43	66	89 208	3 979,602	40 736,948	10,236	9,766							
44	67	88 286	3 663,683	36 757,346	10,033	9,563							
45	68	87 308	3 370,331	33 093,663	9,819	9,349							
46	69	86 255	3 097,368	29 723,332	9,596	9,126							
47	70	85 083	2 842,130	26 625,964	9,368	8,898							
48	71	83 819	2 604,570	23 783,834	9,132	8,661							
49	72	82 444	2 383,115	21 179,264	8,887	8,417							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	1 385 782,485	13,934	13,464	50	74	79 618	2 140,861	17 989,835	8,403	7,933
1	25	99 100	92 185,805	1 286 329,718	13,954	13,483	51	75	77 918	1 948,986	15 848,974	8,132	7,662
2	26	99 057	85 716,845	1 194 143,914	13,931	13,461	52	76	76 078	1 770,176	13 899,988	7,852	7,382
3	27	99 026	79 711,783	1 108 427,069	13,905	13,435	53	77	74 095	1 603,769	12 129,812	7,563	7,093
4	28	98 993	74 126,155	1 028 715,286	13,878	13,408	54	78	71 995	1 449,592	10 526,042	7,261	6,791
5	29	98 958	68 930,286	954 589,131	13,849	13,378	55	79	69 686	1 305,200	9 076,450	6,954	6,484
6	30	98 925	64 099,548	885 658,845	13,817	13,347	56	80	67 155	1 170,042	7 771,250	6,642	6,172
7	31	98 888	59 605,257	821 559,298	13,783	13,313	57	81	64 376	1 043,381	6 601,208	6,327	5,856
8	32	98 847	55 423,010	761 954,041	13,748	13,278	58	82	61 338	924,776	5 557,827	6,010	5,540
9	33	98 806	51 535,510	706 530,531	13,710	13,239	59	83	58 003	813,491	4 633,050	5,695	5,225
10	34	98 763	47 919,372	654 995,021	13,669	13,198	60	84	54 325	708,754	3 819,559	5,389	4,919
11	35	98 718	44 555,823	607 075,649	13,625	13,155	61	85	50 374	611,353	3 110,805	5,088	4,618
12	36	98 665	41 423,061	562 519,825	13,579	13,109	62	86	46 168	521,211	2 499,452	4,795	4,325
13	37	98 610	38 513,155	521 094,764	13,530	13,060	63	87	41 734	438,287	1 978,241	4,514	4,043
14	38	98 551	35 804,773	482 581,609	13,478	13,008	64	88	37 111	362,549	1 539,954	4,248	3,777
15	39	98 484	33 284,198	446 776,836	13,423	12,953	65	89	32 442	294,816	1 177,405	3,994	3,523
16	40	98 404	30 937,090	413 492,637	13,366	12,895	66	90	27 829	235,255	882,589	3,752	3,281
17	41	98 320	28 753,891	382 555,547	13,304	12,834	67	91	23 336	183,511	647,334	3,527	3,057
18	42	98 221	26 721,075	353 801,656	13,241	12,770	68	92	19 112	139,808	463,823	3,318	2,847
19	43	98 104	24 827,171	327 080,581	13,174	12,704	69	93	15 215	103,537	324,015	3,129	2,659
20	44	97 977	23 065,045	302 253,410	13,104	12,634	70	94	11 775	74,535	220,478	2,958	2,488
21	45	97 844	21 426,717	279 188,365	13,030	12,560	71	95	8 869	52,223	145,944	2,795	2,324
22	46	97 699	19 902,337	257 761,648	12,951	12,481	72	96	6 449	35,324	93,721	2,653	2,183
23	47	97 542	18 484,126	237 859,311	12,868	12,398	73	97	4 525	23,059	58,397	2,532	2,062
24	48	97 375	17 164,978	219 375,185	12,780	12,310	74	98	3 100	14,692	35,338	2,405	1,935
25	49	97 182	15 935,894	202 210,208	12,689	12,219	75	99	2 045	9,017	20,646	2,290	1,819
26	50	96 976	14 792,586	186 274,314	12,592	12,122	76	100	1 297	5,320	11,629	2,186	1,716
27	51	96 755	13 729,120	171 481,728	12,490	12,020							
28	52	96 510	12 739,022	157 752,608	12,383	11,913							
29	53	96 253	11 818,662	145 013,586	12,270	11,800							
30	54	95 967	10 961,444	133 194,924	12,151	11,681							
31	55	95 652	10 163,237	122 233,480	12,027	11,557							
32	56	95 300	9 419,343	112 070,243	11,898	11,428							
33	57	94 919	8 727,215	102 650,900	11,762	11,292							
34	58	94 497	8 082,174	93 923,686	11,621	11,151							
35	59	94 036	7 481,662	85 841,512	11,474	11,003							
36	60	93 530	6 922,201	78 359,850	11,320	10,850							
37	61	92 968	6 400,586	71 437,649	11,161	10,691							
38	62	92 356	5 914,867	65 037,063	10,996	10,525							
39	63	91 698	5 462,962	59 122,196	10,822	10,352							
40	64	90 973	5 041,643	53 659,234	10,643	10,173							
41	65	90 187	4 649,393	48 617,591	10,457	9,986							
42	66	89 334	4 284,133	43 968,199	10,263	9,793							
43	67	88 427	3 944,750	39 684,066	10,060	9,590							
44	68	87 460	3 629,399	35 739,316	9,847	9,377							
45	69	86 417	3 335,940	32 109,918	9,625	9,155							
46	70	85 259	3 061,605	28 773,977	9,398	8,928							
47	71	84 015	2 806,456	25 712,372	9,162	8,692							
48	72	82 661	2 568,589	22 905,916	8,918	8,447							
49	73	81 212	2 347,492	20 337,327	8,663	8,193							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	1 383 589,321	13,914	13,444	50	75	78 170	2 101,914	17 153,034	8,161	7,690
1	26	99 080	92 167,883	1 284 152,891	13,933	13,462	51	76	76 351	1 909,773	15 051,119	7,881	7,411
2	27	99 039	85 701,567	1 191 985,009	13,909	13,438	52	77	74 393	1 730,969	13 141,347	7,592	7,122
3	28	99 005	79 695,063	1 106 283,442	13,881	13,411	53	78	72 322	1 565,378	11 410,378	7,289	6,819
4	29	98 970	74 108,513	1 026 588,379	13,853	13,382	54	79	70 036	1 410,152	9 845,000	6,982	6,511
5	30	98 934	68 913,277	952 479,865	13,821	13,351	55	80	67 539	1 264,989	8 434,848	6,668	6,198
6	31	98 897	64 081,421	883 566,589	13,788	13,318	56	81	64 787	1 128,785	7 169,859	6,352	5,882
7	32	98 856	59 586,064	819 485,167	13,753	13,283	57	82	61 774	1 001,213	6 041,075	6,034	5,563
8	33	98 813	55 404,893	759 899,104	13,715	13,245	58	83	58 455	881,310	5 039,862	5,719	5,248
9	34	98 771	51 517,461	704 494,211	13,675	13,205	59	84	54 802	768,590	4 158,552	5,411	4,940
10	35	98 726	47 901,077	652 976,750	13,632	13,161	60	85	50 860	663,544	3 389,962	5,109	4,639
11	36	98 672	44 535,019	605 075,673	13,587	13,116	61	86	46 662	566,300	2 726,418	4,814	4,344
12	37	98 618	41 405,307	560 540,655	13,538	13,068	62	87	42 231	476,763	2 160,118	4,531	4,061
13	38	98 560	38 493,709	519 135,347	13,486	13,016	63	88	37 599	394,855	1 683,355	4,263	3,793
14	39	98 496	35 784,934	480 641,639	13,431	12,961	64	89	32 907	321,471	1 288,500	4,008	3,538
15	40	98 420	33 262,542	444 856,705	13,374	12,904	65	90	28 263	256,842	967,029	3,765	3,295
16	41	98 342	30 917,937	411 594,163	13,313	12,842	66	91	23 735	200,645	710,187	3,540	3,069
17	42	98 248	28 732,817	380 676,660	13,249	12,779	67	92	19 464	153,061	509,542	3,329	2,859
18	43	98 142	26 699,515	351 943,843	13,182	12,711	68	93	15 520	113,532	356,481	3,140	2,670
19	44	98 016	24 804,933	325 244,329	13,112	12,642	69	94	12 028	81,850	242,949	2,968	2,498
20	45	97 884	23 043,229	300 439,396	13,038	12,568	70	95	9 073	57,432	161,099	2,805	2,335
21	46	97 739	21 403,669	277 396,166	12,960	12,490	71	96	6 614	38,945	103,667	2,662	2,192
22	47	97 583	19 878,769	255 992,497	12,878	12,407	72	97	4 648	25,458	64,722	2,542	2,072
23	48	97 416	18 460,108	236 113,728	12,790	12,320	73	98	3 192	16,263	39,265	2,414	1,944
24	49	97 227	17 138,937	217 653,620	12,699	12,229	74	99	2 111	10,005	23,002	2,299	1,829
25	50	97 019	15 909,057	200 514,684	12,604	12,134	75	100	1 343	5,922	12,997	2,195	1,725
26	51	96 797	14 765,310	184 605,627	12,503	12,032							
27	52	96 554	13 700,611	169 840,317	12,397	11,926							
28	53	96 297	12 710,940	156 139,706	12,284	11,814							
29	54	96 014	11 789,368	143 428,766	12,166	11,696							
30	55	95 703	10 931,253	131 639,398	12,042	11,572							
31	56	95 354	10 131,605	120 708,145	11,914	11,444							
32	57	94 977	9 387,490	110 576,539	11,779	11,309							
33	58	94 563	8 694,433	101 189,049	11,638	11,168							
34	59	94 102	8 048,442	92 494,616	11,492	11,022							
35	60	93 600	7 446,988	84 446,174	11,340	10,869							
36	61	93 050	6 886,712	76 999,186	11,181	10,711							
37	62	92 449	6 364,831	70 112,474	11,016	10,545							
38	63	91 791	5 878,657	63 747,642	10,844	10,374							
39	64	91 078	5 426,031	57 868,986	10,665	10,195							
40	65	90 299	5 004,290	52 442,955	10,480	10,009							
41	66	89 464	4 612,134	47 438,664	10,286	9,815							
42	67	88 552	4 246,613	42 826,530	10,085	9,615							
43	68	87 599	3 907,835	38 579,917	9,872	9,402							
44	69	86 567	3 592,364	34 672,082	9,652	9,181							
45	70	85 419	3 297,422	31 079,718	9,425	8,955							
46	71	84 189	3 023,176	27 782,295	9,190	8,719							
47	72	82 854	2 767,687	24 759,119	8,946	8,476							
48	73	81 425	2 530,194	21 991,432	8,692	8,221							
49	74	79 853	2 308,204	19 461,238	8,431	7,961							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	2 537,188	29 438,414	11,603	11,132
1	0	99 661	92 708,281	1 311 216,961	14,143	13,673	51	50	93 896	2 348,629	26 901,225	11,454	10,984
2	1	99 349	85 970,084	1 218 508,679	14,174	13,703	52	51	93 387	2 172,940	24 552,596	11,299	10,829
3	2	99 314	79 943,749	1 132 538,595	14,167	13,696	53	52	92 821	2 009,082	22 379,656	11,139	10,669
4	3	99 289	74 347,692	1 052 594,847	14,158	13,687	54	53	92 198	1 856,376	20 370,574	10,973	10,503
5	4	99 268	69 145,858	978 247,155	14,148	13,677	55	54	91 509	1 713,954	18 514,197	10,802	10,332
6	5	99 250	64 309,962	909 101,297	14,136	13,666	56	55	90 738	1 580,943	16 800,243	10,627	10,156
7	6	99 234	59 813,770	844 791,335	14,124	13,653	57	56	89 883	1 456,781	15 219,300	10,447	9,977
8	7	99 217	55 631,246	784 977,566	14,110	13,640	58	57	88 946	1 341,015	13 762,519	10,263	9,792
9	8	99 205	51 743,591	729 346,320	14,095	13,625	59	58	87 927	1 233,171	12 421,504	10,073	9,603
10	9	99 190	48 126,241	677 602,729	14,080	13,609	60	59	86 799	1 132,422	11 188,333	9,880	9,410
11	10	99 177	44 762,883	629 476,488	14,062	13,592	61	60	85 572	1 038,515	10 055,911	9,683	9,213
12	11	99 165	41 634,698	584 713,605	14,044	13,574	62	61	84 231	950,927	9 017,396	9,483	9,012
13	12	99 148	38 723,545	543 078,907	14,025	13,554	63	62	82 776	869,303	8 066,469	9,279	8,809
14	13	99 133	36 016,279	504 355,362	14,004	13,533	64	63	81 204	793,292	7 197,165	9,073	8,602
15	14	99 113	33 496,728	468 339,083	13,982	13,511	65	64	79 515	722,598	6 403,873	8,862	8,392
16	15	99 088	31 152,030	434 842,355	13,959	13,488	66	65	77 714	656,961	5 681,275	8,648	8,178
17	16	99 054	28 968,652	403 690,324	13,935	13,465	67	66	75 796	596,045	5 024,314	8,429	7,959
18	17	99 015	26 936,954	374 721,672	13,911	13,441	68	67	73 774	539,668	4 428,269	8,206	7,735
19	18	98 964	25 044,712	347 784,718	13,887	13,416	69	68	71 648	487,552	3 888,601	7,976	7,505
20	19	98 908	23 284,225	322 740,006	13,861	13,391	70	69	69 422	439,445	3 401,049	7,739	7,269
21	20	98 851	21 647,248	299 455,781	13,833	13,363	71	70	67 076	394,970	2 961,604	7,498	7,028
22	21	98 795	20 125,536	277 808,533	13,804	13,334	72	71	64 582	353,755	2 566,634	7,255	6,785
23	22	98 737	18 710,402	257 682,997	13,772	13,302	73	72	62 016	315,998	2 212,879	7,003	6,533
24	23	98 678	17 394,793	238 972,595	13,738	13,268	74	73	59 328	281,210	1 896,881	6,745	6,275
25	24	98 617	16 171,145	221 577,802	13,702	13,232	75	74	56 516	249,192	1 615,670	6,484	6,013
26	25	98 557	15 033,812	205 406,656	13,663	13,193	76	75	53 588	219,797	1 366,478	6,217	5,747
27	26	98 495	13 976,061	190 372,845	13,621	13,151	77	76	50 543	192,846	1 146,681	5,946	5,476
28	27	98 433	12 992,824	176 396,784	13,576	13,106	78	77	47 434	168,356	953,835	5,666	5,195
29	28	98 367	12 078,223	163 403,960	13,529	13,059	79	78	44 228	146,025	785,480	5,379	4,909
30	29	98 295	11 227,341	151 325,737	13,478	13,008	80	79	40 896	125,604	639,455	5,091	4,621
31	30	98 219	10 435,947	140 098,396	13,425	12,954	81	80	37 425	106,924	513,851	4,806	4,335
32	31	98 135	9 699,545	129 662,449	13,368	12,898	82	81	33 859	89,988	406,927	4,522	4,052
33	32	98 043	9 014,417	119 962,904	13,308	12,838	83	82	30 236	74,752	316,938	4,240	3,770
34	33	97 941	8 376,810	110 948,487	13,245	12,774	84	83	26 539	61,033	242,186	3,968	3,498
35	34	97 838	7 784,178	102 571,677	13,177	12,707	85	84	22 828	48,836	181,153	3,709	3,239
36	35	97 727	7 232,867	94 787,498	13,105	12,635	86	85	19 194	38,197	132,317	3,464	2,994
37	36	97 595	6 719,167	87 554,632	13,031	12,560	87	86	15 740	29,139	94,120	3,230	2,760
38	37	97 451	6 241,176	80 835,464	12,952	12,482	88	87	12 540	21,595	64,980	3,009	2,539
39	38	97 303	5 796,917	74 594,289	12,868	12,398	89	88	9 640	15,442	43,385	2,809	2,339
40	39	97 137	5 383,270	68 797,372	12,780	12,310	90	89	7 136	10,633	27,943	2,628	2,158
41	40	96 954	4 998,242	63 414,101	12,687	12,217	91	90	5 077	7,037	17,309	2,460	1,989
42	41	96 752	4 639,842	58 415,859	12,590	12,120	92	91	3 461	4,463	10,272	2,302	1,831
43	42	96 544	4 306,868	53 776,017	12,486	12,016	93	92	2 240	2,687	5,809	2,162	1,692
44	43	96 312	3 996,772	49 469,149	12,377	11,907	94	93	1 374	1,533	3,122	2,037	1,567
45	44	96 059	3 708,157	45 472,377	12,263	11,793	95	94	793	0,823	1,590	1,932	1,461
46	45	95 788	3 439,709	41 764,220	12,142	11,672	96	95	433	0,418	0,767	1,833	1,363
47	46	95 488	3 189,695	38 324,510	12,015	11,545	97	96	221	0,199	0,348	1,752	1,282
48	47	95 152	2 956,734	35 134,816	11,883	11,413	98	97	106	0,089	0,150	1,682	1,212
49	48	94 779	2 739,668	32 178,082	11,745	11,275	99	98	49	0,038	0,061	1,605	1,135
							100	99	21	0,015	0,023	1,543	1,072

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	2 541,044	29 603,540	11,650	11,180
1							51	49	94 054	2 352,591	27 062,497	11,503	11,033
2	0	99 637	86 219,420	1 219 093,396	14,139	13,669	52	50	93 560	2 176,954	24 709,906	11,351	10,880
3	1	99 336	79 961,533	1 132 873,977	14,168	13,697	53	51	93 014	2 013,263	22 532,951	11,192	10,722
4	2	99 302	74 357,462	1 052 912,443	14,160	13,690	54	52	92 402	1 860,477	20 519,688	11,029	10,559
5	3	99 278	69 152,752	978 554,981	14,151	13,680	55	53	91 737	1 718,213	18 659,211	10,860	10,389
6	4	99 259	64 315,882	909 402,229	14,140	13,669	56	54	90 989	1 585,309	16 940,998	10,686	10,216
7	5	99 241	59 817,834	845 086,346	14,128	13,657	57	55	90 163	1 461,330	15 355,689	10,508	10,038
8	6	99 224	55 635,309	785 268,513	14,115	13,644	58	56	89 247	1 345,565	13 894,359	10,326	9,856
9	7	99 210	51 746,055	729 633,204	14,100	13,630	59	57	88 259	1 237,821	12 548,794	10,138	9,668
10	8	99 197	48 129,709	677 887,149	14,085	13,614	60	58	87 163	1 137,168	11 310,973	9,947	9,476
11	9	99 182	44 765,262	629 757,439	14,068	13,598	61	59	85 970	1 043,351	10 173,806	9,751	9,281
12	10	99 170	41 637,013	584 992,177	14,050	13,580	62	60	84 665	955,828	9 130,455	9,552	9,082
13	11	99 156	38 726,523	543 355,164	14,031	13,560	63	61	83 241	874,187	8 174,627	9,351	8,881
14	12	99 139	36 018,555	504 628,641	14,010	13,540	64	62	81 704	798,178	7 300,441	9,146	8,676
15	13	99 121	33 499,376	468 610,086	13,989	13,518	65	63	80 056	727,516	6 502,263	8,938	8,467
16	14	99 097	31 154,904	435 110,710	13,966	13,496	66	64	78 294	661,865	5 774,746	8,725	8,255
17	15	99 066	28 972,006	403 955,805	13,943	13,473	67	65	76 408	600,860	5 112,881	8,509	8,039
18	16	99 028	26 940,398	374 983,799	13,919	13,449	68	66	74 426	544,436	4 512,021	8,288	7,817
19	17	98 977	25 047,959	348 043,401	13,895	13,425	69	67	72 325	492,158	3 967,585	8,062	7,591
20	18	98 924	23 288,005	322 995,441	13,870	13,399	70	68	70 138	443,975	3 475,427	7,828	7,358
21	19	98 867	21 650,807	299 707,436	13,843	13,373	71	69	67 859	399,584	3 031,452	7,587	7,116
22	20	98 811	20 128,830	278 056,629	13,814	13,344	72	70	65 403	358,251	2 631,868	7,346	6,876
23	21	98 753	18 713,580	257 927,799	13,783	13,313	73	71	62 885	320,425	2 273,617	7,096	6,625
24	22	98 695	17 397,712	239 214,219	13,750	13,279	74	72	60 228	285,477	1 953,192	6,842	6,372
25	23	98 633	16 173,791	221 816,507	13,715	13,244	75	73	57 478	253,433	1 667,714	6,580	6,110
26	24	98 574	15 036,282	205 642,716	13,676	13,206	76	74	54 581	223,870	1 414,281	6,317	5,847
27	25	98 514	13 978,779	190 606,434	13,635	13,165	77	75	51 581	196,806	1 190,411	6,049	5,578
28	26	98 451	12 995,140	176 627,656	13,592	13,122	78	76	48 508	172,169	993,605	5,771	5,301
29	27	98 387	12 080,757	163 632,516	13,545	13,075	79	77	45 313	149,606	821,436	5,491	5,020
30	28	98 318	11 230,014	151 551,759	13,495	13,025	80	78	42 040	129,117	671,830	5,203	4,733
31	29	98 243	10 438,523	140 321,745	13,443	12,972	81	79	38 615	110,323	542,713	4,919	4,449
32	30	98 162	9 702,289	129 883,222	13,387	12,917	82	80	35 097	93,277	432,390	4,636	4,165
33	31	98 075	9 017,321	120 180,934	13,328	12,858	83	81	31 510	77,901	339,113	4,353	3,883
34	32	97 974	8 379,625	111 163,613	13,266	12,796	84	82	27 848	64,044	261,212	4,079	3,608
35	33	97 873	7 786,906	102 783,988	13,200	12,729	85	83	24 161	51,689	197,169	3,815	3,344
36	34	97 764	7 235,629	94 997,083	13,129	12,659	86	84	20 501	40,799	145,480	3,566	3,095
37	35	97 641	6 722,306	87 761,453	13,055	12,585	87	85	16 993	31,457	104,680	3,328	2,857
38	36	97 498	6 244,153	81 039,147	12,978	12,508	88	86	13 709	23,609	73,223	3,102	2,631
39	37	97 352	5 799,846	74 794,994	12,896	12,426	89	87	10 700	17,141	49,614	2,894	2,424
40	38	97 191	5 386,255	68 995,148	12,809	12,339	90	88	8 047	11,992	32,473	2,708	2,238
41	39	97 017	5 001,496	63 608,893	12,718	12,248	91	89	5 827	8,078	20,481	2,536	2,065
42	40	96 813	4 642,782	58 607,397	12,623	12,153	92	90	4 058	5,232	12,403	2,370	1,900
43	41	96 615	4 310,027	53 964,616	12,521	12,050	93	91	2 686	3,222	7,171	2,226	1,755
44	42	96 390	4 000,000	49 654,589	12,414	11,943	94	92	1 691	1,887	3,949	2,092	1,622
45	43	96 145	3 711,482	45 654,589	12,301	11,831	95	93	1 003	1,041	2,062	1,981	1,510
46	44	95 879	3 442,966	41 943,107	12,182	11,712	96	94	562	0,543	1,021	1,881	1,410
47	45	95 590	3 193,129	38 500,142	12,057	11,587	97	95	297	0,267	0,478	1,792	1,322
48	46	95 265	2 960,240	35 307,012	11,927	11,457	98	96	148	0,123	0,211	1,712	1,242
49	47	94 902	2 743,232	32 346,773	11,791	11,321	99	97	69	0,054	0,088	1,639	1,169
							100	98	30	0,022	0,034	1,573	1,102

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	2 544,350	29 754,882	11,694	11,224
1							51	48	94 197	2 356,166	27 210,533	11,549	11,078
2							52	49	93 718	2 180,627	24 854,367	11,398	10,928
3	0	99 624	80 193,442	1 133 412,195	14,133	13,663	53	50	93 186	2 016,982	22 673,740	11,241	10,771
4	1	99 324	74 374,004	1 053 218,753	14,143	13,691	54	51	92 594	1 864,349	20 656,758	11,080	10,610
5	2	99 291	69 161,840	978 844,749	14,153	13,683	55	52	91 939	1 722,009	18 792,409	10,913	10,443
6	3	99 269	64 322,295	909 682,908	14,143	13,672	56	53	91 215	1 589,248	17 070,401	10,741	10,271
7	4	99 250	59 823,341	845 360,613	14,131	13,661	57	54	90 412	1 465,366	15 481,152	10,565	10,094
8	5	99 231	55 639,089	785 537,273	14,118	13,648	58	55	89 526	1 349,766	14 015,787	10,384	9,914
9	6	99 217	51 749,834	729 898,184	14,104	13,634	59	56	88 558	1 242,021	12 666,020	10,198	9,728
10	7	99 202	48 132,002	678 148,350	14,089	13,619	60	57	87 492	1 141,455	11 424,000	10,008	9,538
11	8	99 189	44 768,488	630 016,348	14,073	13,602	61	58	86 330	1 047,724	10 282,545	9,814	9,344
12	9	99 175	41 639,226	585 247,860	14,055	13,585	62	59	85 059	960,278	9 234,821	9,617	9,147
13	10	99 161	38 728,676	543 608,633	14,036	13,566	63	60	83 670	878,691	8 274,543	9,417	8,947
14	11	99 147	36 021,325	504 879,957	14,016	13,546	64	61	82 163	802,662	7 395,852	9,214	8,744
15	12	99 127	33 501,493	468 858,632	13,995	13,525	65	62	80 549	731,998	6 593,189	9,007	8,537
16	13	99 105	31 157,367	435 357,138	13,973	13,503	66	63	78 827	666,370	5 861,192	8,796	8,325
17	14	99 075	28 974,679	404 199,771	13,950	13,480	67	64	76 979	605,345	5 194,822	8,582	8,111
18	15	99 039	26 943,518	375 225,092	13,926	13,456	68	65	75 027	548,834	4 589,477	8,362	7,892
19	16	98 989	25 051,162	348 281,574	13,903	13,433	69	66	72 964	496,506	4 040,643	8,138	7,668
20	17	98 937	23 291,025	323 230,413	13,878	13,408	70	67	70 800	448,169	3 544,137	7,908	7,438
21	18	98 883	21 654,322	299 939,388	13,851	13,381	71	68	68 559	403,703	3 095,968	7,669	7,199
22	19	98 827	20 132,139	278 285,066	13,823	13,353	72	69	66 167	362,436	2 692,265	7,428	6,958
23	20	98 769	18 716,643	258 152,926	13,793	13,322	73	70	63 684	324,498	2 329,828	7,180	6,710
24	21	98 712	17 400,667	239 436,283	13,760	13,290	74	71	61 072	289,476	2 005,330	6,927	6,457
25	22	98 650	16 176,505	222 035,616	13,726	13,256	75	72	58 350	257,279	1 715,854	6,669	6,199
26	23	98 590	15 038,742	205 859,111	13,689	13,218	76	73	55 510	227,680	1 458,575	6,406	5,936
27	24	98 530	13 981,075	190 820,370	13,648	13,178	77	74	52 537	200,452	1 230,894	6,141	5,670
28	25	98 470	12 997,667	176 839,295	13,605	13,135	78	75	49 504	175,704	1 030,442	5,865	5,394
29	26	98 405	12 082,911	163 841,628	13,560	13,090	79	76	46 339	152,995	854,738	5,587	5,116
30	27	98 339	11 232,370	151 758,717	13,511	13,041	80	77	43 071	132,284	701,743	5,305	4,835
31	28	98 266	10 441,008	140 526,348	13,459	12,989	81	78	39 695	113,408	569,459	5,021	4,551
32	29	98 187	9 704,683	130 085,340	13,404	12,934	82	79	36 213	96,242	456,051	4,739	4,268
33	30	98 102	9 019,871	120 380,656	13,346	12,876	83	80	32 661	80,748	359,808	4,456	3,986
34	31	98 006	8 382,324	111 360,785	13,285	12,815	84	81	29 020	66,741	279,061	4,181	3,711
35	32	97 905	7 789,522	102 978,461	13,220	12,750	85	82	25 353	54,239	212,320	3,915	3,444
36	33	97 799	7 238,164	95 188,939	13,151	12,681	86	83	21 699	43,183	158,081	3,661	3,190
37	34	97 678	6 724,874	87 950,775	13,078	12,608	87	84	18 150	33,601	114,898	3,420	2,949
38	35	97 543	6 247,070	81 225,901	13,002	12,532	88	85	14 800	25,487	81,297	3,190	2,719
39	36	97 399	5 802,613	74 978,831	12,922	12,451	89	86	11 698	18,739	55,810	2,978	2,508
40	37	97 240	5 388,976	69 176,218	12,837	12,366	90	87	8 933	13,311	37,071	2,785	2,315
41	38	97 071	5 004,269	63 787,242	12,747	12,276	91	88	6 572	9,110	23,760	2,608	2,138
42	39	96 876	4 645,805	58 782,973	12,653	12,183	92	89	4 658	6,006	14,650	2,439	1,969
43	40	96 676	4 312,757	54 137,169	12,553	12,083	93	90	3 149	3,777	8,644	2,288	1,818
44	41	96 461	4 002,934	49 824,411	12,447	11,977	94	91	2 028	2,263	4,867	2,151	1,680
45	42	96 223	3 714,479	45 821,477	12,336	11,866	95	92	1 235	1,282	2,604	2,031	1,561
46	43	95 965	3 446,052	42 106,999	12,219	11,749	96	93	711	0,687	1,322	1,926	1,455
47	44	95 681	3 196,152	38 660,946	12,096	11,626	97	94	385	0,346	0,635	1,836	1,366
48	45	95 368	2 963,427	35 464,794	11,967	11,497	98	95	198	0,165	0,289	1,749	1,279
49	46	95 015	2 746,484	32 501,367	11,834	11,364	99	96	96	0,074	0,124	1,666	1,196
							100	97	43	0,031	0,050	1,604	1,134

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	2 547,366	29 893,473	11,735	11,265
1							51	47	94 320	2 359,231	27 346,106	11,591	11,121
2							52	48	93 860	2 183,940	24 986,875	11,441	10,971
3							53	49	93 343	2 020,384	22 802,935	11,286	10,816
4	0	99 612	74 589,708	1 053 714,093	14,127	13,657	54	50	92 765	1 867,793	20 782,551	11,127	10,657
5	1	99 313	69 177,226	979 124,385	14,154	13,684	55	51	92 131	1 725,592	18 914,758	10,961	10,491
6	2	99 282	64 330,749	909 947,159	14,145	13,675	56	52	91 416	1 592,759	17 189,166	10,792	10,322
7	3	99 260	59 829,306	845 616,410	14,134	13,664	57	53	90 637	1 469,007	15 596,406	10,617	10,147
8	4	99 240	55 644,211	785 787,104	14,122	13,651	58	54	89 773	1 353,494	14 127,400	10,438	9,967
9	5	99 224	51 753,350	730 142,893	14,108	13,638	59	55	88 835	1 245,898	12 773,906	10,253	9,782
10	6	99 209	48 135,516	678 389,543	14,093	13,623	60	56	87 789	1 145,328	11 528,007	10,065	9,595
11	7	99 194	44 770,621	630 254,027	14,077	13,607	61	57	86 656	1 051,674	10 382,679	9,873	9,402
12	8	99 183	41 642,227	585 483,406	14,060	13,590	62	58	85 416	964,302	9 331,005	9,676	9,206
13	9	99 167	38 730,735	543 841,179	14,042	13,571	63	59	84 060	882,783	8 366,702	9,478	9,007
14	10	99 152	36 023,328	505 110,444	14,022	13,551	64	60	82 586	806,798	7 483,920	9,276	8,806
15	11	99 134	33 504,070	469 087,116	14,001	13,531	65	61	81 001	736,110	6 677,121	9,071	8,601
16	12	99 111	31 159,336	435 583,046	13,979	13,509	66	62	79 312	670,474	5 941,012	8,861	8,391
17	13	99 082	28 976,970	404 423,709	13,957	13,486	67	63	77 503	609,465	5 270,537	8,648	8,178
18	14	99 048	26 946,003	375 446,740	13,933	13,463	68	64	75 587	552,931	4 661,072	8,430	7,959
19	15	99 001	25 054,062	348 500,737	13,910	13,440	69	65	73 553	500,517	4 108,141	8,208	7,738
20	16	98 949	23 294,003	323 446,674	13,885	13,415	70	66	71 426	452,129	3 607,624	7,979	7,509
21	17	98 896	21 657,130	300 152,671	13,859	13,389	71	67	69 206	407,517	3 155,496	7,743	7,273
22	18	98 843	20 135,408	278 495,542	13,831	13,361	72	68	66 849	366,173	2 747,979	7,505	7,034
23	19	98 786	18 719,720	258 360,134	13,801	13,331	73	69	64 428	328,289	2 381,806	7,255	6,785
24	20	98 728	17 403,515	239 640,413	13,770	13,299	74	70	61 848	293,156	2 053,518	7,005	6,535
25	21	98 667	16 179,252	222 236,898	13,736	13,266	75	71	59 167	260,883	1 760,362	6,748	6,277
26	22	98 606	15 041,265	206 057,646	13,699	13,229	76	72	56 352	231,135	1 499,479	6,487	6,017
27	23	98 546	13 983,362	191 016,381	13,660	13,190	77	73	53 431	203,864	1 268,343	6,222	5,751
28	24	98 486	12 999,802	177 033,019	13,618	13,148	78	74	50 422	178,960	1 064,479	5,948	5,478
29	25	98 424	12 085,260	164 033,217	13,573	13,103	79	75	47 290	156,136	885,519	5,671	5,201
30	26	98 356	11 234,372	151 947,956	13,525	13,055	80	76	44 046	135,280	729,383	5,392	4,921
31	27	98 287	10 443,198	140 713,584	13,474	13,004	81	77	40 668	116,190	594,103	5,113	4,643
32	28	98 210	9 706,994	130 270,386	13,420	12,950	82	78	37 226	98,934	477,913	4,831	4,360
33	29	98 127	9 022,098	120 563,392	13,363	12,893	83	79	33 700	83,315	378,979	4,549	4,078
34	30	98 034	8 384,695	111 541,295	13,303	12,833	84	80	30 081	69,180	295,664	4,274	3,804
35	31	97 937	7 792,031	103 156,600	13,239	12,768	85	81	26 421	56,523	226,484	4,007	3,537
36	32	97 832	7 240,596	95 364,568	13,171	12,701	86	82	22 769	45,313	169,961	3,751	3,281
37	33	97 712	6 727,230	88 123,972	13,100	12,629	87	83	19 211	35,564	124,648	3,505	3,035
38	34	97 581	6 249,456	81 396,742	13,025	12,554	88	84	15 808	27,223	89,084	3,272	2,802
39	35	97 444	5 805,324	75 147,286	12,945	12,474	89	85	12 628	20,230	61,861	3,058	2,588
40	36	97 286	5 391,547	69 341,963	12,861	12,391	90	86	9 765	14,552	41,631	2,861	2,391
41	37	97 120	5 006,797	63 950,416	12,773	12,302	91	87	7 295	10,112	27,079	2,678	2,208
42	38	96 930	4 648,380	58 943,619	12,680	12,210	92	88	5 253	6,774	16,967	2,505	2,035
43	39	96 739	4 315,565	54 295,238	12,581	12,111	93	89	3 615	4,336	10,193	2,351	1,881
44	40	96 522	4 005,470	49 979,673	12,478	12,008	94	90	2 378	2,653	5,858	2,208	1,738
45	41	96 294	3 717,203	45 974,203	12,368	11,898	95	91	1 481	1,537	3,204	2,085	1,615
46	42	96 042	3 448,835	42 257,000	12,253	11,782	96	92	876	0,846	1,668	1,972	1,502
47	43	95 767	3 199,018	38 808,165	12,131	11,661	97	93	487	0,438	0,822	1,878	1,408
48	44	95 458	2 966,233	35 609,147	12,005	11,535	98	94	257	0,215	0,384	1,789	1,319
49	45	95 117	2 749,442	32 642,914	11,873	11,402	99	95	128	0,100	0,170	1,700	1,230
							100	96	59	0,043	0,070	1,629	1,159

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	2 550,109	30 020,284	11,772	11,302
1							51	46	94 431	2 362,028	27 470,175	11,630	11,160
2							52	47	93 982	2 186,782	25 108,146	11,482	11,011
3							53	48	93 485	2 023,454	22 921,365	11,328	10,858
4							54	49	92 922	1 870,944	20 897,911	11,170	10,699
5	0	99 601	69 377,858	979 580,205	14,119	13,649	55	50	92 301	1 728,780	19 026,967	11,006	10,536
6	1	99 304	64 345,060	910 202,347	14,146	13,675	56	51	91 607	1 596,074	17 298,187	10,838	10,368
7	2	99 273	59 837,168	845 857,287	14,136	13,666	57	52	90 837	1 472,252	15 702,114	10,665	10,195
8	3	99 250	55 649,759	786 020,119	14,124	13,654	58	53	89 996	1 356,857	14 229,862	10,487	10,017
9	4	99 233	51 758,115	730 370,359	14,111	13,641	59	54	89 080	1 249,339	12 873,004	10,304	9,834
10	5	99 216	48 138,787	678 612,245	14,097	13,627	60	55	88 063	1 148,904	11 623,665	10,117	9,647
11	6	99 201	44 773,890	630 473,458	14,081	13,611	61	56	86 950	1 055,242	10 474,761	9,926	9,456
12	7	99 187	41 644,211	585 699,568	14,064	13,594	62	57	85 738	967,938	9 419,519	9,732	9,261
13	8	99 174	38 733,526	544 055,357	14,046	13,576	63	58	84 412	886,483	8 451,580	9,534	9,064
14	9	99 157	36 025,243	505 321,830	14,027	13,557	64	59	82 971	810,555	7 565,098	9,333	8,863
15	10	99 140	33 505,933	469 296,588	14,006	13,536	65	60	81 419	739,903	6 754,543	9,129	8,659
16	11	99 119	31 161,733	435 790,655	13,985	13,515	66	61	79 758	674,241	6 014,640	8,921	8,450
17	12	99 089	28 978,801	404 628,922	13,963	13,493	67	62	77 980	613,219	5 340,399	8,709	8,239
18	13	99 056	26 948,133	375 650,121	13,940	13,469	68	63	76 101	556,694	4 727,180	8,492	8,021
19	14	99 010	25 056,374	348 701,988	13,917	13,446	69	64	74 102	504,253	4 170,486	8,271	7,800
20	15	98 961	23 296,700	323 645,614	13,892	13,422	70	65	72 003	455,781	3 666,233	8,044	7,574
21	16	98 909	21 659,899	300 348,914	13,867	13,396	71	66	69 818	411,117	3 210,451	7,809	7,339
22	17	98 856	20 138,019	278 689,016	13,839	13,369	72	67	67 481	369,632	2 799,334	7,573	7,103
23	18	98 802	18 722,760	258 550,997	13,809	13,339	73	68	65 092	331,673	2 429,703	7,326	6,855
24	19	98 744	17 406,376	239 828,237	13,778	13,308	74	69	62 570	296,580	2 098,030	7,074	6,604
25	20	98 683	16 181,901	222 421,861	13,745	13,275	75	70	59 919	264,199	1 801,449	6,819	6,348
26	21	98 623	15 043,819	206 239,960	13,709	13,239	76	71	57 141	234,373	1 537,250	6,559	6,089
27	22	98 563	13 985,709	191 196,141	13,671	13,201	77	72	54 242	206,958	1 302,877	6,295	5,825
28	23	98 502	13 001,929	177 210,432	13,630	13,159	78	73	51 280	182,006	1 095,919	6,021	5,551
29	24	98 440	12 087,246	164 208,503	13,585	13,115	79	74	48 167	159,030	913,913	5,747	5,277
30	25	98 376	11 236,557	152 121,257	13,538	13,068	80	75	44 951	138,058	754,884	5,468	4,998
31	26	98 304	10 445,060	140 884,701	13,488	13,018	81	76	41 589	118,822	616,826	5,191	4,721
32	27	98 231	9 709,030	130 439,641	13,435	12,965	82	77	38 138	101,361	498,005	4,913	4,443
33	28	98 150	9 024,245	120 730,611	13,378	12,908	83	78	34 642	85,645	396,644	4,631	4,161
34	29	98 058	8 386,765	111 706,366	13,319	12,849	84	79	31 037	71,379	310,999	4,357	3,887
35	30	97 965	7 794,235	103 319,601	13,256	12,786	85	80	27 386	58,589	239,620	4,090	3,620
36	31	97 863	7 242,929	95 525,366	13,189	12,718	86	81	23 728	47,221	181,031	3,834	3,363
37	32	97 745	6 729,490	88 282,437	13,119	12,648	87	82	20 158	37,318	133,810	3,586	3,115
38	33	97 615	6 251,646	81 552,947	13,045	12,575	88	83	16 732	28,814	96,492	3,349	2,879
39	34	97 482	5 807,541	75 301,301	12,966	12,496	89	84	13 489	21,608	67,678	3,132	2,662
40	35	97 332	5 394,066	69 493,760	12,883	12,413	90	85	10 542	15,710	46,070	2,933	2,462
41	36	97 166	5 009,186	64 099,695	12,796	12,326	91	86	7 975	11,054	30,360	2,746	2,276
42	37	96 979	4 650,729	59 090,509	12,706	12,235	92	87	5 831	7,519	19,305	2,568	2,097
43	38	96 793	4 317,958	54 439,780	12,608	12,137	93	88	4 077	4,890	11,787	2,410	1,940
44	39	96 585	4 008,078	50 121,822	12,505	12,035	94	89	2 729	3,045	6,897	2,265	1,794
45	40	96 355	3 719,558	46 113,745	12,398	11,927	95	90	1 736	1,802	3,851	2,137	1,667
46	41	96 113	3 451,365	42 394,187	12,283	11,813	96	91	1 050	1,014	2,049	2,022	1,551
47	42	95 844	3 201,601	38 942,822	12,164	11,693	97	92	600	0,539	1,036	1,921	1,451
48	43	95 543	2 968,892	35 741,221	12,039	11,568	98	93	325	0,272	0,497	1,828	1,357
49	44	95 207	2 752,045	32 772,329	11,908	11,438	99	94	167	0,129	0,225	1,737	1,267
							100	95	79	0,057	0,095	1,660	1,190

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	2 552,523	30 136,158	11,806	11,336
1							51	45	94 533	2 364,572	27 583,635	11,665	11,195
2							52	46	94 094	2 189,374	25 219,063	11,519	11,049
3							53	47	93 607	2 026,087	23 029,689	11,367	10,896
4							54	48	93 063	1 873,786	21 003,602	11,209	10,739
5							55	49	92 456	1 731,696	19 129,816	11,047	10,577
6	0	99 592	64 531,677	910 621,766	14,111	13,641	56	50	91 776	1 599,022	17 398,120	10,880	10,410
7	1	99 295	59 850,480	846 090,089	14,137	13,666	57	51	91 026	1 475,316	15 799,098	10,709	10,239
8	2	99 263	55 657,073	786 239,609	14,126	13,656	58	52	90 195	1 359,855	14 323,782	10,533	10,063
9	3	99 243	51 763,275	730 582,537	14,114	13,644	59	53	89 301	1 252,444	12 963,927	10,351	9,881
10	4	99 225	48 143,219	678 819,261	14,100	13,630	60	54	88 306	1 152,077	11 711,483	10,166	9,695
11	5	99 208	44 776,932	630 676,042	14,085	13,615	61	55	87 221	1 058,537	10 559,406	9,975	9,505
12	6	99 195	41 647,252	585 899,110	14,068	13,598	62	56	86 029	971,223	9 500,869	9,782	9,312
13	7	99 179	38 735,371	544 251,858	14,051	13,580	63	57	84 730	889,825	8 529,646	9,586	9,115
14	8	99 165	36 027,839	505 516,487	14,031	13,561	64	58	83 318	813,952	7 639,822	9,386	8,916
15	9	99 145	33 507,714	469 488,648	14,011	13,541	65	59	81 798	743,348	6 825,869	9,183	8,712
16	10	99 125	31 163,465	435 980,934	13,990	13,520	66	60	80 169	677,715	6 082,521	8,975	8,505
17	11	99 096	28 981,030	404 817,469	13,968	13,498	67	61	78 418	616,664	5 404,806	8,765	8,294
18	12	99 062	26 949,836	375 836,439	13,946	13,475	68	62	76 570	560,123	4 788,142	8,548	8,078
19	13	99 018	25 058,355	348 886,603	13,923	13,453	69	63	74 607	507,685	4 228,019	8,328	7,858
20	14	98 970	23 298,849	323 828,248	13,899	13,429	70	64	72 540	459,183	3 720,334	8,102	7,632
21	15	98 920	21 662,406	300 529,399	13,873	13,403	71	65	70 382	414,438	3 261,151	7,869	7,399
22	16	98 869	20 140,594	278 866,993	13,846	13,376	72	66	68 077	372,897	2 846,712	7,634	7,164
23	17	98 815	18 725,187	258 726,399	13,817	13,347	73	67	65 707	334,806	2 473,815	7,389	6,919
24	18	98 760	17 409,202	240 001,212	13,786	13,316	74	68	63 215	299,638	2 139,009	7,139	6,668
25	19	98 699	16 184,561	222 592,010	13,753	13,283	75	69	60 619	267,286	1 839,371	6,882	6,411
26	20	98 639	15 046,282	206 407,449	13,718	13,248	76	70	57 868	237,352	1 572,086	6,623	6,153
27	21	98 580	13 988,084	191 361,166	13,680	13,210	77	71	55 002	209,857	1 334,734	6,360	5,890
28	22	98 518	13 004,111	177 373,082	13,640	13,169	78	72	52 058	184,768	1 124,877	6,088	5,618
29	23	98 456	12 089,223	164 368,972	13,596	13,126	79	73	48 986	161,736	940,109	5,813	5,342
30	24	98 392	11 238,403	152 279,749	13,550	13,080	80	74	45 784	140,616	778,372	5,535	5,065
31	25	98 324	10 447,091	141 041,346	13,501	13,030	81	75	42 443	121,261	637,757	5,259	4,789
32	26	98 248	9 710,761	130 594,255	13,448	12,978	82	76	39 002	103,657	516,495	4,983	4,512
33	27	98 171	9 026,138	120 883,494	13,393	12,922	83	77	35 492	87,745	412,839	4,705	4,235
34	28	98 081	8 388,761	111 857,356	13,334	12,864	84	78	31 905	73,376	325,094	4,431	3,960
35	29	97 989	7 796,159	103 468,594	13,272	12,801	85	79	28 257	60,451	251,718	4,164	3,694
36	30	97 891	7 244,977	95 672,435	13,205	12,735	86	80	24 595	48,947	191,266	3,908	3,437
37	31	97 777	6 731,658	88 427,458	13,136	12,666	87	81	21 007	38,890	142,319	3,660	3,189
38	32	97 648	6 253,746	81 695,800	13,063	12,593	88	82	17 557	30,235	103,430	3,421	2,951
39	33	97 516	5 809,576	75 442,054	12,986	12,516	89	83	14 277	22,871	73,195	3,200	2,730
40	34	97 369	5 396,126	69 632,478	12,904	12,434	90	84	11 261	16,780	50,324	2,999	2,529
41	35	97 211	5 011,526	64 236,352	12,818	12,347	91	85	8 609	11,934	33,544	2,811	2,341
42	36	97 025	4 652,947	59 224,827	12,728	12,258	92	86	6 374	8,220	21,610	2,629	2,159
43	37	96 842	4 320,139	54 571,879	12,632	12,162	93	87	4 525	5,428	13,390	2,467	1,997
44	38	96 638	4 010,300	50 251,740	12,531	12,060	94	88	3 078	3,435	7,963	2,318	1,848
45	39	96 417	3 721,980	46 241,440	12,424	11,954	95	89	1 993	2,068	4,528	2,189	1,719
46	40	96 173	3 453,551	42 519,461	12,312	11,842	96	90	1 231	1,189	2,460	2,069	1,599
47	41	95 914	3 203,949	39 065,909	12,193	11,723	97	91	720	0,646	1,271	1,966	1,496
48	42	95 621	2 971,289	35 861,960	12,069	11,599	98	92	400	0,335	0,625	1,867	1,397
49	43	95 293	2 754,512	32 890,670	11,941	11,470	99	93	211	0,164	0,290	1,772	1,302
							100	94	103	0,075	0,126	1,695	1,225

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	2 554,812	30 242,069	11,837	11,367
1							51	44	94 623	2 366,811	27 687,257	11,698	11,228
2							52	45	94 195	2 191,732	25 320,447	11,553	11,082
3							53	46	93 718	2 028,489	23 128,715	11,402	10,932
4							54	47	93 184	1 876,224	21 100,226	11,246	10,776
5							55	48	92 597	1 734,327	19 224,002	11,084	10,614
6							56	49	91 931	1 601,719	17 489,675	10,919	10,449
7	0	99 583	60 024,062	846 475,992	14,102	13,632	57	50	91 195	1 478,041	15 887,955	10,749	10,279
8	1	99 285	55 669,454	786 451,930	14,127	13,657	58	51	90 383	1 362,685	14 409,914	10,575	10,104
9	2	99 256	51 770,078	730 782,476	14,116	13,646	59	52	89 499	1 255,211	13 047,230	10,394	9,924
10	3	99 235	48 148,019	679 012,398	14,103	13,632	60	53	88 525	1 154,940	11 792,019	10,210	9,740
11	4	99 217	44 781,055	630 864,378	14,088	13,617	61	54	87 462	1 061,461	10 637,079	10,021	9,551
12	5	99 201	41 650,082	586 083,324	14,072	13,601	62	55	86 297	974,255	9 575,619	9,829	9,358
13	6	99 186	38 738,200	544 433,242	14,054	13,584	63	56	85 018	892,844	8 601,364	9,634	9,163
14	7	99 169	36 029,555	505 695,042	14,036	13,565	64	57	83 632	817,021	7 708,519	9,435	8,965
15	8	99 152	33 510,129	469 665,487	14,016	13,545	65	58	82 141	746,463	6 891,499	9,232	8,762
16	9	99 130	31 165,122	436 155,359	13,995	13,525	66	59	80 542	680,871	6 145,035	9,025	8,555
17	10	99 102	28 982,641	404 990,237	13,974	13,503	67	60	78 822	619,842	5 464,164	8,815	8,345
18	11	99 070	26 951,909	376 007,596	13,951	13,481	68	61	77 000	563,270	4 844,322	8,600	8,130
19	12	99 024	25 059,938	349 055,687	13,929	13,459	69	62	75 066	510,812	4 281,053	8,381	7,911
20	13	98 978	23 300,691	323 995,749	13,905	13,435	70	63	73 034	462,308	3 770,241	8,155	7,685
21	14	98 929	21 664,405	300 695,058	13,880	13,409	71	64	70 907	417,532	3 307,932	7,923	7,452
22	15	98 880	20 142,926	279 030,653	13,853	13,382	72	65	68 627	375,910	2 890,400	7,689	7,219
23	16	98 827	18 727,581	258 887,727	13,824	13,354	73	66	66 287	337,764	2 514,491	7,445	6,974
24	17	98 773	17 411,460	240 160,146	13,793	13,323	74	67	63 813	302,468	2 176,727	7,197	6,726
25	18	98 715	16 187,188	222 748,686	13,761	13,291	75	68	61 244	270,041	1 874,258	6,941	6,470
26	19	98 655	15 048,756	206 561,498	13,726	13,256	76	69	58 544	240,125	1 604,217	6,681	6,210
27	20	98 596	13 990,374	191 512,742	13,689	13,219	77	70	55 701	212,525	1 364,093	6,419	5,948
28	21	98 535	13 006,319	177 522,368	13,649	13,179	78	71	52 787	187,356	1 151,568	6,146	5,676
29	22	98 473	12 091,252	164 516,049	13,606	13,136	79	72	49 730	164,191	964,212	5,873	5,402
30	23	98 408	11 240,241	152 424,797	13,561	13,090	80	73	46 563	143,009	800,021	5,594	5,124
31	24	98 340	10 448,807	141 184,556	13,512	13,042	81	74	43 230	123,508	657,012	5,320	4,849
32	25	98 267	9 712,649	130 735,749	13,460	12,990	82	75	39 803	105,785	533,504	5,043	4,573
33	26	98 188	9 027,748	121 023,099	13,406	12,935	83	76	36 296	89,733	427,719	4,767	4,296
34	27	98 102	8 390,521	111 995,352	13,348	12,878	84	77	32 688	75,175	337,986	4,496	4,026
35	28	98 012	7 798,015	103 604,831	13,286	12,816	85	78	29 047	62,142	262,811	4,229	3,759
36	29	97 915	7 246,766	95 806,816	13,221	12,750	86	79	25 377	50,503	200,669	3,973	3,503
37	30	97 804	6 733,562	88 560,050	13,152	12,682	87	80	21 775	40,311	150,166	3,725	3,255
38	31	97 679	6 255,761	81 826,488	13,080	12,610	88	81	18 297	31,508	109,855	3,487	3,016
39	32	97 548	5 811,528	75 570,727	13,004	12,533	89	82	14 981	23,999	78,346	3,265	2,794
40	33	97 403	5 398,016	69 759,200	12,923	12,453	90	83	11 918	17,761	54,348	3,060	2,590
41	34	97 248	5 013,440	64 361,183	12,838	12,367	91	84	9 196	12,747	36,587	2,870	2,400
42	35	97 070	4 655,121	59 347,744	12,749	12,279	92	85	6 881	8,873	23,840	2,687	2,216
43	36	96 888	4 322,200	54 692,622	12,654	12,184	93	86	4 947	5,934	14,967	2,522	2,052
44	37	96 687	4 012,326	50 370,422	12,554	12,084	94	87	3 417	3,812	9,033	2,369	1,899
45	38	96 471	3 724,043	46 358,096	12,448	11,978	95	88	2 247	2,333	5,220	2,238	1,768
46	39	96 236	3 455,800	42 634,053	12,337	11,867	96	89	1 413	1,364	2,888	2,117	1,646
47	40	95 975	3 205,979	39 178,253	12,220	11,750	97	90	844	0,758	1,523	2,010	1,540
48	41	95 691	2 973,469	35 972,274	12,098	11,627	98	91	480	0,401	0,766	1,909	1,439
49	42	95 370	2 756,736	32 998,805	11,970	11,500	99	92	259	0,202	0,365	1,808	1,338
							100	93	130	0,094	0,163	1,727	1,257

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	2 556,875	30 338,807	11,866	11,395
1							51	43	94 707	2 368,932	27 781,933	11,728	11,257
2							52	44	94 284	2 193,807	25 413,000	11,584	11,114
3							53	45	93 819	2 030,673	23 219,193	11,434	10,964
4							54	46	93 295	1 878,449	21 188,520	11,280	10,810
5							55	47	92 717	1 736,584	19 310,072	11,120	10,649
6							56	48	92 070	1 604,153	17 573,488	10,955	10,485
7							57	49	91 348	1 480,534	15 969,335	10,786	10,316
8	0	99 573	55 830,910	786 806,982	14,093	13,622	58	50	90 550	1 365,202	14 488,800	10,613	10,143
9	1	99 278	51 781,595	730 976,072	14,117	13,646	59	51	89 685	1 257,823	13 123,599	10,434	9,963
10	2	99 248	48 154,347	679 194,476	14,105	13,634	60	52	88 721	1 157,491	11 865,776	10,251	9,781
11	3	99 227	44 785,520	631 040,130	14,090	13,620	61	53	87 679	1 064,098	10 708,285	10,063	9,593
12	4	99 210	41 653,916	586 254,610	14,074	13,604	62	54	86 536	976,946	9 644,187	9,872	9,401
13	5	99 193	38 740,832	544 600,694	14,058	13,587	63	55	85 283	895,632	8 667,241	9,677	9,207
14	6	99 177	36 032,186	505 859,862	14,039	13,569	64	56	83 916	819,793	7 771,609	9,480	9,010
15	7	99 157	33 511,725	469 827,676	14,020	13,550	65	57	82 450	749,278	6 951,816	9,278	8,808
16	8	99 137	31 167,368	436 315,951	13,999	13,529	66	58	80 880	683,724	6 202,538	9,072	8,601
17	9	99 107	28 984,182	405 148,583	13,978	13,508	67	59	79 189	622,728	5 518,814	8,862	8,392
18	10	99 075	26 953,408	376 164,402	13,956	13,486	68	60	77 397	566,172	4 896,086	8,648	8,177
19	11	99 032	25 061,866	349 210,994	13,934	13,464	69	61	75 488	513,682	4 329,913	8,429	7,959
20	12	98 984	23 302,164	324 149,129	13,911	13,440	70	62	73 484	465,156	3 816,232	8,204	7,734
21	13	98 937	21 666,117	300 846,965	13,886	13,415	71	63	71 390	420,373	3 351,076	7,972	7,501
22	14	98 889	20 144,784	279 180,848	13,859	13,388	72	64	69 139	378,716	2 930,702	7,739	7,268
23	15	98 839	18 729,750	259 036,064	13,830	13,360	73	65	66 823	340,493	2 551,987	7,495	7,025
24	16	98 786	17 413,686	240 306,314	13,800	13,330	74	66	64 376	305,141	2 211,494	7,247	6,777
25	17	98 728	16 189,287	222 892,628	13,768	13,298	75	67	61 823	272,592	1 906,353	6,993	6,523
26	18	98 671	15 051,199	206 703,341	13,733	13,263	76	68	59 147	242,600	1 633,761	6,734	6,264
27	19	98 612	13 992,674	191 652,142	13,697	13,226	77	69	56 351	215,007	1 391,161	6,470	6,000
28	20	98 551	13 008,448	177 659,468	13,657	13,187	78	70	53 458	189,738	1 176,154	6,199	5,729
29	21	98 490	12 093,305	164 651,020	13,615	13,145	79	71	50 426	166,491	986,417	5,925	5,454
30	22	98 424	11 242,127	152 557,714	13,570	13,100	80	72	47 270	145,179	819,926	5,648	5,177
31	23	98 356	10 450,516	141 315,587	13,522	13,052	81	73	43 965	125,610	674,747	5,372	4,901
32	24	98 283	9 714,245	130 865,071	13,471	13,001	82	74	40 541	107,745	549,136	5,097	4,626
33	25	98 207	9 029,503	121 150,826	13,417	12,947	83	75	37 041	91,575	441,391	4,820	4,350
34	26	98 119	8 392,017	112 121,323	13,360	12,890	84	76	33 428	76,878	349,816	4,550	4,080
35	27	98 033	7 799,651	103 729,306	13,299	12,829	85	77	29 760	63,666	272,938	4,287	3,817
36	28	97 938	7 248,491	95 929,655	13,234	12,764	86	78	26 087	51,916	209,272	4,031	3,561
37	29	97 828	6 735,224	88 681,164	13,167	12,696	87	79	22 467	41,592	157,356	3,783	3,313
38	30	97 707	6 257,530	81 945,940	13,096	12,625	88	80	18 965	32,660	115,764	3,545	3,074
39	31	97 580	5 813,400	75 688,410	13,020	12,549	89	81	15 612	25,009	83,104	3,323	2,853
40	32	97 436	5 399,830	69 875,010	12,940	12,470	90	82	12 506	18,637	58,094	3,117	2,647
41	33	97 283	5 015,196	64 475,180	12,856	12,386	91	83	9 733	13,492	39,458	2,925	2,454
42	34	97 107	4 656,899	59 459,984	12,768	12,298	92	84	7 350	9,478	25,966	2,740	2,269
43	35	96 933	4 324,219	54 803,085	12,674	12,203	93	85	5 340	6,406	16,488	2,574	2,104
44	36	96 733	4 014,240	50 478,865	12,575	12,105	94	86	3 735	4,168	10,082	2,419	1,949
45	37	96 519	3 725,925	46 464,625	12,471	12,000	95	87	2 494	2,589	5,914	2,284	1,814
46	38	96 289	3 457,716	42 738,701	12,360	11,890	96	88	1 593	1,539	3,325	2,161	1,691
47	39	96 038	3 208,066	39 280,985	12,244	11,774	97	89	968	0,870	1,786	2,054	1,583
48	40	95 751	2 975,353	36 072,918	12,124	11,654	98	90	563	0,470	0,916	1,949	1,479
49	41	95 440	2 758,758	33 097,566	11,997	11,527	99	91	311	0,242	0,446	1,846	1,375
							100	92	161	0,116	0,204	1,760	1,290

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	2 558,750	30 427,130	11,891	11,421
1							51	42	94 784	2 370,845	27 868,379	11,755	11,284
2							52	43	94 369	2 195,773	25 497,534	11,612	11,142
3							53	44	93 907	2 032,596	23 301,761	11,464	10,994
4							54	45	93 395	1 880,471	21 269,165	11,311	10,840
5							55	46	92 827	1 738,643	19 388,693	11,152	10,681
6							56	47	92 190	1 606,240	17 650,051	10,988	10,518
7							57	48	91 487	1 482,784	16 043,811	10,820	10,350
8							58	49	90 703	1 367,505	14 561,027	10,648	10,178
9	0	99 566	51 931,775	731 302,738	14,082	13,612	59	50	89 850	1 260,146	13 193,522	10,470	10,000
10	1	99 270	48 165,059	679 370,963	14,105	13,635	60	51	88 905	1 159,900	11 933,376	10,288	9,818
11	2	99 240	44 791,405	631 205,904	14,092	13,622	61	52	87 873	1 066,449	10 773,476	10,102	9,632
12	3	99 220	41 658,069	586 414,498	14,077	13,607	62	53	86 751	979,373	9 707,027	9,911	9,441
13	4	99 202	38 744,399	544 756,429	14,060	13,590	63	54	85 519	898,105	8 727,654	9,718	9,248
14	5	99 183	36 034,634	506 012,030	14,042	13,572	64	55	84 178	822,353	7 829,549	9,521	9,051
15	6	99 164	33 514,172	469 977,396	14,023	13,553	65	56	82 730	751,820	7 007,196	9,320	8,850
16	7	99 142	31 168,852	436 463,224	14,003	13,533	66	57	81 185	686,302	6 255,376	9,115	8,644
17	8	99 114	28 986,270	405 294,372	13,982	13,512	67	58	79 521	625,338	5 569,073	8,906	8,435
18	9	99 081	26 954,840	376 308,101	13,961	13,490	68	59	77 757	568,808	4 943,735	8,691	8,221
19	10	99 037	25 063,259	349 353,261	13,939	13,469	69	60	75 877	516,329	4 374,927	8,473	8,003
20	11	98 992	23 303,956	324 290,002	13,916	13,445	70	61	73 897	467,769	3 858,598	8,249	7,779
21	12	98 943	21 667,487	300 986,046	13,891	13,421	71	62	71 830	422,963	3 390,829	8,017	7,547
22	13	98 897	20 146,376	279 318,560	13,864	13,394	72	63	69 610	381,293	2 967,866	7,784	7,313
23	14	98 848	18 731,478	259 172,183	13,836	13,366	73	64	67 322	343,034	2 586,573	7,540	7,070
24	15	98 797	17 415,702	240 440,705	13,806	13,336	74	65	64 896	307,606	2 243,539	7,294	6,823
25	16	98 740	16 191,357	223 025,003	13,774	13,304	75	66	62 369	275,000	1 935,933	7,040	6,569
26	17	98 684	15 053,151	206 833,646	13,740	13,270	76	67	59 706	244,892	1 660,933	6,782	6,312
27	18	98 628	13 994,946	191 780,496	13,704	13,233	77	68	56 932	217,224	1 416,041	6,519	6,049
28	19	98 568	13 010,587	177 785,550	13,665	13,194	78	69	54 083	191,954	1 198,817	6,245	5,775
29	20	98 506	12 095,285	164 774,963	13,623	13,153	79	70	51 067	168,607	1 006,863	5,972	5,501
30	21	98 441	11 244,037	152 679,678	13,579	13,108	80	71	47 932	147,213	838,256	5,694	5,224
31	22	98 372	10 452,270	141 435,642	13,532	13,061	81	72	44 633	127,517	691,044	5,419	4,949
32	23	98 299	9 715,834	130 983,371	13,481	13,011	82	73	41 231	109,579	563,527	5,143	4,672
33	24	98 223	9 030,987	121 267,537	13,428	12,958	83	74	37 727	93,272	453,948	4,867	4,397
34	25	98 138	8 393,649	112 236,551	13,372	12,901	84	75	34 115	78,457	360,676	4,597	4,127
35	26	98 050	7 801,041	103 842,902	13,311	12,841	85	76	30 434	65,108	282,219	4,335	3,864
36	27	97 959	7 250,011	96 041,861	13,247	12,777	86	77	26 727	53,189	217,111	4,082	3,612
37	28	97 852	6 736,827	88 791,849	13,180	12,710	87	78	23 096	42,756	163,922	3,834	3,364
38	29	97 731	6 259,075	82 055,022	13,110	12,639	88	79	19 568	33,698	121,167	3,596	3,125
39	30	97 607	5 815,044	75 795,947	13,034	12,564	89	80	16 183	25,924	87,468	3,374	2,904
40	31	97 467	5 401,570	69 980,903	12,956	12,485	90	81	13 033	19,422	61,545	3,169	2,699
41	32	97 315	5 016,881	64 579,334	12,872	12,402	91	82	10 213	14,157	42,123	2,975	2,505
42	33	97 141	4 658,531	59 562,452	12,786	12,315	92	83	7 780	10,032	27,966	2,788	2,317
43	34	96 970	4 325,871	54 903,922	12,692	12,222	93	84	5 704	6,842	17,934	2,621	2,151
44	35	96 778	4 016,115	50 578,051	12,594	12,123	94	85	4 032	4,499	11,092	2,465	1,995
45	36	96 566	3 727,702	46 561,935	12,491	12,021	95	86	2 727	2,831	6,593	2,329	1,859
46	37	96 338	3 459,463	42 834,233	12,382	11,911	96	87	1 769	1,708	3,762	2,203	1,733
47	38	96 091	3 209,845	39 374,771	12,267	11,797	97	88	1 092	0,981	2,054	2,094	1,624
48	39	95 814	2 977,290	36 164,926	12,147	11,677	98	89	646	0,540	1,073	1,988	1,518
49	40	95 500	2 760,506	33 187,636	12,022	11,552	99	90	365	0,283	0,533	1,882	1,412
							100	91	193	0,139	0,250	1,795	1,325

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	40	95 220	2 560,371	30 507,653	11,915	11,445
1							51	41	94 853	2 372,584	27 947,282	11,779	11,309
2							52	42	94 445	2 197,547	25 574,698	11,638	11,168
3							53	43	93 992	2 034,418	23 377,151	11,491	11,021
4							54	44	93 483	1 882,252	21 342,733	11,339	10,869
5							55	45	92 927	1 740,515	19 460,482	11,181	10,711
6							56	46	92 299	1 608,145	17 719,967	11,019	10,549
7							57	47	91 606	1 484,713	16 111,822	10,852	10,382
8							58	48	90 840	1 369,583	14 627,109	10,680	10,210
9							59	49	90 002	1 262,272	13 257,527	10,503	10,033
10	0	99 558	48 304,750	679 671,514	14,070	13,600	60	50	89 070	1 162,043	11 995,255	10,323	9,852
11	1	99 262	44 801,370	631 366,764	14,093	13,622	61	51	88 056	1 068,668	10 833,212	10,137	9,667
12	2	99 233	41 663,544	586 565,394	14,079	13,608	62	52	86 942	981,537	9 764,544	9,948	9,478
13	3	99 212	38 748,262	544 901,850	14,063	13,592	63	53	85 731	900,337	8 783,007	9,755	9,285
14	4	99 192	36 037,952	506 153,588	14,045	13,575	64	54	84 411	824,624	7 882,670	9,559	9,089
15	5	99 171	33 516,449	470 115,637	14,026	13,556	65	55	82 989	754,168	7 058,046	9,359	8,888
16	6	99 149	31 171,128	436 599,188	14,007	13,536	66	56	81 460	688,631	6 303,879	9,154	8,684
17	7	99 119	28 987,651	405 428,059	13,986	13,516	67	57	79 821	627,696	5 615,248	8,946	8,476
18	8	99 088	26 956,783	376 440,408	13,965	13,494	68	58	78 083	571,192	4 987,552	8,732	8,262
19	9	99 042	25 064,591	349 483,625	13,943	13,473	69	59	76 230	518,733	4 416,360	8,514	8,043
20	10	98 997	23 305,251	324 419,034	13,920	13,450	70	60	74 277	470,180	3 897,627	8,290	7,819
21	11	98 951	21 669,153	301 113,783	13,896	13,426	71	61	72 233	425,339	3 427,447	8,058	7,588
22	12	98 903	20 147,650	279 444,629	13,870	13,400	72	62	70 038	383,642	3 002,109	7,825	7,355
23	13	98 856	18 732,958	259 296,980	13,842	13,371	73	63	67 780	345,369	2 618,467	7,582	7,111
24	14	98 806	17 417,309	240 564,021	13,812	13,341	74	64	65 381	309,902	2 273,098	7,335	6,865
25	15	98 752	16 193,232	223 146,713	13,780	13,310	75	65	62 873	277,222	1 963,196	7,082	6,611
26	16	98 697	15 055,075	206 953,481	13,746	13,276	76	66	60 233	247,055	1 685,974	6,824	6,354
27	17	98 641	13 996,760	191 898,405	13,710	13,240	77	67	57 470	219,276	1 438,919	6,562	6,092
28	18	98 584	13 012,699	177 901,645	13,671	13,201	78	68	54 640	193,933	1 219,643	6,289	5,819
29	19	98 522	12 097,274	164 888,946	13,630	13,160	79	69	51 664	170,576	1 025,710	6,013	5,543
30	20	98 457	11 245,877	152 791,673	13,586	13,116	80	70	48 541	149,084	855,134	5,736	5,266
31	21	98 389	10 454,045	141 545,795	13,540	13,070	81	71	45 258	129,303	706,050	5,460	4,990
32	22	98 316	9 717,464	131 091,750	13,490	13,020	82	72	41 856	111,242	576,747	5,185	4,714
33	23	98 239	9 032,464	121 374,286	13,438	12,967	83	73	38 369	94,860	465,505	4,907	4,437
34	24	98 154	8 395,028	112 341,822	13,382	12,912	84	74	34 747	79,910	370,646	4,638	4,168
35	25	98 069	7 802,558	103 946,794	13,322	12,852	85	75	31 059	66,445	290,735	4,376	3,905
36	26	97 976	7 251,304	96 144,236	13,259	12,789	86	76	27 332	54,394	224,290	4,123	3,653
37	27	97 872	6 738,241	88 892,932	13,192	12,722	87	77	23 662	43,804	169,896	3,879	3,408
38	28	97 754	6 260,565	82 154,691	13,123	12,652	88	78	20 116	34,641	126,092	3,640	3,170
39	29	97 632	5 816,479	75 894,126	13,048	12,578	89	79	16 697	26,748	91,451	3,419	2,949
40	30	97 495	5 403,097	70 077,647	12,970	12,500	90	80	13 509	20,131	64,704	3,214	2,744
41	31	97 347	5 018,497	64 674,550	12,887	12,417	91	81	10 643	14,753	44,572	3,021	2,551
42	32	97 174	4 660,096	59 656,052	12,801	12,331	92	82	8 163	10,527	29,819	2,833	2,362
43	33	97 004	4 327,387	54 995,956	12,709	12,239	93	83	6 037	7,242	19,293	2,664	2,194
44	34	96 815	4 017,649	50 668,570	12,611	12,141	94	84	4 307	4,806	12,050	2,507	2,037
45	35	96 611	3 729,444	46 650,921	12,509	12,039	95	85	2 944	3,056	7,245	2,371	1,900
46	36	96 384	3 461,113	42 921,477	12,401	11,931	96	86	1 934	1,867	4,189	2,243	1,773
47	37	96 139	3 211,467	39 460,364	12,287	11,817	97	87	1 212	1,089	2,322	2,132	1,662
48	38	95 867	2 978,940	36 248,897	12,168	11,698	98	88	729	0,609	1,233	2,025	1,555
49	39	95 562	2 762,303	33 269,957	12,044	11,574	99	89	419	0,325	0,624	1,917	1,447
							100	90	226	0,163	0,299	1,828	1,358

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	39	95 282	2 562,038	30 581,235	11,936	11,466
1							51	40	94 914	2 374,087	28 019,196	11,802	11,332
2							52	41	94 514	2 199,158	25 645,109	11,661	11,191
3							53	42	94 067	2 036,061	23 445,950	11,515	11,045
4							54	43	93 567	1 883,939	21 409,890	11,364	10,894
5							55	44	93 015	1 742,163	19 525,951	11,208	10,738
6							56	45	92 399	1 609,876	17 783,788	11,047	10,576
7							57	46	91 715	1 486,473	16 173,912	10,881	10,410
8							58	47	90 959	1 371,364	14 687,438	10,710	10,240
9							59	48	90 139	1 264,190	13 316,074	10,533	10,063
10							60	49	89 220	1 164,003	12 051,884	10,354	9,884
11	0	99 550	44 931,305	631 643,294	14,058	13,588	61	50	88 219	1 070,642	10 887,881	10,169	9,699
12	1	99 255	41 672,813	586 711,988	14,079	13,609	62	51	87 123	983,579	9 817,239	9,981	9,511
13	2	99 225	38 753,354	545 039,176	14,064	13,594	63	52	85 920	902,326	8 833,660	9,790	9,320
14	3	99 202	36 041,545	506 285,822	14,047	13,577	64	53	84 620	826,673	7 931,334	9,594	9,124
15	4	99 180	33 519,535	470 244,277	14,029	13,559	65	54	83 218	756,251	7 104,661	9,395	8,924
16	5	99 156	31 173,246	436 724,742	14,010	13,539	66	55	81 714	690,781	6 348,410	9,190	8,720
17	6	99 126	28 989,768	405 551,496	13,989	13,519	67	56	80 092	629,825	5 657,629	8,983	8,513
18	7	99 093	26 958,067	376 561,728	13,968	13,498	68	57	78 378	573,346	5 027,804	8,769	8,299
19	8	99 050	25 066,398	349 603,661	13,947	13,477	69	58	76 550	520,907	4 454,458	8,551	8,081
20	9	99 003	23 306,490	324 537,263	13,925	13,454	70	59	74 623	472,369	3 933,551	8,327	7,857
21	10	98 956	21 670,358	301 230,773	13,901	13,430	71	60	72 605	427,531	3 461,182	8,096	7,625
22	11	98 911	20 149,199	279 560,415	13,875	13,404	72	61	70 432	385,797	3 033,652	7,863	7,393
23	12	98 862	18 734,142	259 411,216	13,847	13,377	73	62	68 197	347,496	2 647,855	7,620	7,150
24	13	98 814	17 418,685	240 677,074	13,817	13,347	74	63	65 826	312,011	2 300,358	7,373	6,902
25	14	98 761	16 194,726	223 258,388	13,786	13,316	75	64	63 342	279,291	1 988,347	7,119	6,649
26	15	98 708	15 056,818	207 063,662	13,752	13,282	76	65	60 720	249,051	1 709,056	6,862	6,392
27	16	98 653	13 998,550	192 006,844	13,716	13,246	77	66	57 978	221,213	1 460,005	6,600	6,130
28	17	98 596	13 014,386	178 008,294	13,678	13,208	78	67	55 156	195,765	1 238,792	6,328	5,858
29	18	98 538	12 099,237	164 993,908	13,637	13,166	79	68	52 197	172,335	1 043,027	6,052	5,582
30	19	98 473	11 247,726	152 894,670	13,593	13,123	80	69	49 108	150,826	870,692	5,773	5,303
31	20	98 405	10 455,757	141 646,944	13,547	13,077	81	70	45 833	130,946	719,867	5,497	5,027
32	21	98 333	9 719,115	131 191,187	13,498	13,028	82	71	42 443	112,800	588,920	5,221	4,751
33	22	98 256	9 033,980	121 472,073	13,446	12,976	83	72	38 952	96,299	476,120	4,944	4,474
34	23	98 170	8 396,401	112 438,093	13,391	12,921	84	73	35 338	81,271	379,821	4,674	4,203
35	24	98 085	7 803,840	104 041,692	13,332	12,862	85	74	31 634	67,676	298,551	4,411	3,941
36	25	97 995	7 252,714	96 237,852	13,269	12,799	86	75	27 893	55,510	230,874	4,159	3,689
37	26	97 890	6 739,442	88 985,138	13,204	12,733	87	76	24 198	44,796	175,364	3,915	3,444
38	27	97 775	6 261,878	82 245,696	13,134	12,664	88	77	20 609	35,490	130,567	3,679	3,209
39	28	97 655	5 817,864	75 983,818	13,060	12,590	89	78	17 164	27,496	95,077	3,458	2,988
40	29	97 519	5 404,431	70 165,954	12,983	12,513	90	79	13 939	20,771	67,581	3,254	2,783
41	30	97 374	5 019,917	64 761,523	12,901	12,431	91	80	11 032	15,293	46,810	3,061	2,591
42	31	97 205	4 661,597	59 741,606	12,816	12,345	92	81	8 507	10,970	31,517	2,873	2,403
43	32	97 037	4 328,841	55 080,009	12,724	12,254	93	82	6 335	7,599	20,548	2,704	2,234
44	33	96 849	4 019,057	50 751,168	12,628	12,157	94	83	4 559	5,087	12,948	2,546	2,075
45	34	96 648	3 730,868	46 732,111	12,526	12,056	95	84	3 145	3,264	7,862	2,409	1,938
46	35	96 429	3 462,730	43 001,244	12,418	11,948	96	85	2 087	2,016	4,598	2,281	1,811
47	36	96 185	3 212,999	39 538,514	12,306	11,836	97	86	1 325	1,191	2,582	2,169	1,698
48	37	95 915	2 980,445	36 325,515	12,188	11,718	98	87	809	0,676	1,391	2,059	1,589
49	38	95 615	2 763,835	33 345,069	12,065	11,595	99	88	472	0,367	0,716	1,950	1,480
							100	89	259	0,187	0,349	1,860	1,390

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	2 563,459	30 648,356	11,956	11,486
1							51	39	94 975	2 375,633	28 084,897	11,822	11,352
2							52	40	94 574	2 200,552	25 709,264	11,683	11,213
3							53	41	94 136	2 037,554	23 508,713	11,538	11,067
4							54	42	93 643	1 885,461	21 471,159	11,388	10,917
5							55	43	93 099	1 743,724	19 585,698	11,232	10,762
6							56	44	92 486	1 611,400	17 841,974	11,072	10,602
7							57	45	91 814	1 488,074	16 230,573	10,907	10,437
8							58	46	91 066	1 372,990	14 742,499	10,738	10,267
9							59	47	90 256	1 265,835	13 369,509	10,562	10,092
10							60	48	89 356	1 165,772	12 103,674	10,383	9,912
11							61	49	88 368	1 072,448	10 937,903	10,199	9,729
12	0	99 543	41 793,675	586 966,423	14,044	13,574	62	50	87 284	985,396	9 865,454	10,012	9,541
13	1	99 247	38 761,975	545 172,748	14,065	13,594	63	51	86 099	904,204	8 880,058	9,821	9,351
14	2	99 215	36 046,282	506 410,773	14,049	13,579	64	52	84 807	828,499	7 975,855	9,627	9,157
15	3	99 190	33 522,877	470 364,492	14,031	13,561	65	53	83 425	758,130	7 147,355	9,428	8,957
16	4	99 165	31 176,116	436 841,615	14,012	13,542	66	54	81 940	692,689	6 389,226	9,224	8,754
17	5	99 133	28 991,738	405 665,499	13,992	13,522	67	55	80 342	631,792	5 696,537	9,016	8,546
18	6	99 100	26 960,035	376 673,761	13,972	13,501	68	56	78 644	575,291	5 064,745	8,804	8,334
19	7	99 054	25 067,592	349 713,725	13,951	13,481	69	57	76 838	522,871	4 489,454	8,586	8,116
20	8	99 010	23 308,170	324 646,134	13,928	13,458	70	58	74 936	474,349	3 966,583	8,362	7,892
21	9	98 962	21 671,510	301 337,964	13,905	13,435	71	59	72 943	429,521	3 492,234	8,131	7,660
22	10	98 916	20 150,319	279 666,454	13,879	13,409	72	60	70 795	387,785	3 062,713	7,898	7,428
23	11	98 869	18 735,583	259 516,135	13,852	13,381	73	61	68 581	349,448	2 674,928	7,655	7,184
24	12	98 820	17 419,786	240 780,552	13,822	13,352	74	62	66 231	313,933	2 325,480	7,408	6,937
25	13	98 769	16 196,006	223 360,765	13,791	13,321	75	63	63 773	281,192	2 011,547	7,154	6,683
26	14	98 717	15 058,208	207 164,759	13,758	13,287	76	64	61 173	250,910	1 730,355	6,896	6,426
27	15	98 665	14 000,171	192 106,551	13,722	13,251	77	65	58 446	223,000	1 479,445	6,634	6,164
28	16	98 609	13 016,050	178 106,381	13,684	13,213	78	66	55 644	197,494	1 256,445	6,362	5,892
29	17	98 551	12 100,806	165 090,331	13,643	13,173	79	67	52 690	173,963	1 058,950	6,087	5,617
30	18	98 489	11 249,552	152 989,524	13,600	13,129	80	68	49 614	152,380	884,987	5,808	5,337
31	19	98 421	10 457,475	141 739,972	13,554	13,084	81	69	46 368	132,476	732,607	5,530	5,060
32	20	98 349	9 720,706	131 282,497	13,505	13,035	82	70	42 982	114,234	600,131	5,254	4,783
33	21	98 273	9 035,514	121 561,791	13,454	12,983	83	71	39 497	97,648	485,897	4,976	4,506
34	22	98 187	8 397,810	112 526,277	13,399	12,929	84	72	35 874	82,504	388,249	4,706	4,236
35	23	98 102	7 805,117	104 128,467	13,341	12,871	85	73	32 173	68,828	305,745	4,442	3,972
36	24	98 011	7 253,905	96 323,350	13,279	12,809	86	74	28 410	56,539	236,917	4,190	3,720
37	25	97 909	6 740,752	89 069,445	13,214	12,743	87	75	24 695	45,716	180,378	3,946	3,475
38	26	97 792	6 262,994	82 328,692	13,145	12,675	88	76	21 076	36,294	134,662	3,710	3,240
39	27	97 675	5 819,084	76 065,698	13,072	12,601	89	77	17 585	28,170	98,367	3,492	3,022
40	28	97 542	5 405,718	70 246,613	12,995	12,525	90	78	14 329	21,352	70,197	3,288	2,817
41	29	97 398	5 021,156	64 840,896	12,914	12,443	91	79	11 383	15,779	48,845	3,096	2,625
42	30	97 233	4 662,916	59 819,740	12,829	12,359	92	80	8 818	11,371	33,066	2,908	2,438
43	31	97 068	4 330,235	55 156,824	12,738	12,267	93	81	6 602	7,919	21,695	2,740	2,269
44	32	96 882	4 020,407	50 826,589	12,642	12,172	94	82	4 783	5,338	13,776	2,581	2,111
45	33	96 681	3 732,175	46 806,182	12,541	12,071	95	83	3 328	3,455	8,439	2,443	1,972
46	34	96 466	3 464,052	43 074,007	12,435	11,964	96	84	2 230	2,153	4,984	2,315	1,845
47	35	96 230	3 214,500	39 609,954	12,322	11,852	97	85	1 431	1,285	2,831	2,203	1,732
48	36	95 961	2 981,867	36 395,455	12,206	11,735	98	86	884	0,739	1,546	2,092	1,622
49	37	95 663	2 765,231	33 413,587	12,083	11,613	99	87	524	0,407	0,807	1,981	1,511
							100	88	292	0,211	0,400	1,890	1,420

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	37	95 383	2 564,754	30 709,570	11,974	11,503
							51	38	95 028	2 376,950	28 144,816	11,841	11,370
							52	39	94 636	2 201,984	25 767,866	11,702	11,232
							53	40	94 196	2 038,845	23 565,882	11,558	11,088
							54	41	93 712	1 886,843	21 527,037	11,409	10,939
							55	42	93 174	1 745,133	19 640,193	11,254	10,784
							56	43	92 569	1 612,845	17 895,061	11,095	10,625
							57	44	91 901	1 489,483	16 282,216	10,931	10,461
							58	45	91 165	1 374,469	14 792,733	10,763	10,292
							59	46	90 363	1 267,335	13 418,264	10,588	10,117
							60	47	89 472	1 167,288	12 150,929	10,410	9,939
							61	48	88 502	1 074,078	10 983,641	10,226	9,756
							62	49	87 431	987,058	9 909,563	10,039	9,569
13	0	99 535	38 874,395	545 406,858	14,030	13,560	63	50	86 258	905,874	8 922,504	9,850	9,379
14	1	99 237	36 054,301	506 532,463	14,049	13,579	64	51	84 984	830,223	8 016,631	9,656	9,186
15	2	99 203	33 527,282	470 478,162	14,033	13,562	65	52	83 609	759,805	7 186,407	9,458	8,988
16	3	99 175	31 179,225	436 950,880	14,014	13,544	66	53	82 144	694,410	6 426,603	9,255	8,784
17	4	99 142	28 994,407	405 771,655	13,995	13,525	67	54	80 564	633,537	5 732,193	9,048	8,578
18	5	99 107	26 961,867	376 777,248	13,974	13,504	68	55	78 889	577,087	5 098,656	8,835	8,365
19	6	99 062	25 069,422	349 815,381	13,954	13,484	69	56	77 099	524,645	4 521,569	8,618	8,148
20	7	99 014	23 309,280	324 745,959	13,932	13,462	70	57	75 218	476,137	3 996,924	8,394	7,924
21	8	98 969	21 673,072	301 436,679	13,908	13,438	71	58	73 249	431,321	3 520,786	8,163	7,693
22	9	98 922	20 151,390	279 763,607	13,883	13,413	72	59	71 124	389,591	3 089,465	7,930	7,460
23	10	98 875	18 736,625	259 612,217	13,856	13,386	73	60	68 934	351,249	2 699,874	7,686	7,216
24	11	98 828	17 421,126	240 875,592	13,827	13,356	74	61	66 603	315,696	2 348,625	7,440	6,969
25	12	98 775	16 197,030	223 454,466	13,796	13,326	75	62	64 166	282,924	2 032,929	7,185	6,715
26	13	98 725	15 059,398	207 257,436	13,763	13,292	76	63	61 590	252,618	1 750,005	6,927	6,457
27	14	98 674	14 001,462	192 198,038	13,727	13,257	77	64	58 882	224,664	1 497,387	6,665	6,195
28	15	98 620	13 017,557	178 196,576	13,689	13,219	78	65	56 093	199,090	1 272,722	6,393	5,922
29	16	98 563	12 102,354	165 179,018	13,649	13,178	79	66	53 155	175,500	1 073,633	6,118	5,647
30	17	98 502	11 251,011	153 076,665	13,606	13,135	80	67	50 083	153,820	898,133	5,839	5,369
31	18	98 437	10 459,173	141 825,654	13,560	13,090	81	68	46 847	133,842	744,313	5,561	5,091
32	19	98 365	9 722,304	131 366,481	13,512	13,042	82	69	43 484	115,568	610,471	5,282	4,812
33	20	98 289	9 036,993	121 644,177	13,461	12,990	83	70	39 999	98,889	494,903	5,005	4,534
34	21	98 204	8 399,236	112 607,184	13,407	12,937	84	71	36 377	83,659	396,013	4,734	4,263
35	22	98 118	7 806,427	104 207,948	13,349	12,879	85	72	32 661	69,873	312,354	4,470	4,000
36	23	98 027	7 255,092	96 401,521	13,287	12,817	86	73	28 894	57,501	242,481	4,217	3,747
37	24	97 925	6 741,860	89 146,429	13,223	12,753	87	74	25 152	46,563	184,980	3,973	3,502
38	25	97 811	6 264,212	82 404,569	13,155	12,685	88	75	21 508	37,039	138,417	3,737	3,267
39	26	97 693	5 820,122	76 140,357	13,082	12,612	89	76	17 983	28,808	101,377	3,519	3,049
40	27	97 563	5 406,852	70 320,235	13,006	12,535	90	77	14 680	21,876	72,569	3,317	2,847
41	28	97 421	5 022,351	64 913,384	12,925	12,455	91	78	11 701	16,220	50,693	3,125	2,655
42	29	97 257	4 664,067	59 891,032	12,841	12,371	92	79	9 098	11,732	34,473	2,938	2,468
43	30	97 095	4 331,460	55 226,966	12,750	12,280	93	80	6 843	8,209	22,741	2,770	2,300
44	31	96 913	4 021,702	50 895,506	12,655	12,185	94	81	4 985	5,562	14,532	2,613	2,142
45	32	96 714	3 733,429	46 873,804	12,555	12,085	95	82	3 492	3,625	8,970	2,474	2,004
46	33	96 500	3 465,266	43 140,374	12,449	11,979	96	83	2 360	2,279	5,344	2,345	1,875
47	34	96 267	3 215,727	39 675,108	12,338	11,868	97	84	1 528	1,373	3,066	2,233	1,763
48	35	96 006	2 983,260	36 459,381	12,221	11,751	98	85	954	0,797	1,693	2,123	1,653
49	36	95 709	2 766,550	33 476,121	12,100	11,630	99	86	573	0,445	0,895	2,011	1,541
							100	87	325	0,235	0,450	1,918	1,448

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	2 565,977	30 765,426	11,990	11,519
1							51	37	95 076	2 378,151	28 199,448	11,858	11,387
2							52	38	94 688	2 203,205	25 821,297	11,720	11,250
3							53	39	94 257	2 040,172	23 618,092	11,577	11,106
4							54	40	93 771	1 888,039	21 577,920	11,429	10,958
5							55	41	93 242	1 746,413	19 689,881	11,274	10,804
6							56	42	92 644	1 614,147	17 943,469	11,116	10,646
7							57	43	91 983	1 490,818	16 329,321	10,953	10,483
8							58	44	91 251	1 375,770	14 838,503	10,786	10,315
9							59	45	90 460	1 268,700	13 462,733	10,611	10,141
10							60	46	89 578	1 168,672	12 194,033	10,434	9,964
11							61	47	88 617	1 075,475	11 025,361	10,252	9,781
12							62	48	87 564	988,558	9 949,886	10,065	9,595
13							63	49	86 404	907,402	8 961,327	9,876	9,406
14	0	99 525	36 158,867	506 747,876	14,014	13,544	64	50	85 141	831,757	8 053,925	9,683	9,213
15	1	99 225	33 534,741	470 589,009	14,033	13,563	65	51	83 783	761,386	7 222,168	9,486	9,015
16	2	99 188	31 183,322	437 054,268	14,016	13,545	66	52	82 325	695,944	6 460,783	9,283	8,813
17	3	99 152	28 997,298	405 870,946	13,997	13,527	67	53	80 764	635,111	5 764,839	9,077	8,607
18	4	99 116	26 964,349	376 873,648	13,977	13,506	68	54	79 107	578,681	5 129,728	8,865	8,394
19	5	99 068	25 071,125	349 909,299	13,957	13,486	69	55	77 340	526,283	4 551,046	8,648	8,177
20	6	99 022	23 310,982	324 838,173	13,935	13,465	70	56	75 474	477,753	4 024,763	8,424	7,954
21	7	98 973	21 674,104	301 527,191	13,912	13,442	71	57	73 525	432,948	3 547,011	8,193	7,722
22	8	98 929	20 152,843	279 853,087	13,887	13,416	72	58	71 422	391,223	3 114,063	7,960	7,490
23	9	98 880	18 737,621	259 700,244	13,860	13,390	73	59	69 255	352,885	2 722,840	7,716	7,246
24	10	98 833	17 422,095	240 962,623	13,831	13,361	74	60	66 947	317,323	2 369,955	7,469	6,998
25	11	98 783	16 198,275	223 540,529	13,800	13,330	75	61	64 526	284,513	2 052,632	7,215	6,744
26	12	98 731	15 060,350	207 342,253	13,767	13,297	76	62	61 969	254,174	1 768,118	6,956	6,486
27	13	98 682	14 002,569	192 281,904	13,732	13,262	77	63	59 283	226,194	1 513,944	6,693	6,223
28	14	98 629	13 018,758	178 279,335	13,694	13,224	78	64	56 512	200,576	1 287,751	6,420	5,950
29	15	98 575	12 103,755	165 260,576	13,654	13,183	79	65	53 585	176,918	1 087,175	6,145	5,675
30	16	98 515	11 252,449	153 156,821	13,611	13,141	80	66	50 525	155,179	910,257	5,866	5,396
31	17	98 450	10 460,529	141 904,372	13,566	13,095	81	67	47 289	135,106	755,078	5,589	5,119
32	18	98 381	9 723,882	131 443,843	13,518	13,047	82	68	43 933	116,760	619,972	5,310	4,840
33	19	98 305	9 038,479	121 719,960	13,467	12,997	83	69	40 466	100,044	503,213	5,030	4,560
34	20	98 220	8 400,611	112 681,482	13,413	12,943	84	70	36 839	84,723	403,168	4,759	4,288
35	21	98 135	7 807,752	104 280,870	13,356	12,886	85	71	33 118	70,851	318,445	4,495	4,024
36	22	98 044	7 256,310	96 473,118	13,295	12,825	86	72	29 332	58,374	247,594	4,242	3,771
37	23	97 941	6 742,963	89 216,809	13,231	12,761	87	73	25 581	47,356	189,220	3,996	3,525
38	24	97 827	6 265,241	82 473,846	13,164	12,693	88	74	21 907	37,726	141,864	3,760	3,290
39	25	97 712	5 821,254	76 208,604	13,091	12,621	89	75	18 352	29,400	104,138	3,542	3,072
40	26	97 580	5 407,816	70 387,351	13,016	12,546	90	76	15 013	22,371	74,739	3,341	2,871
41	27	97 442	5 023,405	64 979,535	12,935	12,465	91	77	11 988	16,618	52,367	3,151	2,681
42	28	97 280	4 665,177	59 956,130	12,852	12,382	92	78	9 353	12,060	35,749	2,964	2,494
43	29	97 119	4 332,529	55 290,953	12,762	12,292	93	79	7 061	8,470	23,689	2,797	2,327
44	30	96 940	4 022,840	50 958,424	12,667	12,197	94	80	5 167	5,766	15,219	2,640	2,169
45	31	96 745	3 734,632	46 935,585	12,568	12,097	95	81	3 639	3,778	9,453	2,502	2,032
46	32	96 532	3 466,430	43 200,953	12,463	11,992	96	82	2 476	2,391	5,676	2,374	1,903
47	33	96 301	3 216,854	39 734,522	12,352	11,882	97	83	1 618	1,453	3,285	2,261	1,790
48	34	96 042	2 984,400	36 517,668	12,236	11,766	98	84	1 019	0,852	1,832	2,150	1,680
49	35	95 754	2 767,843	33 533,269	12,115	11,645	99	85	618	0,481	0,980	2,038	1,568
							100	86	355	0,257	0,499	1,946	1,475

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	2 567,176	30 816,463	12,004	11,534
1							51	36	95 121	2 379,286	28 249,287	11,873	11,403
2							52	37	94 736	2 204,318	25 870,002	11,736	11,266
3							53	38	94 310	2 041,303	23 665,683	11,593	11,123
4							54	39	93 832	1 889,268	21 624,380	11,446	10,976
5							55	40	93 301	1 747,519	19 735,112	11,293	10,823
6							56	41	92 712	1 615,331	17 987,593	11,136	10,665
7							57	42	92 057	1 492,022	16 372,262	10,973	10,503
8							58	43	91 333	1 377,003	14 880,240	10,806	10,336
9							59	44	90 546	1 269,901	13 503,236	10,633	10,163
10							60	45	89 674	1 169,931	12 233,335	10,456	9,986
11							61	46	88 722	1 076,750	11 063,404	10,275	9,805
12							62	47	87 678	989,844	9 986,654	10,089	9,619
13							63	48	86 535	908,781	8 996,810	9,900	9,430
14							64	49	85 285	833,160	8 088,029	9,708	9,237
15	0	99 513	33 632,000	470 787,223	13,998	13,528	65	50	83 938	762,792	7 254,869	9,511	9,041
16	1	99 210	31 190,259	437 155,222	14,016	13,545	66	51	82 497	697,392	6 482,077	9,309	8,839
17	2	99 165	29 001,109	405 964,963	13,998	13,528	67	52	80 942	636,514	5 794,685	9,104	8,633
18	3	99 126	26 967,038	376 963,854	13,979	13,508	68	53	79 304	580,119	5 158,170	8,892	8,421
19	4	99 077	25 073,434	349 996,816	13,959	13,489	69	54	77 553	527,737	4 578,051	8,675	8,205
20	5	99 028	23 312,566	324 923,383	13,938	13,467	70	55	75 709	479,244	4 050,315	8,451	7,981
21	6	98 981	21 675,687	301 610,817	13,915	13,444	71	56	73 775	434,417	3 571,071	8,220	7,750
22	7	98 933	20 153,803	279 935,130	13,890	13,420	72	57	71 692	392,699	3 136,654	7,987	7,517
23	8	98 887	18 738,971	259 781,327	13,863	13,393	73	58	69 545	354,363	2 743,955	7,743	7,273
24	9	98 839	17 423,021	241 042,356	13,835	13,364	74	59	67 258	318,801	2 389,592	7,496	7,025
25	10	98 788	16 199,176	223 619,335	13,804	13,334	75	60	64 859	285,980	2 070,791	7,241	6,771
26	11	98 739	15 061,508	207 420,159	13,772	13,301	76	61	62 317	255,602	1 784,811	6,983	6,512
27	12	98 688	14 003,454	192 358,651	13,737	13,266	77	62	59 648	227,587	1 529,210	6,719	6,249
28	13	98 637	13 019,787	178 355,197	13,699	13,228	78	63	56 896	201,941	1 301,623	6,446	5,975
29	14	98 584	12 104,871	165 335,410	13,659	13,188	79	64	53 985	178,238	1 099,682	6,170	5,699
30	15	98 526	11 253,752	153 230,538	13,616	13,146	80	65	50 934	156,433	921,444	5,890	5,420
31	16	98 463	10 461,867	141 976,786	13,571	13,101	81	66	47 707	136,300	765,011	5,613	5,142
32	17	98 394	9 725,143	131 514,919	13,523	13,053	82	67	44 348	117,863	628,711	5,334	4,864
33	18	98 321	9 039,946	121 789,776	13,472	13,002	83	68	40 884	101,076	510,849	5,054	4,584
34	19	98 236	8 401,992	112 749,830	13,419	12,949	84	69	37 270	85,713	409,773	4,781	4,310
35	20	98 151	7 809,030	104 347,838	13,362	12,892	85	70	33 539	71,752	324,060	4,516	4,046
36	21	98 061	7 257,542	96 538,807	13,302	12,832	86	71	29 743	59,192	252,308	4,263	3,792
37	22	97 957	6 744,094	89 281,266	13,238	12,768	87	72	25 969	48,074	193,117	4,017	3,547
38	23	97 843	6 266,266	82 537,171	13,172	12,701	88	73	22 280	38,368	145,042	3,780	3,310
39	24	97 728	5 822,210	76 270,905	13,100	12,630	89	74	18 693	29,944	106,674	3,562	3,092
40	25	97 599	5 408,867	70 448,695	13,025	12,554	90	75	15 321	22,831	76,730	3,361	2,891
41	26	97 459	5 024,300	65 039,828	12,945	12,475	91	76	12 259	16,994	53,899	3,172	2,701
42	27	97 300	4 666,156	60 015,527	12,862	12,392	92	77	9 582	12,356	36,905	2,987	2,516
43	28	97 142	4 333,560	55 349,372	12,772	12,302	93	78	7 258	8,707	24,549	2,820	2,349
44	29	96 964	4 023,833	51 015,811	12,678	12,208	94	79	5 331	5,949	15,842	2,663	2,193
45	30	96 772	3 735,688	46 991,979	12,579	12,109	95	80	3 772	3,916	9,893	2,526	2,056
46	31	96 563	3 467,547	43 256,291	12,475	12,004	96	81	2 581	2,492	5,977	2,399	1,928
47	32	96 333	3 217,935	39 788,744	12,365	11,894	97	82	1 697	1,525	3,485	2,286	1,816
48	33	96 076	2 985,445	36 570,809	12,250	11,779	98	83	1 079	0,902	1,961	2,175	1,704
49	34	95 790	2 768,900	33 585,363	12,129	11,659	99	84	661	0,513	1,059	2,063	1,592
							100	85	383	0,277	0,546	1,970	1,500

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	2 568,157	30 862,976	12,018	11,547
1							51	35	95 166	2 380,397	28 294,819	11,887	11,416
2							52	36	94 781	2 205,370	25 914,422	11,751	11,280
3							53	37	94 357	2 042,335	23 709,052	11,609	11,139
4							54	38	93 884	1 890,316	21 666,718	11,462	10,992
5							55	39	93 362	1 748,657	19 776,402	11,309	10,839
6							56	40	92 771	1 616,355	18 027,745	11,153	10,683
7							57	41	92 125	1 493,116	16 411,391	10,991	10,521
8							58	42	91 406	1 378,115	14 918,274	10,825	10,355
9							59	43	90 627	1 271,040	13 540,159	10,653	10,183
10							60	44	89 759	1 171,038	12 269,119	10,477	10,007
11							61	45	88 818	1 077,910	11 098,081	10,296	9,826
12							62	46	87 782	991,018	10 020,171	10,111	9,641
13							63	47	86 648	909,963	9 029,153	9,923	9,452
14							64	48	85 414	834,426	8 119,190	9,730	9,260
15							65	49	84 079	764,079	7 284,764	9,534	9,064
16	0	99 497	31 280,719	437 337,612	13,981	13,511	66	50	82 649	698,681	6 520,685	9,333	8,863
17	1	99 187	29 007,560	406 056,893	13,998	13,528	67	51	81 111	637,839	5 822,005	9,128	8,657
18	2	99 139	26 970,582	377 049,333	13,980	13,510	68	52	79 479	581,401	5 184,166	8,917	8,446
19	3	99 087	25 075,934	350 078,751	13,961	13,490	69	53	77 746	529,048	4 602,765	8,700	8,230
20	4	99 037	23 314,712	325 002,817	13,940	13,470	70	54	75 918	480,568	4 073,718	8,477	8,007
21	5	98 987	21 677,160	301 688,105	13,917	13,447	71	55	74 005	435,773	3 593,150	8,245	7,775
22	6	98 941	20 155,274	280 010,945	13,893	13,422	72	56	71 935	394,031	3 157,377	8,013	7,543
23	7	98 892	18 739,864	259 855,671	13,866	13,396	73	57	69 807	355,700	2 763,346	7,769	7,298
24	8	98 846	17 424,276	241 115,807	13,838	13,368	74	58	67 540	320,137	2 407,646	7,521	7,050
25	9	98 793	16 200,037	223 691,530	13,808	13,338	75	59	65 161	287,311	2 087,509	7,266	6,795
26	10	98 744	15 062,345	207 491,493	13,776	13,305	76	60	62 638	256,919	1 800,198	7,007	6,537
27	11	98 695	14 004,531	192 429,148	13,740	13,270	77	61	59 983	228,865	1 543,279	6,743	6,273
28	12	98 643	13 020,610	178 424,617	13,703	13,233	78	62	57 247	203,185	1 314,414	6,469	5,999
29	13	98 592	12 105,828	165 404,007	13,663	13,193	79	63	54 352	179,451	1 111,229	6,192	5,722
30	14	98 535	11 254,790	153 298,178	13,621	13,150	80	64	51 314	157,600	931,778	5,912	5,442
31	15	98 474	10 463,078	142 043,388	13,576	13,105	81	65	48 092	137,401	774,177	5,634	5,164
32	16	98 406	9 726,387	131 580,310	13,528	13,058	82	66	44 739	118,904	636,777	5,355	4,885
33	17	98 333	9 041,118	121 853,923	13,478	13,007	83	67	41 270	102,031	517,873	5,076	4,605
34	18	98 252	8 403,356	112 812,805	13,425	12,954	84	68	37 654	86,596	415,842	4,802	4,332
35	19	98 167	7 810,314	104 409,449	13,368	12,898	85	69	33 931	72,590	329,246	4,536	4,065
36	20	98 077	7 258,730	96 599,134	13,308	12,838	86	70	30 121	59,944	256,656	4,282	3,811
37	21	97 974	6 745,240	89 340,405	13,245	12,775	87	71	26 333	48,748	196,712	4,035	3,565
38	22	97 860	6 267,318	82 595,165	13,179	12,708	88	72	22 618	38,950	147,964	3,799	3,329
39	23	97 744	5 823,162	76 327,847	13,108	12,637	89	73	19 011	30,454	109,014	3,580	3,109
40	24	97 615	5 409,756	70 504,685	13,033	12,563	90	74	15 605	23,254	78,560	3,378	2,908
41	25	97 478	5 025,277	65 094,929	12,953	12,483	91	75	12 511	17,343	55,306	3,189	2,719
42	26	97 318	4 666,987	60 069,651	12,871	12,401	92	76	9 799	12,636	37,962	3,004	2,534
43	27	97 163	4 334,470	55 402,664	12,782	12,312	93	77	7 436	8,920	25,326	2,839	2,369
44	28	96 987	4 024,790	51 068,194	12,688	12,218	94	78	5 480	6,115	16,406	2,683	2,213
45	29	96 796	3 736,610	47 043,404	12,590	12,120	95	79	3 892	4,040	10,291	2,547	2,077
46	30	96 591	3 468,528	43 306,794	12,486	12,015	96	80	2 675	2,583	6,251	2,420	1,950
47	31	96 364	3 218,972	39 838,266	12,376	11,906	97	81	1 769	1,589	3,668	2,308	1,838
48	32	96 108	2 986,448	36 619,294	12,262	11,792	98	82	1 132	0,946	2,079	2,197	1,727
49	33	95 824	2 769,870	33 632,846	12,142	11,672	99	83	699	0,543	1,133	2,084	1,614
							100	84	409	0,296	0,589	1,992	1,522

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	2 569,056	30 905,359	12,030	11,560
1							51	34	95 202	2 381,306	28 336,303	11,899	11,429
2							52	35	94 825	2 206,400	25 954,997	11,764	11,293
3							53	36	94 402	2 043,309	23 748,597	11,623	11,152
4							54	37	93 931	1 891,270	21 705,287	11,477	11,006
5							55	38	93 414	1 749,626	19 814,017	11,325	10,854
6							56	39	92 831	1 617,407	18 064,391	11,169	10,698
7							57	40	92 183	1 494,062	16 446,984	11,008	10,538
8							58	41	91 473	1 379,126	14 952,921	10,842	10,372
9							59	42	90 700	1 272,066	13 573,795	10,671	10,200
10							60	43	89 840	1 172,088	12 301,729	10,496	10,025
11							61	44	88 902	1 078,930	11 129,641	10,315	9,845
12							62	45	87 877	992,085	10 050,711	10,131	9,661
13							63	46	86 750	911,042	9 058,626	9,943	9,473
14							64	47	85 525	835,512	8 147,584	9,752	9,281
15							65	48	84 207	765,240	7 312,072	9,555	9,085
16							66	49	82 788	699,859	6 546,832	9,354	8,884
17	0	99 475	29 091,690	406 224,720	13,964	13,493	67	50	81 260	639,017	5 846,973	9,150	8,680
18	1	99 161	26 976,582	377 133,031	13,980	13,510	68	51	79 644	582,611	5 207,956	8,939	8,469
19	2	99 100	25 079,229	350 156,449	13,962	13,492	69	52	77 918	530,217	4 625,346	8,724	8,253
20	3	99 047	23 317,037	325 077,220	13,942	13,471	70	53	76 107	481,762	4 095,129	8,500	8,030
21	4	98 997	21 679,155	301 760,183	13,919	13,449	71	54	74 209	436,977	3 613,367	8,269	7,799
22	5	98 947	20 156,644	280 081,028	13,895	13,425	72	55	72 160	395,261	3 176,391	8,036	7,566
23	6	98 899	18 741,232	259 924,384	13,869	13,399	73	56	70 044	356,906	2 781,129	7,792	7,322
24	7	98 850	17 425,106	241 183,151	13,841	13,371	74	57	67 795	321,344	2 424,223	7,544	7,074
25	8	98 800	16 201,205	223 758,045	13,811	13,341	75	58	65 434	288,515	2 102,879	7,289	6,818
26	9	98 750	15 063,146	207 556,840	13,779	13,309	76	59	62 930	258,115	1 814,364	7,029	6,559
27	10	98 701	14 005,310	192 493,695	13,744	13,274	77	60	60 293	230,045	1 556,249	6,765	6,295
28	11	98 651	13 021,612	178 488,385	13,707	13,237	78	61	57 568	204,326	1 326,204	6,491	6,020
29	12	98 598	12 106,593	165 466,773	13,667	13,197	79	62	54 687	180,557	1 121,878	6,213	5,743
30	13	98 543	11 255,680	153 360,180	13,625	13,155	80	63	51 663	158,673	941,321	5,932	5,462
31	14	98 483	10 464,043	142 104,500	13,580	13,110	81	64	48 451	138,426	782,648	5,654	5,184
32	15	98 418	9 727,513	131 640,456	13,533	13,063	82	65	45 101	119,865	644,222	5,375	4,904
33	16	98 346	9 042,274	121 912,943	13,483	13,012	83	66	41 634	102,932	524,357	5,094	4,624
34	17	98 265	8 404,446	112 870,669	13,430	12,960	84	67	38 010	87,414	421,425	4,821	4,351
35	18	98 183	7 811,582	104 466,223	13,373	12,903	85	68	34 281	73,339	334,011	4,554	4,084
36	19	98 093	7 259,923	96 654,641	13,313	12,843	86	69	30 473	60,644	260,672	4,298	3,828
37	20	97 990	6 746,344	89 394,718	13,251	12,781	87	70	26 667	49,368	200,028	4,052	3,582
38	21	97 876	6 268,382	82 648,374	13,185	12,715	88	71	22 935	39,496	150,660	3,815	3,344
39	22	97 760	5 824,140	76 379,992	13,114	12,644	89	72	19 299	30,916	111,165	3,596	3,125
40	23	97 631	5 410,641	70 555,852	13,040	12,570	90	73	15 870	23,650	80,249	3,393	2,923
41	24	97 494	5 026,103	65 145,211	12,961	12,491	91	74	12 743	17,665	56,599	3,204	2,734
42	25	97 337	4 667,895	60 119,108	12,879	12,409	92	75	10 000	12,896	38,934	3,019	2,549
43	26	97 180	4 335,242	55 451,213	12,791	12,321	93	76	7 605	9,122	26,039	2,854	2,384
44	27	97 008	4 025,635	51 115,971	12,698	12,227	94	77	5 615	6,265	16,917	2,700	2,230
45	28	96 819	3 737,500	47 090,336	12,599	12,129	95	78	4 001	4,153	10,651	2,565	2,094
46	29	96 614	3 469,384	43 352,837	12,496	12,026	96	79	2 760	2,665	6,498	2,438	1,968
47	30	96 391	3 219,882	39 883,453	12,387	11,916	97	80	1 834	1,647	3,833	2,327	1,857
48	31	96 139	2 987,410	36 663,570	12,273	11,802	98	81	1 180	0,986	2,186	2,217	1,747
49	32	95 856	2 770,801	33 676,160	12,154	11,684	99	82	734	0,570	1,200	2,105	1,634
							100	83	433	0,313	0,630	2,012	1,542

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	2 569,920	30 944,013	12,041	11,571
1							51	33	95 236	2 382,140	28 374,094	11,911	11,441
2							52	34	94 862	2 207,243	25 991,953	11,776	11,305
3							53	35	94 446	2 044,264	23 784,710	11,635	11,165
4							54	36	93 976	1 892,173	21 740,447	11,490	11,019
5							55	37	93 461	1 750,510	19 848,274	11,339	10,868
6							56	38	92 883	1 618,304	18 097,764	11,183	10,713
7							57	39	92 243	1 495,035	16 479,460	11,023	10,553
8							58	40	91 531	1 380,000	14 984,425	10,858	10,388
9							59	41	90 767	1 272,999	13 604,425	10,687	10,217
10							60	42	89 912	1 173,035	12 331,426	10,512	10,042
11							61	43	88 981	1 079,897	11 158,391	10,333	9,863
12							62	44	87 960	993,024	10 078,494	10,149	9,679
13							63	45	86 844	912,023	9 085,470	9,962	9,492
14							64	46	85 627	836,502	8 173,447	9,771	9,301
15							65	47	84 316	766,235	7 336,944	9,575	9,105
16							66	48	82 914	700,923	6 570,709	9,374	8,904
17							67	49	81 398	640,095	5 869,787	9,170	8,700
18	0	99 448	27 054,821	377 287,461	13,945	13,475	68	50	79 791	583,687	5 229,692	8,960	8,489
19	1	99 122	25 084,808	350 232,640	13,962	13,492	69	51	78 080	531,320	4 646,005	8,744	8,274
20	2	99 060	23 320,101	325 147,831	13,943	13,473	70	52	76 275	482,826	4 114,685	8,522	8,052
21	3	99 006	21 681,317	301 827,730	13,921	13,451	71	53	74 394	438,062	3 631,859	8,291	7,820
22	4	98 957	20 158,499	280 146,413	13,897	13,427	72	54	72 359	396,353	3 193,796	8,058	7,588
23	5	98 906	18 742,506	259 987,914	13,872	13,401	73	55	70 263	358,021	2 797,443	7,814	7,343
24	6	98 858	17 426,379	241 245,408	13,844	13,373	74	56	68 025	322,434	2 439,423	7,566	7,095
25	7	98 805	16 201,976	223 819,029	13,814	13,344	75	57	65 681	289,603	2 116,988	7,310	6,840
26	8	98 757	15 064,232	207 617,053	13,782	13,312	76	58	63 194	259,197	1 827,385	7,050	6,580
27	9	98 706	14 006,054	192 552,821	13,748	13,278	77	59	60 573	231,116	1 568,188	6,785	6,315
28	10	98 657	13 022,336	178 546,767	13,711	13,241	78	60	57 865	205,379	1 337,072	6,510	6,040
29	11	98 605	12 107,525	165 524,432	13,671	13,201	79	61	54 994	181,571	1 131,693	6,233	5,763
30	12	98 549	11 256,391	153 416,907	13,629	13,159	80	62	51 981	159,650	950,122	5,951	5,481
31	13	98 491	10 464,871	142 160,516	13,585	13,114	81	63	48 781	139,369	790,472	5,672	5,202
32	14	98 427	9 728,410	131 695,645	13,537	13,067	82	64	45 437	120,759	651,103	5,392	4,921
33	15	98 357	9 043,321	121 967,235	13,487	13,017	83	65	41 971	103,764	530,344	5,111	4,641
34	16	98 277	8 405,521	112 923,914	13,434	12,964	84	66	38 345	88,187	426,581	4,837	4,367
35	17	98 195	7 812,595	104 518,393	13,378	12,908	85	67	34 605	74,031	338,394	4,571	4,101
36	18	98 109	7 261,102	96 705,798	13,318	12,848	86	68	30 787	61,269	264,363	4,315	3,844
37	19	98 006	6 747,453	89 444,696	13,256	12,786	87	69	26 979	49,944	203,093	4,066	3,596
38	20	97 892	6 269,408	82 697,243	13,191	12,720	88	70	23 226	39,998	153,149	3,829	3,359
39	21	97 777	5 825,129	76 427,835	13,120	12,650	89	71	19 570	31,349	113,151	3,609	3,139
40	22	97 647	5 411,549	70 602,706	13,047	12,576	90	72	16 111	24,009	81,802	3,407	2,937
41	23	97 510	5 026,925	65 191,157	12,968	12,498	91	73	12 960	17,965	57,794	3,217	2,747
42	24	97 353	4 668,662	60 164,232	12,887	12,417	92	74	10 186	13,134	39,828	3,032	2,562
43	25	97 199	4 336,085	55 495,570	12,799	12,328	93	75	7 761	9,310	26,694	2,867	2,397
44	26	97 025	4 026,353	51 159,485	12,706	12,236	94	76	5 742	6,407	17,384	2,713	2,243
45	27	96 840	3 738,284	47 133,132	12,608	12,138	95	77	4 099	4,255	10,977	2,580	2,109
46	28	96 637	3 470,210	43 394,849	12,505	12,035	96	78	2 837	2,740	6,722	2,454	1,983
47	29	96 415	3 220,677	39 924,639	12,396	11,926	97	79	1 892	1,699	3,982	2,344	1,873
48	30	96 167	2 988,255	36 703,962	12,283	11,812	98	80	1 223	1,022	2,283	2,234	1,764
49	31	95 887	2 771,693	33 715,706	12,164	11,694	99	81	765	0,594	1,261	2,122	1,652
							100	82	454	0,329	0,667	2,030	1,560

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	2 570,747	30 979,298	12,051	11,580
1							51	32	95 268	2 382,941	28 408,551	11,922	11,451
2							52	33	94 895	2 208,016	26 025,610	11,787	11,317
3							53	34	94 482	2 045,044	23 817,594	11,646	11,176
4							54	35	94 020	1 893,057	21 772,549	11,501	11,031
5							55	36	93 506	1 751,345	19 879,493	11,351	10,881
6							56	37	92 929	1 619,121	18 128,147	11,196	10,726
7							57	38	92 294	1 495,864	16 509,026	11,036	10,566
8							58	39	91 591	1 380,898	15 013,162	10,872	10,402
9							59	40	90 824	1 273,806	13 632,264	10,702	10,232
10							60	41	89 978	1 173,895	12 358,458	10,528	10,057
11							61	42	89 053	1 080,769	11 184,563	10,349	9,878
12							62	43	88 039	993,915	10 103,794	10,166	9,695
13							63	44	86 926	912,887	9 109,879	9,979	9,509
14							64	45	85 719	837,403	8 196,993	9,789	9,318
15							65	46	84 416	767,144	7 359,590	9,593	9,123
16							66	47	83 022	701,835	6 592,446	9,393	8,923
17							67	48	81 521	641,067	5 890,611	9,189	8,718
18							68	49	79 926	584,671	5 249,544	8,979	8,508
19	0	99 410	25 157,561	350 374,737	13,927	13,457	69	50	78 224	532,301	4 664,873	8,764	8,293
20	1	99 082	23 325,289	325 217,177	13,943	13,472	70	51	76 434	483,831	4 132,571	8,541	8,071
21	2	99 019	21 684,166	301 891,887	13,922	13,452	71	52	74 558	439,030	3 648,740	8,311	7,841
22	3	98 966	20 160,509	280 207,721	13,899	13,429	72	53	72 539	397,338	3 209,710	8,078	7,608
23	4	98 915	18 744,231	260 047,212	13,873	13,403	73	54	70 457	359,010	2 812,372	7,834	7,363
24	5	98 864	17 427,563	241 302,981	13,846	13,376	74	55	68 237	323,441	2 453,363	7,585	7,115
25	6	98 812	16 203,159	223 875,418	13,817	13,346	75	56	65 904	290,586	2 129,922	7,330	6,859
26	7	98 762	15 064,949	207 672,258	13,785	13,315	76	57	63 432	260,174	1 839,336	7,070	6,599
27	8	98 713	14 007,064	192 607,309	13,751	13,280	77	58	60 827	232,084	1 579,162	6,804	6,334
28	9	98 662	13 023,028	178 600,246	13,714	13,244	78	59	58 135	206,335	1 347,077	6,529	6,058
29	10	98 611	12 108,198	165 577,218	13,675	13,205	79	60	55 277	182,507	1 140,742	6,250	5,780
30	11	98 557	11 257,257	153 469,020	13,633	13,163	80	61	52 273	160,547	958,235	5,969	5,498
31	12	98 497	10 465,532	142 211,763	13,589	13,118	81	62	49 081	140,227	797,688	5,689	5,218
32	13	98 434	9 729,179	131 746,231	13,541	13,071	82	63	45 747	121,581	657,461	5,408	4,937
33	14	98 367	9 044,155	122 017,052	13,491	13,021	83	64	42 284	104,538	535,880	5,126	4,656
34	15	98 288	8 406,494	112 972,896	13,439	12,968	84	65	38 655	88,899	431,342	4,852	4,382
35	16	98 208	7 813,594	104 566,403	13,383	12,912	85	66	34 910	74,685	342,443	4,585	4,115
36	17	98 121	7 262,043	96 752,809	13,323	12,853	86	67	31 078	61,848	267,758	4,329	3,859
37	18	98 022	6 748,548	89 490,765	13,261	12,790	87	68	27 257	50,459	205,909	4,081	3,610
38	19	97 908	6 270,439	82 742,217	13,196	12,725	88	69	23 498	40,465	155,450	3,842	3,371
39	20	97 793	5 826,082	76 471,778	13,126	12,655	89	70	19 818	31,748	114,985	3,622	3,152
40	21	97 664	5 412,468	70 645,695	13,052	12,582	90	71	16 337	24,345	83,238	3,419	2,949
41	22	97 526	5 027,769	65 233,228	12,975	12,504	91	72	13 157	18,238	58,893	3,229	2,759
42	23	97 369	4 669,426	60 205,459	12,894	12,423	92	73	10 359	13,358	40,655	3,043	2,573
43	24	97 215	4 336,798	55 536,033	12,806	12,335	93	74	7 905	9,482	27,297	2,879	2,409
44	25	97 044	4 027,135	51 199,236	12,714	12,243	94	75	5 860	6,539	17,815	2,724	2,254
45	26	96 857	3 738,950	47 172,100	12,616	12,146	95	76	4 192	4,352	11,276	2,591	2,121
46	27	96 658	3 470,938	43 433,150	12,513	12,043	96	77	2 907	2,807	6,924	2,467	1,997
47	28	96 438	3 221,444	39 962,212	12,405	11,935	97	78	1 945	1,747	4,118	2,357	1,887
48	29	96 190	2 988,993	36 740,769	12,292	11,822	98	79	1 262	1,054	2,371	2,248	1,778
49	30	95 914	2 772,477	33 751,775	12,174	11,704	99	80	793	0,616	1,316	2,137	1,667
							100	81	474	0,342	0,700	2,046	1,576

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	2 571,475	31 011,473	12,060	11,590
1							51	31	95 298	2 383,708	28 439,999	11,931	11,461
2							52	32	94 927	2 208,758	26 056,290	11,797	11,327
3							53	33	94 516	2 045,761	23 847,532	11,657	11,187
4							54	34	94 056	1 893,780	21 801,771	11,512	11,042
5							55	35	93 549	1 752,163	19 907,991	11,362	10,892
6							56	36	92 974	1 619,894	18 155,828	11,208	10,738
7							57	37	92 341	1 496,620	16 535,934	11,049	10,579
8							58	38	91 642	1 381,664	15 039,315	10,885	10,415
9							59	39	90 884	1 274,635	13 657,651	10,715	10,245
10							60	40	90 035	1 174,639	12 383,016	10,542	10,072
11							61	41	89 118	1 081,562	11 208,377	10,363	9,893
12							62	42	88 110	994,717	10 126,815	10,181	9,710
13							63	43	87 004	913,705	9 132,098	9,995	9,524
14							64	44	85 800	838,196	8 218,393	9,805	9,335
15							65	45	84 507	767,970	7 380,197	9,610	9,140
16							66	46	83 120	702,667	6 612,227	9,410	8,940
17							67	47	81 627	641,901	5 909,561	9,206	8,736
18							68	48	80 047	585,560	5 267,659	8,996	8,526
19							69	49	78 356	533,199	4 682,099	8,781	8,311
20	0	99 370	23 392,939	325 347,931	13,908	13,438	70	50	76 575	484,725	4 148,900	8,559	8,089
21	1	99 041	21 688,990	301 954,992	13,922	13,452	71	51	74 713	439,944	3 664,175	8,329	7,858
22	2	98 979	20 163,159	280 266,002	13,900	13,430	72	52	72 699	398,216	3 224,232	8,097	7,626
23	3	98 925	18 746,100	260 102,843	13,875	13,405	73	53	70 632	359,902	2 826,016	7,852	7,382
24	4	98 873	17 429,167	241 356,743	13,848	13,378	74	54	68 426	324,334	2 466,114	7,604	7,133
25	5	98 819	16 204,260	223 927,575	13,819	13,349	75	55	66 109	291,493	2 141,780	7,348	6,877
26	6	98 769	15 066,049	207 723,315	13,788	13,317	76	56	63 647	261,057	1 850,287	7,088	6,617
27	7	98 718	14 007,731	192 657,266	13,754	13,283	77	57	61 057	232,960	1 589,230	6,822	6,352
28	8	98 669	13 023,966	178 649,535	13,717	13,247	78	58	58 378	207,200	1 356,271	6,546	6,075
29	9	98 616	12 108,841	165 625,569	13,678	13,208	79	59	55 535	183,356	1 149,070	6,267	5,797
30	10	98 562	11 257,883	153 516,728	13,636	13,166	80	60	52 543	161,374	965,714	5,984	5,514
31	11	98 505	10 466,337	142 258,844	13,592	13,122	81	61	49 357	141,015	804,340	5,704	5,234
32	12	98 441	9 729,794	131 792,508	13,545	13,075	82	62	46 029	122,330	663,325	5,422	4,952
33	13	98 374	9 044,870	122 062,713	13,495	13,025	83	63	42 572	105,250	540,995	5,140	4,670
34	14	98 298	8 407,269	113 017,843	13,443	12,973	84	64	38 944	89,562	435,745	4,865	4,395
35	15	98 219	7 814,499	104 610,574	13,387	12,916	85	65	35 192	75,289	346,183	4,598	4,128
36	16	98 134	7 262,972	96 796,075	13,327	12,857	86	66	31 353	62,395	270,894	4,342	3,871
37	17	98 035	6 749,423	89 533,103	13,265	12,795	87	67	27 514	50,936	208,499	4,093	3,623
38	18	97 924	6 271,457	82 783,680	13,200	12,730	88	68	23 740	40,882	157,564	3,854	3,384
39	19	97 809	5 827,040	76 512,223	13,131	12,660	89	69	20 050	32,119	116,681	3,633	3,163
40	20	97 680	5 413,354	70 685,182	13,058	12,587	90	70	16 545	24,654	84,563	3,430	2,960
41	21	97 543	5 028,623	65 271,829	12,980	12,510	91	71	13 341	18,493	59,909	3,239	2,769
42	22	97 385	4 670,209	60 243,206	12,899	12,429	92	72	10 516	13,561	41,415	3,054	2,584
43	23	97 231	4 337,507	55 572,997	12,812	12,342	93	73	8 039	9,643	27,854	2,888	2,418
44	24	97 060	4 027,797	51 235,490	12,720	12,250	94	74	5 969	6,660	18,211	2,734	2,264
45	25	96 876	3 739,677	47 207,693	12,623	12,153	95	75	4 278	4,441	11,551	2,601	2,131
46	26	96 675	3 471,557	43 468,016	12,521	12,051	96	76	2 973	2,870	7,110	2,477	2,007
47	27	96 458	3 222,119	39 996,459	12,413	11,943	97	77	1 992	1,790	4,240	2,369	1,899
48	28	96 213	2 989,705	36 774,339	12,300	11,830	98	78	1 297	1,084	2,450	2,261	1,790
49	29	95 938	2 773,162	33 784,635	12,183	11,712	99	79	818	0,636	1,366	2,150	1,679
							100	80	491	0,355	0,731	2,059	1,589

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	2 572,109	31 040,778	12,068	11,598
1							51	30	95 325	2 384,383	28 468,669	11,940	11,469
2							52	31	94 957	2 209,470	26 084,286	11,806	11,335
3							53	32	94 547	2 046,448	23 874,816	11,666	11,196
4							54	33	94 089	1 894,443	21 828,368	11,522	11,052
5							55	34	93 585	1 752,833	19 933,925	11,372	10,902
6							56	35	93 017	1 620,650	18 181,092	11,218	10,748
7							57	36	92 385	1 497,334	16 560,442	11,060	10,590
8							58	37	91 688	1 382,362	15 063,108	10,897	10,426
9							59	38	90 934	1 275,342	13 680,746	10,727	10,257
10							60	39	90 094	1 175,403	12 405,404	10,554	10,084
11							61	40	89 175	1 082,247	11 230,001	10,377	9,906
12							62	41	88 174	995,447	10 147,754	10,194	9,724
13							63	42	87 074	914,443	9 152,307	10,009	9,538
14							64	43	85 877	838,947	8 237,864	9,819	9,349
15							65	44	84 587	768,697	7 398,917	9,625	9,155
16							66	45	83 210	703,423	6 630,220	9,426	8,955
17							67	46	81 724	642,663	5 926,797	9,222	8,752
18							68	47	80 151	586,322	5 284,134	9,012	8,542
19							69	48	78 475	534,010	4 697,813	8,797	8,327
20							70	49	76 704	485,542	4 163,803	8,576	8,105
21	0	99 329	21 751,894	302 075,312	13,887	13,417	71	50	74 851	440,756	3 678,261	8,345	7,875
22	1	99 001	20 167,645	280 323,418	13,900	13,429	72	51	72 850	399,044	3 237,504	8,113	7,643
23	2	98 938	18 748,564	260 155,773	13,876	13,406	73	52	70 788	360,697	2 838,460	7,869	7,399
24	3	98 883	17 430,905	241 407,210	13,849	13,379	74	53	68 596	325,140	2 477,763	7,621	7,150
25	4	98 828	16 205,752	223 976,305	13,821	13,351	75	54	66 292	292,298	2 152,623	7,364	6,894
26	5	98 775	15 067,073	207 770,552	13,790	13,319	76	55	63 846	261,872	1 860,325	7,104	6,634
27	6	98 725	14 008,754	192 703,480	13,756	13,286	77	56	61 264	233,750	1 598,453	6,838	6,368
28	7	98 674	13 024,587	178 694,726	13,720	13,250	78	57	58 598	207,981	1 364,703	6,562	6,091
29	8	98 623	12 109,714	165 670,139	13,681	13,210	79	58	55 767	184,125	1 156,721	6,282	5,812
30	9	98 568	11 258,481	153 560,425	13,640	13,169	80	59	52 787	162,126	972,597	5,999	5,529
31	10	98 510	10 466,919	142 301,944	13,595	13,125	81	60	49 612	141,741	810,471	5,718	5,248
32	11	98 448	9 730,542	131 835,025	13,549	13,078	82	61	46 287	123,017	668,729	5,436	4,966
33	12	98 381	9 045,442	122 104,483	13,499	13,029	83	62	42 834	105,898	545,712	5,153	4,683
34	13	98 305	8 407,934	113 059,041	13,447	12,976	84	63	39 209	90,172	439,814	4,878	4,407
35	14	98 228	7 815,220	104 651,107	13,391	12,920	85	64	35 455	75,851	349,642	4,610	4,139
36	15	98 145	7 263,813	96 835,887	13,331	12,861	86	65	31 606	62,899	273,792	4,353	3,883
37	16	98 047	6 750,286	89 572,074	13,269	12,799	87	66	27 757	51,386	210,893	4,104	3,634
38	17	97 937	6 272,270	82 821,788	13,204	12,734	88	67	23 964	41,268	159,507	3,865	3,395
39	18	97 825	5 827,986	76 549,517	13,135	12,665	89	68	20 256	32,450	118,239	3,644	3,173
40	19	97 696	5 414,244	70 721,531	13,062	12,592	90	69	16 738	24,942	85,789	3,440	2,969
41	20	97 559	5 029,446	65 307,288	12,985	12,515	91	70	13 510	18,728	60,847	3,249	2,779
42	21	97 401	4 671,002	60 277,842	12,905	12,434	92	71	10 664	13,751	42,118	3,063	2,593
43	22	97 247	4 338,235	55 606,839	12,818	12,348	93	72	8 161	9,790	28,368	2,898	2,427
44	23	97 076	4 028,456	51 268,605	12,727	12,256	94	73	6 070	6,773	18,578	2,743	2,273
45	24	96 892	3 740,292	47 240,149	12,630	12,160	95	74	4 358	4,523	11,805	2,610	2,140
46	25	96 694	3 472,232	43 499,857	12,528	12,058	96	75	3 034	2,929	7,281	2,486	2,015
47	26	96 475	3 222,694	40 027,625	12,421	11,950	97	76	2 038	1,830	4,352	2,378	1,908
48	27	96 233	2 990,332	36 804,931	12,308	11,838	98	77	1 329	1,111	2,522	2,271	1,801
49	28	95 961	2 773,822	33 814,600	12,191	11,720	99	78	841	0,653	1,411	2,160	1,690
							100	79	506	0,366	0,758	2,071	1,600

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	28	95 679	2 572,722	31 067,496	12,076	11,605
1							51	29	95 349	2 384,971	28 494,774	11,948	11,477
2							52	30	94 984	2 210,095	26 109,803	11,814	11,344
3							53	31	94 578	2 047,108	23 899,708	11,675	11,205
4							54	32	94 121	1 895,080	21 852,601	11,531	11,061
5							55	33	93 618	1 753,447	19 957,521	11,382	10,912
6							56	34	93 053	1 621,269	18 204,074	11,228	10,758
7							57	35	92 428	1 498,033	16 582,805	11,070	10,599
8							58	36	91 732	1 383,022	15 084,772	10,907	10,437
9							59	37	90 980	1 275,986	13 701,750	10,738	10,268
10							60	38	90 144	1 176,055	12 425,764	10,566	10,095
11							61	39	89 233	1 082,952	11 249,709	10,388	9,918
12							62	40	88 230	996,077	10 166,757	10,207	9,737
13							63	41	87 138	915,113	9 170,680	10,021	9,551
14							64	42	85 946	839,625	8 255,566	9,832	9,362
15							65	43	84 663	769,386	7 415,942	9,639	9,168
16							66	44	83 289	704,089	6 646,556	9,440	8,970
17							67	45	81 812	643,355	5 942,466	9,237	8,766
18							68	46	80 246	587,017	5 299,112	9,027	8,557
19							69	47	78 577	534,704	4 712,095	8,813	8,342
20							70	48	76 821	486,280	4 177,391	8,591	8,120
21							71	49	74 978	441,500	3 691,110	8,360	7,890
22	0	99 289	20 226,136	280 434,142	13,865	13,395	72	50	72 985	399,781	3 249,611	8,128	7,658
23	1	98 960	18 752,735	260 208,006	13,876	13,405	73	51	70 935	361,447	2 849,829	7,884	7,414
24	2	98 896	17 433,196	241 455,271	13,850	13,380	74	52	68 747	325,858	2 488,382	7,636	7,166
25	3	98 838	16 207,368	224 022,075	13,822	13,352	75	53	66 457	293,024	2 162,523	7,380	6,910
26	4	98 785	15 068,460	207 814,707	13,791	13,321	76	54	64 022	262,595	1 869,499	7,119	6,649
27	5	98 732	14 009,705	192 746,247	13,758	13,288	77	55	61 455	234,480	1 606,904	6,853	6,383
28	6	98 681	13 025,538	178 736,542	13,722	13,252	78	56	58 797	208,687	1 372,424	6,576	6,106
29	7	98 628	12 110,291	165 711,004	13,683	13,213	79	57	55 978	184,819	1 163,737	6,297	5,826
30	8	98 575	11 259,293	153 600,713	13,642	13,172	80	58	53 008	162,805	978,918	6,013	5,543
31	9	98 515	10 467,475	142 341,420	13,598	13,128	81	59	49 843	142,401	816,112	5,731	5,261
32	10	98 454	9 731,083	131 873,945	13,552	13,082	82	60	46 526	123,651	673,711	5,448	4,978
33	11	98 388	9 046,138	122 142,862	13,502	13,032	83	61	43 075	106,493	550,060	5,165	4,695
34	12	98 312	8 408,465	113 096,724	13,450	12,980	84	62	39 450	90,727	443,567	4,889	4,419
35	13	98 236	7 815,837	104 688,259	13,394	12,924	85	63	35 696	76,367	352,840	4,620	4,150
36	14	98 154	7 264,483	96 872,421	13,335	12,865	86	64	31 842	63,368	276,473	4,363	3,893
37	15	98 059	6 751,068	89 607,938	13,273	12,803	87	65	27 982	51,801	213,105	4,114	3,644
38	16	97 949	6 273,072	82 856,870	13,208	12,738	88	66	24 176	41,633	161,304	3,874	3,404
39	17	97 837	5 828,742	76 583,798	13,139	12,669	89	67	20 448	32,756	119,671	3,653	3,183
40	18	97 712	5 415,123	70 755,056	13,066	12,596	90	68	16 910	25,199	86,914	3,449	2,979
41	19	97 575	5 030,273	65 339,934	12,989	12,519	91	69	13 668	18,947	61,715	3,257	2,787
42	20	97 417	4 671,767	60 309,661	12,909	12,439	92	70	10 799	13,926	42,768	3,071	2,601
43	21	97 264	4 338,972	55 637,894	12,823	12,353	93	71	8 276	9,927	28,842	2,905	2,435
44	22	97 092	4 029,132	51 298,922	12,732	12,262	94	72	6 162	6,876	18,915	2,751	2,281
45	23	96 908	3 740,904	47 269,790	12,636	12,166	95	73	4 432	4,600	12,039	2,617	2,147
46	24	96 710	3 472,802	43 528,887	12,534	12,064	96	74	3 090	2,984	7,439	2,493	2,023
47	25	96 494	3 223,320	40 056,085	12,427	11,957	97	75	2 079	1,868	4,456	2,386	1,915
48	26	96 251	2 990,865	36 832,764	12,315	11,845	98	76	1 359	1,136	2,588	2,279	1,809
49	27	95 981	2 774,404	33 841,899	12,198	11,728	99	77	861	0,669	1,452	2,170	1,699
							100	78	521	0,376	0,783	2,080	1,610

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	2 573,261	31 091,832	12,083	11,612
1							51	28	95 371	2 385,539	28 518,570	11,955	11,484
2							52	29	95 008	2 210,640	26 133,031	11,821	11,351
3							53	30	94 605	2 047,687	23 922,391	11,683	11,212
4							54	31	94 151	1 895,690	21 874,705	11,539	11,069
5							55	32	93 649	1 754,036	19 979,015	11,390	10,920
6							56	33	93 085	1 621,837	18 224,979	11,237	10,767
7							57	34	92 463	1 498,605	16 603,141	11,079	10,609
8							58	35	91 775	1 383,668	15 104,536	10,916	10,446
9							59	36	91 023	1 276,595	13 720,868	10,748	10,278
10							60	37	90 189	1 176,649	12 444,274	10,576	10,106
11							61	38	89 282	1 083,552	11 267,625	10,399	9,929
12							62	39	88 288	996,726	10 184,072	10,218	9,747
13							63	40	87 193	915,693	9 187,346	10,033	9,563
14							64	41	86 009	840,240	8 271,653	9,844	9,374
15							65	42	84 732	770,007	7 431,413	9,651	9,181
16							66	43	83 363	704,720	6 661,405	9,453	8,982
17							67	44	81 890	643,964	5 956,685	9,250	8,780
18							68	45	80 333	587,649	5 312,721	9,041	8,570
19							69	46	78 671	535,338	4 725,072	8,826	8,356
20							70	47	76 921	486,913	4 189,734	8,605	8,134
21							71	48	75 092	442,171	3 702,821	8,374	7,904
22							72	49	73 108	400,456	3 260,650	8,142	7,672
23	0	99 247	18 807,122	260 309,903	13,841	13,371	73	50	71 066	362,115	2 860,195	7,899	7,428
24	1	98 918	17 437,074	241 502,780	13,850	13,380	74	51	68 890	326,537	2 498,080	7,650	7,180
25	2	98 851	16 209,498	224 065,706	13,823	13,353	75	52	66 603	293,672	2 171,543	7,394	6,924
26	3	98 794	15 069,962	207 856,208	13,793	13,322	76	53	64 181	263,248	1 877,871	7,133	6,663
27	4	98 741	14 010,995	192 786,246	13,760	13,289	77	54	61 625	235,127	1 614,624	6,867	6,397
28	5	98 688	13 026,423	178 775,251	13,724	13,254	78	55	58 981	209,339	1 379,496	6,590	6,119
29	6	98 635	12 111,175	165 748,828	13,686	13,215	79	56	56 168	185,446	1 170,157	6,310	5,840
30	7	98 579	11 259,829	153 637,653	13,645	13,174	80	57	53 208	163,419	984,711	6,026	5,555
31	8	98 523	10 468,230	142 377,823	13,601	13,131	81	58	50 051	142,998	821,292	5,743	5,273
32	9	98 459	9 731,601	131 909,594	13,555	13,084	82	59	46 742	124,227	678,294	5,460	4,990
33	10	98 394	9 046,641	122 177,993	13,505	13,035	83	60	43 297	107,042	554,067	5,176	4,706
34	11	98 319	8 409,112	113 131,353	13,453	12,983	84	61	39 672	91,237	447,026	4,900	4,429
35	12	98 242	7 816,331	104 722,241	13,398	12,928	85	62	35 916	76,837	355,788	4,630	4,160
36	13	98 162	7 265,057	96 905,909	13,339	12,868	86	63	32 059	63,799	278,951	4,372	3,902
37	14	98 068	6 751,691	89 640,852	13,277	12,807	87	64	28 191	52,188	215,152	4,123	3,652
38	15	97 961	6 273,799	82 889,161	13,212	12,742	88	65	24 371	41,969	162,964	3,883	3,413
39	16	97 850	5 829,487	76 615,362	13,143	12,672	89	66	20 628	33,046	120,995	3,661	3,191
40	17	97 724	5 415,825	70 785,875	13,070	12,600	90	67	17 070	25,437	87,949	3,457	2,987
41	18	97 591	5 031,089	65 370,051	12,993	12,523	91	68	13 809	19,143	62,512	3,266	2,795
42	19	97 433	4 672,535	60 338,961	12,914	12,443	92	69	10 925	14,088	43,369	3,078	2,608
43	20	97 280	4 339,682	55 666,426	12,827	12,357	93	70	8 381	10,053	29,281	2,913	2,442
44	21	97 109	4 029,816	51 326,744	12,737	12,266	94	71	6 249	6,972	19,228	2,758	2,287
45	22	96 924	3 741,531	47 296,928	12,641	12,171	95	72	4 499	4,670	12,255	2,624	2,154
46	23	96 725	3 473,370	43 555,397	12,540	12,070	96	73	3 142	3,034	7,585	2,500	2,030
47	24	96 510	3 223,850	40 082,026	12,433	11,963	97	74	2 118	1,902	4,551	2,392	1,922
48	25	96 269	2 991,446	36 858,176	12,321	11,851	98	75	1 387	1,159	2,649	2,285	1,815
49	26	95 998	2 774,898	33 866,730	12,205	11,734	99	76	881	0,685	1,490	2,176	1,706
							100	77	533	0,386	0,805	2,088	1,618

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	2 573,720	31 113,961	12,089	11,619
1							51	27	95 391	2 386,039	28 540,241	11,961	11,491
2							52	28	95 030	2 211,166	26 154,202	11,828	11,358
3							53	29	94 628	2 048,192	23 943,036	11,690	11,220
4							54	30	94 178	1 896,226	21 894,844	11,547	11,076
5							55	31	93 679	1 754,601	19 998,617	11,398	10,928
6							56	32	93 117	1 622,382	18 244,016	11,245	10,775
7							57	33	92 496	1 499,130	16 621,634	11,088	10,617
8							58	34	91 810	1 384,196	15 122,504	10,925	10,455
9							59	35	91 066	1 277,191	13 738,307	10,757	10,286
10							60	36	90 232	1 177,211	12 461,117	10,585	10,115
11							61	37	89 328	1 084,100	11 283,906	10,409	9,938
12							62	38	88 337	997,279	10 199,806	10,228	9,757
13							63	39	87 250	916,289	9 202,528	10,043	9,573
14							64	40	86 064	840,773	8 286,238	9,856	9,385
15							65	41	84 794	770,572	7 445,465	9,662	9,192
16							66	42	83 431	705,290	6 674,893	9,464	8,994
17							67	43	81 963	644,541	5 969,604	9,262	8,792
18							68	44	80 409	588,205	5 325,063	9,053	8,583
19							69	45	78 755	535,915	4 736,858	8,839	8,369
20							70	46	77 012	487,490	4 200,943	8,617	8,147
21							71	47	75 189	442,746	3 713,453	8,387	7,917
22							72	48	73 219	401,064	3 270,707	8,155	7,685
23							73	49	71 186	362,726	2 869,642	7,911	7,441
24	0	99 205	17 487,646	241 596,559	13,815	13,345	74	50	69 018	327,140	2 506,917	7,663	7,193
25	1	98 873	16 213,104	224 108,913	13,823	13,352	75	51	66 742	294,283	2 179,777	7,407	6,937
26	2	98 807	15 071,943	207 895,809	13,794	13,323	76	52	64 323	263,829	1 885,494	7,147	6,676
27	3	98 751	14 012,392	192 823,866	13,761	13,291	77	53	61 778	235,712	1 621,665	6,880	6,410
28	4	98 697	13 027,622	178 811,474	13,726	13,255	78	54	59 144	209,917	1 385,953	6,602	6,132
29	5	98 642	12 111,998	165 783,852	13,688	13,217	79	55	56 343	186,025	1 176,036	6,322	5,852
30	6	98 586	11 260,651	153 671,854	13,647	13,177	80	56	53 389	163,974	990,011	6,038	5,567
31	7	98 527	10 468,728	142 411,202	13,603	13,133	81	57	50 240	143,537	826,037	5,755	5,285
32	8	98 466	9 732,302	131 942,474	13,557	13,087	82	58	46 938	124,748	682,500	5,471	5,001
33	9	98 399	9 047,121	122 210,172	13,508	13,038	83	59	43 498	107,540	557,753	5,186	4,716
34	10	98 325	8 409,580	113 163,051	13,456	12,986	84	60	39 876	91,707	450,213	4,909	4,439
35	11	98 250	7 816,933	104 753,471	13,401	12,931	85	61	36 118	77,269	358,505	4,640	4,169
36	12	98 168	7 265,516	96 936,539	13,342	12,872	86	62	32 256	64,192	281,236	4,381	3,911
37	13	98 075	6 752,225	89 671,022	13,280	12,810	87	63	28 382	52,543	217,044	4,131	3,661
38	14	97 970	6 274,377	82 918,798	13,215	12,745	88	64	24 553	42,283	164,501	3,891	3,420
39	15	97 861	5 830,162	76 644,420	13,146	12,676	89	65	20 795	33,313	122,219	3,669	3,199
40	16	97 737	5 416,517	70 814,258	13,074	12,603	90	66	17 221	25,662	88,906	3,464	2,994
41	17	97 603	5 031,742	65 397,741	12,997	12,527	91	67	13 940	19,323	63,244	3,273	2,803
42	18	97 449	4 673,293	60 365,999	12,917	12,447	92	68	11 038	14,233	43,920	3,086	2,615
43	19	97 296	4 340,395	55 692,706	12,831	12,361	93	69	8 479	10,171	29,687	2,919	2,449
44	20	97 124	4 030,476	51 352,310	12,741	12,271	94	70	6 328	7,061	19,516	2,764	2,294
45	21	96 940	3 742,167	47 321,834	12,646	12,175	95	71	4 562	4,735	12,455	2,630	2,160
46	22	96 742	3 473,953	43 579,668	12,545	12,074	96	72	3 190	3,080	7,720	2,506	2,036
47	23	96 526	3 224,377	40 105,715	12,438	11,968	97	73	2 154	1,935	4,640	2,398	1,928
48	24	96 285	2 991,938	36 881,337	12,327	11,857	98	74	1 413	1,180	2,705	2,291	1,821
49	25	96 017	2 775,438	33 889,399	12,210	11,740	99	75	899	0,699	1,524	2,182	1,712
							100	76	545	0,394	0,826	2,094	1,624

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	2 574,220	31 134,163	12,095	11,624
1							51	26	95 408	2 386,465	28 559,943	11,967	11,497
2							52	27	95 050	2 211,630	26 173,478	11,834	11,364
3							53	28	94 650	2 048,680	23 961,848	11,696	11,226
4							54	29	94 201	1 896,694	21 913,168	11,553	11,083
5							55	30	93 706	1 755,097	20 016,473	11,405	10,934
6							56	31	93 147	1 622,905	18 261,376	11,252	10,782
7							57	32	92 527	1 499,634	16 638,471	11,095	10,625
8							58	33	91 842	1 384,681	15 138,837	10,933	10,463
9							59	34	91 101	1 277,679	13 754,156	10,765	10,295
10							60	35	90 274	1 177,761	12 476,477	10,593	10,123
11							61	36	89 370	1 084,617	11 298,717	10,417	9,947
12							62	37	88 381	997,782	10 214,100	10,237	9,767
13							63	38	87 298	916,797	9 216,318	10,053	9,582
14							64	39	86 120	841,320	8 299,520	9,865	9,395
15							65	40	84 847	771,060	7 458,200	9,673	9,202
16							66	41	83 492	705,807	6 687,140	9,474	9,004
17							67	42	82 029	645,061	5 981,333	9,273	8,802
18							68	43	80 481	588,733	5 336,271	9,064	8,594
19							69	44	78 830	536,422	4 747,539	8,850	8,380
20							70	45	77 095	488,015	4 211,117	8,629	8,159
21							71	46	75 278	443,271	3 723,102	8,399	7,929
22							72	47	73 314	401,586	3 279,831	8,167	7,697
23							73	48	71 294	363,277	2 878,245	7,923	7,453
24							74	49	69 134	327,692	2 514,968	7,675	7,205
25	0	99 160	16 260,126	224 195,224	13,788	13,318	75	50	66 865	294,826	2 187,276	7,419	6,949
26	1	98 829	15 075,296	207 935,098	13,793	13,323	76	51	64 457	264,378	1 892,450	7,158	6,688
27	2	98 764	14 014,234	192 859,802	13,762	13,291	77	52	61 914	236,232	1 628,071	6,892	6,422
28	3	98 706	13 028,921	178 845,569	13,727	13,257	78	53	59 291	210,438	1 391,839	6,614	6,144
29	4	98 651	12 113,113	165 816,648	13,689	13,219	79	54	56 499	186,539	1 181,400	6,333	5,863
30	5	98 593	11 261,417	153 703,534	13,649	13,178	80	55	53 556	164,486	994,861	6,048	5,578
31	6	98 534	10 469,493	142 442,118	13,605	13,135	81	56	50 411	144,024	830,376	5,766	5,295
32	7	98 471	9 732,766	131 972,625	13,560	13,089	82	57	47 115	125,218	686,352	5,481	5,011
33	8	98 406	9 047,774	122 239,860	13,510	13,040	83	58	43 681	107,991	561,134	5,196	4,726
34	9	98 330	8 410,027	113 192,086	13,459	12,989	84	59	40 062	92,134	453,143	4,918	4,448
35	10	98 255	7 817,367	104 782,060	13,404	12,933	85	60	36 304	77,667	361,009	4,648	4,178
36	11	98 176	7 266,075	96 964,692	13,345	12,875	86	61	32 437	64,553	283,342	4,389	3,919
37	12	98 082	6 752,651	89 698,617	13,283	12,813	87	62	28 557	52,866	218,788	4,139	3,668
38	13	97 978	6 274,873	82 945,966	13,219	12,748	88	63	24 720	42,570	165,922	3,898	3,427
39	14	97 870	5 830,700	76 671,093	13,150	12,679	89	64	20 950	33,561	123,352	3,675	3,205
40	15	97 748	5 417,144	70 840,393	13,077	12,607	90	65	17 360	25,870	89,791	3,471	3,001
41	16	97 616	5 032,385	65 423,248	13,000	12,530	91	66	14 063	19,494	63,921	3,279	2,809
42	17	97 462	4 673,899	60 390,863	12,921	12,451	92	67	11 142	14,368	44,427	3,092	2,622
43	18	97 311	4 341,100	55 716,964	12,835	12,364	93	68	8 566	10,275	30,059	2,925	2,455
44	19	97 140	4 031,139	51 375,864	12,745	12,274	94	69	6 402	7,144	19,784	2,769	2,299
45	20	96 956	3 742,779	47 344,725	12,650	12,179	95	70	4 620	4,796	12,640	2,636	2,166
46	21	96 758	3 474,543	43 601,946	12,549	12,079	96	71	3 235	3,124	7,845	2,511	2,041
47	22	96 542	3 224,918	40 127,403	12,443	11,973	97	72	2 187	1,964	4,721	2,404	1,933
48	23	96 301	2 992,427	36 902,484	12,332	11,862	98	73	1 437	1,201	2,757	2,296	1,826
49	24	96 032	2 775,894	33 910,057	12,216	11,746	99	74	915	0,712	1,556	2,187	1,717
							100	75	557	0,402	0,845	2,099	1,629

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 369 661,311	13,697	13,226	50	50	94 198	2 255,174	25 522,019	11,317	10,846
1	1	99 373	92 225,702	1 269 661,311	13,767	13,296	51	51	93 723	2 082,396	23 266,846	11,173	10,702
2	2	99 327	85 552,581	1 177 435,609	13,763	13,292	52	52	93 193	1 921,705	21 184,449	11,024	10,553
3	3	99 301	79 378,154	1 091 883,027	13,755	13,285	53	53	92 616	1 772,442	19 262,744	10,868	10,397
4	4	99 279	73 652,744	1 012 504,873	13,747	13,276	54	54	91 970	1 633,474	17 490,302	10,707	10,237
5	5	99 259	68 341,124	938 852,130	13,738	13,267	55	55	91 257	1 504,238	15 856,828	10,541	10,071
6	6	99 243	63 415,564	870 511,006	13,727	13,256	56	56	90 456	1 383,785	14 352,590	10,372	9,901
7	7	99 227	58 844,755	807 095,442	13,716	13,245	57	57	89 579	1 271,806	12 968,805	10,197	9,726
8	8	99 212	54 604,393	748 250,687	13,703	13,232	58	58	88 612	1 167,584	11 696,999	10,018	9,547
9	9	99 198	50 669,420	693 646,294	13,690	13,219	59	59	87 560	1 070,747	10 529,415	9,834	9,363
10	10	99 184	47 018,710	642 976,874	13,675	13,204	60	60	86 397	980,532	9 458,668	9,646	9,176
11	11	99 172	43 631,178	595 958,164	13,659	13,188	61	61	85 133	896,691	8 478,136	9,455	8,984
12	12	99 157	40 487,061	552 326,986	13,642	13,171	62	62	83 760	818,781	7 581,444	9,259	8,789
13	13	99 142	37 569,297	511 839,925	13,624	13,153	63	63	82 269	746,361	6 762,663	9,061	8,590
14	14	99 125	34 861,102	474 270,628	13,605	13,134	64	64	80 655	679,083	6 016,302	8,859	8,389
15	15	99 104	32 346,709	439 409,526	13,584	13,114	65	65	78 926	616,729	5 337,218	8,654	8,183
16	16	99 077	30 012,007	407 062,816	13,563	13,093	66	66	77 091	559,067	4 720,489	8,444	7,973
17	17	99 041	27 843,442	377 050,809	13,542	13,071	67	67	75 132	505,671	4 161,422	8,229	7,759
18	18	99 002	25 830,542	349 207,367	13,519	13,049	68	68	73 083	456,503	3 655,751	8,008	7,537
19	19	98 948	23 959,517	323 376,826	13,497	13,026	69	69	70 917	411,111	3 199,248	7,782	7,311
20	20	98 892	22 223,584	299 417,309	13,473	13,002	70	70	68 620	369,185	2 788,137	7,552	7,081
21	21	98 835	20 613,251	277 193,724	13,447	12,977	71	71	66 234	330,714	2 418,952	7,314	6,844
22	22	98 778	19 119,643	256 580,473	13,420	12,949	72	72	63 690	295,139	2 088,238	7,075	6,605
23	23	98 720	17 734,033	237 460,830	13,390	12,919	73	73	61 089	262,725	1 793,100	6,825	6,354
24	24	98 662	16 448,893	219 726,797	13,358	12,887	74	74	58 335	232,835	1 530,375	6,573	6,102
25	25	98 601	15 256,295	203 277,904	13,324	12,854	75	75	55 488	205,541	1 297,540	6,313	5,842
26	26	98 538	14 149,969	188 021,609	13,288	12,817	76	76	52 510	180,520	1 091,998	6,049	5,579
27	27	98 477	13 124,095	173 871,640	13,248	12,778	77	77	49 424	157,690	911,479	5,780	5,310
28	28	98 412	12 172,103	160 747,544	13,206	12,736	78	78	46 298	137,094	753,788	5,498	5,028
29	29	98 343	11 288,703	148 575,441	13,161	12,691	79	79	43 025	118,236	616,695	5,216	4,745
30	30	98 271	10 469,002	137 286,738	13,114	12,643	80	80	39 636	101,090	498,458	4,931	4,460
31	31	98 191	9 708,134	126 817,735	13,063	12,592	81	81	36 105	85,462	397,368	4,650	4,179
32	32	98 103	9 001,801	117 109,601	13,010	12,539	82	82	32 491	71,375	311,907	4,370	3,899
33	33	98 010	8 346,432	108 107,800	12,953	12,482	83	83	28 815	58,747	240,532	4,094	3,624
34	34	97 907	7 737,967	99 761,368	12,892	12,422	84	84	25 074	47,443	181,785	3,832	3,361
35	35	97 801	7 173,621	92 023,401	12,828	12,357	85	85	21 372	37,529	134,342	3,580	3,109
36	36	97 682	6 649,520	84 849,780	12,760	12,290	86	86	17 779	28,975	96,813	3,341	2,871
37	37	97 549	6 162,858	78 200,260	12,689	12,218	87	87	14 398	21,777	67,838	3,115	2,644
38	38	97 402	5 710,999	72 037,402	12,614	12,143	88	88	11 298	15,859	46,061	2,904	2,434
39	39	97 249	5 291,912	66 326,403	12,534	12,063	89	89	8 548	11,135	30,202	2,712	2,242
40	40	97 074	4 902,425	61 034,491	12,450	11,979	90	90	6 217	7,516	19,067	2,537	2,066
41	41	96 892	4 541,306	56 132,066	12,360	11,890	91	91	4 330	4,858	11,551	2,378	1,907
42	42	96 681	4 205,470	51 590,759	12,268	11,797	92	92	2 887	3,006	6,693	2,226	1,756
43	43	96 466	3 894,323	47 385,289	12,168	11,697	93	93	1 819	1,758	3,687	2,097	1,626
44	44	96 226	3 605,225	43 490,966	12,063	11,593	94	94	1 086	0,974	1,929	1,980	1,509
45	45	95 968	3 336,956	39 885,741	11,953	11,482	95	95	611	0,509	0,955	1,877	1,407
46	46	95 685	3 087,798	36 548,784	11,837	11,366	96	96	323	0,250	0,446	1,787	1,317
47	47	95 375	2 856,408	33 460,987	11,714	11,244	97	97	160	0,114	0,196	1,717	1,247
48	48	95 029	2 641,341	30 604,579	11,587	11,116	98	98	75	0,050	0,082	1,643	1,173
49	49	94 635	2 441,218	27 963,237	11,455	10,984	99	99	33	0,020	0,032	1,571	1,100
							100	100	13	0,008	0,012	1,512	1,042

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	1 369 009,226	13,730	13,259	50	51	94 025	2 251,015	25 355,209	11,264	10,793
1	2	99 351	92 205,190	1 269 298,413	13,766	13,295	51	52	93 528	2 078,072	23 104,194	11,118	10,647
2	3	99 314	85 541,340	1 177 093,223	13,761	13,290	52	53	92 988	1 917,469	21 026,121	10,966	10,495
3	4	99 291	79 370,240	1 091 551,883	13,753	13,282	53	54	92 387	1 768,049	19 108,653	10,808	10,337
4	5	99 270	73 645,964	1 012 181,644	13,744	13,273	54	55	91 717	1 628,975	17 340,604	10,645	10,174
5	6	99 252	68 336,480	938 535,680	13,734	13,263	55	56	90 973	1 499,556	15 711,629	10,478	10,007
6	7	99 236	63 410,933	870 199,200	13,723	13,253	56	57	90 150	1 379,106	14 212,072	10,305	9,835
7	8	99 222	58 841,952	806 788,266	13,711	13,240	57	58	89 242	1 267,029	12 832,966	10,128	9,658
8	9	99 205	54 600,458	747 946,314	13,699	13,228	58	59	88 242	1 162,711	11 565,938	9,947	9,477
9	10	99 192	50 666,727	693 345,856	13,684	13,214	59	60	87 154	1 065,785	10 403,227	9,761	9,290
10	11	99 179	47 016,096	642 679,129	13,669	13,199	60	61	85 954	975,505	9 337,442	9,572	9,101
11	12	99 164	43 627,823	595 663,033	13,653	13,183	61	62	84 657	891,682	8 361,937	9,378	8,907
12	13	99 151	40 484,502	552 035,210	13,636	13,165	62	63	83 248	813,769	7 470,255	9,180	8,709
13	14	99 134	37 566,328	511 550,708	13,617	13,147	63	64	81 713	741,316	6 656,486	8,979	8,509
14	15	99 116	34 857,886	473 984,380	13,598	13,127	64	65	80 057	674,052	5 915,170	8,776	8,305
15	16	99 092	32 342,965	439 126,494	13,577	13,107	65	66	78 293	611,787	5 241,118	8,567	8,096
16	17	99 064	30 008,170	406 783,530	13,556	13,085	66	67	76 416	554,171	4 629,331	8,354	7,883
17	18	99 029	27 839,832	376 775,359	13,534	13,063	67	68	74 429	500,939	4 075,160	8,135	7,664
18	19	98 986	25 826,349	348 935,527	13,511	13,040	68	69	72 338	451,845	3 574,221	7,910	7,440
19	20	98 932	23 955,579	323 109,179	13,488	13,017	69	70	70 098	406,364	3 122,376	7,684	7,213
20	21	98 875	22 219,947	299 153,600	13,463	12,993	70	71	67 759	364,551	2 716,012	7,450	6,980
21	22	98 818	20 609,751	276 933,653	13,437	12,966	71	72	65 319	326,145	2 351,461	7,210	6,739
22	23	98 761	19 116,435	256 323,902	13,409	12,938	72	73	62 738	290,727	2 025,316	6,966	6,496
23	24	98 704	17 731,133	237 207,466	13,378	12,907	73	74	60 066	258,328	1 734,589	6,715	6,244
24	25	98 646	16 446,191	219 476,334	13,345	12,874	74	75	57 274	228,600	1 476,261	6,458	5,987
25	26	98 582	15 253,329	203 030,143	13,311	12,840	75	76	54 371	201,406	1 247,662	6,195	5,724
26	27	98 521	14 147,447	187 776,814	13,273	12,802	76	77	51 346	176,522	1 046,256	5,927	5,456
27	28	98 457	13 121,343	173 629,367	13,233	12,762	77	78	48 241	153,915	869,734	5,651	5,180
28	29	98 389	12 169,206	160 508,024	13,190	12,719	78	79	45 039	133,364	715,819	5,367	4,897
29	30	98 319	11 285,918	148 338,818	13,144	12,673	79	80	41 699	114,594	582,455	5,083	4,612
30	31	98 243	10 466,042	137 052,900	13,095	12,624	80	81	38 238	97,525	467,862	4,797	4,327
31	32	98 159	9 705,008	126 586,858	13,043	12,573	81	82	34 646	82,008	370,336	4,516	4,045
32	33	98 070	8 998,778	116 881,850	12,989	12,518	82	83	30 964	68,020	288,329	4,239	3,768
33	34	97 976	8 343,509	107 883,072	12,930	12,460	83	84	27 224	55,504	220,308	3,969	3,499
34	35	97 870	7 735,012	99 539,564	12,869	12,398	84	85	23 474	44,416	164,804	3,710	3,240
35	36	97 755	7 170,271	91 804,551	12,803	12,333	85	86	19 797	34,763	120,388	3,463	2,992
36	37	97 635	6 646,349	84 634,280	12,734	12,263	86	87	16 263	26,504	85,625	3,231	2,760
37	38	97 499	6 159,746	77 987,931	12,661	12,190	87	88	12 971	19,619	59,120	3,013	2,543
38	39	97 348	5 707,835	71 828,184	12,584	12,113	88	89	10 018	14,062	39,501	2,809	2,338
39	40	97 186	5 288,469	66 120,350	12,503	12,032	89	90	7 447	9,701	25,440	2,622	2,152
40	41	97 012	4 899,321	60 831,881	12,416	11,946	90	91	5 302	6,410	15,738	2,455	1,984
41	42	96 821	4 537,978	55 932,560	12,325	11,855	91	92	3 611	4,052	9,328	2,302	1,831
42	43	96 603	4 202,077	51 394,582	12,231	11,760	92	93	2 344	2,441	5,276	2,161	1,691
43	44	96 380	3 890,835	47 192,505	12,129	11,658	93	94	1 438	1,390	2,835	2,040	1,569
44	45	96 135	3 601,815	43 301,670	12,022	11,552	94	95	837	0,750	1,445	1,925	1,455
45	46	95 865	3 333,367	39 699,855	11,910	11,439	95	96	456	0,379	0,694	1,831	1,361
46	47	95 572	3 084,141	36 366,488	11,791	11,321	96	97	233	0,180	0,315	1,753	1,282
47	48	95 251	2 852,696	33 282,346	11,667	11,196	97	98	113	0,081	0,135	1,678	1,207
48	49	94 884	2 637,334	30 429,650	11,538	11,067	98	99	51	0,034	0,055	1,608	1,138
49	50	94 476	2 437,107	27 792,316	11,404	10,933	99	100	22	0,013	0,021	1,540	1,070

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	1 368 612,070	13,729	13,258	50	52	93 830	2 246,341	25 174,027	11,207	10,736
1	3	99 338	92 193,074	1 268 923,434	13,764	13,293	51	53	93 322	2 073,491	22 927,686	11,058	10,587
2	4	99 304	85 532,811	1 176 730,360	13,758	13,287	52	54	92 757	1 912,716	20 854,194	10,903	10,432
3	5	99 282	79 362,934	1 091 197,549	13,749	13,279	53	55	92 132	1 763,179	18 941,478	10,743	10,272
4	6	99 263	73 640,960	1 011 834,616	13,740	13,269	54	56	91 431	1 623,905	17 178,299	10,578	10,108
5	7	99 245	68 331,491	938 193,656	13,730	13,259	55	57	90 665	1 494,485	15 554,394	10,408	9,937
6	8	99 231	63 407,913	869 862,165	13,719	13,248	56	58	89 811	1 373,926	14 059,908	10,233	9,763
7	9	99 215	58 837,712	806 454,252	13,706	13,236	57	59	88 870	1 261,741	12 685,983	10,054	9,584
8	10	99 200	54 597,556	747 616,540	13,693	13,223	58	60	87 833	1 157,322	11 424,242	9,871	9,401
9	11	99 187	50 663,910	693 018,984	13,679	13,208	59	61	86 708	1 060,321	10 266,920	9,683	9,212
10	12	99 171	47 012,480	642 355,074	13,664	13,193	60	62	85 474	970,056	9 206,599	9,491	9,020
11	13	99 158	43 625,066	595 342,594	13,647	13,176	61	63	84 139	886,224	8 236,543	9,294	8,823
12	14	99 143	40 481,302	551 717,528	13,629	13,158	62	64	82 685	808,268	7 350,320	9,094	8,623
13	15	99 125	37 562,862	511 236,226	13,610	13,139	63	65	81 108	735,823	6 542,052	8,891	8,420
14	16	99 104	34 853,850	473 673,363	13,590	13,120	64	66	79 415	668,650	5 806,229	8,684	8,213
15	17	99 079	32 338,830	438 819,513	13,569	13,099	65	67	77 607	606,429	5 137,578	8,472	8,001
16	18	99 051	30 004,280	406 480,683	13,547	13,077	66	68	75 701	548,985	4 531,149	8,254	7,783
17	19	99 012	27 835,313	376 476,403	13,525	13,054	67	69	73 670	495,828	3 982,165	8,031	7,561
18	20	98 970	25 822,104	348 641,090	13,502	13,031	68	70	71 502	446,628	3 486,337	7,806	7,335
19	21	98 915	23 951,658	322 818,987	13,478	13,007	69	71	69 218	401,263	3 039,709	7,575	7,105
20	22	98 859	22 216,174	298 867,329	13,453	12,982	70	72	66 823	359,515	2 638,446	7,339	6,868
21	23	98 801	20 606,293	276 651,155	13,426	12,955	71	73	64 342	321,270	2 278,931	7,094	6,623
22	24	98 745	19 113,309	256 044,862	13,396	12,925	72	74	61 688	285,861	1 957,661	6,848	6,378
23	25	98 688	17 728,220	236 931,553	13,365	12,894	73	75	58 974	253,628	1 671,799	6,592	6,121
24	26	98 627	16 442,994	219 203,333	13,331	12,860	74	76	56 121	224,000	1 418,171	6,331	5,860
25	27	98 564	15 250,610	202 760,339	13,295	12,825	75	77	53 167	196,945	1 194,171	6,063	5,593
26	28	98 500	14 144,480	187 509,729	13,257	12,786	76	78	50 117	172,296	997,226	5,788	5,317
27	29	98 433	13 118,220	173 365,250	13,216	12,745	77	79	46 928	149,728	824,930	5,510	5,039
28	30	98 365	12 166,204	160 247,030	13,171	12,701	78	80	43 651	129,255	675,203	5,224	4,753
29	31	98 291	11 282,726	148 080,826	13,125	12,654	79	81	40 229	110,553	545,948	4,938	4,468
30	32	98 211	10 462,672	136 798,100	13,075	12,604	80	82	36 693	93,584	435,395	4,652	4,182
31	33	98 126	9 701,748	126 335,428	13,022	12,551	81	83	33 018	78,153	341,811	4,374	3,903
32	34	98 036	8 995,626	116 633,680	12,966	12,495	82	84	29 255	64,266	263,658	4,103	3,632
33	35	97 938	8 340,323	107 638,054	12,906	12,435	83	85	25 488	51,964	199,392	3,837	3,366
34	36	97 824	7 731,401	99 297,731	12,843	12,373	84	86	21 744	41,143	147,428	3,583	3,113
35	37	97 709	7 166,852	91 566,330	12,776	12,306	85	87	18 108	31,799	106,285	3,342	2,872
36	38	97 586	6 642,993	84 399,478	12,705	12,234	86	88	14 651	23,878	74,486	3,119	2,649
37	39	97 445	6 156,333	77 756,485	12,630	12,160	87	89	11 502	17,396	50,609	2,909	2,439
38	40	97 285	5 704,121	71 600,152	12,552	12,082	88	90	8 727	12,251	33,212	2,711	2,240
39	41	97 124	5 285,121	65 896,031	12,468	11,998	89	91	6 351	8,274	20,962	2,533	2,063
40	42	96 941	4 895,730	60 610,910	12,380	11,910	90	92	4 422	5,347	12,688	2,373	1,902
41	43	96 743	4 534,316	55 715,180	12,287	11,817	91	93	2 933	3,291	7,341	2,231	1,760
42	44	96 516	4 198,313	51 180,864	12,191	11,720	92	94	1 853	1,930	4,051	2,099	1,628
43	45	96 289	3 887,155	46 982,550	12,087	11,616	93	95	1 108	1,071	2,121	1,980	1,510
44	46	96 032	3 597,941	43 095,395	11,978	11,507	94	96	624	0,560	1,050	1,876	1,405
45	47	95 752	3 329,419	39 497,454	11,863	11,393	95	97	328	0,273	0,490	1,794	1,323
46	48	95 447	3 080,134	36 168,035	11,742	11,272	96	98	164	0,127	0,217	1,711	1,240
47	49	95 106	2 848,369	33 087,901	11,616	11,146	97	99	77	0,055	0,090	1,640	1,170
48	50	94 725	2 632,893	30 239,533	11,485	11,015	98	100	34	0,022	0,035	1,575	1,105
49	51	94 302	2 432,613	27 606,640	11,349	10,878							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	1 368 201,619	13,727	13,256	50	53	93 623	2 241,389	24 977,618	11,144	10,673
1	4	99 328	92 183,883	1 268 526,083	13,761	13,290	51	54	93 091	2 068,352	22 736,228	10,992	10,522
2	5	99 295	85 524,938	1 176 342,200	13,754	13,284	52	55	92 502	1 907,448	20 667,876	10,835	10,365
3	6	99 275	79 357,541	1 090 817,263	13,746	13,275	53	56	91 846	1 757,692	18 760,428	10,673	10,203
4	7	99 256	73 635,583	1 011 459,721	13,736	13,265	54	57	91 122	1 618,414	17 002,737	10,506	10,035
5	8	99 240	68 328,236	937 824,138	13,725	13,255	55	58	90 325	1 488,872	15 384,323	10,333	9,862
6	9	99 224	63 403,343	869 495,902	13,714	13,243	56	59	89 436	1 368,191	13 895,451	10,156	9,685
7	10	99 210	58 834,584	806 092,559	13,701	13,230	57	60	88 458	1 255,893	12 527,260	9,975	9,504
8	11	99 194	54 594,521	747 257,974	13,687	13,217	58	61	87 382	1 151,389	11 271,367	9,789	9,319
9	12	99 179	50 660,014	692 663,453	13,673	13,202	59	62	86 223	1 054,398	10 119,978	9,598	9,127
10	13	99 165	47 009,509	642 003,439	13,657	13,186	60	63	84 951	964,117	9 065,580	9,403	8,932
11	14	99 150	43 621,618	594 993,930	13,640	13,169	61	64	83 570	880,232	8 101,463	9,204	8,733
12	15	99 134	40 477,568	551 372,313	13,622	13,151	62	65	82 072	802,279	7 221,231	9,001	8,530
13	16	99 114	37 558,514	510 894,745	13,603	13,132	63	66	80 458	729,927	6 418,951	8,794	8,323
14	17	99 092	34 849,394	473 336,231	13,582	13,112	64	67	78 720	662,795	5 689,025	8,583	8,113
15	18	99 067	32 334,637	438 486,837	13,561	13,090	65	68	76 881	600,754	5 026,230	8,367	7,896
16	19	99 035	29 999,410	406 152,200	13,539	13,068	66	69	74 928	543,383	4 425,476	8,144	7,674
17	20	98 996	27 830,738	376 152,790	13,516	13,045	67	70	72 819	490,103	3 882,093	7,921	7,450
18	21	98 954	25 817,877	348 322,053	13,492	13,021	68	71	70 605	441,022	3 391,990	7,691	7,221
19	22	98 899	23 947,591	322 504,175	13,467	12,996	69	72	68 262	395,720	2 950,968	7,457	6,987
20	23	98 842	22 212,447	298 556,584	13,441	12,970	70	73	65 824	354,141	2 555,248	7,215	6,745
21	24	98 785	20 602,923	276 344,138	13,413	12,942	71	74	63 266	315,893	2 201,108	6,968	6,497
22	25	98 729	19 110,169	255 741,215	13,382	12,912	72	75	60 566	280,661	1 885,214	6,717	6,246
23	26	98 668	17 724,774	236 631,046	13,350	12,880	73	76	57 787	248,525	1 604,553	6,456	5,986
24	27	98 609	16 440,063	218 906,272	13,315	12,845	74	77	54 878	219,039	1 356,028	6,191	5,720
25	28	98 544	15 247,411	202 466,210	13,279	12,808	75	78	51 894	192,231	1 136,989	5,915	5,444
26	29	98 477	14 141,113	187 218,798	13,239	12,769	76	79	48 754	167,608	944,759	5,637	5,166
27	30	98 409	13 114,983	173 077,685	13,197	12,726	77	80	45 482	145,115	777,151	5,355	4,885
28	31	98 337	12 162,763	159 962,702	13,152	12,681	78	81	42 112	124,697	632,036	5,069	4,598
29	32	98 260	11 279,093	147 799,939	13,104	12,633	79	82	38 603	106,085	507,339	4,782	4,312
30	33	98 178	10 459,157	136 520,846	13,053	12,582	80	83	34 968	89,185	401,254	4,499	4,028
31	34	98 092	9 698,350	126 061,689	12,998	12,528	81	84	31 195	73,839	312,068	4,226	3,756
32	35	97 998	8 992,192	116 363,338	12,940	12,470	82	85	27 389	60,166	238,229	3,960	3,489
33	36	97 893	8 336,429	107 371,147	12,880	12,409	83	86	23 610	48,134	178,063	3,699	3,229
34	37	97 777	7 727,714	99 034,718	12,816	12,345	84	87	19 890	37,635	129,928	3,452	2,982
35	38	97 659	7 163,233	91 307,004	12,747	12,276	85	88	16 314	28,648	92,294	3,222	2,751
36	39	97 532	6 639,312	84 143,771	12,674	12,203	86	89	12 991	21,172	63,646	3,006	2,535
37	40	97 382	6 152,328	77 504,459	12,598	12,127	87	90	10 020	15,155	42,474	2,803	2,332
38	41	97 223	5 700,510	71 352,131	12,517	12,046	88	91	7 443	10,448	27,318	2,615	2,144
39	42	97 053	5 281,247	65 651,621	12,431	11,960	89	92	5 297	6,901	16,870	2,445	1,974
40	43	96 863	4 891,780	60 370,374	12,341	11,871	90	93	3 591	4,342	9,969	2,296	1,825
41	44	96 657	4 530,255	55 478,595	12,246	11,776	91	94	2 318	2,601	5,627	2,163	1,693
42	45	96 425	4 194,343	50 948,340	12,147	11,676	92	95	1 428	1,487	3,026	2,035	1,564
43	46	96 185	3 882,973	46 753,997	12,041	11,570	93	96	826	0,799	1,539	1,927	1,456
44	47	95 918	3 593,680	42 871,024	11,930	11,459	94	97	450	0,403	0,740	1,836	1,365
45	48	95 627	3 325,093	39 277,343	11,812	11,342	95	98	232	0,193	0,337	1,749	1,278
46	49	95 303	3 075,461	35 952,250	11,690	11,219	96	99	112	0,086	0,144	1,671	1,200
47	50	94 946	2 843,572	32 876,789	11,562	11,091	97	100	50	0,036	0,058	1,605	1,134
48	51	94 550	2 628,038	30 033,217	11,428	10,957							
49	52	94 106	2 427,562	27 405,180	11,289	10,819							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	1 367 766,779	13,724	13,253	50	54	93 391	2 235,834	24 764,820	11,076	10,606
1	5	99 319	92 175,397	1 268 101,180	13,757	13,287	51	55	92 834	2 062,655	22 528,986	10,922	10,452
2	6	99 288	85 519,127	1 175 925,783	13,750	13,280	52	56	92 214	1 901,511	20 466,331	10,763	10,293
3	7	99 268	79 351,747	1 090 406,657	13,741	13,271	53	57	91 535	1 751,748	18 564,820	10,598	10,127
4	8	99 251	73 632,076	1 011 054,909	13,731	13,261	54	58	90 780	1 612,334	16 813,072	10,428	9,957
5	9	99 233	68 323,312	937 422,834	13,720	13,250	55	59	89 948	1 482,658	15 200,737	10,252	9,782
6	10	99 219	63 399,973	869 099,522	13,708	13,238	56	60	89 022	1 361,851	13 718,079	10,073	9,602
7	11	99 204	58 831,314	805 699,548	13,695	13,224	57	61	88 005	1 249,454	12 356,229	9,889	9,419
8	12	99 187	54 592,322	746 868,235	13,681	13,211	58	62	86 894	1 144,957	11 106,774	9,701	9,230
9	13	99 173	50 656,812	692 277,912	13,666	13,195	59	63	85 695	1 047,943	9 961,817	9,506	9,035
10	14	99 157	47 005,794	641 621,100	13,650	13,179	60	64	84 376	957,600	8 913,875	9,309	8,838
11	15	99 141	43 617,594	594 615,306	13,632	13,162	61	65	82 951	873,711	7 956,275	9,106	8,636
12	16	99 122	40 472,882	550 997,713	13,614	13,143	62	66	81 415	795,850	7 082,564	8,899	8,429
13	17	99 101	37 553,712	510 524,831	13,595	13,124	63	67	79 753	723,534	6 286,714	8,689	8,218
14	18	99 079	34 844,876	472 971,119	13,574	13,103	64	68	77 983	656,592	5 563,180	8,473	8,002
15	19	99 050	32 329,388	438 126,243	13,552	13,081	65	69	76 097	594,624	4 906,588	8,252	7,781
16	20	99 019	29 994,379	405 796,854	13,529	13,058	66	70	74 063	537,109	4 311,964	8,028	7,557
17	21	98 980	27 826,182	375 802,376	13,505	13,035	67	71	71 905	483,951	3 774,855	7,800	7,329
18	22	98 937	25 813,493	347 976,194	13,480	13,010	68	72	69 630	434,930	3 290,904	7,567	7,096
19	23	98 882	23 943,573	322 162,700	13,455	12,984	69	73	67 242	389,805	2 855,974	7,327	6,856
20	24	98 826	22 208,814	298 219,127	13,428	12,957	70	74	64 723	348,214	2 466,169	7,082	6,612
21	25	98 769	20 599,538	276 010,314	13,399	12,928	71	75	62 115	310,147	2 117,956	6,829	6,358
22	26	98 710	19 106,453	255 410,775	13,368	12,897	72	76	59 347	275,014	1 807,809	6,574	6,103
23	27	98 651	17 721,614	236 304,322	13,334	12,864	73	77	56 507	243,021	1 532,795	6,307	5,837
24	28	98 589	16 436,615	218 582,707	13,299	12,828	74	78	53 564	213,795	1 289,774	6,033	5,562
25	29	98 520	15 243,782	202 146,093	13,261	12,790	75	79	50 482	187,000	1 075,979	5,754	5,283
26	30	98 452	14 137,624	186 902,310	13,220	12,750	76	80	47 252	162,444	888,979	5,473	5,002
27	31	98 381	13 111,274	172 764,686	13,177	12,706	77	81	43 879	139,998	726,534	5,190	4,719
28	32	98 305	12 158,847	159 653,412	13,131	12,660	78	82	40 410	119,658	586,536	4,902	4,431
29	33	98 227	11 275,304	147 494,566	13,081	12,611	79	83	36 788	101,099	466,879	4,618	4,147
30	34	98 144	10 455,494	136 219,261	13,028	12,558	80	84	33 038	84,263	365,780	4,341	3,870
31	35	98 055	9 694,648	125 763,767	12,972	12,502	81	85	29 205	69,129	281,517	4,072	3,602
32	36	97 953	8 987,993	116 069,119	12,914	12,443	82	86	25 370	55,733	212,388	3,811	3,340
33	37	97 846	8 332,454	107 081,127	12,851	12,380	83	87	21 596	44,029	156,656	3,558	3,087
34	38	97 728	7 723,812	98 748,673	12,785	12,314	84	88	17 919	33,905	112,626	3,322	2,851
35	39	97 605	7 159,264	91 024,861	12,714	12,244	85	89	14 466	25,402	78,721	3,099	2,628
36	40	97 468	6 634,992	83 865,597	12,640	12,169	86	90	11 318	18,445	53,319	2,891	2,420
37	41	97 320	6 148,432	77 230,605	12,561	12,090	87	91	8 546	12,926	34,874	2,698	2,227
38	42	97 152	5 696,331	71 082,172	12,479	12,008	88	92	6 208	8,715	21,948	2,519	2,048
39	43	96 975	5 276,986	65 385,841	12,391	11,920	89	93	4 302	5,604	13,234	2,361	1,891
40	44	96 776	4 887,398	60 108,855	12,299	11,828	90	94	2 839	3,432	7,630	2,223	1,752
41	45	96 565	4 525,970	55 221,457	12,201	11,730	91	95	1 786	2,004	4,197	2,094	1,623
42	46	96 321	4 189,831	50 695,487	12,100	11,629	92	96	1 065	1,109	2,193	1,977	1,507
43	47	96 071	3 878,375	46 505,656	11,991	11,520	93	97	596	0,576	1,084	1,883	1,413
44	48	95 793	3 589,011	42 627,281	11,877	11,407	94	98	317	0,284	0,508	1,787	1,316
45	49	95 482	3 320,049	39 038,270	11,758	11,288	95	99	158	0,131	0,224	1,706	1,235
46	50	95 142	3 070,282	35 718,221	11,634	11,163	96	100	73	0,057	0,093	1,633	1,162
47	51	94 771	2 838,328	32 647,939	11,503	11,032							
48	52	94 354	2 622,581	29 809,611	11,367	10,896							
49	53	93 898	2 422,210	27 187,030	11,224	10,753							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	5	99 656	99 656,424	1 367 301,980	13,720	13,249	50	55	93 133	2 229,676	24 534,753	11,004	10,533
1	6	99 312	92 169,134	1 267 645,555	13,753	13,283	51	56	92 545	2 056,235	22 305,077	10,848	10,377
2	7	99 281	85 512,883	1 175 476,421	13,746	13,276	52	57	91 902	1 895,081	20 248,841	10,685	10,214
3	8	99 263	79 347,968	1 089 963,539	13,737	13,266	53	58	91 191	1 745,168	18 353,760	10,517	10,046
4	9	99 244	73 626,769	1 010 615,571	13,726	13,256	54	59	90 401	1 605,605	16 608,592	10,344	9,873
5	10	99 228	68 319,680	936 988,802	13,715	13,244	55	60	89 531	1 475,786	15 002,987	10,166	9,695
6	11	99 213	63 396,449	868 669,121	13,702	13,232	56	61	88 566	1 354,869	13 527,201	9,984	9,513
7	12	99 196	58 826,789	805 272,672	13,689	13,218	57	62	87 513	1 242,475	12 172,332	9,797	9,326
8	13	99 181	54 586,872	746 445,883	13,674	13,204	58	63	86 362	1 137,948	10 929,857	9,605	9,134
9	14	99 165	50 652,808	691 859,011	13,659	13,188	59	64	85 116	1 040,858	9 791,910	9,408	8,937
10	15	99 148	47 001,457	641 206,202	13,642	13,172	60	65	83 751	950,505	8 751,051	9,207	8,736
11	16	99 129	43 612,544	594 204,745	13,625	13,154	61	66	82 286	866,709	7 800,546	9,000	8,530
12	17	99 110	40 467,707	550 592,201	13,606	13,135	62	67	80 702	788,880	6 933,837	8,789	8,319
13	18	99 088	37 548,843	510 124,494	13,586	13,115	63	68	79 007	716,763	6 144,957	8,573	8,103
14	19	99 063	34 839,220	472 575,650	13,564	13,094	64	69	77 188	649,892	5 428,193	8,352	7,882
15	20	99 034	32 324,075	437 736,430	13,542	13,071	65	70	75 218	587,758	4 778,301	8,130	7,659
16	21	99 003	29 989,569	405 412,356	13,518	13,048	66	71	73 134	530,367	4 190,543	7,901	7,431
17	22	98 963	27 821,457	375 422,787	13,494	13,023	67	72	70 912	477,266	3 660,176	7,669	7,198
18	23	98 920	25 809,162	347 601,329	13,468	12,997	68	73	68 589	428,428	3 182,910	7,429	6,959
19	24	98 866	23 939,657	321 792,167	13,442	12,971	69	74	66 116	383,281	2 754,482	7,187	6,716
20	25	98 810	22 205,165	297 852,510	13,414	12,943	70	75	63 545	341,879	2 371,201	6,936	6,465
21	26	98 750	20 595,534	275 647,344	13,384	12,913	71	76	60 865	303,906	2 029,322	6,677	6,207
22	27	98 692	19 103,048	255 051,811	13,351	12,881	72	77	58 033	268,923	1 725,415	6,416	5,945
23	28	98 630	17 717,897	235 948,763	13,317	12,846	73	78	55 155	237,203	1 456,492	6,140	5,670
24	29	98 565	16 432,703	218 230,866	13,280	12,810	74	79	52 107	207,978	1 219,289	5,863	5,392
25	30	98 496	15 240,021	201 798,163	13,241	12,771	75	80	48 927	181,239	1 011,311	5,580	5,109
26	31	98 424	14 133,626	186 558,142	13,200	12,729	76	81	45 586	156,716	830,072	5,297	4,826
27	32	98 349	13 107,052	172 424,516	13,155	12,684	77	82	42 105	134,340	673,355	5,012	4,542
28	33	98 272	12 154,762	159 317,464	13,107	12,637	78	83	38 511	114,033	539,015	4,727	4,256
29	34	98 192	11 271,356	147 162,702	13,056	12,586	79	84	34 758	95,518	424,982	4,449	3,979
30	35	98 106	10 451,502	135 891,346	13,002	12,531	80	85	30 931	78,888	329,464	4,176	3,706
31	36	98 009	9 690,121	125 439,844	12,945	12,474	81	86	27 053	64,035	250,576	3,913	3,442
32	37	97 906	8 983,707	115 749,723	12,884	12,414	82	87	23 207	50,980	186,541	3,659	3,188
33	38	97 797	8 328,246	106 766,016	12,820	12,349	83	88	19 456	39,666	135,561	3,418	2,947
34	39	97 674	7 719,532	98 437,770	12,752	12,281	84	89	15 889	30,064	95,895	3,190	2,719
35	40	97 542	7 154,606	90 718,238	12,680	12,209	85	90	12 602	22,130	65,831	2,975	2,504
36	41	97 406	6 630,792	83 563,632	12,602	12,132	86	91	9 653	15,732	43,702	2,778	2,307
37	42	97 249	6 143,926	76 932,840	12,522	12,051	87	92	7 128	10,781	27,970	2,594	2,124
38	43	97 074	5 691,735	70 788,914	12,437	11,966	88	93	5 041	7,077	17,189	2,429	1,958
39	44	96 888	5 272,259	65 097,179	12,347	11,876	89	94	3 401	4,430	10,112	2,283	1,812
40	45	96 685	4 882,776	59 824,920	12,252	11,782	90	95	2 188	2,645	5,682	2,148	1,678
41	46	96 461	4 521,102	54 942,144	12,152	11,682	91	96	1 332	1,495	3,037	2,032	1,561
42	47	96 207	4 184,869	50 421,042	12,048	11,578	92	97	767	0,799	1,542	1,930	1,459
43	48	95 946	3 873,336	46 236,173	11,937	11,466	93	98	420	0,406	0,743	1,831	1,360
44	49	95 648	3 583,566	42 362,837	11,821	11,351	94	99	216	0,194	0,337	1,741	1,270
45	50	95 321	3 314,458	38 779,271	11,700	11,229	95	100	104	0,086	0,144	1,665	1,195
46	51	94 967	3 064,620	35 464,814	11,572	11,102							
47	52	94 574	2 832,435	32 400,193	11,439	10,968							
48	53	94 146	2 616,799	29 567,759	11,299	10,829							
49	54	93 666	2 416,207	26 950,959	11,154	10,684							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	1 366 803,830	13,716	13,245	50	56	92 844	2 222,736	24 286,488	10,926	10,456
1	7	99 305	92 162,404	1 267 154,176	13,749	13,278	51	57	92 232	2 049,282	22 063,752	10,767	10,296
2	8	99 276	85 508,810	1 174 991,772	13,741	13,271	52	58	91 557	1 887,963	20 014,470	10,601	10,130
3	9	99 256	79 342,249	1 089 482,962	13,731	13,261	53	59	90 811	1 737,884	18 126,507	10,430	9,960
4	10	99 239	73 622,856	1 010 140,713	13,720	13,250	54	60	89 982	1 598,164	16 388,623	10,255	9,784
5	11	99 222	68 315,882	936 517,857	13,709	13,238	55	61	89 072	1 468,220	14 790,459	10,074	9,603
6	12	99 205	63 391,573	868 201,975	13,696	13,225	56	62	88 071	1 347,300	13 322,238	9,888	9,417
7	13	99 190	58 823,072	804 810,401	13,682	13,211	57	63	86 977	1 234,868	11 974,938	9,697	9,227
8	14	99 173	54 582,558	745 987,330	13,667	13,196	58	64	85 779	1 130,255	10 740,070	9,502	9,032
9	15	99 156	50 648,136	691 404,772	13,651	13,180	59	65	84 485	1 033,147	9 609,815	9,301	8,831
10	16	99 137	46 996,016	640 756,636	13,634	13,164	60	66	83 080	942,888	8 576,668	9,096	8,626
11	17	99 117	43 606,969	593 760,621	13,616	13,146	61	67	81 566	859,119	7 633,780	8,886	8,415
12	18	99 097	40 462,461	550 153,652	13,597	13,126	62	68	79 946	781,498	6 774,661	8,669	8,198
13	19	99 072	37 542,748	509 691,191	13,576	13,106	63	69	78 201	709,450	5 993,163	8,448	7,977
14	20	99 046	34 833,494	472 148,443	13,554	13,084	64	70	76 296	642,388	5 283,714	8,225	7,754
15	21	99 018	32 318,784	437 314,949	13,531	13,061	65	71	74 274	580,381	4 641,325	7,997	7,526
16	22	98 986	29 984,477	404 996,166	13,507	13,036	66	72	72 123	523,041	4 060,944	7,764	7,293
17	23	98 947	27 816,790	375 011,689	13,481	13,011	67	73	69 852	470,132	3 537,904	7,525	7,055
18	24	98 904	25 804,941	347 194,899	13,455	12,984	68	74	67 441	421,258	3 067,772	7,282	6,812
19	25	98 850	23 935,724	321 389,958	13,427	12,957	69	75	64 914	376,308	2 646,514	7,033	6,562
20	26	98 790	22 200,848	297 454,234	13,398	12,928	70	76	62 267	335,000	2 270,206	6,777	6,306
21	27	98 732	20 591,863	275 253,385	13,367	12,896	71	77	59 517	297,175	1 935,206	6,512	6,041
22	28	98 671	19 099,041	254 661,523	13,334	12,863	72	78	56 643	262,485	1 638,030	6,240	5,770
23	29	98 607	17 713,681	235 562,481	13,298	12,828	73	79	53 654	230,749	1 375,545	5,961	5,491
24	30	98 541	16 428,648	217 848,801	13,260	12,790	74	80	50 502	201,571	1 144,796	5,679	5,209
25	31	98 468	15 235,711	201 420,153	13,220	12,750	75	81	47 202	174,848	943,225	5,395	4,924
26	32	98 393	14 129,075	186 184,442	13,177	12,707	76	82	43 743	150,383	768,376	5,109	4,639
27	33	98 316	13 102,649	172 055,367	13,131	12,661	77	83	40 126	128,026	617,994	4,827	4,356
28	34	98 238	12 150,505	158 952,718	13,082	12,611	78	84	36 385	107,739	489,968	4,548	4,077
29	35	98 155	11 267,052	146 802,212	13,029	12,559	79	85	32 541	89,426	382,229	4,274	3,804
30	36	98 061	10 446,622	135 535,160	12,974	12,503	80	86	28 651	73,074	292,803	4,007	3,536
31	37	97 962	9 685,500	125 088,538	12,915	12,444	81	87	24 746	58,574	219,729	3,751	3,281
32	38	97 856	8 979,171	115 403,038	12,852	12,382	82	88	20 907	45,928	161,155	3,509	3,038
33	39	97 742	8 323,631	106 423,867	12,786	12,315	83	89	17 252	35,172	115,227	3,276	2,805
34	40	97 610	7 714,509	98 100,236	12,716	12,246	84	90	13 842	26,191	80,055	3,057	2,586
35	41	97 480	7 150,076	90 385,726	12,641	12,171	85	91	10 748	18,874	53,864	2,854	2,383
36	42	97 335	6 625,932	83 235,650	12,562	12,091	86	92	8 051	13,121	34,990	2,667	2,196
37	43	97 171	6 138,969	76 609,719	12,479	12,009	87	93	5 788	8,755	21,869	2,498	2,027
38	44	96 987	5 686,637	70 470,750	12,392	11,922	88	94	3 985	5,594	13,114	2,344	1,873
39	45	96 797	5 267,272	64 784,113	12,299	11,829	89	95	2 620	3,414	7,519	2,203	1,732
40	46	96 581	4 877,523	59 516,840	12,202	11,732	90	96	1 631	1,972	4,106	2,082	1,611
41	47	96 347	4 515,748	54 639,317	12,100	11,629	91	97	960	1,077	2,133	1,980	1,510
42	48	96 082	4 179,432	50 123,569	11,993	11,522	92	98	541	0,564	1,056	1,874	1,403
43	49	95 801	3 867,460	45 944,137	11,880	11,409	93	99	286	0,276	0,492	1,781	1,311
44	50	95 487	3 577,531	42 076,678	11,761	11,291	94	100	142	0,127	0,216	1,698	1,227
45	51	95 146	3 308,346	38 499,147	11,637	11,166							
46	52	94 770	3 058,257	35 190,801	11,507	11,036							
47	53	94 366	2 826,191	32 132,544	11,370	10,899							
48	54	93 912	2 610,313	29 306,353	11,227	10,756							
49	55	93 408	2 409,552	26 696,040	11,079	10,609							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	1 366 266,919	13,712	13,241	50	57	92 530	2 215,220	24 019,242	10,843	10,372
1	8	99 300	92 158,015	1 266 624,542	13,744	13,273	51	58	91 886	2 041,584	21 804,023	10,680	10,209
2	9	99 269	85 502,647	1 174 466,527	13,736	13,265	52	59	91 175	1 880,083	19 762,438	10,511	10,041
3	10	99 251	79 338,032	1 088 963,880	13,726	13,255	53	60	90 390	1 729,830	17 882,355	10,338	9,867
4	11	99 233	73 618,763	1 009 625,848	13,714	13,244	54	61	89 520	1 589,971	16 152,525	10,159	9,688
5	12	99 214	68 310,629	936 007,085	13,702	13,232	55	62	88 575	1 460,019	14 562,554	9,974	9,504
6	13	99 199	63 387,567	867 696,456	13,689	13,218	56	63	87 532	1 339,052	13 102,536	9,785	9,314
7	14	99 182	58 818,422	804 308,889	13,674	13,204	57	64	86 389	1 226,521	11 763,484	9,591	9,120
8	15	99 164	54 577,523	745 490,467	13,659	13,189	58	65	85 143	1 121,881	10 504,505	9,392	8,922
9	16	99 145	50 642,272	690 912,944	13,643	13,172	59	66	83 808	1 024,867	9 415,082	9,187	8,716
10	17	99 124	46 990,008	640 270,672	13,626	13,155	60	67	82 352	934,630	8 390,215	8,977	8,506
11	18	99 104	43 601,315	593 280,664	13,607	13,136	61	68	80 802	851,079	7 455,584	8,760	8,289
12	19	99 081	40 455,893	549 679,350	13,587	13,116	62	69	79 131	773,523	6 604,505	8,538	8,068
13	20	99 056	37 536,578	509 223,457	13,566	13,095	63	70	77 298	701,258	5 830,981	8,315	7,844
14	21	99 030	34 827,792	471 686,879	13,543	13,073	64	71	75 339	634,325	5 129,723	8,087	7,616
15	22	99 001	32 313,296	436 859,087	13,519	13,049	65	72	73 248	572,363	4 495,398	7,854	7,383
16	23	98 969	29 979,446	404 545,791	13,494	13,023	66	73	71 045	515,222	3 923,035	7,614	7,144
17	24	98 930	27 812,240	374 566,345	13,468	12,997	67	74	68 683	462,263	3 407,813	7,372	6,901
18	25	98 888	25 800,702	346 754,105	13,440	12,969	68	75	66 214	413,594	2 945,549	7,122	6,651
19	26	98 830	23 931,071	320 953,403	13,412	12,941	69	76	63 608	368,737	2 531,955	6,867	6,396
20	27	98 773	22 196,891	297 022,332	13,381	12,911	70	77	60 887	327,581	2 163,218	6,604	6,133
21	28	98 711	20 587,544	274 825,441	13,349	12,878	71	78	58 092	290,061	1 835,637	6,328	5,858
22	29	98 648	19 094,496	254 237,897	13,315	12,844	72	79	55 102	255,344	1 545,576	6,053	5,582
23	30	98 582	17 709,309	235 143,401	13,278	12,807	73	80	52 001	223,640	1 290,232	5,769	5,299
24	31	98 513	16 424,002	217 434,092	13,239	12,768	74	81	48 721	194,463	1 066,592	5,485	5,014
25	32	98 436	15 230,805	201 010,090	13,198	12,727	75	82	45 294	167,782	872,129	5,198	4,727
26	33	98 360	14 124,329	185 779,285	13,153	12,682	76	83	41 687	143,314	704,347	4,915	4,444
27	34	98 282	13 098,060	171 654,956	13,105	12,635	77	84	37 911	120,959	561,032	4,638	4,168
28	35	98 200	12 145,866	158 556,895	13,054	12,584	78	85	34 064	100,867	440,073	4,363	3,892
29	36	98 109	11 261,791	146 411,029	13,001	12,530	79	86	30 143	82,835	339,206	4,095	3,624
30	37	98 014	10 441,641	135 149,238	12,943	12,473	80	87	26 208	66,842	256,371	3,835	3,365
31	38	97 913	9 680,610	124 707,597	12,882	12,412	81	88	22 294	52,770	189,529	3,592	3,121
32	39	97 802	8 974,195	115 026,988	12,818	12,347	82	89	18 538	40,724	136,759	3,358	2,888
33	40	97 679	8 318,216	106 052,792	12,749	12,279	83	90	15 030	30,642	96,035	3,134	2,663
34	41	97 549	7 709,625	97 734,577	12,677	12,206	84	91	11 806	22,338	65,393	2,927	2,457
35	42	97 409	7 144,836	90 024,952	12,600	12,129	85	92	8 965	15,742	43,055	2,735	2,264
36	43	97 256	6 620,585	82 880,116	12,519	12,048	86	93	6 538	10,655	27,313	2,563	2,093
37	44	97 084	6 133,470	76 259,530	12,433	11,963	87	94	4 576	6,921	16,658	2,407	1,936
38	45	96 895	5 681,258	70 126,060	12,343	11,873	88	95	3 071	4,311	9,737	2,259	1,788
39	46	96 692	5 261,607	64 444,802	12,248	11,777	89	96	1 954	2,546	5,426	2,131	1,661
40	47	96 466	4 871,747	59 183,195	12,148	11,678	90	97	1 176	1,421	2,880	2,026	1,555
41	48	96 222	4 509,880	54 311,448	12,043	11,572	91	98	677	0,760	1,459	1,920	1,449
42	49	95 936	4 173,091	49 801,568	11,934	11,463	92	99	369	0,384	0,699	1,821	1,350
43	50	95 639	3 860,946	45 628,477	11,818	11,347	93	100	188	0,182	0,315	1,735	1,265
44	51	95 311	3 570,934	41 767,530	11,697	11,226							
45	52	94 948	3 301,476	38 196,596	11,570	11,099							
46	53	94 561	3 051,515	34 895,120	11,435	10,965							
47	54	94 132	2 819,186	31 843,605	11,295	10,825							
48	55	93 654	2 603,124	29 024,419	11,150	10,679							
49	56	93 117	2 402,053	26 421,295	10,999	10,529							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	1 365 688,583	13,707	13,236	50	58	92 182	2 206,899	23 731,973	10,754	10,283
1	9	99 293	92 151,373	1 266 050,952	13,739	13,268	51	59	91 502	2 033,064	21 525,074	10,588	10,117
2	10	99 264	85 498,103	1 173 899,579	13,730	13,259	52	60	90 752	1 871,370	19 492,011	10,416	9,945
3	11	99 245	79 333,621	1 088 401,476	13,719	13,249	53	61	89 926	1 720,962	17 620,641	10,239	9,768
4	12	99 226	73 613,102	1 009 067,855	13,708	13,237	54	62	89 020	1 581,089	15 899,679	10,056	9,585
5	13	99 208	68 306,311	935 454,753	13,695	13,224	55	63	88 032	1 451,081	14 318,590	9,868	9,397
6	14	99 191	63 382,557	867 148,442	13,681	13,211	56	64	86 940	1 330,000	12 867,510	9,675	9,204
7	15	99 173	58 812,996	803 765,885	13,666	13,196	57	65	85 749	1 217,434	11 537,510	9,477	9,006
8	16	99 152	54 571,204	744 952,888	13,651	13,180	58	66	84 461	1 112,891	10 320,077	9,273	8,803
9	17	99 132	50 635,798	690 381,684	13,634	13,164	59	67	83 074	1 015,892	9 207,186	9,063	8,592
10	18	99 111	46 983,915	639 745,886	13,616	13,146	60	68	81 582	925,884	8 191,294	8,847	8,376
11	19	99 088	43 594,237	592 761,971	13,597	13,127	61	69	79 978	842,395	7 265,410	8,625	8,154
12	20	99 064	40 449,243	549 167,734	13,577	13,106	62	70	78 217	764,592	6 423,015	8,401	7,930
13	21	99 039	37 530,433	508 718,490	13,555	13,084	63	71	76 327	692,456	5 658,423	8,172	7,701
14	22	99 013	34 821,878	471 188,057	13,531	13,061	64	72	74 298	625,562	4 965,967	7,938	7,468
15	23	98 985	32 307,875	436 366,178	13,506	13,036	65	73	72 153	563,807	4 340,404	7,698	7,228
16	24	98 953	29 974,543	404 058,304	13,480	13,009	66	74	69 856	506,599	3 776,597	7,455	6,984
17	25	98 914	27 807,671	374 083,761	13,453	12,982	67	75	67 433	453,854	3 269,997	7,205	6,734
18	26	98 869	25 795,686	346 276,090	13,424	12,953	68	76	64 882	405,273	2 816,143	6,949	6,478
19	27	98 813	23 926,805	320 480,404	13,394	12,924	69	77	62 199	360,570	2 410,870	6,686	6,216
20	28	98 752	22 192,236	296 553,598	13,363	12,892	70	78	59 430	319,739	2 050,301	6,412	5,942
21	29	98 688	20 582,644	274 361,363	13,330	12,859	71	79	56 512	282,170	1 730,562	6,133	5,662
22	30	98 624	19 089,784	253 778,719	13,294	12,823	72	80	53 405	247,477	1 448,392	5,853	5,382
23	31	98 554	17 704,301	234 688,935	13,256	12,785	73	81	50 167	215,754	1 200,915	5,566	5,095
24	32	98 481	16 418,713	216 984,633	13,216	12,745	74	82	46 752	186,604	985,161	5,279	4,809
25	33	98 403	15 225,689	200 565,920	13,173	12,702	75	83	43 165	159,896	798,557	4,994	4,524
26	34	98 325	14 119,382	185 340,231	13,127	12,656	76	84	39 386	135,404	638,661	4,717	4,246
27	35	98 244	13 093,060	171 220,849	13,077	12,607	77	85	35 493	113,243	503,257	4,444	3,973
28	36	98 154	12 140,195	158 127,789	13,025	12,554	78	86	31 554	93,434	390,014	4,174	3,704
29	37	98 062	11 256,421	145 987,594	12,969	12,499	79	87	27 572	75,771	296,580	3,914	3,443
30	38	97 964	10 436,368	134 731,173	12,910	12,439	80	88	23 611	60,219	220,809	3,667	3,196
31	39	97 858	9 675,245	124 294,805	12,847	12,376	81	89	19 768	46,791	160,590	3,432	2,961
32	40	97 739	8 968,356	114 619,559	12,780	12,310	82	90	16 150	35,479	113,800	3,208	2,737
33	41	97 617	8 312,949	105 651,203	12,709	12,239	83	91	12 818	26,134	78,321	2,997	2,526
34	42	97 477	7 703,974	97 338,254	12,635	12,164	84	92	9 847	18,631	52,187	2,801	2,330
35	43	97 330	7 139,071	89 634,279	12,555	12,085	85	93	7 280	12,784	33,556	2,625	2,154
36	44	97 169	6 614,655	82 495,209	12,472	12,001	86	94	5 169	8,423	20,772	2,466	1,995
37	45	96 992	6 127,669	75 880,553	12,383	11,913	87	95	3 526	5,333	12,349	2,316	1,845
38	46	96 791	5 675,147	69 752,885	12,291	11,820	88	96	2 290	3,215	7,016	2,182	1,712
39	47	96 578	5 255,376	64 077,737	12,193	11,722	89	97	1 408	1,835	3,801	2,072	1,601
40	48	96 341	4 865,417	58 822,361	12,090	11,619	90	98	829	1,002	1,966	1,962	1,491
41	49	96 076	4 503,038	53 956,944	11,982	11,512	91	99	461	0,517	0,964	1,863	1,392
42	50	95 775	4 166,063	49 453,906	11,871	11,400	92	100	242	0,252	0,447	1,771	1,301
43	51	95 463	3 853,827	45 287,842	11,751	11,281							
44	52	95 113	3 563,519	41 434,015	11,627	11,157							
45	53	94 739	3 294,198	37 870,496	11,496	11,025							
46	54	94 326	3 043,952	34 576,298	11,359	10,888							
47	55	93 872	2 811,421	31 532,346	11,216	10,745							
48	56	93 362	2 595,022	28 720,925	11,068	10,597							
49	57	92 802	2 393,930	26 125,903	10,913	10,443							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	1 365 062,685	13,701	13,231	50	59	91 797	2 197,688	23 423,826	10,658	10,188
1	10	99 288	92 146,475	1 265 432,234	13,733	13,262	51	60	91 078	2 023,642	21 226,138	10,489	10,018
2	11	99 258	85 493,350	1 173 285,759	13,724	13,253	52	61	90 287	1 861,776	19 202,497	10,314	9,843
3	12	99 237	79 327,520	1 087 792,409	13,713	13,242	53	62	89 424	1 711,348	17 340,721	10,133	9,662
4	13	99 219	73 608,449	1 008 464,889	13,700	13,230	54	63	88 475	1 571,409	15 629,373	9,946	9,475
5	14	99 200	68 300,913	934 856,440	13,687	13,217	55	64	87 437	1 441,271	14 057,963	9,754	9,283
6	15	99 182	63 376,710	866 555,527	13,673	13,202	56	65	86 296	1 320,146	12 616,693	9,557	9,086
7	16	99 162	58 806,187	803 178,817	13,658	13,187	57	66	85 062	1 207,677	11 296,546	9,354	8,883
8	17	99 139	54 564,228	744 372,630	13,642	13,171	58	67	83 721	1 103,144	10 088,869	9,146	8,675
9	18	99 119	50 629,233	689 808,402	13,625	13,154	59	68	82 297	1 006,385	8 985,725	8,929	8,458
10	19	99 095	46 976,289	639 179,169	13,606	13,136	60	69	80 749	916,436	7 979,340	8,707	8,236
11	20	99 071	43 587,072	592 202,880	13,587	13,116	61	70	79 054	832,668	7 062,903	8,482	8,012
12	21	99 048	40 442,622	548 615,808	13,565	13,095	62	71	77 235	754,995	6 230,235	8,252	7,781
13	22	99 023	37 524,061	508 173,186	13,543	13,072	63	72	75 273	682,890	5 475,240	8,018	7,547
14	23	98 997	34 816,036	470 649,125	13,518	13,048	64	73	73 187	616,212	4 792,349	7,777	7,306
15	24	98 968	32 302,590	435 833,089	13,492	13,022	65	74	70 945	554,372	4 176,138	7,533	7,062
16	25	98 937	29 969,619	403 530,498	13,465	12,994	66	75	68 585	497,383	3 621,766	7,282	6,811
17	26	98 895	27 802,265	373 560,880	13,436	12,966	67	76	66 076	444,722	3 124,383	7,025	6,555
18	27	98 851	25 791,088	345 758,615	13,406	12,935	68	77	63 445	396,297	2 679,661	6,762	6,291
19	28	98 792	23 921,787	319 967,526	13,376	12,905	69	78	60 710	351,938	2 283,364	6,488	6,017
20	29	98 729	22 186,954	296 045,739	13,343	12,873	70	79	57 813	311,039	1 931,426	6,210	5,739
21	30	98 664	20 577,565	273 858,785	13,309	12,838	71	80	54 770	273,476	1 620,386	5,925	5,454
22	31	98 596	19 084,386	253 281,220	13,272	12,801	72	81	51 522	238,751	1 346,910	5,641	5,171
23	32	98 523	17 698,601	234 196,835	13,233	12,762	73	82	48 140	207,035	1 108,159	5,353	4,882
24	33	98 448	16 413,198	216 498,234	13,190	12,720	74	83	44 554	177,833	901,124	5,067	4,597
25	34	98 369	15 220,357	200 085,036	13,146	12,675	75	84	40 783	151,070	723,291	4,788	4,317
26	35	98 288	14 113,991	184 864,679	13,098	12,627	76	85	36 874	126,767	572,221	4,514	4,043
27	36	98 198	13 086,946	170 750,688	13,047	12,577	77	86	32 877	104,898	445,454	4,247	3,776
28	37	98 108	12 134,406	157 663,742	12,993	12,522	78	87	28 863	85,466	340,556	3,985	3,514
29	38	98 013	11 250,737	145 529,336	12,935	12,464	79	88	24 840	68,263	255,091	3,737	3,266
30	39	97 910	10 430,585	134 278,599	12,874	12,403	80	89	20 936	53,396	186,828	3,499	3,028
31	40	97 795	9 668,950	123 848,013	12,809	12,338	81	90	17 222	40,764	133,432	3,273	2,803
32	41	97 677	8 962,678	114 179,063	12,739	12,269	82	91	13 774	30,259	92,668	3,062	2,592
33	42	97 545	8 306,856	105 216,385	12,666	12,196	83	92	10 692	21,797	62,409	2,863	2,392
34	43	97 398	7 697,758	96 909,529	12,589	12,119	84	93	7 996	15,130	40,612	2,684	2,214
35	44	97 243	7 132,676	89 211,770	12,507	12,037	85	94	5 755	10,106	25,482	2,521	2,051
36	45	97 077	6 608,399	82 079,094	12,420	11,950	86	95	3 983	6,491	15,376	2,369	1,898
37	46	96 887	6 121,077	75 470,695	12,330	11,859	87	96	2 629	3,977	8,886	2,234	1,764
38	47	96 676	5 668,427	69 349,617	12,234	11,764	88	97	1 650	2,317	4,908	2,119	1,648
39	48	96 452	5 248,547	63 681,190	12,133	11,662	89	98	993	1,294	2,592	2,003	1,532
40	49	96 195	4 858,036	58 432,643	12,028	11,557	90	99	565	0,683	1,298	1,901	1,430
41	50	95 914	4 495,455	53 574,607	11,918	11,447	91	100	303	0,340	0,615	1,810	1,340
42	51	95 598	4 158,381	49 079,152	11,802	11,332							
43	52	95 265	3 845,825	44 920,771	11,680	11,210							
44	53	94 903	3 555,664	41 074,946	11,552	11,081							
45	54	94 504	3 286,033	37 519,283	11,418	10,947							
46	55	94 066	3 035,568	34 233,249	11,277	10,807							
47	56	93 580	2 802,671	31 197,681	11,131	10,661							
48	57	93 046	2 586,247	28 395,010	10,979	10,509							
49	58	92 454	2 384,937	25 808,764	10,822	10,351							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	1 364 387,995	13,695	13,225	50	60	91 372	2 187,503	23 093,995	10,557	10,087
1	11	99 282	92 141,352	1 264 762,839	13,726	13,256	51	61	90 611	2 013,267	20 906,492	10,384	9,914
2	12	99 251	85 486,775	1 172 621,487	13,717	13,246	52	62	89 783	1 851,376	18 893,225	10,205	9,734
3	13	99 231	79 322,507	1 087 134,712	13,705	13,235	53	63	88 877	1 700,871	17 041,850	10,019	9,549
4	14	99 212	73 602,631	1 007 812,205	13,693	13,222	54	64	87 877	1 560,786	15 340,979	9,829	9,358
5	15	99 191	68 294,612	934 209,574	13,679	13,208	55	65	86 789	1 430,593	13 780,192	9,633	9,162
6	16	99 171	63 369,373	865 914,962	13,665	13,194	56	66	85 604	1 309,567	12 349,599	9,430	8,960
7	17	99 149	58 798,670	802 545,589	13,649	13,178	57	67	84 317	1 197,101	11 040,032	9,222	8,752
8	18	99 127	54 557,153	743 746,919	13,632	13,162	58	68	82 938	1 092,821	9 842,932	9,007	8,536
9	19	99 103	50 621,015	689 189,766	13,615	13,144	59	69	81 457	996,116	8 750,111	8,784	8,314
10	20	99 079	46 968,568	638 568,751	13,596	13,125	60	70	79 817	905,855	7 753,994	8,560	8,089
11	21	99 055	43 579,937	591 600,184	13,575	13,104	61	71	78 062	822,217	6 848,139	8,329	7,858
12	22	99 031	40 435,755	548 020,246	13,553	13,082	62	72	76 168	744,565	6 025,922	8,093	7,623
13	23	99 006	37 517,765	507 584,491	13,529	13,059	63	73	74 148	672,682	5 281,357	7,851	7,381
14	24	98 981	34 810,342	470 066,726	13,504	13,033	64	74	71 962	605,899	4 608,675	7,606	7,136
15	25	98 952	32 297,284	435 256,384	13,477	13,006	65	75	69 655	544,286	4 002,776	7,354	6,884
16	26	98 918	29 963,792	402 959,100	13,448	12,978	66	76	67 205	487,376	3 458,490	7,096	6,625
17	27	98 877	27 797,310	372 995,308	13,418	12,948	67	77	64 613	434,872	2 971,114	6,832	6,361
18	28	98 830	25 785,679	345 197,998	13,387	12,917	68	78	61 926	386,810	2 536,241	6,557	6,086
19	29	98 769	23 916,094	319 412,319	13,356	12,885	69	79	59 058	342,363	2 149,432	6,278	5,808
20	30	98 704	22 181,479	295 496,226	13,322	12,851	70	80	56 032	301,457	1 807,069	5,994	5,524
21	31	98 636	20 571,746	273 314,747	13,286	12,815	71	81	52 839	263,833	1 505,612	5,707	5,236
22	32	98 564	19 078,240	252 743,001	13,248	12,777	72	82	49 439	229,101	1 241,779	5,420	4,950
23	33	98 490	17 692,656	233 664,760	13,207	12,736	73	83	45 877	197,304	1 012,677	5,133	4,662
24	34	98 414	16 407,450	215 972,105	13,163	12,692	74	84	42 095	168,018	815,374	4,853	4,382
25	35	98 331	15 214,546	199 564,655	13,117	12,646	75	85	38 181	141,434	647,356	4,577	4,106
26	36	98 242	14 107,401	184 350,109	13,068	12,597	76	86	34 156	117,425	505,922	4,308	3,838
27	37	98 152	13 080,705	170 242,708	13,015	12,544	77	87	30 074	95,952	388,497	4,049	3,578
28	38	98 058	12 128,279	157 162,003	12,958	12,488	78	88	26 003	76,996	292,545	3,799	3,329
29	39	97 958	11 244,503	145 033,724	12,898	12,428	79	89	22 025	60,528	215,549	3,561	3,090
30	40	97 846	10 423,799	133 789,221	12,835	12,364	80	90	18 239	46,518	155,020	3,332	2,862
31	41	97 733	9 662,829	123 365,422	12,767	12,296	81	91	14 688	34,767	108,502	3,121	2,650
32	42	97 605	8 956,109	113 702,594	12,696	12,225	82	92	11 489	25,238	73,736	2,922	2,451
33	43	97 467	8 300,154	104 746,485	12,620	12,149	83	93	8 682	17,701	48,497	2,740	2,269
34	44	97 311	7 690,864	96 446,331	12,540	12,070	84	94	6 321	11,961	30,797	2,575	2,104
35	45	97 151	7 125,930	88 755,467	12,455	11,985	85	95	4 435	7,787	18,836	2,419	1,948
36	46	96 973	6 601,291	81 629,537	12,366	11,895	86	96	2 970	4,840	11,049	2,283	1,812
37	47	96 773	6 113,829	75 028,247	12,272	11,801	87	97	1 895	2,866	6,208	2,166	1,695
38	48	96 550	5 661,062	68 914,418	12,173	11,703	88	98	1 164	1,634	3,342	2,045	1,575
39	49	96 306	5 240,585	63 253,356	12,070	11,599	89	99	676	0,881	1,708	1,939	1,468
40	50	96 033	4 849,855	58 012,771	11,962	11,491	90	100	371	0,448	0,827	1,845	1,374
41	51	95 737	4 487,166	53 162,917	11,848	11,377							
42	52	95 400	4 149,746	48 675,751	11,730	11,259							
43	53	95 055	3 837,347	44 526,005	11,603	11,133							
44	54	94 668	3 546,851	40 688,658	11,472	11,001							
45	55	94 244	3 276,983	37 141,807	11,334	10,863							
46	56	93 774	3 026,120	33 864,824	11,191	10,720							
47	57	93 264	2 793,193	30 838,704	11,041	10,570							
48	58	92 697	2 576,532	28 045,511	10,885	10,414							
49	59	92 068	2 374,984	25 468,979	10,724	10,253							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	1 363 658,544	13,689	13,218	50	61	90 903	2 176,288	22 741,722	10,450	9,979
1	12	99 275	92 134,266	1 264 038,927	13,720	13,249	51	62	90 105	2 002,020	20 565,434	10,272	9,802
2	13	99 244	85 481,372	1 171 904,661	13,709	13,239	52	63	89 233	1 840,042	18 563,414	10,089	9,618
3	14	99 223	79 316,237	1 086 423,289	13,697	13,227	53	64	88 276	1 689,373	16 723,372	9,899	9,428
4	15	99 202	73 595,842	1 007 107,051	13,684	13,214	54	65	87 226	1 549,223	15 033,999	9,704	9,234
5	16	99 180	68 286,705	933 511,209	13,670	13,200	55	66	86 094	1 419,129	13 484,777	9,502	9,031
6	17	99 158	63 361,272	865 224,504	13,655	13,185	56	67	84 855	1 298,098	12 065,648	9,295	8,824
7	18	99 136	58 791,046	801 863,233	13,639	13,169	57	68	83 528	1 185,898	10 767,550	9,080	8,609
8	19	99 110	54 548,298	743 072,186	13,622	13,152	58	69	82 091	1 081,670	9 581,652	8,858	8,388
9	20	99 087	50 612,694	688 523,889	13,604	13,133	59	70	80 517	984,615	8 499,982	8,633	8,162
10	21	99 062	46 960,880	637 911,195	13,584	13,113	60	71	78 815	894,485	7 515,367	8,402	7,931
11	22	99 038	43 572,538	590 950,315	13,562	13,092	61	72	76 984	810,858	6 620,882	8,165	7,695
12	23	99 015	40 428,971	547 377,777	13,539	13,069	62	73	75 030	733,436	5 810,024	7,922	7,451
13	24	98 990	37 511,629	506 948,806	13,514	13,044	63	74	72 907	661,424	5 076,588	7,675	7,205
14	25	98 964	34 804,623	469 437,177	13,488	13,017	64	75	70 653	594,876	4 415,164	7,422	6,951
15	26	98 933	32 291,005	434 632,554	13,460	12,989	65	76	68 253	533,335	3 820,287	7,163	6,692
16	27	98 900	29 958,452	402 341,549	13,430	12,959	66	77	65 717	476,581	3 286,952	6,897	6,426
17	28	98 857	27 791,479	372 383,097	13,399	12,929	67	78	63 066	424,462	2 810,371	6,621	6,150
18	29	98 807	25 779,542	344 591,618	13,367	12,896	68	79	60 241	376,286	2 385,909	6,341	5,870
19	30	98 744	23 910,192	318 812,076	13,334	12,863	69	80	57 239	331,815	2 009,623	6,056	5,586
20	31	98 676	22 175,206	294 901,884	13,299	12,828	70	81	54 056	290,827	1 677,808	5,769	5,298
21	32	98 604	20 565,122	272 726,678	13,262	12,791	71	82	50 704	253,170	1 386,981	5,478	5,008
22	33	98 531	19 071,832	252 161,556	13,222	12,751	72	83	47 115	218,333	1 133,810	5,193	4,722
23	34	98 455	17 686,459	233 089,724	13,179	12,708	73	84	43 345	186,413	915,477	4,911	4,440
24	35	98 376	16 401,186	215 403,265	13,133	12,663	74	85	39 410	157,300	729,064	4,635	4,164
25	36	98 285	15 207,441	199 002,079	13,086	12,615	75	86	35 367	131,011	571,764	4,364	3,894
26	37	98 195	14 100,674	183 794,638	13,034	12,564	76	87	31 244	107,411	440,753	4,103	3,633
27	38	98 102	13 074,101	169 693,964	12,979	12,509	77	88	27 094	86,444	333,342	3,856	3,385
28	39	98 004	12 121,559	156 619,864	12,921	12,450	78	89	23 056	68,272	246,898	3,616	3,146
29	40	97 895	11 237,187	144 498,305	12,859	12,388	79	90	19 188	52,732	178,626	3,387	2,917
30	41	97 784	10 417,199	133 261,118	12,792	12,322	80	91	15 556	39,674	125,894	3,173	2,703
31	42	97 661	9 655,746	122 843,919	12,722	12,252	81	92	12 251	28,998	86,219	2,973	2,503
32	43	97 526	8 948,883	113 188,173	12,648	12,178	82	93	9 330	20,495	57,221	2,792	2,321
33	44	97 379	8 292,720	104 239,290	12,570	12,099	83	94	6 864	13,993	36,727	2,625	2,154
34	45	97 219	7 683,589	95 946,570	12,487	12,017	84	95	4 871	9,216	22,733	2,467	1,996
35	46	97 046	7 118,265	88 262,981	12,400	11,929	85	96	3 307	5,807	13,517	2,328	1,857
36	47	96 858	6 593,473	81 144,716	12,307	11,836	86	97	2 140	3,488	7,710	2,210	1,740
37	48	96 647	6 105,885	74 551,243	12,210	11,739	87	98	1 336	2,021	4,222	2,088	1,618
38	49	96 404	5 652,473	68 445,358	12,109	11,638	88	99	793	1,113	2,200	1,977	1,507
39	50	96 144	5 231,759	62 792,885	12,002	11,532	89	100	444	0,579	1,087	1,879	1,409
40	51	95 856	4 840,912	57 561,126	11,891	11,420							
41	52	95 538	4 477,848	52 720,214	11,774	11,303							
42	53	95 189	4 140,599	48 242,366	11,651	11,180							
43	54	94 819	3 827,836	44 101,767	11,521	11,051							
44	55	94 407	3 537,082	40 273,931	11,386	10,916							
45	56	93 950	3 266,784	36 736,850	11,246	10,775							
46	57	93 457	3 015,887	33 470,066	11,098	10,627							
47	58	92 913	2 782,701	30 454,179	10,944	10,473							
48	59	92 310	2 565,779	27 671,478	10,785	10,314							
49	60	91 641	2 363,977	25 105,699	10,620	10,149							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	1 362 870,205	13,682	13,211	50	62	90 396	2 164,131	22 366,271	10,335	9,864
1	13	99 268	92 128,444	1 263 258,250	13,712	13,241	51	63	89 554	1 989,764	20 202,140	10,153	9,682
2	14	99 237	85 474,616	1 171 129,806	13,701	13,231	52	64	88 630	1 827,603	18 212,376	9,965	9,495
3	15	99 214	79 308,921	1 085 655,190	13,689	13,218	53	65	87 622	1 676,857	16 384,773	9,771	9,300
4	16	99 191	73 587,321	1 006 346,270	13,676	13,205	54	66	86 527	1 536,808	14 707,917	9,570	9,100
5	17	99 167	68 277,975	932 758,948	13,661	13,191	55	67	85 340	1 406,700	13 171,109	9,363	8,892
6	18	99 145	63 353,057	864 480,973	13,645	13,175	56	68	84 060	1 285,950	11 764,409	9,148	8,678
7	19	99 120	58 781,503	801 127,916	13,629	13,158	57	69	82 676	1 173,798	10 478,458	8,927	8,456
8	20	99 094	54 539,332	742 346,413	13,611	13,141	58	70	81 143	1 069,181	9 304,660	8,703	8,232
9	21	99 070	50 604,410	687 807,081	13,592	13,121	59	71	79 506	972,256	8 235,480	8,470	8,000
10	22	99 046	46 952,906	637 202,672	13,571	13,100	60	72	77 726	882,128	7 263,224	8,234	7,763
11	23	99 022	43 565,227	590 249,766	13,549	13,078	61	73	75 833	798,738	6 381,096	7,989	7,518
12	24	98 999	40 422,359	546 684,538	13,524	13,054	62	74	73 774	721,161	5 582,358	7,741	7,270
13	25	98 974	37 505,467	506 262,180	13,498	13,028	63	75	71 581	649,392	4 861,197	7,486	7,015
14	26	98 945	34 797,857	468 756,713	13,471	13,000	64	76	69 232	582,907	4 211,805	7,226	6,755
15	27	98 915	32 285,249	433 958,856	13,441	12,971	65	77	66 742	521,523	3 628,898	6,958	6,488
16	28	98 879	29 952,168	401 673,607	13,411	12,940	66	78	64 144	465,173	3 107,376	6,680	6,209
17	29	98 833	27 784,865	371 721,439	13,379	12,908	67	79	61 350	412,914	2 642,203	6,399	5,928
18	30	98 782	25 773,181	343 936,574	13,345	12,874	68	80	58 385	364,693	2 229,290	6,113	5,642
19	31	98 716	23 903,431	318 163,393	13,310	12,840	69	81	55 220	320,115	1 864,597	5,825	5,354
20	32	98 645	22 168,066	294 259,962	13,274	12,803	70	82	51 871	279,073	1 544,481	5,534	5,064
21	33	98 571	20 558,214	272 091,897	13,235	12,765	71	83	48 320	241,271	1 265,408	5,245	4,774
22	34	98 496	19 065,152	251 533,683	13,193	12,723	72	84	44 515	206,282	1 024,138	4,965	4,494
23	35	98 418	17 679,707	232 468,530	13,149	12,678	73	85	40 580	174,522	817,856	4,686	4,216
24	36	98 330	16 393,527	214 788,824	13,102	12,631	74	86	36 506	145,708	643,333	4,415	3,945
25	37	98 238	15 200,190	198 395,297	13,052	12,581	75	87	32 351	119,839	497,625	4,152	3,682
26	38	98 145	14 093,554	183 195,107	12,999	12,528	76	88	28 148	96,767	377,787	3,904	3,433
27	39	98 048	13 066,856	169 101,553	12,941	12,471	77	89	24 024	76,650	281,020	3,666	3,196
28	40	97 940	12 113,672	156 034,697	12,881	12,410	78	90	20 087	59,479	204,370	3,436	2,965
29	41	97 833	11 230,072	143 921,025	12,816	12,345	79	91	16 365	44,974	144,891	3,222	2,751
30	42	97 713	10 409,564	132 690,953	12,747	12,276	80	92	12 975	33,091	99,917	3,019	2,549
31	43	97 582	9 647,956	122 281,389	12,674	12,204	81	93	9 948	23,548	66,826	2,838	2,367
32	44	97 439	8 940,867	112 633,434	12,598	12,127	82	94	7 375	16,202	43,278	2,671	2,200
33	45	97 287	8 284,876	103 692,566	12,516	12,045	83	95	5 289	10,782	27,076	2,511	2,041
34	46	97 115	7 675,324	95 407,690	12,430	11,960	84	96	3 632	6,873	16,294	2,371	1,900
35	47	96 931	7 109,835	87 732,366	12,340	11,869	85	97	2 383	4,185	9,421	2,251	1,780
36	48	96 732	6 584,906	80 622,531	12,244	11,773	86	98	1 510	2,460	5,236	2,128	1,657
37	49	96 500	6 096,621	74 037,625	12,144	11,673	87	99	910	1,377	2,775	2,016	1,546
38	50	96 242	5 642,954	67 941,003	12,040	11,569	88	100	521	0,731	1,399	1,914	1,444
39	51	95 967	5 222,112	62 298,049	11,930	11,459							
40	52	95 657	4 830,860	57 075,937	11,815	11,344							
41	53	95 328	4 467,977	52 245,077	11,693	11,223							
42	54	94 954	4 130,336	47 777,100	11,567	11,097							
43	55	94 558	3 817,293	43 646,764	11,434	10,963							
44	56	94 113	3 526,073	39 829,471	11,296	10,825							
45	57	93 633	3 255,737	36 303,398	11,151	10,680							
46	58	93 106	3 004,558	33 047,662	10,999	10,529							
47	59	92 526	2 771,088	30 043,103	10,842	10,371							
48	60	91 882	2 553,888	27 272,016	10,679	10,208							
49	61	91 171	2 351,857	24 718,128	10,510	10,039							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	1 362 020,582	13,674	13,203	50	63	89 842	2 150,882	21 966,769	10,213	9,742
1	14	99 261	92 121,162	1 262 414,921	13,704	13,233	51	64	88 948	1 976,313	19 815,887	10,027	9,556
2	15	99 227	85 466,731	1 170 293,759	13,693	13,222	52	65	87 973	1 814,062	17 839,574	9,834	9,363
3	16	99 203	79 299,739	1 084 827,029	13,680	13,209	53	66	86 920	1 663,419	16 025,512	9,634	9,163
4	17	99 178	73 577,914	1 005 527,290	13,666	13,195	54	67	85 769	1 523,349	14 362,093	9,428	8,957
5	18	99 154	68 269,123	931 949,376	13,651	13,180	55	68	84 541	1 393,536	12 838,744	9,213	8,742
6	19	99 129	63 342,773	863 680,253	13,635	13,164	56	69	83 203	1 272,829	11 445,207	8,992	8,521
7	20	99 104	58 771,841	800 337,480	13,618	13,147	57	70	81 721	1 160,245	10 172,379	8,767	8,297
8	21	99 078	54 530,405	741 565,638	13,599	13,128	58	71	80 125	1 055,761	9 012,134	8,536	8,065
9	22	99 054	50 595,817	687 035,234	13,579	13,108	59	72	78 408	958,825	7 956,374	8,298	7,827
10	23	99 029	46 945,028	636 439,416	13,557	13,086	60	73	76 565	868,942	6 997,549	8,053	7,582
11	24	99 005	43 558,102	589 494,388	13,534	13,063	61	74	74 564	785,370	6 128,607	7,803	7,333
12	25	98 982	40 415,718	545 936,286	13,508	13,037	62	75	72 432	708,041	5 343,237	7,547	7,076
13	26	98 954	37 498,175	505 520,568	13,481	13,011	63	76	70 140	636,326	4 635,195	7,284	6,814
14	27	98 927	34 791,654	468 022,393	13,452	12,981	64	77	67 698	569,997	3 998,869	7,016	6,545
15	28	98 895	32 278,478	433 230,738	13,422	12,951	65	78	65 144	509,038	3 428,873	6,736	6,265
16	29	98 856	29 945,040	400 952,261	13,390	12,919	66	79	62 399	452,516	2 919,835	6,452	5,982
17	30	98 809	27 778,009	371 007,221	13,356	12,885	67	80	59 460	400,192	2 467,318	6,165	5,695
18	31	98 754	25 765,892	343 229,212	13,321	12,850	68	81	56 326	351,833	2 067,126	5,875	5,405
19	32	98 684	23 895,734	317 463,320	13,285	12,815	69	82	52 989	307,177	1 715,293	5,584	5,113
20	33	98 611	22 160,620	293 567,586	13,247	12,777	70	83	49 433	265,956	1 408,115	5,295	4,824
21	34	98 536	20 551,014	271 406,967	13,207	12,736	71	84	45 653	227,954	1 142,159	5,010	4,540
22	35	98 459	19 057,873	250 855,953	13,163	12,692	72	85	41 675	193,124	914,205	4,734	4,263
23	36	98 372	17 671,451	231 798,080	13,117	12,646	73	86	37 590	161,661	721,082	4,460	3,990
24	37	98 283	16 385,710	214 126,629	13,068	12,597	74	87	33 393	133,282	559,421	4,197	3,727
25	38	98 189	15 192,515	197 740,919	13,016	12,545	75	88	29 145	107,963	426,138	3,947	3,476
26	39	98 091	14 085,744	182 548,404	12,960	12,489	76	89	24 958	85,803	318,175	3,708	3,238
27	40	97 984	13 058,354	168 462,660	12,901	12,430	77	90	20 929	66,777	232,372	3,480	3,009
28	41	97 878	12 106,002	155 404,305	12,837	12,366	78	91	17 132	50,728	165,596	3,264	2,794
29	42	97 761	11 221,841	143 298,303	12,770	12,299	79	92	13 650	37,512	114,867	3,062	2,592
30	43	97 634	10 401,165	132 076,462	12,698	12,228	80	93	10 536	26,872	77,356	2,879	2,408
31	44	97 495	9 639,314	121 675,297	12,623	12,152	81	94	7 865	18,616	50,484	2,712	2,241
32	45	97 347	8 932,411	112 035,983	12,543	12,072	82	95	5 683	12,484	31,868	2,553	2,082
33	46	97 183	8 275,964	103 103,572	12,458	11,988	83	96	3 944	8,041	19,384	2,411	1,940
34	47	97 000	7 666,235	94 827,608	12,370	11,899	84	97	2 618	4,953	11,343	2,290	1,819
35	48	96 805	7 100,597	87 161,373	12,275	11,805	85	98	1 681	2,952	6,390	2,165	1,694
36	49	96 586	6 574,916	80 060,776	12,177	11,706	86	99	1 028	1,675	3,438	2,052	1,581
37	50	96 338	6 086,354	73 485,860	12,074	11,603	87	100	598	0,904	1,763	1,950	1,479
38	51	96 064	5 632,549	67 399,506	11,966	11,495							
39	52	95 767	5 211,269	61 766,957	11,853	11,382							
40	53	95 446	4 820,211	56 555,688	11,733	11,262							
41	54	95 091	4 456,903	51 735,477	11,608	11,137							
42	55	94 692	4 118,960	47 278,575	11,478	11,008							
43	56	94 264	3 805,412	43 159,615	11,342	10,871							
44	57	93 795	3 514,149	39 354,203	11,199	10,728							
45	58	93 281	3 243,507	35 840,054	11,050	10,579							
46	59	92 717	2 992,019	32 596,546	10,895	10,424							
47	60	92 097	2 758,245	29 604,528	10,733	10,262							
48	61	91 411	2 540,794	26 846,283	10,566	10,095							
49	62	90 662	2 338,719	24 305,489	10,393	9,922							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	1 361 103,335	13,666	13,195	50	64	89 235	2 136,342	21 542,454	10,084	9,613
1	15	99 251	92 112,664	1 261 505,547	13,695	13,225	51	65	88 289	1 961,671	19 406,112	9,893	9,422
2	16	99 216	85 456,836	1 169 392,884	13,684	13,213	52	66	87 268	1 799,525	17 444,442	9,694	9,223
3	17	99 190	79 289,601	1 083 936,048	13,671	13,200	53	67	86 158	1 648,851	15 644,917	9,488	9,018
4	18	99 165	73 568,374	1 004 646,446	13,656	13,185	54	68	84 967	1 509,093	13 996,065	9,274	8,804
5	19	99 138	68 258,042	931 078,072	13,641	13,170	55	69	83 679	1 379,317	12 486,972	9,053	8,582
6	20	99 113	63 332,362	862 820,031	13,624	13,153	56	70	82 242	1 258,132	11 107,655	8,829	8,358
7	21	99 088	58 762,221	799 487,669	13,605	13,135	57	71	80 695	1 145,681	9 849,523	8,597	8,126
8	22	99 061	54 521,145	740 725,447	13,586	13,115	58	72	79 018	1 041,176	8 703,842	8,360	7,889
9	23	99 037	50 587,328	686 204,302	13,565	13,094	59	73	77 236	944,492	7 662,666	8,113	7,642
10	24	99 013	46 937,350	635 616,974	13,542	13,071	60	74	75 283	854,399	6 718,173	7,863	7,392
11	25	98 989	43 550,947	588 679,624	13,517	13,046	61	75	73 207	771,083	5 863,774	7,605	7,134
12	26	98 963	40 407,861	545 128,677	13,491	13,020	62	76	70 975	693,796	5 092,691	7,340	6,870
13	27	98 937	37 491,492	504 720,816	13,462	12,992	63	77	68 587	622,232	4 398,896	7,070	6,599
14	28	98 907	34 784,357	467 229,324	13,432	12,962	64	78	66 078	556,352	3 776,664	6,788	6,318
15	29	98 871	32 270,796	432 444,967	13,401	12,930	65	79	63 371	495,189	3 220,312	6,503	6,033
16	30	98 831	29 937,650	400 174,172	13,367	12,896	66	80	60 476	438,575	2 725,124	6,214	5,743
17	31	98 781	27 770,153	370 236,521	13,332	12,862	67	81	57 364	386,081	2 286,548	5,922	5,452
18	32	98 723	25 757,596	342 466,368	13,296	12,825	68	82	54 050	337,614	1 900,468	5,629	5,158
19	33	98 651	23 887,707	316 708,772	13,258	12,788	69	83	50 498	292,739	1 562,854	5,339	4,868
20	34	98 577	22 152,858	292 821,065	13,218	12,748	70	84	46 705	251,276	1 270,114	5,055	4,584
21	35	98 499	20 543,167	270 668,207	13,176	12,705	71	85	42 741	213,413	1 018,838	4,774	4,303
22	36	98 413	19 048,975	250 125,040	13,131	12,660	72	86	38 604	178,892	805,425	4,502	4,032
23	37	98 325	17 663,024	231 076,065	13,082	12,612	73	87	34 384	147,875	626,533	4,237	3,766
24	38	98 234	16 377,436	213 413,041	13,031	12,560	74	88	30 084	120,075	478,658	3,986	3,516
25	39	98 134	15 184,096	197 035,604	12,976	12,506	75	89	25 843	95,730	358,584	3,746	3,275
26	40	98 027	14 076,580	181 851,508	12,919	12,448	76	90	21 744	74,751	262,853	3,516	3,046
27	41	97 922	13 050,087	167 774,929	12,856	12,386	77	91	17 850	56,953	188,102	3,303	2,832
28	42	97 806	12 097,129	154 724,842	12,790	12,320	78	92	14 289	42,311	131,149	3,100	2,629
29	43	97 682	11 212,787	142 627,713	12,720	12,249	79	93	11 085	30,462	88,838	2,916	2,446
30	44	97 546	10 391,849	131 414,926	12,646	12,175	80	94	8 329	21,243	58,377	2,748	2,277
31	45	97 403	9 630,197	121 023,077	12,567	12,096	81	95	6 060	14,344	37,134	2,589	2,118
32	46	97 242	8 922,802	111 392,881	12,484	12,013	82	96	4 238	9,310	22,789	2,448	1,977
33	47	97 068	8 266,164	102 470,078	12,396	11,926	83	97	2 842	5,795	13,479	2,326	1,855
34	48	96 873	7 656,274	94 203,914	12,304	11,833	84	98	1 846	3,493	7,684	2,200	1,729
35	49	96 659	7 089,825	86 547,640	12,207	11,737	85	99	1 145	2,010	4,191	2,085	1,614
36	50	96 423	6 563,843	79 457,816	12,105	11,635	86	100	675	1,100	2,181	1,982	1,512
37	51	96 160	6 075,132	72 893,972	11,999	11,528							
38	52	95 865	5 620,853	66 818,841	11,888	11,417							
39	53	95 556	5 199,781	61 197,988	11,769	11,299							
40	54	95 209	4 808,263	55 998,207	11,646	11,176							
41	55	94 830	4 444,627	51 189,944	11,517	11,047							
42	56	94 397	4 106,140	46 745,316	11,384	10,914							
43	57	93 945	3 792,544	42 639,176	11,243	10,772							
44	58	93 443	3 500,949	38 846,633	11,096	10,625							
45	59	92 892	3 229,970	35 345,684	10,943	10,472							
46	60	92 287	2 978,152	32 115,713	10,784	10,313							
47	61	91 625	2 744,104	29 137,561	10,618	10,148							
48	62	90 900	2 526,601	26 393,457	10,446	9,976							
49	63	90 107	2 324,402	23 866,856	10,268	9,797							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	1 360 114,820	13,657	13,187	50	65	88 574	2 120,514	21 092,735	9,947	9,476
1	16	99 240	92 102,000	1 260 526,220	13,686	13,216	51	66	87 582	1 945,951	18 972,221	9,750	9,279
2	17	99 203	85 445,911	1 168 424,220	13,674	13,204	52	67	86 504	1 783,765	17 026,271	9,545	9,074
3	18	99 177	79 279,321	1 082 978,309	13,660	13,190	53	68	85 352	1 633,421	15 242,506	9,332	8,861
4	19	99 149	73 556,433	1 003 698,988	13,645	13,175	54	69	84 100	1 493,695	13 609,084	9,111	8,640
5	20	99 122	68 246,822	930 142,555	13,629	13,158	55	70	82 712	1 363,391	12 115,389	8,886	8,416
6	21	99 096	63 321,995	861 895,733	13,611	13,141	56	71	81 210	1 242,340	10 751,999	8,655	8,184
7	22	99 071	58 752,244	798 573,738	13,592	13,122	57	72	79 581	1 129,854	9 509,658	8,417	7,946
8	23	99 044	54 511,998	739 821,494	13,572	13,101	58	73	77 837	1 025,612	8 379,804	8,171	7,700
9	24	99 021	50 579,054	685 309,496	13,549	13,079	59	74	75 943	928,685	7 354,192	7,919	7,448
10	25	98 997	46 929,640	634 730,442	13,525	13,054	60	75	73 914	838,856	6 425,506	7,660	7,189
11	26	98 970	43 542,480	587 800,802	13,499	13,029	61	76	71 734	755,568	5 586,650	7,394	6,923
12	27	98 945	40 400,659	544 258,322	13,472	13,001	62	77	69 403	678,429	4 831,082	7,121	6,650
13	28	98 916	37 483,628	503 857,664	13,442	12,971	63	78	66 945	607,337	4 152,653	6,837	6,367
14	29	98 883	34 776,079	466 374,036	13,411	12,940	64	79	64 280	541,215	3 545,316	6,551	6,080
15	30	98 847	32 262,832	431 597,957	13,378	12,907	65	80	61 419	479,933	3 004,101	6,259	5,789
16	31	98 803	29 929,184	399 335,124	13,343	12,872	66	81	58 344	423,110	2 524,169	5,966	5,495
17	32	98 749	27 761,211	369 405,940	13,307	12,836	67	82	55 045	370,477	2 101,058	5,671	5,201
18	33	98 689	25 748,943	341 644,729	13,268	12,798	68	83	51 509	321,745	1 730,581	5,379	4,908
19	34	98 617	23 879,341	315 895,785	13,229	12,758	69	84	47 711	276,581	1 408,836	5,094	4,623
20	35	98 539	22 144,400	292 016,445	13,187	12,716	70	85	43 726	235,248	1 132,254	4,813	4,342
21	36	98 453	20 533,575	269 872,044	13,143	12,672	71	86	39 591	197,686	897,006	4,538	4,067
22	37	98 366	19 039,891	249 338,469	13,096	12,625	72	87	35 312	163,636	699,321	4,274	3,803
23	38	98 275	17 654,106	230 298,578	13,045	12,574	73	88	30 977	133,221	535,685	4,021	3,550
24	39	98 179	16 368,361	212 644,472	12,991	12,521	74	89	26 675	106,470	402,463	3,780	3,309
25	40	98 070	15 174,217	196 276,111	12,935	12,464	75	90	22 514	83,400	295,994	3,549	3,078
26	41	97 965	14 067,667	181 101,894	12,874	12,403	76	91	18 545	63,754	212,594	3,335	2,864
27	42	97 850	13 040,522	167 034,227	12,809	12,338	77	92	14 888	47,503	148,840	3,133	2,663
28	43	97 727	12 087,369	153 993,705	12,740	12,269	78	93	11 603	34,359	101,337	2,949	2,479
29	44	97 595	11 202,744	141 906,337	12,667	12,196	79	94	8 763	24,081	66,978	2,781	2,311
30	45	97 454	10 382,020	130 703,593	12,589	12,119	80	95	6 418	16,369	42,897	2,621	2,150
31	46	97 298	9 619,838	120 321,573	12,508	12,037	81	96	4 519	10,697	26,528	2,480	2,009
32	47	97 127	8 912,236	110 701,736	12,421	11,951	82	97	3 054	6,710	15,831	2,359	1,889
33	48	96 941	8 255,423	101 789,500	12,330	11,859	83	98	2 005	4,087	9,122	2,232	1,761
34	49	96 727	7 644,659	93 534,077	12,235	11,765	84	99	1 257	2,379	5,035	2,116	1,646
35	50	96 496	7 077,885	85 889,418	12,135	11,664	85	100	752	1,320	2,656	2,012	1,541
36	51	96 245	6 551,740	78 811,533	12,029	11,558							
37	52	95 960	6 062,517	72 259,793	11,919	11,448							
38	53	95 653	5 608,462	66 197,276	11,803	11,332							
39	54	95 319	5 186,893	60 588,814	11,681	11,210							
40	55	94 947	4 795,020	55 401,921	11,554	11,083							
41	56	94 534	4 430,794	50 606,901	11,422	10,951							
42	57	94 078	4 092,255	46 176,107	11,284	10,813							
43	58	93 592	3 778,298	42 083,852	11,138	10,668							
44	59	93 053	3 486,338	38 305,555	10,987	10,517							
45	60	92 461	3 215,001	34 819,217	10,830	10,360							
46	61	91 814	2 962,884	31 604,216	10,667	10,196							
47	62	91 113	2 728,775	28 641,332	10,496	10,025							
48	63	90 344	2 511,133	25 912,557	10,319	9,848							
49	64	89 498	2 308,689	23 401,424	10,136	9,666							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	1 359 050,832	13,648	13,178	50	66	87 864	2 103,521	20 616,985	9,801	9,331
1	17	99 227	92 090,225	1 259 473,762	13,677	13,206	51	67	86 815	1 928,908	18 513,464	9,598	9,127
2	18	99 190	85 434,833	1 167 383,536	13,664	13,193	52	68	85 694	1 767,073	16 584,556	9,385	8,915
3	19	99 161	79 266,452	1 081 948,703	13,650	13,179	53	69	84 481	1 616,754	14 817,483	9,165	8,694
4	20	99 133	73 544,342	1 002 682,251	13,634	13,163	54	70	83 129	1 476,448	13 200,729	8,941	8,470
5	21	99 105	68 235,651	929 137,909	13,617	13,146	55	71	81 674	1 346,278	11 724,281	8,709	8,238
6	22	99 080	63 311,244	860 902,257	13,598	13,127	56	72	80 088	1 225,178	10 378,003	8,471	8,000
7	23	99 054	58 742,387	797 591,014	13,578	13,107	57	73	78 391	1 112,965	9 152,825	8,224	7,753
8	24	99 028	54 503,082	738 848,627	13,556	13,085	58	74	76 534	1 008,448	8 039,860	7,973	7,502
9	25	99 004	50 570,746	684 345,545	13,532	13,062	59	75	74 561	911,791	7 031,412	7,712	7,241
10	26	98 977	46 920,516	633 774,799	13,507	13,037	60	76	72 426	821,978	6 119,621	7,445	6,974
11	27	98 952	43 534,719	586 854,284	13,480	13,009	61	77	70 146	738,833	5 297,643	7,170	6,700
12	28	98 925	40 392,085	543 319,565	13,451	12,982	62	78	67 741	662,188	4 558,809	6,884	6,414
13	29	98 892	37 474,707	502 927,380	13,420	12,950	63	79	65 124	590,813	3 896,621	6,595	6,125
14	30	98 859	34 767,497	465 452,673	13,388	12,917	64	80	62 300	524,541	3 305,809	6,302	5,832
15	31	98 819	32 253,709	430 685,176	13,353	12,882	65	81	59 253	463,009	2 781,268	6,007	5,536
16	32	98 771	29 919,547	398 431,467	13,317	12,846	66	82	55 986	406,010	2 318,258	5,710	5,239
17	33	98 716	27 751,886	368 511,920	13,279	12,808	67	83	52 458	353,064	1 912,248	5,416	4,945
18	34	98 655	25 739,925	340 760,034	13,239	12,768	68	84	48 666	303,986	1 559,184	5,129	4,658
19	35	98 579	23 870,224	315 020,108	13,197	12,727	69	85	44 667	258,939	1 255,198	4,847	4,377
20	36	98 493	22 134,060	291 149,884	13,154	12,683	70	86	40 503	217,912	996,259	4,572	4,101
21	37	98 406	20 523,783	269 015,824	13,108	12,637	71	87	36 215	180,827	778,347	4,304	3,834
22	38	98 316	19 030,277	248 492,041	13,058	12,587	72	88	31 813	147,421	597,520	4,053	3,583
23	39	98 221	17 644,324	229 461,763	13,005	12,534	73	89	27 467	118,127	450,099	3,810	3,340
24	40	98 115	16 357,711	211 817,440	12,949	12,478	74	90	23 239	92,756	331,973	3,579	3,108
25	41	98 008	15 164,610	195 459,729	12,889	12,419	75	91	19 202	71,130	239,217	3,363	2,892
26	42	97 893	14 057,357	180 295,119	12,826	12,355	76	92	15 468	53,175	168,087	3,161	2,690
27	43	97 771	13 030,000	166 237,762	12,758	12,287	77	93	12 090	38,575	114,911	2,979	2,508
28	44	97 640	12 076,542	153 207,763	12,686	12,216	78	94	9 173	27,162	76,336	2,810	2,340
29	45	97 502	11 192,148	141 131,221	12,610	12,139	79	95	6 752	18,556	49,174	2,650	2,179
30	46	97 349	10 370,852	129 939,073	12,529	12,059	80	96	4 786	12,207	30,619	2,508	2,038
31	47	97 183	9 608,446	119 568,221	12,444	11,973	81	97	3 257	7,709	18,412	2,388	1,918
32	48	97 001	8 900,656	109 959,775	12,354	11,883	82	98	2 154	4,732	10,703	2,262	1,791
33	49	96 794	8 242,899	101 059,119	12,260	11,789	83	99	1 365	2,783	5,971	2,145	1,675
34	50	96 564	7 631,784	92 816,221	12,162	11,691	84	100	826	1,562	3,187	2,040	1,570
35	51	96 318	7 064,834	85 184,436	12,058	11,587							
36	52	96 045	6 538,136	78 119,602	11,948	11,478							
37	53	95 749	6 049,152	71 581,466	11,833	11,363							
38	54	95 416	5 594,561	65 532,314	11,714	11,243							
39	55	95 057	5 172,607	59 937,753	11,588	11,117							
40	56	94 652	4 780,096	54 765,146	11,457	10,986							
41	57	94 215	4 415,811	49 985,050	11,320	10,849							
42	58	93 725	4 076,883	45 569,239	11,177	10,707							
43	59	93 201	3 762,529	41 492,356	11,028	10,557							
44	60	92 622	3 470,180	37 729,827	10,873	10,402							
45	61	91 987	3 198,518	34 259,647	10,711	10,240							
46	62	91 301	2 946,332	31 061,129	10,542	10,072							
47	63	90 555	2 712,070	28 114,796	10,367	9,896							
48	64	89 733	2 494,158	25 402,727	10,185	9,714							
49	65	88 835	2 291,584	22 908,569	9,997	9,526							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	1 357 907,963	13,638	13,168	50	67	87 094	2 085,099	20 114,409	9,647	9,176
1	18	99 214	92 078,286	1 258 343,623	13,666	13,195	51	68	86 002	1 910,858	18 029,310	9,435	8,965
2	19	99 174	85 420,965	1 166 265,337	13,653	13,182	52	69	84 820	1 749,042	16 118,453	9,216	8,745
3	20	99 145	79 253,423	1 080 844,372	13,638	13,167	53	70	83 506	1 598,086	14 369,411	8,992	8,521
4	21	99 117	73 532,304	1 001 590,948	13,621	13,150	54	71	82 085	1 457,916	12 771,325	8,760	8,289
5	22	99 089	68 224,065	928 058,644	13,603	13,132	55	72	80 546	1 327,680	11 313,408	8,521	8,051
6	23	99 063	63 300,621	859 834,579	13,583	13,113	56	73	78 891	1 206,864	9 985,729	8,274	7,803
7	24	99 038	58 732,779	796 533,957	13,562	13,091	57	74	77 079	1 094,339	8 778,864	8,022	7,551
8	25	99 012	54 494,129	737 801,179	13,539	13,068	58	75	75 142	990,102	7 684,526	7,761	7,291
9	26	98 985	50 560,914	683 307,050	13,515	13,044	59	76	73 061	893,445	6 694,424	7,493	7,022
10	27	98 960	46 912,153	632 746,136	13,488	13,017	60	77	70 822	803,772	5 800,978	7,217	6,747
11	28	98 932	43 525,587	585 833,983	13,460	12,989	61	78	68 466	721,147	4 997,206	6,930	6,459
12	29	98 901	40 382,572	542 308,395	13,429	12,959	62	79	65 898	644,172	4 276,059	6,638	6,167
13	30	98 868	37 465,460	501 925,824	13,397	12,926	63	80	63 117	572,611	3 631,887	6,343	5,872
14	31	98 831	34 757,665	464 460,364	13,363	12,892	64	81	60 103	506,045	3 059,277	6,045	5,575
15	32	98 787	32 243,323	429 702,698	13,327	12,856	65	82	56 859	444,297	2 553,232	5,747	5,276
16	33	98 738	29 909,497	397 459,375	13,289	12,818	66	83	53 354	386,927	2 108,935	5,450	4,980
17	34	98 681	27 742,167	367 549,878	13,249	12,778	67	84	49 562	333,576	1 722,008	5,162	4,692
18	35	98 617	25 730,098	339 807,712	13,207	12,736	68	85	45 562	284,596	1 388,432	4,879	4,408
19	36	98 533	23 859,078	314 077,614	13,164	12,693	69	86	41 376	239,857	1 103,836	4,602	4,131
20	37	98 446	22 123,506	290 218,536	13,118	12,647	70	87	37 049	199,329	863,980	4,334	3,864
21	38	98 356	20 513,420	268 095,030	13,069	12,599	71	88	32 626	162,908	664,651	4,080	3,609
22	39	98 262	19 019,732	247 581,610	13,017	12,546	72	89	28 208	130,717	501,743	3,838	3,368
23	40	98 157	17 632,843	228 561,878	12,962	12,492	73	90	23 929	102,911	371,026	3,605	3,135
24	41	98 053	16 347,355	210 929,034	12,903	12,432	74	91	19 820	79,110	268,114	3,389	2,918
25	42	97 937	15 153,495	194 581,679	12,841	12,370	75	92	16 016	59,328	189,005	3,186	2,715
26	43	97 814	14 046,014	179 428,185	12,774	12,304	76	93	12 561	43,181	129,677	3,003	2,532
27	44	97 684	13 018,329	165 382,170	12,704	12,233	77	94	9 558	30,495	86,495	2,836	2,366
28	45	97 547	12 065,119	152 363,841	12,628	12,158	78	95	7 068	20,930	56,001	2,676	2,205
29	46	97 397	11 180,109	140 298,722	12,549	12,078	79	96	5 035	13,838	35,071	2,534	2,064
30	47	97 234	10 358,571	129 118,613	12,465	11,994	80	97	3 449	8,797	21,233	2,414	1,943
31	48	97 056	9 595,961	118 760,042	12,376	11,905	81	98	2 297	5,437	12,436	2,287	1,817
32	49	96 854	8 887,152	109 164,081	12,283	11,813	82	99	1 467	3,222	6,999	2,172	1,701
33	50	96 631	8 229,017	100 276,929	12,186	11,715	83	100	897	1,828	3,776	2,066	1,595
34	51	96 386	7 617,712	92 047,912	12,083	11,613							
35	52	96 118	7 050,164	84 430,199	11,976	11,505							
36	53	95 834	6 523,723	77 380,035	11,861	11,391							
37	54	95 512	6 034,159	70 856,313	11,743	11,272							
38	55	95 154	5 579,152	64 822,154	11,619	11,148							
39	56	94 761	5 156,507	59 243,001	11,489	11,018							
40	57	94 331	4 763,932	54 086,494	11,353	10,883							
41	58	93 861	4 399,224	49 322,562	11,212	10,741							
42	59	93 334	4 059,868	44 923,338	11,065	10,595							
43	60	92 770	3 745,092	40 863,471	10,911	10,441							
44	61	92 147	3 452,389	37 118,379	10,752	10,281							
45	62	91 473	3 180,651	33 665,990	10,585	10,114							
46	63	90 742	2 928,295	30 485,339	10,411	9,940							
47	64	89 943	2 693,736	27 557,044	10,230	9,759							
48	65	89 068	2 475,679	24 863,308	10,043	9,572							
49	66	88 123	2 273,220	22 387,629	9,848	9,378							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	1 356 681,323	13,628	13,157	50	68	86 279	2 065,587	19 584,450	9,481	9,011
1	19	99 198	92 063,339	1 257 129,891	13,655	13,184	51	69	85 125	1 891,359	17 518,863	9,263	8,792
2	20	99 158	85 406,925	1 165 066,552	13,641	13,171	52	70	83 841	1 728,847	15 627,504	9,039	8,569
3	21	99 129	79 240,451	1 079 659,627	13,625	13,154	53	71	82 458	1 578,028	13 898,657	8,808	8,337
4	22	99 100	73 519,819	1 000 419,176	13,607	13,137	54	72	80 951	1 437,776	12 320,630	8,569	8,099
5	23	99 072	68 212,619	926 899,357	13,588	13,118	55	73	79 342	1 307,834	10 882,854	8,321	7,851
6	24	99 047	63 290,268	858 686,738	13,567	13,097	56	74	77 570	1 186,666	9 575,020	8,069	7,598
7	25	99 022	58 723,131	795 396,470	13,545	13,074	57	75	75 677	1 074,430	8 388,354	7,807	7,337
8	26	98 993	54 483,534	736 673,340	13,521	13,050	58	76	73 630	970,181	7 313,924	7,539	7,068
9	27	98 968	50 551,902	682 189,805	13,495	13,024	59	77	71 443	873,657	6 343,743	7,261	6,790
10	28	98 939	46 902,313	631 637,903	13,467	12,996	60	78	69 127	784,531	5 470,086	6,972	6,502
11	29	98 908	43 515,229	584 735,590	13,437	12,967	61	79	66 604	701,526	4 685,555	6,679	6,208
12	30	98 877	40 372,607	541 220,361	13,406	12,935	62	80	63 868	624,326	3 984,028	6,381	5,911
13	31	98 840	37 454,865	500 847,754	13,372	12,901	63	81	60 892	552,420	3 359,702	6,082	5,611
14	32	98 799	34 746,473	463 392,889	13,336	12,866	64	82	57 674	485,593	2 807,283	5,781	5,310
15	33	98 754	32 232,492	428 646,416	13,299	12,828	65	83	54 186	423,414	2 321,690	5,483	5,013
16	34	98 704	29 899,022	396 413,923	13,258	12,788	66	84	50 409	365,570	1 898,276	5,193	4,722
17	35	98 643	27 731,575	366 514,902	13,217	12,746	67	85	46 401	312,298	1 532,706	4,908	4,437
18	36	98 571	25 718,084	338 783,327	13,173	12,702	68	86	42 204	263,623	1 220,408	4,629	4,159
19	37	98 486	23 847,700	313 065,243	13,128	12,657	69	87	37 847	219,402	956,785	4,361	3,890
20	38	98 397	22 112,335	289 217,543	13,079	12,609	70	88	33 378	179,576	737,383	4,106	3,636
21	39	98 302	20 502,054	267 105,208	13,028	12,558	71	89	28 930	144,450	557,807	3,862	3,391
22	40	98 198	19 007,357	246 603,154	12,974	12,503	72	90	24 575	113,880	413,357	3,630	3,159
23	41	98 095	17 621,679	227 595,797	12,916	12,445	73	91	20 409	87,771	299,477	3,412	2,941
24	42	97 981	16 335,373	209 974,118	12,854	12,383	74	92	16 532	65,983	211,706	3,208	2,738
25	43	97 858	15 141,268	193 638,744	12,789	12,318	75	93	13 006	48,177	145,722	3,025	2,554
26	44	97 727	14 033,433	178 497,476	12,719	12,249	76	94	9 930	34,137	97,545	2,857	2,387
27	45	97 591	13 006,016	164 464,043	12,645	12,175	77	95	7 365	23,498	63,408	2,699	2,228
28	46	97 442	12 052,141	151 458,027	12,567	12,096	78	96	5 271	15,608	39,911	2,557	2,086
29	47	97 282	11 166,869	139 405,886	12,484	12,013	79	97	3 629	9,973	24,303	2,437	1,966
30	48	97 108	10 345,111	128 239,017	12,396	11,925	80	98	2 433	6,205	14,330	2,310	1,839
31	49	96 909	9 581,403	117 893,905	12,304	11,834	81	99	1 564	3,702	8,126	2,195	1,724
32	50	96 690	8 872,186	108 312,502	12,208	11,737	82	100	963	2,116	4,423	2,090	1,619
33	51	96 453	8 213,844	99 440,316	12,106	11,636							
34	52	96 185	7 601,894	91 226,473	12,000	11,530							
35	53	95 906	7 034,622	83 624,579	11,888	11,417							
36	54	95 596	6 507,553	76 589,956	11,769	11,299							
37	55	95 249	6 017,539	70 082,403	11,646	11,176							
38	56	94 857	5 561,788	64 064,864	11,519	11,048							
39	57	94 441	5 139,070	58 503,076	11,384	10,913							
40	58	93 977	4 746,037	53 364,006	11,244	10,773							
41	59	93 469	4 380,863	48 617,969	11,098	10,627							
42	60	92 901	4 041,053	44 237,105	10,947	10,476							
43	61	92 294	3 725,891	40 196,053	10,788	10,318							
44	62	91 632	3 433,104	36 470,162	10,623	10,152							
45	63	90 913	3 161,179	33 037,058	10,451	9,980							
46	64	90 129	2 908,499	29 875,879	10,272	9,801							
47	65	89 277	2 673,778	26 967,379	10,086	9,615							
48	66	88 355	2 455,840	24 293,601	9,892	9,422							
49	67	87 351	2 253,312	21 837,762	9,691	9,221							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	1 355 364,543	13,617	13,146	50	69	85 399	2 044,510	19 026,155	9,306	8,835
1	20	99 182	92 048,207	1 255 829,271	13,643	13,173	51	70	84 142	1 869,521	16 981,646	9,083	8,613
2	21	99 142	85 392,945	1 163 781,064	13,629	13,158	52	71	82 788	1 707,147	15 112,124	8,852	8,382
3	22	99 112	79 226,996	1 078 388,119	13,611	13,141	53	72	81 318	1 556,228	13 404,978	8,614	8,143
4	23	99 083	73 507,484	999 161,122	13,593	13,122	54	73	79 741	1 416,284	11 848,750	8,366	7,895
5	24	99 056	68 201,462	925 653,638	13,572	13,102	55	74	78 014	1 285,946	10 432,466	8,113	7,642
6	25	99 031	63 279,871	857 452,176	13,550	13,079	56	75	76 159	1 165,078	9 146,520	7,851	7,380
7	26	99 002	58 711,714	794 172,305	13,527	13,056	57	76	74 154	1 052,813	7 981,442	7,581	7,110
8	27	98 975	54 473,823	735 460,591	13,501	13,031	58	77	71 999	948,693	6 928,629	7,303	6,833
9	28	98 947	50 541,299	680 986,768	13,474	13,003	59	78	69 733	852,743	5 979,936	7,013	6,542
10	29	98 915	46 891,151	630 445,468	13,445	12,974	60	79	67 246	763,186	5 127,194	6,718	6,247
11	30	98 884	43 504,491	583 554,318	13,414	12,943	61	80	64 552	679,913	4 364,007	6,418	5,948
12	31	98 849	40 361,190	540 049,827	13,380	12,910	62	81	61 616	602,311	3 684,094	6,117	5,646
13	32	98 808	37 442,804	499 688,637	13,345	12,875	63	82	58 431	530,093	3 081,783	5,814	5,343
14	33	98 766	34 734,802	462 245,833	13,308	12,837	64	83	54 963	462,769	2 551,689	5,514	5,043
15	34	98 719	32 221,204	427 511,031	13,268	12,797	65	84	51 195	400,043	2 088,921	5,222	4,751
16	35	98 666	29 887,606	395 289,827	13,226	12,755	66	85	47 194	342,251	1 688,877	4,935	4,464
17	36	98 597	27 718,626	365 402,221	13,183	12,712	67	86	42 982	289,284	1 346,626	4,655	4,184
18	37	98 524	25 705,820	337 683,595	13,136	12,666	68	87	38 605	241,141	1 057,343	4,385	3,914
19	38	98 436	23 835,659	311 977,775	13,089	12,618	69	88	34 097	197,660	816,201	4,129	3,659
20	39	98 342	22 100,082	288 142,116	13,038	12,567	70	89	29 596	159,229	618,541	3,885	3,414
21	40	98 238	20 488,714	266 042,034	12,985	12,514	71	90	25 203	125,844	459,311	3,650	3,179
22	41	98 136	18 995,323	245 553,320	12,927	12,456	72	91	20 960	97,126	333,467	3,433	2,963
23	42	98 023	17 608,764	226 557,997	12,866	12,396	73	92	17 022	73,208	236,341	3,228	2,758
24	43	97 902	16 322,193	208 949,233	12,802	12,331	74	93	13 424	53,582	163,133	3,045	2,574
25	44	97 770	15 127,706	192 627,040	12,733	12,263	75	94	10 282	38,086	109,551	2,876	2,406
26	45	97 634	14 020,160	177 499,334	12,660	12,190	76	95	7 651	26,304	71,465	2,717	2,246
27	46	97 486	12 992,025	163 479,174	12,583	12,112	77	96	5 492	17,523	45,162	2,577	2,107
28	47	97 327	12 037,869	150 487,148	12,501	12,030	78	97	3 799	11,249	27,638	2,457	1,986
29	48	97 156	11 152,359	138 449,279	12,414	11,944	79	98	2 559	7,033	16,390	2,330	1,860
30	49	96 960	10 329,417	127 296,919	12,324	11,853	80	99	1 657	4,225	9,356	2,214	1,744
31	50	96 746	9 565,267	116 967,503	12,228	11,758	81	100	1 027	2,432	5,131	2,110	1,640
32	51	96 512	8 855,826	107 402,235	12,128	11,657							
33	52	96 253	8 196,787	98 546,409	12,023	11,552							
34	53	95 973	7 585,136	90 349,621	11,911	11,441							
35	54	95 668	7 017,187	82 764,485	11,795	11,324							
36	55	95 333	6 489,630	75 747,299	11,672	11,201							
37	56	94 952	5 998,810	69 257,669	11,545	11,075							
38	57	94 537	5 542,980	63 258,858	11,412	10,942							
39	58	94 086	5 119,766	57 715,878	11,273	10,802							
40	59	93 585	4 726,229	52 596,112	11,129	10,658							
41	60	93 036	4 360,560	47 869,883	10,978	10,507							
42	61	92 425	4 020,335	43 509,323	10,822	10,352							
43	62	91 778	3 705,078	39 488,988	10,658	10,187							
44	63	91 071	3 412,087	35 783,910	10,487	10,017							
45	64	90 299	3 139,809	32 371,824	10,310	9,839							
46	65	89 461	2 886,951	29 232,015	10,126	9,655							
47	66	88 561	2 652,351	26 345,064	9,933	9,462							
48	67	87 581	2 434,332	23 692,712	9,733	9,262							
49	68	86 534	2 232,225	21 258,380	9,523	9,053							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	1 353 954,094	13,605	13,134	50	70	84 413	2 020,903	18 439,025	9,124	8,653
1	21	99 166	92 033,141	1 254 435,182	13,630	13,160	51	71	83 086	1 846,055	16 418,122	8,894	8,423
2	22	99 125	85 378,446	1 162 402,042	13,615	13,144	52	72	81 645	1 683,563	14 572,067	8,655	8,185
3	23	99 095	79 213,704	1 077 023,596	13,596	13,126	53	73	80 103	1 532,966	12 888,504	8,408	7,937
4	24	99 067	73 495,461	997 809,892	13,576	13,106	54	74	78 407	1 392,581	11 355,538	8,154	7,684
5	25	99 040	68 190,259	924 314,431	13,555	13,084	55	75	76 595	1 262,552	9 962,957	7,891	7,420
6	26	99 011	63 267,569	856 124,172	13,532	13,061	56	76	74 627	1 141,637	8 700,405	7,621	7,150
7	27	98 985	58 701,249	792 856,604	13,507	13,036	57	77	72 512	1 029,494	7 558,769	7,342	6,872
8	28	98 954	54 462,398	734 155,354	13,480	13,009	58	78	70 276	925,982	6 529,274	7,051	6,581
9	29	98 923	50 529,271	679 692,957	13,451	12,981	59	79	67 836	829,542	5 603,292	6,755	6,284
10	30	98 891	46 879,580	629 163,686	13,421	12,950	60	80	65 174	739,674	4 773,750	6,454	5,983
11	31	98 856	43 492,188	582 284,106	13,388	12,918	61	81	62 276	655,939	4 034,076	6,150	5,679
12	32	98 817	40 348,194	538 791,918	13,354	12,883	62	82	59 126	577,969	3 378,138	5,845	5,374
13	33	98 775	37 430,227	498 443,724	13,317	12,846	63	83	55 684	505,178	2 800,169	5,543	5,072
14	34	98 731	34 722,637	461 013,497	13,277	12,806	64	84	51 929	437,226	2 294,991	5,249	4,778
15	35	98 681	32 208,902	426 290,861	13,235	12,765	65	85	47 930	374,525	1 857,765	4,960	4,490
16	36	98 620	29 873,651	394 081,959	13,192	12,721	66	86	43 716	317,029	1 483,240	4,679	4,208
17	37	98 550	27 705,408	364 208,308	13,146	12,675	67	87	39 316	264,614	1 166,211	4,407	3,937
18	38	98 474	25 692,840	336 502,900	13,097	12,626	68	88	34 780	217,246	901,597	4,150	3,679
19	39	98 382	23 822,451	310 810,060	13,047	12,576	69	89	30 233	175,265	684,351	3,905	3,434
20	40	98 278	22 085,703	286 987,608	12,994	12,524	70	90	25 784	138,720	509,087	3,670	3,199
21	41	98 175	20 475,742	264 901,905	12,937	12,467	71	91	21 496	107,330	370,367	3,451	2,980
22	42	98 064	18 981,401	244 426,163	12,877	12,406	72	92	17 482	81,010	263,037	3,247	2,776
23	43	97 944	17 594,556	225 444,763	12,813	12,343	73	93	13 823	59,448	182,026	3,062	2,591
24	44	97 815	16 307,573	207 850,207	12,746	12,275	74	94	10 613	42,359	122,578	2,894	2,423
25	45	97 677	15 113,398	191 542,633	12,674	12,203	75	95	7 922	29,347	80,219	2,733	2,263
26	46	97 529	14 005,079	176 429,236	12,598	12,127	76	96	5 706	19,616	50,872	2,593	2,123
27	47	97 371	12 976,640	162 424,157	12,517	12,046	77	97	3 958	12,629	31,256	2,475	2,004
28	48	97 201	12 022,228	149 447,516	12,431	11,960	78	98	2 679	7,933	18,627	2,348	1,877
29	49	97 008	11 135,440	137 425,288	12,341	11,871	79	99	1 743	4,790	10,694	2,233	1,762
30	50	96 797	10 312,021	126 289,848	12,247	11,776	80	100	1 088	2,775	5,905	2,128	1,657
31	51	96 568	9 547,630	115 977,827	12,147	11,677							
32	52	96 312	8 837,437	106 430,197	12,043	11,572							
33	53	96 041	8 178,718	97 592,760	11,933	11,462							
34	54	95 736	7 566,336	89 414,042	11,817	11,347							
35	55	95 405	6 997,859	81 847,706	11,696	11,225							
36	56	95 036	6 469,432	74 849,846	11,570	11,099							
37	57	94 631	5 978,525	68 380,415	11,438	10,967							
38	58	94 181	5 522,159	62 401,890	11,300	10,830							
39	59	93 693	5 098,399	56 879,731	11,156	10,686							
40	60	93 151	4 704,326	51 781,332	11,007	10,537							
41	61	92 559	4 338,205	47 077,007	10,852	10,381							
42	62	91 908	3 997,877	42 738,802	10,690	10,220							
43	63	91 217	3 682,395	38 740,926	10,521	10,050							
44	64	90 455	3 389,020	35 058,530	10,345	9,874							
45	65	89 630	3 116,547	31 669,510	10,162	9,691							
46	66	88 744	2 863,816	28 552,963	9,970	9,500							
47	67	87 786	2 629,123	25 689,147	9,771	9,300							
48	68	86 761	2 411,552	23 060,025	9,562	9,092							
49	69	85 651	2 209,448	20 648,473	9,346	8,875							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	1 352 442,899	13,592	13,121	50	71	83 353	1 995,537	17 823,582	8,932	8,461
1	22	99 149	92 017,514	1 252 940,277	13,616	13,146	51	72	81 938	1 820,553	15 828,045	8,694	8,223
2	23	99 108	85 364,121	1 160 922,763	13,600	13,129	52	73	80 424	1 658,397	14 007,492	8,446	7,976
3	24	99 079	79 200,748	1 075 558,642	13,580	13,109	53	74	78 762	1 507,310	12 349,094	8,193	7,722
4	25	99 051	73 483,388	996 357,894	13,559	13,088	54	75	76 980	1 367,247	10 841,784	7,930	7,459
5	26	99 020	68 177,001	922 874,506	13,536	13,066	55	76	75 054	1 237,149	9 474,537	7,658	7,188
6	27	98 994	63 256,292	854 697,505	13,512	13,041	56	77	72 974	1 116,351	8 237,388	7,379	6,908
7	28	98 964	58 688,937	791 441,213	13,485	13,015	57	78	70 776	1 004,850	7 121,037	7,087	6,616
8	29	98 931	54 449,436	732 752,276	13,457	12,987	58	79	68 364	900,789	6 116,187	6,790	6,319
9	30	98 899	50 516,802	678 302,840	13,427	12,957	59	80	65 746	803,985	5 215,399	6,487	6,016
10	31	98 863	46 866,323	627 786,038	13,395	12,925	60	81	62 876	713,592	4 411,414	6,182	5,711
11	32	98 824	43 478,184	580 919,715	13,361	12,891	61	82	59 759	629,429	3 697,822	5,875	5,404
12	33	98 784	40 334,640	537 441,531	13,325	12,854	62	83	56 347	550,803	3 068,393	5,571	5,100
13	34	98 740	37 417,118	497 106,891	13,286	12,815	63	84	52 611	477,294	2 517,591	5,275	4,804
14	35	98 694	34 709,380	459 689,773	13,244	12,773	64	85	48 617	409,336	2 040,297	4,984	4,514
15	36	98 635	32 193,862	424 980,393	13,201	12,730	65	86	44 398	346,925	1 630,960	4,701	4,231
16	37	98 573	29 859,405	392 786,531	13,155	12,684	66	87	39 988	289,993	1 284,035	4,428	3,957
17	38	98 501	27 691,419	362 927,126	13,106	12,635	67	88	35 420	238,392	994,042	4,170	3,699
18	39	98 420	25 678,604	335 235,707	13,055	12,584	68	89	30 839	192,631	755,650	3,923	3,452
19	40	98 318	23 806,951	309 557,103	13,003	12,532	69	90	26 339	152,690	563,019	3,687	3,217
20	41	98 216	22 071,720	285 750,152	12,946	12,476	70	91	21 991	118,312	410,330	3,468	2,998
21	42	98 103	20 460,735	263 678,432	12,887	12,416	71	92	17 929	89,521	292,018	3,262	2,791
22	43	97 985	18 966,085	243 217,697	12,824	12,353	72	93	14 196	65,785	202,497	3,078	2,608
23	44	97 856	17 578,797	224 251,612	12,757	12,286	73	94	10 928	46,996	136,712	2,909	2,438
24	45	97 722	16 292,149	206 672,815	12,685	12,215	74	95	8 177	32,639	89,715	2,749	2,278
25	46	97 572	15 097,141	190 380,666	12,610	12,140	75	96	5 908	21,885	57,076	2,608	2,137
26	47	97 414	13 988,494	175 283,526	12,531	12,060	76	97	4 112	14,137	35,191	2,489	2,019
27	48	97 244	12 959,779	161 295,031	12,446	11,975	77	98	2 792	8,907	21,054	2,364	1,893
28	49	97 053	12 003,989	148 335,252	12,357	11,887	78	99	1 824	5,402	12,147	2,249	1,778
29	50	96 845	11 116,687	136 331,264	12,264	11,793	79	100	1 145	3,145	6,745	2,144	1,674
30	51	96 619	10 293,007	125 214,576	12,165	11,694							
31	52	96 367	9 527,804	114 921,569	12,062	11,591							
32	53	96 099	8 817,956	105 393,765	11,952	11,482							
33	54	95 803	8 158,447	96 575,809	11,838	11,367							
34	55	95 472	7 545,496	88 417,363	11,718	11,247							
35	56	95 108	6 976,079	80 871,867	11,593	11,122							
36	57	94 715	6 447,555	73 895,787	11,461	10,990							
37	58	94 276	5 956,068	67 448,233	11,324	10,854							
38	59	93 788	5 499,112	61 492,165	11,182	10,712							
39	60	93 259	5 074,770	55 993,053	11,034	10,563							
40	61	92 674	4 680,207	50 918,283	10,879	10,409							
41	62	92 042	4 313,971	46 238,075	10,718	10,248							
42	63	91 346	3 973,402	41 924,105	10,551	10,081							
43	64	90 600	3 657,502	37 950,703	10,376	9,905							
44	65	89 785	3 363,912	34 293,201	10,194	9,724							
45	66	88 911	3 091,572	30 929,289	10,004	9,534							
46	67	87 967	2 838,735	27 837,718	9,806	9,336							
47	68	86 964	2 604,520	24 998,982	9,598	9,128							
48	69	85 876	2 386,944	22 394,463	9,382	8,911							
49	70	84 662	2 183,937	20 007,519	9,161	8,691							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	1 350 823,052	13,578	13,107	50	72	82 202	1 967,970	17 179,575	8,730	8,259
1	23	99 132	92 002,075	1 251 337,324	13,601	13,131	51	73	80 713	1 793,340	15 211,606	8,482	8,012
2	24	99 092	85 350,159	1 159 335,249	13,583	13,113	52	74	79 078	1 630,642	13 418,266	8,229	7,758
3	25	99 063	79 187,738	1 073 985,090	13,563	13,092	53	75	77 329	1 479,889	11 787,623	7,965	7,495
4	26	99 032	73 469,102	994 797,353	13,540	13,070	54	76	75 432	1 339,738	10 307,735	7,694	7,223
5	27	99 003	68 164,850	921 328,251	13,516	13,046	55	77	73 391	1 209,748	8 967,997	7,413	6,942
6	28	98 973	63 243,024	853 163,401	13,490	13,020	56	78	71 227	1 089,627	7 758,249	7,120	6,649
7	29	98 940	58 674,970	789 920,377	13,463	12,992	57	79	68 850	977,510	6 668,622	6,822	6,351
8	30	98 906	54 436,000	731 245,407	13,433	12,962	58	80	66 257	873,037	5 691,111	6,519	6,048
9	31	98 871	50 502,517	676 809,408	13,401	12,931	59	81	63 427	775,635	4 818,074	6,212	5,741
10	32	98 831	46 851,232	626 306,891	13,368	12,897	60	82	60 335	684,752	4 042,439	5,904	5,433
11	33	98 791	43 463,579	579 455,659	13,332	12,861	61	83	56 950	599,844	3 357,688	5,598	5,127
12	34	98 749	40 320,514	535 992,080	13,293	12,823	62	84	53 236	520,401	2 757,843	5,299	4,829
13	35	98 703	37 402,832	495 671,566	13,252	12,782	63	85	49 255	446,848	2 237,443	5,007	4,536
14	36	98 647	34 693,173	458 268,734	13,209	12,739	64	86	45 034	379,171	1 790,594	4,722	4,252
15	37	98 588	32 178,510	423 575,561	13,163	12,693	65	87	40 611	317,340	1 411,424	4,448	3,977
16	38	98 523	29 844,328	391 397,051	13,115	12,644	66	88	36 025	261,257	1 094,084	4,188	3,717
17	39	98 446	27 676,075	361 552,723	13,064	12,593	67	89	31 407	211,381	832,827	3,940	3,469
18	40	98 356	25 661,896	333 876,648	13,011	12,540	68	90	26 867	167,819	621,446	3,703	3,232
19	41	98 256	23 791,879	308 214,752	12,955	12,484	69	91	22 464	130,226	453,627	3,483	3,013
20	42	98 144	22 055,542	284 422,873	12,896	12,425	70	92	18 342	98,680	323,401	3,277	2,807
21	43	98 024	20 444,226	262 367,331	12,833	12,363	71	93	14 559	72,696	224,720	3,091	2,621
22	44	97 897	18 949,098	241 923,105	12,767	12,296	72	94	11 223	52,006	152,024	2,923	2,453
23	45	97 763	17 562,170	222 974,007	12,696	12,226	73	95	8 420	36,213	100,019	2,762	2,291
24	46	97 617	16 274,624	205 411,838	12,622	12,151	74	96	6 098	24,341	63,806	2,621	2,151
25	47	97 457	15 079,263	189 137,214	12,543	12,072	75	97	4 258	15,773	39,465	2,502	2,031
26	48	97 287	13 970,318	174 057,951	12,459	11,988	76	98	2 900	9,970	23,693	2,376	1,906
27	49	97 097	12 940,118	160 087,633	12,371	11,901	77	99	1 901	6,065	13,723	2,263	1,792
28	50	96 890	11 983,773	147 147,515	12,279	11,808	78	100	1 198	3,548	7,657	2,158	1,688
29	51	96 666	11 096,189	135 163,742	12,181	11,710							
30	52	96 418	10 271,633	124 067,553	12,079	11,608							
31	53	96 155	9 506,801	113 795,919	11,970	11,499							
32	54	95 861	8 796,100	104 289,118	11,856	11,386							
33	55	95 539	8 135,976	95 493,018	11,737	11,266							
34	56	95 175	7 522,012	87 357,042	11,614	11,143							
35	57	94 786	6 952,489	79 835,031	11,483	11,012							
36	58	94 359	6 423,336	72 882,542	11,347	10,876							
37	59	93 882	5 931,210	66 459,206	11,205	10,734							
38	60	93 354	5 473,626	60 527,996	11,058	10,587							
39	61	92 781	5 048,753	55 054,370	10,905	10,434							
40	62	92 156	4 654,063	50 005,617	10,745	10,274							
41	63	91 478	4 287,561	45 351,554	10,577	10,107							
42	64	90 728	3 946,541	41 063,993	10,405	9,934							
43	65	89 929	3 630,404	37 117,452	10,224	9,753							
44	66	89 066	3 336,954	33 487,048	10,035	9,565							
45	67	88 133	3 064,496	30 150,094	9,839	9,368							
46	68	87 144	2 812,171	27 085,597	9,632	9,161							
47	69	86 077	2 577,943	24 273,427	9,416	8,945							
48	70	84 884	2 359,384	21 695,484	9,195	8,725							
49	71	83 599	2 156,525	19 336,100	8,966	8,496							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	1 349 086,779	13,563	13,092	50	73	80 973	1 938,553	16 507,233	8,515	8,045
1	24	99 116	91 987,027	1 249 617,743	13,585	13,114	51	74	79 362	1 763,326	14 568,680	8,262	7,791
2	25	99 076	85 336,139	1 157 630,715	13,566	13,095	52	75	77 640	1 600,978	12 805,354	7,998	7,528
3	26	99 043	79 172,342	1 072 294,577	13,544	13,073	53	76	75 774	1 450,113	11 204,377	7,727	7,256
4	27	99 014	73 456,007	993 122,234	13,520	13,049	54	77	73 761	1 310,064	9 754,263	7,446	6,975
5	28	98 982	68 150,552	919 666,228	13,495	13,024	55	78	71 635	1 180,788	8 444,199	7,151	6,681
6	29	98 949	63 227,973	851 515,676	13,467	12,997	56	79	69 289	1 059,981	7 263,411	6,852	6,382
7	30	98 916	58 660,491	788 287,703	13,438	12,967	57	80	66 729	947,395	6 203,429	6,548	6,077
8	31	98 878	54 420,606	729 627,212	13,407	12,937	58	81	63 921	842,252	5 256,034	6,240	5,770
9	32	98 839	50 486,255	675 206,606	13,374	12,903	59	82	60 864	744,288	4 413,782	5,930	5,460
10	33	98 798	46 835,494	624 720,351	13,339	12,868	60	83	57 499	652,567	3 669,495	5,623	5,153
11	34	98 756	43 448,357	577 884,857	13,300	12,830	61	84	53 806	566,735	3 016,928	5,323	4,853
12	35	98 711	40 305,120	534 436,501	13,260	12,789	62	85	49 841	487,205	2 450,193	5,029	4,558
13	36	98 657	37 385,368	494 131,380	13,217	12,747	63	86	45 625	413,918	1 962,987	4,742	4,272
14	37	98 600	34 676,629	456 746,013	13,172	12,701	64	87	41 194	346,835	1 549,069	4,466	3,996
15	38	98 538	32 162,262	422 069,384	13,123	12,652	65	88	36 587	285,893	1 202,233	4,205	3,735
16	39	98 469	29 827,791	389 907,122	13,072	12,601	66	89	31 943	231,655	916,340	3,956	3,485
17	40	98 382	27 658,067	360 079,330	13,019	12,548	67	90	27 361	184,154	684,685	3,718	3,247
18	41	98 293	25 645,649	332 421,263	12,962	12,491	68	91	22 914	143,130	500,531	3,497	3,026
19	42	98 184	23 774,441	306 775,614	12,904	12,433	69	92	18 737	108,618	357,401	3,290	2,820
20	43	98 065	22 037,747	283 001,173	12,842	12,371	70	93	14 894	80,134	248,783	3,105	2,634
21	44	97 936	20 425,914	260 963,427	12,776	12,305	71	94	11 510	57,469	168,649	2,935	2,464
22	45	97 804	18 931,175	240 537,513	12,706	12,235	72	95	8 648	40,073	111,180	2,774	2,304
23	46	97 658	17 543,279	221 606,338	12,632	12,161	73	96	6 279	27,006	71,107	2,633	2,162
24	47	97 501	16 255,352	204 063,059	12,554	12,083	74	97	4 395	17,542	44,102	2,514	2,043
25	48	97 330	15 059,669	187 807,707	12,471	12,000	75	98	3 003	11,124	26,560	2,388	1,917
26	49	97 140	13 949,124	172 748,038	12,384	11,913	76	99	1 975	6,789	15,436	2,274	1,803
27	50	96 933	12 918,326	158 798,914	12,293	11,822	77	100	1 248	3,983	8,647	2,171	1,700
28	51	96 711	11 961,676	145 880,589	12,196	11,725							
29	52	96 466	11 073,148	133 918,912	12,094	11,623							
30	53	96 205	10 248,990	122 845,765	11,986	11,515							
31	54	95 916	9 483,238	112 596,774	11,873	11,403							
32	55	95 597	8 771,873	103 113,537	11,755	11,284							
33	56	95 241	8 110,654	94 341,664	11,632	11,161							
34	57	94 853	7 496,575	86 231,010	11,503	11,032							
35	58	94 430	6 926,374	78 734,434	11,367	10,897							
36	59	93 965	6 396,527	71 808,061	11,226	10,755							
37	60	93 447	5 903,722	65 411,534	11,080	10,609							
38	61	92 875	5 445,564	59 507,812	10,928	10,457							
39	62	92 262	5 020,550	54 062,247	10,768	10,298							
40	63	91 592	4 625,571	49 041,698	10,602	10,132							
41	64	90 860	4 258,576	44 416,127	10,430	9,959							
42	65	90 056	3 917,302	40 157,551	10,251	9,781							
43	66	89 208	3 601,311	36 240,249	10,063	9,592							
44	67	88 286	3 307,730	32 638,938	9,867	9,397							
45	68	87 308	3 035,819	29 331,208	9,662	9,191							
46	69	86 255	2 783,475	26 295,388	9,447	8,976							
47	70	85 083	2 548,177	23 511,913	9,227	8,756							
48	71	83 819	2 329,769	20 963,736	8,998	8,528							
49	72	82 444	2 126,733	18 633,966	8,762	8,291							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	1 347 224,849	13,546	13,076	50	74	79 618	1 906,109	15 806,443	8,293	7,822
1	25	99 100	91 971,917	1 247 772,082	13,567	13,096	51	75	77 918	1 731,248	13 900,334	8,029	7,558
2	26	99 057	85 319,548	1 155 800,165	13,547	13,076	52	76	76 078	1 568,766	12 169,086	7,757	7,286
3	27	99 026	79 158,231	1 070 480,617	13,523	13,053	53	77	74 095	1 417,995	10 600,320	7,476	7,005
4	28	98 993	73 440,600	991 322,386	13,498	13,028	54	78	71 995	1 278,703	9 182,325	7,181	6,710
5	29	98 958	68 134,333	917 881,787	13,472	13,001	55	79	69 686	1 148,662	7 903,622	6,881	6,410
6	30	98 925	63 212,371	849 747,454	13,443	12,972	56	80	67 155	1 027,325	6 754,960	6,575	6,105
7	31	98 888	58 643,902	786 535,083	13,412	12,941	57	81	64 376	913,988	5 727,635	6,267	5,796
8	32	98 847	54 403,083	727 891,181	13,380	12,909	58	82	61 338	808,212	4 813,647	5,956	5,485
9	33	98 806	50 469,296	673 488,098	13,345	12,874	59	83	58 003	709,304	4 005,434	5,647	5,176
10	34	98 763	46 819,091	623 018,803	13,307	12,836	60	84	54 325	616,548	3 296,130	5,346	4,875
11	35	98 718	43 431,768	576 199,712	13,267	12,796	61	85	50 374	530,584	2 679,582	5,050	4,580
12	36	98 665	40 286,300	532 767,943	13,225	12,754	62	86	46 168	451,301	2 148,998	4,762	4,291
13	37	98 610	37 367,540	492 481,643	13,179	12,709	63	87	41 734	378,620	1 697,696	4,484	4,013
14	38	98 551	34 659,120	455 114,103	13,131	12,660	64	88	37 111	312,466	1 319,076	4,222	3,751
15	39	98 484	32 144,441	420 454,984	13,080	12,610	65	89	32 442	253,500	1 006,610	3,971	3,500
16	40	98 404	29 808,384	388 310,543	13,027	12,556	66	90	27 829	201,817	753,110	3,732	3,261
17	41	98 320	27 640,556	358 502,158	12,970	12,499	67	91	23 336	157,062	551,293	3,510	3,039
18	42	98 221	25 626,852	330 861,602	12,911	12,440	68	92	19 112	119,380	394,231	3,302	2,832
19	43	98 104	23 755,258	305 234,750	12,849	12,378	69	93	15 215	88,204	274,851	3,116	2,645
20	44	97 977	22 018,008	281 479,492	12,784	12,313	70	94	11 775	63,349	186,647	2,946	2,476
21	45	97 844	20 406,594	259 461,484	12,715	12,244	71	95	8 869	44,283	123,298	2,784	2,314
22	46	97 699	18 910,811	239 054,890	12,641	12,171	72	96	6 449	29,884	79,016	2,644	2,173
23	47	97 542	17 522,504	220 144,079	12,564	12,093	73	97	4 525	19,463	49,132	2,524	2,054
24	48	97 375	16 234,230	202 621,575	12,481	12,010	74	98	3 100	12,372	29,669	2,398	1,927
25	49	97 182	15 036,822	186 387,345	12,395	11,925	75	99	2 045	7,575	17,297	2,283	1,813
26	50	96 976	13 925,632	171 350,523	12,305	11,834	76	100	1 297	4,459	9,722	2,180	1,710
27	51	96 755	12 894,506	157 424,890	12,209	11,738							
28	52	96 510	11 936,838	144 530,385	12,108	11,637							
29	53	96 253	11 048,738	132 593,547	12,001	11,530							
30	54	95 967	10 223,588	121 544,809	11,889	11,418							
31	55	95 652	9 457,118	111 321,221	11,771	11,300							
32	56	95 300	8 744,572	101 864,103	11,649	11,178							
33	57	94 919	8 083,227	93 119,532	11,520	11,049							
34	58	94 497	7 468,416	85 036,305	11,386	10,915							
35	59	94 036	6 897,466	77 567,889	11,246	10,775							
36	60	93 530	6 366,883	70 670,423	11,100	10,629							
37	61	92 968	5 873,455	64 303,540	10,948	10,478							
38	62	92 356	5 415,144	58 430,085	10,790	10,319							
39	63	91 698	4 989,814	53 014,941	10,625	10,154							
40	64	90 973	4 594,301	48 025,127	10,453	9,983							
41	65	90 187	4 227,025	43 430,825	10,275	9,804							
42	66	89 334	3 885,910	39 203,800	10,089	9,618							
43	67	88 427	3 569,772	35 317,890	9,894	9,423							
44	68	87 460	3 276,776	31 748,119	9,689	9,218							
45	69	86 417	3 004,842	28 471,342	9,475	9,004							
46	70	85 259	2 751,336	25 466,501	9,256	8,785							
47	71	84 015	2 516,193	22 715,164	9,028	8,557							
48	72	82 661	2 297,585	20 198,971	8,791	8,321							
49	73	81 212	2 094,943	17 901,386	8,545	8,074							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	1 345 227,094	13,529	13,058	50	75	78 170	1 871,433	15 078,376	8,057	7,586
1	26	99 080	91 954,036	1 245 790,664	13,548	13,077	51	76	76 351	1 696,415	13 206,943	7,785	7,315
2	27	99 039	85 304,341	1 153 836,628	13,526	13,055	52	77	74 393	1 534,020	11 510,528	7,504	7,033
3	28	99 005	79 141,627	1 068 532,287	13,502	13,031	53	78	72 322	1 384,051	9 976,509	7,208	6,738
4	29	98 970	73 423,121	989 390,659	13,475	13,005	54	79	70 036	1 243,913	8 592,458	6,908	6,437
5	30	98 934	68 117,520	915 967,538	13,447	12,976	55	80	67 539	1 113,274	7 348,545	6,601	6,130
6	31	98 897	63 194,495	847 850,018	13,417	12,946	56	81	64 787	991,100	6 235,271	6,291	5,821
7	32	98 856	58 625,019	784 655,523	13,384	12,914	57	82	61 774	877,049	5 244,172	5,979	5,509
8	33	98 813	54 384,808	726 030,504	13,350	12,879	58	83	58 455	770,225	4 367,122	5,670	5,199
9	34	98 771	50 451,620	671 645,696	13,313	12,842	59	84	54 802	670,154	3 596,898	5,367	4,897
10	35	98 726	46 801,216	621 194,076	13,273	12,802	60	85	50 860	577,219	2 926,744	5,070	4,600
11	36	98 672	43 411,489	574 392,861	13,231	12,761	61	86	46 662	491,484	2 349,524	4,780	4,310
12	37	98 618	40 267,089	530 981,372	13,186	12,716	62	87	42 231	412,815	1 858,041	4,501	4,030
13	38	98 560	37 348,672	490 714,283	13,139	12,668	63	88	37 599	341,101	1 445,226	4,237	3,766
14	39	98 496	34 639,915	453 365,611	13,088	12,617	64	89	32 907	277,062	1 104,125	3,985	3,514
15	40	98 420	32 123,526	418 725,696	13,035	12,564	65	90	28 263	220,848	827,063	3,745	3,274
16	41	98 342	29 789,512	386 602,170	12,978	12,507	66	91	23 735	172,126	606,215	3,522	3,051
17	42	98 248	27 620,297	356 812,658	12,918	12,448	67	92	19 464	131,001	434,089	3,314	2,843
18	43	98 142	25 606,175	329 192,361	12,856	12,385	68	93	15 520	96,943	303,088	3,126	2,656
19	44	98 016	23 733,981	303 586,186	12,791	12,321	69	94	12 028	69,729	206,145	2,956	2,486
20	45	97 884	21 997,182	279 852,205	12,722	12,252	70	95	9 073	48,813	136,416	2,795	2,324
21	46	97 739	20 384,644	257 855,023	12,649	12,179	71	96	6 614	33,024	87,603	2,653	2,182
22	47	97 583	18 888,417	237 470,380	12,572	12,102	72	97	4 648	21,537	54,579	2,534	2,064
23	48	97 416	17 499,736	218 581,963	12,491	12,020	73	98	3 192	13,726	33,042	2,407	1,937
24	49	97 227	16 209,601	201 082,226	12,405	11,934	74	99	2 111	8,425	19,316	2,293	1,822
25	50	97 019	15 011,499	184 872,626	12,315	11,845	75	100	1 343	4,975	10,891	2,189	1,719
26	51	96 797	13 899,955	169 861,126	12,220	11,750							
27	52	96 554	12 867,730	155 961,171	12,120	11,650							
28	53	96 297	11 910,524	143 093,441	12,014	11,543							
29	54	96 014	11 021,353	131 182,917	11,903	11,432							
30	55	95 703	10 195,429	120 161,565	11,786	11,315							
31	56	95 354	9 427,684	109 966,136	11,664	11,194							
32	57	94 977	8 715,001	100 538,452	11,536	11,066							
33	58	94 563	8 052,864	91 823,451	11,403	10,932							
34	59	94 102	7 437,246	83 770,587	11,264	10,793							
35	60	93 600	6 865,500	76 333,341	11,118	10,648							
36	61	93 050	6 334,241	69 467,841	10,967	10,496							
37	62	92 449	5 840,644	63 133,600	10,809	10,339							
38	63	91 791	5 381,993	57 292,955	10,645	10,175							
39	64	91 078	4 956,082	51 910,962	10,474	10,004							
40	65	90 299	4 560,263	46 954,880	10,297	9,826							
41	66	89 464	4 193,151	42 394,617	10,110	9,640							
42	67	88 552	3 851,878	38 201,466	9,918	9,447							
43	68	87 599	3 536,366	34 349,588	9,713	9,243							
44	69	86 567	3 243,340	30 813,222	9,500	9,030							
45	70	85 419	2 970,147	27 569,881	9,282	8,812							
46	71	84 189	2 716,802	24 599,734	9,055	8,584							
47	72	82 854	2 481,433	21 882,932	8,819	8,348							
48	73	81 425	2 263,241	19 401,499	8,572	8,102							
49	74	79 853	2 059,882	17 138,258	8,320	7,849							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	2 258,978	25 675,425	11,366	10,895
1	0	99 661	92 493,181	1 270 260,259	13,734	13,263	51	50	93 896	2 086,243	23 416,447	11,224	10,754
2	1	99 349	85 571,614	1 177 767,078	13,764	13,293	52	51	93 387	1 925,704	21 330,204	11,077	10,606
3	2	99 314	79 388,586	1 092 195,464	13,758	13,287	53	52	92 821	1 776,358	19 404,500	10,924	10,453
4	3	99 289	73 660,088	1 012 806,878	13,750	13,279	54	53	92 198	1 637,533	17 628,142	10,765	10,294
5	4	99 268	68 347,415	939 146,791	13,741	13,270	55	54	91 509	1 508,393	15 990,609	10,601	10,130
6	5	99 250	63 419,873	870 799,375	13,731	13,260	56	55	90 738	1 388,106	14 482,217	10,433	9,962
7	6	99 234	58 849,052	807 379,503	13,719	13,249	57	56	89 883	1 276,121	13 094,111	10,261	9,790
8	7	99 217	54 606,994	748 530,451	13,708	13,237	58	57	88 946	1 171,986	11 817,990	10,084	9,613
9	8	99 205	50 673,072	693 923,457	13,694	13,223	59	58	87 927	1 075,235	10 646,004	9,901	9,430
10	9	99 190	47 021,209	643 250,385	13,680	13,209	60	59	86 799	985,098	9 570,769	9,716	9,245
11	10	99 177	43 633,604	596 229,176	13,664	13,194	61	60	85 572	901,312	8 585,672	9,526	9,055
12	11	99 165	40 490,175	552 595,572	13,648	13,177	62	61	84 231	823,381	7 684,359	9,333	8,862
13	12	99 148	37 571,672	512 105,397	13,630	13,159	63	62	82 776	750,959	6 860,979	9,136	8,666
14	13	99 133	34 863,857	474 533,725	13,611	13,140	64	63	81 204	683,705	6 110,020	8,937	8,466
15	14	99 113	32 349,694	439 669,868	13,591	13,120	65	64	79 515	621,332	5 426,315	8,733	8,263
16	15	99 088	30 015,482	407 320,174	13,570	13,100	66	65	77 714	563,583	4 804,982	8,526	8,055
17	16	99 054	27 847,002	377 304,692	13,549	13,079	67	66	75 796	510,139	4 241,399	8,314	7,844
18	17	99 015	25 833,891	349 457,690	13,527	13,056	68	67	73 774	460,816	3 731,260	8,097	7,626
19	18	98 964	23 963,407	323 623,799	13,505	13,034	69	68	71 648	415,349	3 270,444	7,874	7,403
20	19	98 908	22 227,238	299 660,392	13,482	13,011	70	69	69 422	373,497	2 855,096	7,644	7,174
21	20	98 851	20 616,626	277 433,154	13,457	12,986	71	70	67 076	334,918	2 481,598	7,410	6,939
22	21	98 795	19 122,890	256 816,529	13,430	12,959	72	71	64 582	299,273	2 146,681	7,173	6,702
23	22	98 737	17 737,009	237 693,639	13,401	12,930	73	72	62 016	266,711	1 847,408	6,927	6,456
24	23	98 678	16 451,584	219 956,629	13,370	12,899	74	73	59 328	236,798	1 580,696	6,675	6,205
25	24	98 617	15 258,801	203 505,046	13,337	12,866	75	74	56 516	209,350	1 343,898	6,419	5,949
26	25	98 557	14 152,721	188 246,244	13,301	12,830	76	75	53 588	184,226	1 134,548	6,158	5,688
27	26	98 495	13 126,435	174 093,524	13,263	12,792	77	76	50 543	161,262	950,321	5,893	5,422
28	27	98 433	12 174,657	160 967,089	13,221	12,751	78	77	47 434	140,456	789,059	5,618	5,147
29	28	98 367	11 291,391	148 792,432	13,178	12,707	79	78	44 228	121,543	648,603	5,336	4,866
30	29	98 295	10 471,586	137 501,041	13,131	12,660	80	79	40 896	104,303	527,060	5,053	4,582
31	30	98 219	9 710,880	127 029,455	13,081	12,610	81	80	37 425	88,585	422,757	4,772	4,302
32	31	98 135	9 004,701	117 318,574	13,029	12,558	82	81	33 859	74,381	334,172	4,493	4,022
33	32	98 043	8 349,236	108 313,873	12,973	12,502	83	82	30 236	61,644	259,790	4,214	3,744
34	33	97 941	7 740,678	99 964,637	12,914	12,444	84	83	26 539	50,214	198,146	3,946	3,475
35	34	97 838	7 176,361	92 223,959	12,851	12,380	85	84	22 828	40,086	147,932	3,690	3,220
36	35	97 727	6 652,626	85 047,598	12,784	12,313	86	85	19 194	31,280	107,846	3,448	2,977
37	36	97 595	6 165,798	78 394,972	12,714	12,244	87	86	15 740	23,807	76,566	3,216	2,745
38	37	97 451	5 713,884	72 229,174	12,641	12,170	88	87	12 540	17,603	52,758	2,997	2,526
39	38	97 303	5 294,846	66 515,289	12,562	12,092	89	88	9 640	12,558	35,155	2,799	2,329
40	39	97 137	4 905,617	61 220,443	12,480	12,009	90	89	7 136	8,627	22,597	2,619	2,149
41	40	96 954	4 544,183	56 314,827	12,393	11,922	91	90	5 077	5,696	13,970	2,452	1,982
42	41	96 752	4 208,555	51 770,643	12,301	11,831	92	91	3 461	3,604	8,273	2,296	1,825
43	42	96 544	3 897,468	47 562,088	12,203	11,733	93	92	2 240	2,165	4,669	2,157	1,686
44	43	96 312	3 608,457	43 664,620	12,101	11,630	94	93	1 374	1,232	2,504	2,033	1,562
45	44	96 059	3 340,115	40 056,163	11,992	11,522	95	94	793	0,660	1,272	1,928	1,457
46	45	95 788	3 091,123	36 716,048	11,878	11,407	96	95	433	0,335	0,612	1,830	1,359
47	46	95 488	2 859,795	33 624,925	11,758	11,287	97	96	221	0,159	0,278	1,749	1,279
48	47	95 152	2 644,778	30 765,130	11,632	11,162	98	97	106	0,071	0,119	1,680	1,209
49	48	94 779	2 444,927	28 120,353	11,502	11,031	99	98	49	0,030	0,048	1,603	1,132
							100	99	21	0,012	0,018	1,541	1,070

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	2 262,410	25 816,315	11,411	10,940
1							51	49	94 054	2 089,763	23 553,905	11,271	10,800
2	0	99 637	85 819,794	1 178 317,868	13,730	13,259	52	50	93 560	1 929,261	21 464,143	11,126	10,655
3	1	99 336	79 406,247	1 092 498,074	13,758	13,288	53	51	93 014	1 780,054	19 534,882	10,974	10,504
4	2	99 302	73 669,768	1 013 091,827	13,752	13,281	54	52	92 402	1 641,151	17 754,827	10,819	10,348
5	3	99 278	68 354,230	939 422,059	13,743	13,273	55	53	91 737	1 512,141	16 113,677	10,656	10,186
6	4	99 259	63 425,711	871 067,829	13,734	13,263	56	54	90 989	1 391,939	14 601,536	10,490	10,019
7	5	99 241	58 853,051	807 642,118	13,723	13,252	57	55	90 163	1 280,106	13 209,597	10,319	9,848
8	6	99 224	54 610,982	748 789,068	13,711	13,241	58	56	89 247	1 175,963	11 929,491	10,144	9,674
9	7	99 210	50 675,485	694 178,086	13,698	13,228	59	57	88 259	1 079,289	10 753,528	9,964	9,493
10	8	99 197	47 024,598	643 502,600	13,684	13,214	60	58	87 163	989,226	9 674,240	9,780	9,309
11	9	99 182	43 635,923	596 478,002	13,669	13,199	61	59	85 970	905,509	8 685,013	9,591	9,121
12	10	99 170	40 492,426	552 842,079	13,653	13,182	62	60	84 665	827,624	7 779,505	9,400	8,929
13	11	99 156	37 574,561	512 349,653	13,636	13,165	63	61	83 241	755,177	6 951,881	9,206	8,735
14	12	99 139	34 866,061	474 775,092	13,617	13,146	64	62	81 704	687,917	6 196,704	9,008	8,537
15	13	99 121	32 352,251	439 909,031	13,597	13,127	65	63	80 056	625,561	5 508,787	8,806	8,335
16	14	99 097	30 018,251	407 556,780	13,577	13,107	66	64	78 294	567,790	4 883,226	8,600	8,130
17	15	99 066	27 850,226	377 538,529	13,556	13,085	67	65	76 408	514,260	4 315,436	8,392	7,921
18	16	99 028	25 837,194	349 688,303	13,534	13,064	68	66	74 426	464,887	3 801,176	8,177	7,706
19	17	98 977	23 966,514	323 851,109	13,513	13,042	69	67	72 325	419,272	3 336,289	7,957	7,487
20	18	98 924	22 230,846	299 884,595	13,490	13,019	70	68	70 138	377,348	2 917,016	7,730	7,260
21	19	98 867	20 620,015	277 653,748	13,465	12,995	71	69	67 859	338,830	2 539,669	7,495	7,025
22	20	98 811	19 126,021	257 033,733	13,439	12,968	72	70	65 403	303,077	2 200,839	7,262	6,791
23	21	98 753	17 740,021	237 907,712	13,411	12,940	73	71	62 885	270,447	1 897,761	7,017	6,546
24	22	98 695	16 454,345	220 167,691	13,381	12,910	74	72	60 228	240,392	1 627,314	6,769	6,299
25	23	98 633	15 261,297	203 713,346	13,348	12,878	75	73	57 478	212,913	1 386,922	6,514	6,043
26	24	98 574	14 155,046	188 452,049	13,313	12,843	76	74	54 581	187,640	1 174,009	6,257	5,786
27	25	98 514	13 128,987	174 297,003	13,276	12,805	77	75	51 581	164,573	986,369	5,993	5,523
28	26	98 451	12 176,827	161 168,016	13,236	12,765	78	76	48 508	143,637	821,796	5,721	5,251
29	27	98 387	11 293,759	148 991,189	13,192	12,722	79	77	45 313	124,524	678,158	5,446	4,975
30	28	98 318	10 474,079	137 697,429	13,146	12,676	80	78	42 040	107,221	553,634	5,164	4,693
31	29	98 243	9 713,277	127 223,350	13,098	12,627	81	79	38 615	91,401	446,414	4,884	4,413
32	30	98 162	9 007,248	117 510,073	13,046	12,576	82	80	35 097	77,100	355,013	4,605	4,134
33	31	98 075	8 351,926	108 502,825	12,991	12,521	83	81	31 510	64,240	277,913	4,326	3,855
34	32	97 974	7 743,279	100 150,899	12,934	12,463	84	82	27 848	52,691	213,672	4,055	3,585
35	33	97 873	7 178,875	92 407,620	12,872	12,401	85	83	24 161	42,428	160,981	3,794	3,324
36	34	97 764	6 655,167	85 228,745	12,806	12,336	86	84	20 501	33,411	118,554	3,548	3,078
37	35	97 641	6 168,679	78 573,578	12,738	12,267	87	85	16 993	25,701	85,142	3,313	2,842
38	36	97 498	5 716,610	72 404,899	12,666	12,195	88	86	13 709	19,244	59,441	3,089	2,618
39	37	97 352	5 297,521	66 688,289	12,589	12,118	89	87	10 700	13,940	40,197	2,884	2,413
40	38	97 191	4 908,336	61 390,768	12,507	12,037	90	88	8 047	9,730	26,257	2,699	2,228
41	39	97 017	4 547,142	56 482,431	12,422	11,951	91	89	5 827	6,539	16,527	2,528	2,057
42	40	96 813	4 211,221	51 935,289	12,333	11,862	92	90	4 058	4,226	9,989	2,364	1,893
43	41	96 615	3 900,326	47 724,068	12,236	11,765	93	91	2 686	2,596	5,763	2,220	1,749
44	42	96 390	3 611,371	43 823,742	12,135	11,664	94	92	1 691	1,517	3,167	2,088	1,617
45	43	96 145	3 343,110	40 212,370	12,028	11,558	95	93	1 003	0,835	1,650	1,976	1,506
46	44	95 879	3 094,049	36 869,261	11,916	11,446	96	94	562	0,434	0,815	1,877	1,406
47	45	95 590	2 862,874	33 775,211	11,798	11,327	97	95	297	0,213	0,381	1,789	1,318
48	46	95 265	2 647,913	30 912,337	11,674	11,204	98	96	148	0,098	0,168	1,709	1,239
49	47	94 902	2 448,108	28 264,424	11,545	11,075	99	97	69	0,043	0,070	1,637	1,166
							100	98	30	0,017	0,027	1,571	1,100

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	2 265,354	25 945,402	11,453	10,982
1							51	48	94 197	2 092,938	23 680,048	11,314	10,844
2							52	49	93 718	1 932,516	21 587,110	11,170	10,700
3	0	99 624	79 636,545	1 093 004,510	13,725	13,254	53	50	93 186	1 783,343	19 654,595	11,021	10,551
4	1	99 324	73 686,157	1 013 367,964	13,752	13,282	54	51	92 594	1 644,566	17 871,252	10,867	10,396
5	2	99 291	68 363,213	939 681,808	13,745	13,275	55	52	91 939	1 515,481	16 226,687	10,707	10,237
6	3	99 269	63 432,035	871 318,594	13,736	13,266	56	53	91 215	1 395,398	14 711,205	10,543	10,072
7	4	99 250	58 858,469	807 886,559	13,726	13,255	57	54	90 412	1 283,641	13 315,807	10,373	9,903
8	5	99 231	54 614,693	749 028,090	13,715	13,244	58	55	89 526	1 179,634	12 032,166	10,200	9,729
9	6	99 217	50 679,186	694 413,398	13,702	13,231	59	56	88 558	1 082,951	10 852,532	10,021	9,551
10	7	99 202	47 026,838	643 734,212	13,689	13,218	60	57	87 492	992,956	9 769,581	9,839	9,368
11	8	99 189	43 639,068	596 707,374	13,674	13,203	61	58	86 330	909,304	8 776,625	9,652	9,181
12	9	99 175	40 494,578	553 068,306	13,658	13,187	62	59	85 059	831,477	7 867,321	9,462	8,991
13	10	99 161	37 576,650	512 573,728	13,641	13,170	63	60	83 670	759,069	7 035,844	9,269	8,798
14	11	99 147	34 868,742	474 997,077	13,622	13,152	64	61	82 163	691,781	6 276,775	9,073	8,603
15	12	99 127	32 354,295	440 128,335	13,603	13,133	65	62	80 549	629,414	5 584,994	8,873	8,403
16	13	99 105	30 020,624	407 774,040	13,583	13,112	66	63	78 827	571,654	4 955,580	8,669	8,198
17	14	99 075	27 852,795	377 753,415	13,562	13,092	67	64	76 979	518,099	4 383,925	8,462	7,991
18	15	99 039	25 840,186	349 900,620	13,541	13,070	68	65	75 027	468,642	3 865,827	8,249	7,778
19	16	98 989	23 969,578	324 060,434	13,520	13,049	69	66	72 964	422,977	3 397,184	8,032	7,561
20	17	98 937	22 233,729	300 090,856	13,497	13,026	70	67	70 800	380,912	2 974,207	7,808	7,337
21	18	98 883	20 623,363	277 857,127	13,473	13,002	71	68	68 559	342,323	2 593,295	7,576	7,105
22	19	98 827	19 129,165	257 233,764	13,447	12,977	72	69	66 167	306,618	2 250,972	7,341	6,871
23	20	98 769	17 742,926	238 104,599	13,420	12,949	73	70	63 684	273,885	1 944,355	7,099	6,628
24	21	98 712	16 457,139	220 361,674	13,390	12,919	74	71	61 072	243,759	1 670,469	6,853	6,382
25	22	98 650	15 263,858	203 904,535	13,359	12,888	75	72	58 350	216,144	1 426,710	6,601	6,130
26	23	98 590	14 157,361	188 640,676	13,325	12,854	76	73	55 510	190,834	1 210,566	6,344	5,873
27	24	98 530	13 131,144	174 483,315	13,288	12,817	77	74	52 537	167,623	1 019,732	6,084	5,613
28	25	98 470	12 179,195	161 352,171	13,248	12,778	78	75	49 504	146,587	852,110	5,813	5,342
29	26	98 405	11 295,773	149 172,976	13,206	12,735	79	76	46 339	127,345	705,523	5,540	5,070
30	27	98 339	10 476,276	137 877,203	13,161	12,690	80	77	43 071	109,850	578,178	5,263	4,793
31	28	98 266	9 715,590	127 400,926	13,113	12,642	81	78	39 695	93,957	468,328	4,984	4,514
32	29	98 187	9 009,471	117 685,337	13,062	12,592	82	79	36 213	79,551	374,371	4,706	4,235
33	30	98 102	8 354,288	108 675,865	13,008	12,538	83	80	32 661	66,588	294,820	4,427	3,957
34	31	98 006	7 745,773	100 321,577	12,952	12,481	84	81	29 020	54,910	228,231	4,156	3,686
35	32	97 905	7 181,287	92 575,804	12,891	12,421	85	82	25 353	44,520	173,321	3,893	3,422
36	33	97 799	6 657,499	85 394,517	12,827	12,356	86	83	21 699	35,363	128,801	3,642	3,172
37	34	97 678	6 171,035	78 737,018	12,759	12,288	87	84	18 150	27,453	93,438	3,404	2,933
38	35	97 543	5 719,281	72 565,983	12,688	12,217	88	85	14 800	20,775	65,985	3,176	2,706
39	36	97 399	5 300,048	66 846,702	12,612	12,142	89	86	11 698	15,239	45,210	2,967	2,496
40	37	97 240	4 910,816	61 546,654	12,533	12,062	90	87	8 933	10,800	29,971	2,775	2,304
41	38	97 071	4 549,663	56 635,838	12,448	11,978	91	88	6 572	7,374	19,171	2,600	2,129
42	39	96 876	4 213,963	52 086,175	12,360	11,890	92	89	4 658	4,850	11,797	2,432	1,961
43	40	96 676	3 902,797	47 872,212	12,266	11,795	93	90	3 149	3,044	6,946	2,282	1,812
44	41	96 461	3 614,020	43 969,414	12,166	11,696	94	91	2 028	1,819	3,903	2,146	1,675
45	42	96 223	3 345,809	40 355,394	12,061	11,591	95	92	1 235	1,028	2,084	2,027	1,556
46	43	95 965	3 096,823	37 009,585	11,951	11,480	96	93	711	0,549	1,056	1,922	1,451
47	44	95 681	2 865,584	33 912,762	11,835	11,364	97	94	385	0,276	0,506	1,833	1,362
48	45	95 368	2 650,765	31 047,177	11,713	11,242	98	95	198	0,132	0,230	1,746	1,275
49	46	95 015	2 451,011	28 396,413	11,586	11,115	99	96	96	0,059	0,098	1,664	1,193
							100	97	43	0,024	0,039	1,602	1,131

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	2 268,040	26 063,577	11,492	11,021
1							51	47	94 320	2 095,661	23 795,538	11,355	10,884
2							52	48	93 860	1 935,452	21 699,877	11,212	10,741
3							53	49	93 343	1 786,351	19 764,425	11,064	10,593
4	0	99 612	73 899,866	1 013 833,551	13,719	13,248	54	50	92 765	1 647,604	17 978,074	10,912	10,441
5	1	99 313	68 378,422	939 933,685	13,746	13,275	55	51	92 131	1 518,635	16 330,471	10,753	10,283
6	2	99 282	63 440,372	871 555,264	13,738	13,268	56	52	91 416	1 398,481	14 811,836	10,591	10,121
7	3	99 260	58 864,337	808 114,892	13,728	13,258	57	53	90 637	1 286,831	13 413,355	10,424	9,953
8	4	99 240	54 619,720	749 250,555	13,718	13,247	58	54	89 773	1 182,892	12 126,524	10,252	9,781
9	5	99 224	50 682,629	694 630,835	13,706	13,235	59	55	88 835	1 086,332	10 943,632	10,074	9,603
10	6	99 209	47 030,272	643 948,205	13,692	13,222	60	56	87 789	996,325	9 857,300	9,894	9,423
11	7	99 194	43 641,147	596 917,933	13,678	13,207	61	57	86 656	912,732	8 860,975	9,708	9,238
12	8	99 183	40 497,497	553 276,786	13,662	13,191	62	58	85 416	834,962	7 948,243	9,519	9,049
13	9	99 167	37 578,648	512 779,290	13,645	13,175	63	59	84 060	762,603	7 113,281	9,328	8,857
14	10	99 152	34 870,681	475 200,642	13,628	13,157	64	60	82 586	695,346	6 350,678	9,133	8,662
15	11	99 134	32 356,784	440 329,961	13,609	13,138	65	61	81 001	632,950	5 655,332	8,935	8,464
16	12	99 111	30 022,522	407 973,177	13,589	13,118	66	62	79 312	575,176	5 022,381	8,732	8,261
17	13	99 082	27 854,997	377 950,656	13,569	13,098	67	63	77 503	521,625	4 447,206	8,526	8,055
18	14	99 048	25 842,570	350 095,659	13,547	13,077	68	64	75 587	472,140	3 925,581	8,314	7,844
19	15	99 001	23 972,354	324 253,089	13,526	13,055	69	65	73 553	426,394	3 453,440	8,099	7,629
20	16	98 949	22 236,572	300 280,735	13,504	13,033	70	66	71 426	384,278	3 027,047	7,877	7,407
21	17	98 896	20 626,037	278 044,163	13,480	13,010	71	67	69 206	345,557	2 642,769	7,648	7,177
22	18	98 843	19 132,270	257 418,127	13,455	12,984	72	68	66 849	309,778	2 297,212	7,416	6,945
23	19	98 786	17 745,843	238 285,856	13,428	12,957	73	69	64 428	277,084	1 987,434	7,173	6,702
24	20	98 728	16 459,833	220 540,014	13,399	12,928	74	70	61 848	246,858	1 710,349	6,928	6,458
25	21	98 667	15 266,451	204 080,181	13,368	12,897	75	71	59 167	219,172	1 463,492	6,677	6,207
26	22	98 606	14 159,737	188 813,730	13,335	12,864	76	72	56 352	193,730	1 244,320	6,423	5,952
27	23	98 546	13 133,293	174 653,993	13,299	12,828	77	73	53 431	170,476	1 050,590	6,163	5,692
28	24	98 486	12 181,196	161 520,701	13,260	12,789	78	74	50 422	149,303	880,114	5,895	5,424
29	25	98 424	11 297,969	149 339,504	13,218	12,748	79	75	47 290	129,959	730,812	5,623	5,153
30	26	98 356	10 478,144	138 041,535	13,174	12,704	80	76	44 046	112,338	600,852	5,349	4,878
31	27	98 287	9 717,628	127 563,391	13,127	12,656	81	77	40 668	96,262	488,514	5,075	4,604
32	28	98 210	9 011,616	117 845,763	13,077	12,606	82	78	37 226	81,776	392,252	4,797	4,326
33	29	98 127	8 356,350	108 834,147	13,024	12,553	83	79	33 700	68,705	310,476	4,519	4,048
34	30	98 034	7 747,964	100 477,797	12,968	12,498	84	80	30 081	56,917	241,771	4,248	3,777
35	31	97 937	7 183,600	92 729,833	12,909	12,438	85	81	26 421	46,396	184,854	3,984	3,514
36	32	97 832	6 659,736	85 546,233	12,845	12,375	86	82	22 769	37,108	138,459	3,731	3,261
37	33	97 712	6 173,197	78 886,497	12,779	12,308	87	83	19 211	29,056	101,351	3,488	3,017
38	34	97 581	5 721,465	72 713,300	12,709	12,238	88	84	15 808	22,191	72,295	3,258	2,787
39	35	97 444	5 302,524	66 991,834	12,634	12,163	89	85	12 628	16,452	50,104	3,046	2,575
40	36	97 286	4 913,159	61 689,310	12,556	12,085	90	86	9 765	11,807	33,652	2,850	2,380
41	37	97 120	4 551,962	56 776,151	12,473	12,002	91	87	7 295	8,185	21,846	2,669	2,198
42	38	96 930	4 216,299	52 224,190	12,386	11,916	92	88	5 253	5,470	13,660	2,497	2,027
43	39	96 739	3 905,338	48 007,890	12,293	11,822	93	89	3 615	3,493	8,190	2,344	1,874
44	40	96 522	3 616,310	44 102,552	12,195	11,725	94	90	2 378	2,133	4,697	2,202	1,732
45	41	96 294	3 348,264	40 486,243	12,092	11,621	95	91	1 481	1,233	2,564	2,080	1,610
46	42	96 042	3 099,324	37 137,979	11,983	11,512	96	92	876	0,677	1,332	1,968	1,498
47	43	95 767	2 868,153	34 038,655	11,868	11,397	97	93	487	0,349	0,655	1,874	1,404
48	44	95 458	2 653,274	31 170,502	11,748	11,277	98	94	257	0,171	0,306	1,786	1,316
49	45	95 117	2 453,650	28 517,227	11,622	11,152	99	95	128	0,079	0,135	1,697	1,227
							100	96	59	0,034	0,055	1,627	1,156

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	2 270,482	26 171,680	11,527	11,056
1							51	46	94 431	2 098,145	23 901,199	11,392	10,921
2							52	47	93 982	1 937,970	21 803,053	11,250	10,780
3							53	48	93 485	1 789,065	19 865,083	11,104	10,633
4							54	49	92 922	1 650,383	18 076,018	10,953	10,482
5	0	99 601	68 576,737	940 361,669	13,713	13,242	55	50	92 301	1 521,440	16 425,635	10,796	10,325
6	1	99 304	63 454,485	871 784,932	13,739	13,268	56	51	91 607	1 401,391	14 904,195	10,635	10,165
7	2	99 273	58 872,073	808 330,448	13,730	13,260	57	52	90 837	1 289,674	13 502,804	10,470	9,999
8	3	99 250	54 625,167	749 458,374	13,720	13,249	58	53	89 996	1 185,831	12 213,131	10,299	9,829
9	4	99 233	50 687,295	694 833,208	13,708	13,238	59	54	89 080	1 089,332	11 027,299	10,123	9,652
10	5	99 216	47 033,467	644 145,913	13,695	13,225	60	55	88 063	999,436	9 937,967	9,944	9,473
11	6	99 201	43 644,334	597 112,445	13,681	13,211	61	56	86 950	915,829	8 938,531	9,760	9,289
12	7	99 187	40 499,425	553 468,111	13,666	13,195	62	57	85 738	838,110	8 022,702	9,572	9,102
13	8	99 174	37 581,356	512 968,686	13,650	13,179	63	58	84 412	765,799	7 184,592	9,382	8,911
14	9	99 157	34 872,534	475 387,330	13,632	13,161	64	59	82 971	698,583	6 418,792	9,188	8,718
15	10	99 140	32 358,583	440 514,795	13,614	13,143	65	60	81 419	636,212	5 720,209	8,991	8,520
16	11	99 119	30 024,831	408 156,213	13,594	13,123	66	61	79 758	578,407	5 083,997	8,790	8,319
17	12	99 089	27 856,758	378 131,382	13,574	13,103	67	62	77 980	524,838	4 505,590	8,585	8,114
18	13	99 056	25 844,612	350 274,625	13,553	13,082	68	63	76 101	475,354	3 980,752	8,374	7,904
19	14	99 010	23 974,565	324 430,012	13,532	13,062	69	64	74 102	429,576	3 505,398	8,160	7,689
20	15	98 961	22 239,147	300 455,447	13,510	13,040	70	65	72 003	387,382	3 075,822	7,940	7,469
21	16	98 909	20 628,674	278 216,300	13,487	13,016	71	66	69 818	348,610	2 688,440	7,712	7,241
22	17	98 856	19 134,751	257 587,626	13,462	12,991	72	67	67 481	312,705	2 339,830	7,483	7,012
23	18	98 802	17 748,723	238 452,875	13,435	12,964	73	68	65 092	279,941	2 027,126	7,241	6,771
24	19	98 744	16 462,539	220 704,151	13,406	12,936	74	69	62 570	249,741	1 747,185	6,996	6,525
25	20	98 683	15 268,950	204 241,612	13,376	12,906	75	70	59 919	221,958	1 497,443	6,747	6,276
26	21	98 623	14 162,142	188 972,663	13,344	12,873	76	71	57 141	196,443	1 275,485	6,493	6,022
27	22	98 563	13 135,496	174 810,521	13,308	12,838	77	72	54 242	173,063	1 079,042	6,235	5,764
28	23	98 502	12 183,189	161 675,025	13,270	12,800	78	73	51 280	151,844	905,979	5,967	5,496
29	24	98 440	11 299,826	149 491,836	13,230	12,759	79	74	48 167	132,368	754,135	5,697	5,227
30	25	98 376	10 480,182	138 192,010	13,186	12,715	80	75	44 951	114,645	621,768	5,423	4,953
31	26	98 304	9 719,360	127 711,829	13,140	12,669	81	76	41 589	98,442	507,123	5,151	4,681
32	27	98 231	9 013,507	117 992,469	13,091	12,620	82	77	38 138	83,781	408,680	4,878	4,407
33	28	98 150	8 358,340	108 978,962	13,038	12,568	83	78	34 642	70,627	324,899	4,600	4,130
34	29	98 058	7 749,876	100 620,622	12,984	12,513	84	79	31 037	58,726	254,273	4,330	3,859
35	30	97 965	7 185,632	92 870,746	12,925	12,454	85	80	27 386	48,091	195,546	4,066	3,595
36	31	97 863	6 661,881	85 685,114	12,862	12,391	86	81	23 728	38,670	147,455	3,813	3,342
37	32	97 745	6 175,271	79 023,233	12,797	12,326	87	82	20 158	30,489	108,785	3,568	3,097
38	33	97 615	5 723,470	72 847,961	12,728	12,257	88	83	16 732	23,487	78,295	3,334	2,863
39	34	97 482	5 304,549	67 124,492	12,654	12,183	89	84	13 489	17,573	54,808	3,119	2,648
40	35	97 332	4 915,454	61 819,942	12,577	12,106	90	85	10 542	12,746	37,236	2,921	2,451
41	36	97 166	4 554,133	56 904,488	12,495	12,024	91	86	7 975	8,948	24,489	2,737	2,266
42	37	96 979	4 218,429	52 350,355	12,410	11,939	92	87	5 831	6,072	15,541	2,560	2,089
43	38	96 793	3 907,504	48 131,925	12,318	11,847	93	88	4 077	3,940	9,469	2,403	1,933
44	39	96 585	3 618,664	44 224,422	12,221	11,751	94	89	2 729	2,448	5,529	2,259	1,788
45	40	96 355	3 350,385	40 605,758	12,120	11,649	95	90	1 736	1,445	3,081	2,132	1,662
46	41	96 113	3 101,597	37 255,373	12,012	11,541	96	91	1 050	0,811	1,636	2,017	1,547
47	42	95 844	2 870,469	34 153,776	11,898	11,428	97	92	600	0,430	0,825	1,917	1,447
48	43	95 543	2 655,653	31 283,306	11,780	11,309	98	93	325	0,216	0,395	1,824	1,354
49	44	95 207	2 455,973	28 627,654	11,656	11,186	99	94	167	0,103	0,178	1,734	1,264
							100	95	79	0,046	0,076	1,658	1,187

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	2 272,631	26 270,433	11,559	11,089
1							51	45	94 533	2 100,405	23 997,801	11,425	10,955
2							52	46	94 094	1 940,268	21 897,397	11,286	10,815
3							53	47	93 607	1 791,393	19 957,129	11,141	10,670
4							54	48	93 063	1 652,891	18 165,736	10,990	10,520
5							55	49	92 456	1 524,007	16 512,846	10,835	10,364
6	0	99 592	63 638,519	872 178,320	13,705	13,235	56	50	91 776	1 403,980	14 988,839	10,676	10,205
7	1	99 295	58 885,170	808 539,801	13,731	13,260	57	51	91 026	1 292,357	13 584,859	10,512	10,041
8	2	99 263	54 632,345	749 654,631	13,722	13,251	58	52	90 195	1 188,451	12 292,502	10,343	9,873
9	3	99 243	50 692,349	695 022,285	13,711	13,240	59	53	89 301	1 092,039	11 104,051	10,168	9,698
10	4	99 225	47 037,797	644 329,936	13,698	13,227	60	54	88 306	1 002,196	10 012,012	9,990	9,519
11	5	99 208	43 647,299	597 292,139	13,685	13,214	61	55	87 221	918,689	9 009,816	9,807	9,337
12	6	99 195	40 502,383	553 644,839	13,669	13,199	62	56	86 029	840,954	8 091,127	9,621	9,151
13	7	99 179	37 583,146	513 142,457	13,654	13,183	63	57	84 730	768,687	7 250,173	9,432	8,961
14	8	99 165	34 875,048	475 559,310	13,636	13,165	64	58	83 318	701,511	6 481,487	9,239	8,769
15	9	99 145	32 360,303	440 684,263	13,618	13,147	65	59	81 798	639,174	5 779,976	9,043	8,572
16	10	99 125	30 026,500	408 323,960	13,599	13,128	66	60	80 169	581,387	5 140,801	8,842	8,372
17	11	99 096	27 858,900	378 297,460	13,579	13,108	67	61	78 418	527,786	4 559,414	8,639	8,168
18	12	99 062	25 846,246	350 438,560	13,559	13,088	68	62	76 570	478,282	4 031,628	8,429	7,959
19	13	99 018	23 976,461	324 592,314	13,538	13,067	69	63	74 607	432,500	3 553,346	8,216	7,745
20	14	98 970	22 241,198	300 615,854	13,516	13,046	70	64	72 540	390,273	3 120,846	7,997	7,526
21	15	98 920	20 631,062	278 374,655	13,493	13,022	71	65	70 382	351,426	2 730,572	7,770	7,299
22	16	98 869	19 137,198	257 743,593	13,468	12,998	72	66	68 077	315,468	2 379,146	7,542	7,071
23	17	98 815	17 751,025	238 606,395	13,442	12,971	73	67	65 707	282,585	2 063,679	7,303	6,832
24	18	98 760	16 465,212	220 855,370	13,413	12,943	74	68	63 215	252,316	1 781,093	7,059	6,588
25	19	98 699	15 271,460	204 390,159	13,384	12,913	75	69	60 619	224,551	1 528,777	6,808	6,337
26	20	98 639	14 164,460	189 118,699	13,352	12,881	76	70	57 868	198,940	1 304,227	6,556	6,085
27	21	98 580	13 137,727	174 954,238	13,317	12,846	77	71	55 002	175,487	1 105,286	6,298	5,828
28	22	98 518	12 185,233	161 816,511	13,280	12,809	78	72	52 058	154,148	929,799	6,032	5,561
29	23	98 456	11 301,674	149 631,278	13,240	12,769	79	73	48 986	134,621	775,651	5,762	5,291
30	24	98 392	10 481,903	138 329,604	13,197	12,726	80	74	45 784	116,769	641,030	5,490	5,019
31	25	98 324	9 721,250	127 847,701	13,151	12,681	81	75	42 443	100,464	524,261	5,218	4,748
32	26	98 248	9 015,113	118 126,451	13,103	12,632	82	76	39 002	85,679	423,798	4,946	4,476
33	27	98 171	8 360,093	109 111,337	13,051	12,581	83	77	35 492	72,359	338,119	4,673	4,202
34	28	98 081	7 751,721	100 751,244	12,997	12,527	84	78	31 905	60,369	265,760	4,402	3,932
35	29	97 989	7 187,406	92 999,523	12,939	12,469	85	79	28 257	49,620	205,391	4,139	3,669
36	30	97 891	6 663,766	85 812,117	12,877	12,407	86	80	24 595	40,084	155,771	3,886	3,415
37	31	97 777	6 177,260	79 148,351	12,813	12,342	87	81	21 007	31,774	115,687	3,641	3,170
38	32	97 648	5 725,393	72 971,091	12,745	12,275	88	82	17 557	24,645	83,914	3,405	2,934
39	33	97 516	5 306,408	67 245,698	12,673	12,202	89	83	14 277	18,599	59,268	3,187	2,716
40	34	97 369	4 917,331	61 939,290	12,596	12,125	90	84	11 261	13,615	40,669	2,987	2,516
41	35	97 211	4 556,261	57 021,959	12,515	12,044	91	85	8 609	9,660	27,054	2,801	2,330
42	36	97 025	4 220,442	52 465,698	12,431	11,961	92	86	6 374	6,638	17,394	2,620	2,150
43	37	96 842	3 909,478	48 245,256	12,341	11,870	93	87	4 525	4,373	10,756	2,460	1,989
44	38	96 638	3 620,670	44 335,779	12,245	11,775	94	88	3 078	2,761	6,383	2,312	1,841
45	39	96 417	3 352,566	40 715,108	12,144	11,674	95	89	1 993	1,659	3,622	2,184	1,713
46	40	96 173	3 103,562	37 362,542	12,039	11,568	96	90	1 231	0,951	1,964	2,065	1,594
47	41	95 914	2 872,575	34 258,980	11,926	11,456	97	91	720	0,516	1,013	1,962	1,492
48	42	95 621	2 657,797	31 386,405	11,809	11,339	98	92	400	0,266	0,497	1,864	1,393
49	43	95 293	2 458,175	28 728,608	11,687	11,216	99	93	211	0,130	0,230	1,769	1,298
							100	94	103	0,059	0,100	1,692	1,222

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	2 274,669	26 360,675	11,589	11,118
1							51	44	94 623	2 102,393	24 086,006	11,456	10,986
2							52	45	94 195	1 942,357	21 983,613	11,318	10,847
3							53	46	93 718	1 793,517	20 041,256	11,174	10,704
4							54	47	93 184	1 655,041	18 247,739	11,026	10,555
5							55	48	92 597	1 526,322	16 592,698	10,871	10,400
6							56	49	91 931	1 406,348	15 066,376	10,713	10,242
7	0	99 583	59 055,952	808 901,368	13,697	13,227	57	50	91 195	1 294,744	13 660,028	10,550	10,080
8	1	99 285	54 644,499	749 845,415	13,722	13,252	58	51	90 383	1 190,924	12 365,283	10,383	9,912
9	2	99 256	50 699,011	695 200,916	13,712	13,242	59	52	89 499	1 094,452	11 174,359	10,210	9,739
10	3	99 235	47 042,488	644 501,905	13,700	13,230	60	53	88 525	1 004,686	10 079,907	10,033	9,562
11	4	99 217	43 651,317	597 459,417	13,687	13,216	61	54	87 462	921,226	9 075,221	9,851	9,381
12	5	99 201	40 505,135	553 808,100	13,673	13,202	62	55	86 297	843,580	8 153,995	9,666	9,195
13	6	99 186	37 585,891	513 302,965	13,657	13,186	63	56	85 018	771,295	7 310,416	9,478	9,007
14	7	99 169	34 876,709	475 717,074	13,640	13,169	64	57	83 632	704,156	6 539,121	9,286	8,816
15	8	99 152	32 362,635	440 840,366	13,622	13,151	65	58	82 141	641,853	5 834,965	9,091	8,620
16	9	99 130	30 028,096	408 477,730	13,603	13,133	66	59	80 542	584,094	5 193,111	8,891	8,420
17	10	99 102	27 860,449	378 449,635	13,584	13,113	67	60	78 822	530,506	4 609,017	8,688	8,217
18	11	99 070	25 848,234	350 589,186	13,563	13,093	68	61	77 000	480,969	4 078,511	8,480	8,009
19	12	99 024	23 977,976	324 740,952	13,543	13,073	69	62	75 066	435,164	3 597,542	8,267	7,796
20	13	98 978	22 242,956	300 762,976	13,522	13,051	70	63	73 034	392,930	3 162,378	8,048	7,578
21	14	98 929	20 632,966	278 520,020	13,499	13,028	71	64	70 907	354,049	2 769,449	7,822	7,352
22	15	98 880	19 139,414	257 887,054	13,474	13,003	72	65	68 627	318,016	2 415,399	7,595	7,125
23	16	98 827	17 753,295	238 747,640	13,448	12,977	73	66	66 287	285,082	2 097,383	7,357	6,886
24	17	98 773	16 467,347	220 994,346	13,420	12,949	74	67	63 813	254,699	1 812,301	7,115	6,645
25	18	98 715	15 273,939	204 526,999	13,391	12,920	75	68	61 244	226,866	1 557,602	6,866	6,395
26	19	98 655	14 166,789	189 253,060	13,359	12,888	76	69	58 544	201,264	1 330,736	6,612	6,141
27	20	98 596	13 139,878	175 086,271	13,325	12,854	77	70	55 701	177,718	1 129,472	6,355	5,885
28	21	98 535	12 187,303	161 946,393	13,288	12,817	78	71	52 787	156,308	951,755	6,089	5,618
29	22	98 473	11 303,571	149 759,091	13,249	12,778	79	72	49 730	136,663	795,447	5,820	5,350
30	23	98 408	10 483,618	138 455,520	13,207	12,736	80	73	46 563	118,757	658,784	5,547	5,077
31	24	98 340	9 722,847	127 971,902	13,162	12,691	81	74	43 230	102,325	540,027	5,278	4,807
32	25	98 267	9 016,866	118 249,055	13,114	12,644	82	75	39 803	87,438	437,702	5,006	4,535
33	26	98 188	8 361,583	109 232,189	13,064	12,593	83	76	36 296	73,998	350,264	4,733	4,263
34	27	98 102	7 753,347	100 870,605	13,010	12,539	84	77	32 688	61,849	276,266	4,467	3,996
35	28	98 012	7 189,117	93 117,258	12,953	12,482	85	78	29 047	51,008	214,416	4,204	3,733
36	29	97 915	6 665,410	85 928,141	12,892	12,421	86	79	25 377	41,358	163,409	3,951	3,480
37	30	97 804	6 179,008	79 262,730	12,828	12,357	87	80	21 775	32,935	122,051	3,706	3,235
38	31	97 679	5 727,237	73 083,723	12,761	12,290	88	81	18 297	25,683	89,116	3,470	2,999
39	32	97 548	5 308,191	67 356,486	12,689	12,218	89	82	14 981	19,517	63,432	3,250	2,780
40	33	97 403	4 919,054	62 048,295	12,614	12,143	90	83	11 918	14,410	43,916	3,048	2,577
41	34	97 248	4 558,001	57 129,240	12,534	12,063	91	84	9 196	10,318	29,506	2,860	2,389
42	35	97 070	4 222,414	52 571,239	12,451	11,980	92	85	6 881	7,166	19,187	2,678	2,207
43	36	96 888	3 911,343	48 348,826	12,361	11,891	93	86	4 947	4,781	12,021	2,514	2,044
44	37	96 687	3 622,499	44 437,483	12,267	11,796	94	87	3 417	3,065	7,240	2,363	1,892
45	38	96 471	3 354,425	40 814,984	12,168	11,697	95	88	2 247	1,871	4,176	2,232	1,762
46	39	96 236	3 105,583	37 460,559	12,062	11,592	96	89	1 413	1,092	2,305	2,112	1,641
47	40	95 975	2 874,395	34 354,976	11,952	11,481	97	90	844	0,605	1,214	2,006	1,535
48	41	95 691	2 659,747	31 480,582	11,836	11,365	98	91	480	0,319	0,609	1,905	1,435
49	42	95 370	2 460,160	28 820,835	11,715	11,244	99	92	259	0,160	0,289	1,805	1,334
							100	93	130	0,075	0,129	1,724	1,254

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	2 276,506	26 443,084	11,616	11,145
1							51	43	94 707	2 104,278	24 166,578	11,484	11,014
2							52	44	94 284	1 944,196	22 062,300	11,348	10,877
3							53	45	93 819	1 795,448	20 118,105	11,205	10,734
4							54	46	93 295	1 657,003	18 322,657	11,058	10,587
5							55	47	92 717	1 528,308	16 665,653	10,905	10,434
6							56	48	92 070	1 408,485	15 137,345	10,747	10,277
7							57	49	91 348	1 296,929	13 728,860	10,586	10,115
8	0	99 573	54 802,982	750 177,722	13,689	13,218	58	50	90 550	1 193,124	12 431,932	10,420	9,949
9	1	99 278	50 710,290	695 374,740	13,713	13,242	59	51	89 685	1 096,729	11 238,808	10,248	9,777
10	2	99 248	47 048,670	644 664,450	13,702	13,231	60	52	88 721	1 006,906	10 142,079	10,073	9,602
11	3	99 227	43 655,670	597 615,780	13,689	13,219	61	53	87 679	923,515	9 135,173	9,892	9,421
12	4	99 210	40 508,864	553 960,110	13,675	13,204	62	54	86 536	845,909	8 211,658	9,707	9,237
13	5	99 193	37 588,445	513 451,246	13,660	13,189	63	55	85 283	773,703	7 365,748	9,520	9,049
14	6	99 177	34 879,256	475 862,802	13,643	13,172	64	56	83 916	706,546	6 592,045	9,330	8,859
15	7	99 157	32 364,177	440 983,546	13,626	13,155	65	57	82 450	644,273	5 885,500	9,135	8,664
16	8	99 137	30 030,260	408 619,370	13,607	13,136	66	58	80 880	586,542	5 241,227	8,936	8,465
17	9	99 107	27 861,930	378 589,109	13,588	13,117	67	59	79 189	532,976	4 654,684	8,733	8,263
18	10	99 075	25 849,671	350 727,180	13,568	13,097	68	60	77 397	483,447	4 121,708	8,526	8,055
19	11	99 032	23 979,820	324 877,509	13,548	13,077	69	61	75 488	437,609	3 638,261	8,314	7,843
20	12	98 984	22 244,362	300 897,689	13,527	13,056	70	62	73 484	395,350	3 200,652	8,096	7,625
21	13	98 937	20 634,597	278 653,327	13,504	13,034	71	63	71 390	356,459	2 805,302	7,870	7,399
22	14	98 889	19 141,179	258 018,730	13,480	13,009	72	64	69 139	320,390	2 448,844	7,643	7,173
23	15	98 839	17 755,350	238 877,551	13,454	12,983	73	65	66 823	287,385	2 128,454	7,406	6,936
24	16	98 786	16 469,452	221 122,201	13,426	12,956	74	66	64 376	256,950	1 841,069	7,165	6,694
25	17	98 728	15 275,920	204 652,748	13,397	12,926	75	67	61 823	229,009	1 584,119	6,917	6,447
26	18	98 671	14 169,089	189 376,829	13,365	12,895	76	68	59 147	203,339	1 355,111	6,664	6,194
27	19	98 612	13 142,038	175 207,740	13,332	12,861	77	69	56 351	179,794	1 151,771	6,406	5,935
28	20	98 551	12 189,298	162 065,702	13,296	12,825	78	70	53 458	158,294	971,978	6,140	5,670
29	21	98 490	11 305,490	149 876,404	13,257	12,786	79	71	50 426	138,578	813,683	5,872	5,401
30	22	98 424	10 485,377	138 570,914	13,216	12,745	80	72	47 270	120,559	675,106	5,600	5,129
31	23	98 356	9 724,438	128 085,537	13,172	12,701	81	73	43 965	104,067	554,547	5,329	4,858
32	24	98 283	9 018,348	118 361,099	13,124	12,654	82	74	40 541	89,058	450,480	5,058	4,588
33	25	98 207	8 363,209	109 342,751	13,074	12,604	83	75	37 041	75,517	361,422	4,786	4,315
34	26	98 119	7 754,730	100 979,542	13,022	12,551	84	76	33 428	63,250	285,904	4,520	4,050
35	27	98 033	7 190,625	93 224,812	12,965	12,494	85	77	29 760	52,259	222,654	4,261	3,790
36	28	97 938	6 666,997	86 034,187	12,904	12,434	86	78	26 087	42,515	170,395	4,008	3,537
37	29	97 828	6 180,533	79 367,190	12,841	12,371	87	79	22 467	33,982	127,881	3,763	3,293
38	30	97 707	5 728,857	73 186,657	12,775	12,304	88	80	18 965	26,622	93,899	3,527	3,056
39	31	97 580	5 309,901	67 457,800	12,704	12,233	89	81	15 612	20,339	67,277	3,308	2,837
40	32	97 436	4 920,707	62 147,899	12,630	12,159	90	82	12 506	15,121	46,938	3,104	2,634
41	33	97 283	4 559,598	57 227,192	12,551	12,080	91	83	9 733	10,921	31,817	2,913	2,443
42	34	97 107	4 224,026	52 667,594	12,469	11,998	92	84	7 350	7,654	20,896	2,730	2,259
43	35	96 933	3 913,170	48 443,568	12,380	11,909	93	85	5 340	5,161	13,242	2,566	2,095
44	36	96 733	3 624,228	44 530,398	12,287	11,816	94	86	3 735	3,350	8,081	2,412	1,941
45	37	96 519	3 356,119	40 906,170	12,189	11,718	95	87	2 494	2,076	4,730	2,278	1,807
46	38	96 289	3 107,305	37 550,051	12,084	11,614	96	88	1 593	1,231	2,654	2,156	1,685
47	39	96 038	2 876,266	34 442,747	11,975	11,504	97	89	968	0,694	1,423	2,049	1,578
48	40	95 751	2 661,432	31 566,480	11,861	11,390	98	90	563	0,375	0,728	1,945	1,474
49	41	95 440	2 461,964	28 905,049	11,741	11,270	99	91	311	0,192	0,354	1,842	1,372
							100	92	161	0,092	0,162	1,757	1,287

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	41	95 159	2 278,175	26 518,309	11,640	11,169
1							51	42	94 784	2 105,977	24 240,134	11,510	11,039
2							52	43	94 369	1 945,939	22 134,156	11,375	10,904
3							53	44	93 907	1 797,148	20 188,218	11,233	10,763
4							54	45	93 395	1 658,788	18 391,070	11,087	10,616
5							55	46	92 827	1 530,120	16 732,282	10,935	10,465
6							56	47	92 190	1 410,317	15 202,162	10,779	10,309
7							57	48	91 487	1 298,899	13 791,845	10,618	10,147
8							58	49	90 703	1 195,137	12 492,946	10,453	9,982
9	0	99 566	50 857,363	695 680,152	13,679	13,208	59	50	89 850	1 098,755	11 297,809	10,282	9,812
10	1	99 270	47 059,136	644 822,789	13,702	13,232	60	51	88 905	1 009,001	10 199,054	10,108	9,637
11	2	99 240	43 661,407	597 763,653	13,691	13,220	61	52	87 873	925,555	9 190,053	9,929	9,459
12	3	99 220	40 512,903	554 102,245	13,677	13,207	62	53	86 751	848,011	8 264,497	9,746	9,275
13	4	99 202	37 591,905	513 589,342	13,662	13,192	63	54	85 519	775,840	7 416,486	9,559	9,089
14	5	99 183	34 881,626	475 997,437	13,646	13,175	64	55	84 178	708,751	6 640,646	9,369	8,899
15	6	99 164	32 366,540	441 115,812	13,629	13,158	65	56	82 730	646,459	5 931,895	9,176	8,705
16	7	99 142	30 031,690	408 749,272	13,611	13,140	66	57	81 185	588,754	5 285,436	8,977	8,507
17	8	99 114	27 863,938	378 717,582	13,592	13,121	67	58	79 521	535,210	4 696,682	8,775	8,305
18	9	99 081	25 851,045	350 853,644	13,572	13,101	68	59	77 757	485,698	4 161,472	8,568	8,097
19	10	99 037	23 981,153	325 002,599	13,552	13,082	69	60	75 877	439,864	3 675,774	8,357	7,886
20	11	98 992	22 246,073	301 021,446	13,531	13,061	70	61	73 897	397,571	3 235,910	8,139	7,669
21	12	98 943	20 635,901	278 775,373	13,509	13,039	71	62	71 830	358,655	2 838,339	7,914	7,443
22	13	98 897	19 142,692	258 139,472	13,485	13,014	72	63	69 610	322,570	2 479,685	7,687	7,217
23	14	98 848	17 756,988	238 996,780	13,459	12,989	73	64	67 322	289,530	2 157,114	7,450	6,980
24	15	98 797	16 471,359	221 239,791	13,432	12,961	74	65	64 896	259,025	1 867,584	7,210	6,739
25	16	98 740	15 277,873	204 768,432	13,403	12,932	75	66	62 369	231,032	1 608,559	6,962	6,492
26	17	98 684	14 170,926	189 490,559	13,372	12,901	76	67	59 706	205,260	1 377,527	6,711	6,240
27	18	98 628	13 144,172	175 319,633	13,338	12,868	77	68	56 932	181,647	1 172,267	6,454	5,983
28	19	98 568	12 191,302	162 175,462	13,303	12,832	78	69	54 083	160,144	990,620	6,186	5,715
29	20	98 506	11 307,341	149 984,160	13,264	12,794	79	70	51 067	140,339	830,476	5,918	5,447
30	21	98 441	10 487,158	138 676,819	13,223	12,753	80	71	47 932	122,248	690,137	5,645	5,175
31	22	98 372	9 726,070	128 189,661	13,180	12,709	81	72	44 633	105,646	567,889	5,375	4,905
32	23	98 299	9 019,823	118 463,592	13,134	12,663	82	73	41 231	90,574	462,243	5,103	4,633
33	24	98 223	8 364,583	109 443,769	13,084	12,614	83	74	37 727	76,917	371,669	4,832	4,361
34	25	98 138	7 756,237	101 079,185	13,032	12,561	84	75	34 115	64,549	294,753	4,566	4,096
35	26	98 050	7 191,907	93 322,948	12,976	12,505	85	76	30 434	53,443	230,204	4,308	3,837
36	27	97 959	6 668,396	86 131,041	12,916	12,446	86	77	26 727	43,557	176,761	4,058	3,587
37	28	97 852	6 182,004	79 462,645	12,854	12,383	87	78	23 096	34,932	133,204	3,813	3,343
38	29	97 731	5 730,271	73 280,641	12,788	12,318	88	79	19 568	27,468	98,271	3,578	3,107
39	30	97 607	5 311,403	67 550,370	12,718	12,247	89	80	16 183	21,082	70,803	3,358	2,888
40	31	97 467	4 922,292	62 238,967	12,644	12,174	90	81	13 033	15,758	49,721	3,155	2,685
41	32	97 315	4 561,130	57 316,675	12,566	12,096	91	82	10 213	11,460	33,964	2,964	2,493
42	33	97 141	4 225,506	52 755,545	12,485	12,014	92	83	7 780	8,102	22,504	2,778	2,307
43	34	96 970	3 914,664	48 530,039	12,397	11,926	93	84	5 704	5,513	14,402	2,612	2,142
44	35	96 778	3 625,921	44 615,374	12,305	11,834	94	85	4 032	3,617	8,889	2,458	1,987
45	36	96 566	3 357,721	40 989,453	12,208	11,737	95	86	2 727	2,270	5,273	2,323	1,852
46	37	96 338	3 108,874	37 631,733	12,105	11,634	96	87	1 769	1,367	3,003	2,197	1,727
47	38	96 091	2 877,861	34 522,859	11,996	11,525	97	88	1 092	0,783	1,636	2,089	1,618
48	39	95 814	2 663,165	31 644,998	11,882	11,412	98	89	646	0,430	0,853	1,984	1,513
49	40	95 500	2 463,524	28 981,833	11,764	11,294	99	90	365	0,225	0,423	1,878	1,408
							100	91	193	0,110	0,198	1,792	1,321

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	40	95 220	2 279,619	26 586,876	11,663	11,192
1							51	41	94 853	2 107,522	24 307,257	11,534	11,063
2							52	42	94 445	1 947,510	22 199,735	11,399	10,928
3							53	43	93 992	1 798,759	20 252,225	11,259	10,788
4							54	44	93 483	1 660,358	18 453,466	11,114	10,643
5							55	45	92 927	1 531,768	16 793,108	10,963	10,493
6							56	46	92 299	1 411,989	15 261,340	10,808	10,338
7							57	47	91 606	1 300,589	13 849,351	10,649	10,178
8							58	48	90 840	1 196,953	12 548,762	10,484	10,013
9							59	49	90 002	1 100,608	11 351,809	10,314	9,843
10	0	99 558	47 195,620	645 103,481	13,669	13,198	60	50	89 070	1 010,865	10 251,200	10,141	9,670
11	1	99 262	43 671,120	597 907,861	13,691	13,220	61	51	88 056	927,481	9 240,335	9,963	9,492
12	2	99 233	40 518,227	554 236,741	13,679	13,208	62	52	86 942	849,885	8 312,854	9,781	9,310
13	3	99 212	37 595,653	513 718,514	13,664	13,194	63	53	85 731	777,767	7 462,969	9,595	9,125
14	4	99 192	34 884,837	476 122,861	13,648	13,178	64	54	84 411	710,709	6 685,202	9,406	8,936
15	5	99 171	32 368,739	441 238,024	13,632	13,161	65	55	82 989	648,478	5 974,493	9,213	8,742
16	6	99 149	30 033,883	408 869,285	13,614	13,143	66	56	81 460	590,751	5 326,015	9,016	8,545
17	7	99 119	27 865,265	378 835,402	13,595	13,125	67	57	79 821	537,228	4 735,264	8,814	8,344
18	8	99 088	25 852,908	350 970,136	13,576	13,105	68	58	78 083	487,734	4 198,036	8,607	8,137
19	9	99 042	23 982,428	325 117,229	13,556	13,086	69	59	76 230	441,912	3 710,302	8,396	7,925
20	10	98 997	22 247,310	301 134,801	13,536	13,065	70	60	74 277	399,620	3 268,390	8,179	7,708
21	11	98 951	20 637,488	278 887,491	13,514	13,043	71	61	72 233	360,669	2 868,771	7,954	7,483
22	12	98 903	19 143,902	258 250,003	13,490	13,019	72	62	70 038	324,557	2 508,102	7,728	7,257
23	13	98 856	17 758,392	239 106,101	13,464	12,994	73	63	67 780	291,501	2 183,544	7,491	7,020
24	14	98 806	16 472,879	221 347,709	13,437	12,966	74	64	65 381	260,959	1 892,043	7,250	6,780
25	15	98 752	15 279,642	204 874,830	13,408	12,938	75	65	62 873	232,898	1 631,085	7,003	6,533
26	16	98 697	14 172,738	189 595,188	13,377	12,907	76	66	60 233	207,074	1 398,186	6,752	6,281
27	17	98 641	13 145,876	175 422,450	13,344	12,874	77	67	57 470	183,363	1 191,113	6,496	6,025
28	18	98 584	12 193,281	162 276,575	13,309	12,838	78	68	54 640	161,795	1 007,750	6,229	5,758
29	19	98 522	11 309,200	150 083,294	13,271	12,800	79	69	51 664	141,979	845,955	5,958	5,488
30	20	98 457	10 488,875	138 774,094	13,231	12,760	80	70	48 541	123,802	703,977	5,686	5,216
31	21	98 389	9 727,721	128 285,219	13,188	12,717	81	71	45 258	107,126	580,175	5,416	4,945
32	22	98 316	9 021,337	118 557,498	13,142	12,671	82	72	41 856	91,949	473,049	5,145	4,674
33	23	98 239	8 365,952	109 536,161	13,093	12,622	83	73	38 369	78,226	381,101	4,872	4,401
34	24	98 154	7 757,512	101 170,209	13,042	12,571	84	74	34 747	65,745	302,875	4,607	4,136
35	25	98 069	7 193,306	93 412,698	12,986	12,515	85	75	31 059	54,540	237,130	4,348	3,877
36	26	97 976	6 669,584	86 219,392	12,927	12,457	86	76	27 332	44,544	182,590	4,099	3,628
37	27	97 872	6 183,301	79 549,808	12,865	12,395	87	77	23 662	35,789	138,046	3,857	3,387
38	28	97 754	5 731,635	73 366,507	12,800	12,330	88	78	20 116	28,237	102,257	3,621	3,151
39	29	97 632	5 312,714	67 634,871	12,731	12,260	89	79	16 697	21,752	74,021	3,403	2,932
40	30	97 495	4 923,685	62 322,157	12,658	12,187	90	80	13 509	16,334	52,269	3,200	2,729
41	31	97 347	4 562,599	57 398,473	12,580	12,110	91	81	10 643	11,942	35,935	3,009	2,538
42	32	97 174	4 226,926	52 835,874	12,500	12,029	92	82	8 163	8,501	23,993	2,822	2,352
43	33	97 004	3 916,036	48 608,948	12,413	11,942	93	83	6 037	5,835	15,492	2,655	2,184
44	34	96 815	3 627,306	44 692,912	12,321	11,851	94	84	4 307	3,863	9,657	2,500	2,029
45	35	96 611	3 359,289	41 065,606	12,224	11,754	95	85	2 944	2,451	5,793	2,364	1,893
46	36	96 384	3 110,357	37 706,317	12,123	11,652	96	86	1 934	1,494	3,343	2,238	1,767
47	37	96 139	2 879,315	34 595,960	12,015	11,545	97	87	1 212	0,869	1,849	2,127	1,656
48	38	95 867	2 664,641	31 716,645	11,903	11,432	98	88	729	0,485	0,980	2,020	1,550
49	39	95 562	2 465,128	29 052,004	11,785	11,315	99	89	419	0,259	0,495	1,914	1,443
							100	90	226	0,129	0,236	1,825	1,354

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	39	95 282	2 281,103	26 649,524	11,683	11,212
1							51	40	94 914	2 108,857	24 368,421	11,555	11,085
2							52	41	94 514	1 948,939	22 259,564	11,421	10,951
3							53	42	94 067	1 800,212	20 310,625	11,282	10,812
4							54	43	93 567	1 661,846	18 510,413	11,138	10,668
5							55	44	93 015	1 533,218	16 848,567	10,989	10,518
6							56	45	92 399	1 413,510	15 315,349	10,835	10,364
7							57	46	91 715	1 302,131	13 901,839	10,676	10,206
8							58	47	90 959	1 198,510	12 599,708	10,513	10,042
9							59	48	90 139	1 102,281	11 401,198	10,343	9,873
10							60	49	89 220	1 012,570	10 298,917	10,171	9,700
11	0	99 550	43 797,778	598 165,837	13,657	13,187	61	50	88 219	929,195	9 286,347	9,994	9,523
12	1	99 255	40 527,241	554 368,059	13,679	13,208	62	51	87 123	851,653	8 357,152	9,813	9,342
13	2	99 225	37 600,594	513 840,818	13,666	13,195	63	52	85 920	779,486	7 505,499	9,629	9,158
14	3	99 202	34 888,315	476 240,224	13,650	13,180	64	53	84 620	712,475	6 726,013	9,440	8,970
15	4	99 180	32 371,719	441 351,909	13,634	13,163	65	54	83 218	650,269	6 013,539	9,248	8,777
16	5	99 156	30 035,924	408 980,190	13,616	13,146	66	55	81 714	592,596	5 363,270	9,050	8,580
17	6	99 126	27 867,300	378 944,266	13,598	13,128	67	56	80 092	539,051	4 770,674	8,850	8,379
18	7	99 093	25 854,139	351 076,966	13,579	13,108	68	57	78 378	489,573	4 231,623	8,644	8,173
19	8	99 050	23 984,156	325 222,827	13,560	13,089	69	58	76 550	443,764	3 742,051	8,433	7,962
20	9	99 003	22 248,492	301 238,671	13,540	13,069	70	59	74 623	401,480	3 298,287	8,215	7,745
21	10	98 956	20 638,635	278 990,178	13,518	13,047	71	60	72 605	362,528	2 896,807	7,991	7,520
22	11	98 911	19 145,375	258 351,543	13,494	13,024	72	61	70 432	326,380	2 534,279	7,765	7,294
23	12	98 862	17 759,514	239 206,168	13,469	12,999	73	62	68 197	293,296	2 207,898	7,528	7,057
24	13	98 814	16 474,181	221 446,654	13,442	12,971	74	63	65 826	262,735	1 914,602	7,287	6,817
25	14	98 761	15 281,052	204 972,473	13,414	12,943	75	64	63 342	234,637	1 651,867	7,040	6,569
26	15	98 708	14 174,379	189 691,422	13,383	12,912	76	65	60 720	208,746	1 417,230	6,789	6,319
27	16	98 653	13 147,557	175 517,043	13,350	12,879	77	66	57 978	184,983	1 208,484	6,533	6,062
28	17	98 596	12 194,862	162 369,486	13,315	12,844	78	67	55 156	163,323	1 023,501	6,267	5,796
29	18	98 538	11 311,036	150 174,624	13,277	12,806	79	68	52 197	143,442	860,178	5,997	5,526
30	19	98 473	10 490,599	138 863,589	13,237	12,766	80	69	49 108	125,248	716,736	5,723	5,252
31	20	98 405	9 729,314	128 372,989	13,194	12,724	81	70	45 833	108,487	591,488	5,452	4,981
32	21	98 333	9 022,869	118 643,676	13,149	12,679	82	71	42 443	93,237	483,001	5,180	4,710
33	22	98 256	8 367,356	109 620,807	13,101	12,630	83	72	38 952	79,413	389,764	4,908	4,437
34	23	98 170	7 758,781	101 253,451	13,050	12,580	84	73	35 338	66,864	310,351	4,642	4,171
35	24	98 085	7 194,487	93 494,670	12,995	12,525	85	74	31 634	55,550	243,487	4,383	3,913
36	25	97 995	6 670,881	86 300,183	12,937	12,466	86	75	27 893	45,459	187,937	4,134	3,664
37	26	97 890	6 184,403	79 629,302	12,876	12,405	87	76	24 198	36,600	142,478	3,893	3,422
38	27	97 775	5 732,838	73 444,898	12,811	12,341	88	77	20 609	28,929	105,878	3,660	3,189
39	28	97 655	5 313,978	67 712,061	12,742	12,272	89	78	17 164	22,360	76,949	3,441	2,971
40	29	97 519	4 924,900	62 398,082	12,670	12,199	90	79	13 939	16,853	54,589	3,239	2,768
41	30	97 374	4 563,890	57 473,182	12,593	12,122	91	80	11 032	12,379	37,736	3,048	2,578
42	31	97 205	4 228,288	52 909,293	12,513	12,043	92	81	8 507	8,859	25,357	2,862	2,392
43	32	97 037	3 917,352	48 681,005	12,427	11,956	93	82	6 335	6,123	16,498	2,695	2,224
44	33	96 849	3 628,576	44 763,653	12,336	11,866	94	83	4 559	4,089	10,375	2,537	2,067
45	34	96 648	3 360,572	41 135,077	12,240	11,770	95	84	3 145	2,618	6,286	2,402	1,931
46	35	96 429	3 111,811	37 774,505	12,139	11,668	96	85	2 087	1,613	3,669	2,275	1,804
47	36	96 185	2 880,688	34 662,694	12,033	11,562	97	86	1 325	0,950	2,056	2,163	1,693
48	37	95 915	2 665,987	31 782,006	11,921	11,451	98	87	809	0,538	1,106	2,055	1,584
49	38	95 615	2 466,495	29 116,018	11,805	11,334	99	88	472	0,292	0,567	1,946	1,476
							100	89	259	0,149	0,276	1,857	1,386

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	2 282,368	26 706,662	11,701	11,231
1							51	39	94 975	2 110,230	24 424,295	11,574	11,104
2							52	40	94 574	1 950,173	22 314,064	11,442	10,971
3							53	41	94 136	1 801,532	20 363,891	11,304	10,833
4							54	42	93 643	1 663,188	18 562,359	11,161	10,690
5							55	43	93 099	1 534,592	16 899,171	11,012	10,541
6							56	44	92 486	1 414,848	15 364,578	10,860	10,389
7							57	45	91 814	1 303,533	13 949,730	10,701	10,231
8							58	46	91 066	1 199,931	12 646,197	10,539	10,068
9							59	47	90 256	1 103,715	11 446,266	10,371	9,900
10							60	48	89 356	1 014,109	10 342,551	10,199	9,728
11							61	49	88 368	930,762	9 328,442	10,022	9,552
12	0	99 543	40 644,780	554 605,160	13,645	13,175	62	50	87 284	853,227	8 397,680	9,842	9,372
13	1	99 247	37 608,959	513 960,380	13,666	13,195	63	51	86 099	781,108	7 544,454	9,659	9,188
14	2	99 215	34 892,900	476 351,421	13,652	13,181	64	52	84 807	714,049	6 763,346	9,472	9,001
15	3	99 190	32 374,947	441 458,521	13,636	13,165	65	53	83 425	651,884	6 049,297	9,280	8,809
16	4	99 165	30 038,689	409 083,574	13,619	13,148	66	54	81 940	594,233	5 397,413	9,083	8,612
17	5	99 133	27 869,193	379 044,885	13,601	13,130	67	55	80 342	540,734	4 803,180	8,883	8,412
18	6	99 100	25 856,027	351 175,691	13,582	13,111	68	56	78 644	491,234	4 262,446	8,677	8,206
19	7	99 054	23 985,299	325 319,664	13,563	13,093	69	57	76 838	445,437	3 771,212	8,466	7,996
20	8	99 010	22 250,096	301 334,365	13,543	13,072	70	58	74 936	403,163	3 325,775	8,249	7,779
21	9	98 962	20 639,732	279 084,270	13,522	13,051	71	59	72 943	364,216	2 922,613	8,024	7,554
22	10	98 916	19 146,439	258 444,537	13,498	13,028	72	60	70 795	328,062	2 558,397	7,799	7,328
23	11	98 869	17 760,880	239 298,098	13,473	13,003	73	61	68 581	294,944	2 230,334	7,562	7,091
24	12	98 820	16 475,222	221 537,218	13,447	12,976	74	62	66 231	264,353	1 935,390	7,321	6,851
25	13	98 769	15 282,259	205 061,996	13,418	12,948	75	63	63 773	236,234	1 671,037	7,074	6,603
26	14	98 717	14 175,686	189 779,737	13,388	12,917	76	64	61 173	210,304	1 434,803	6,823	6,352
27	15	98 665	13 149,079	175 604,050	13,355	12,884	77	65	58 446	186,477	1 224,499	6,566	6,096
28	16	98 609	12 196,421	162 454,971	13,320	12,849	78	66	55 644	164,766	1 038,022	6,300	5,829
29	17	98 551	11 312,503	150 258,550	13,283	12,812	79	67	52 690	144,797	873,256	6,031	5,560
30	18	98 489	10 492,302	138 946,047	13,243	12,772	80	68	49 614	126,539	728,459	5,757	5,286
31	19	98 421	9 730,913	128 453,745	13,201	12,730	81	69	46 368	109,755	601,920	5,484	5,014
32	20	98 349	9 024,346	118 722,832	13,156	12,685	82	70	42 982	94,422	492,165	5,212	4,742
33	21	98 273	8 368,777	109 698,486	13,108	12,637	83	71	39 497	80,525	397,743	4,939	4,469
34	22	98 187	7 760,083	101 329,709	13,058	12,587	84	72	35 874	67,879	317,218	4,673	4,203
35	23	98 102	7 195,664	93 569,627	13,004	12,533	85	73	32 173	56,496	249,339	4,413	3,943
36	24	98 011	6 671,977	86 373,962	12,946	12,475	86	74	28 410	46,301	192,843	4,165	3,694
37	25	97 909	6 185,606	79 701,985	12,885	12,414	87	75	24 695	37,351	146,542	3,923	3,453
38	26	97 792	5 733,860	73 516,379	12,821	12,351	88	76	21 076	29,584	109,191	3,691	3,220
39	27	97 675	5 315,093	67 782,519	12,753	12,282	89	77	17 585	22,909	79,607	3,475	3,004
40	28	97 542	4 926,072	62 467,426	12,681	12,210	90	78	14 329	17,324	56,698	3,273	2,802
41	29	97 398	4 565,016	57 541,354	12,605	12,134	91	79	11 383	12,772	39,374	3,083	2,612
42	30	97 233	4 229,484	52 976,338	12,525	12,055	92	80	8 818	9,183	26,602	2,897	2,426
43	31	97 068	3 918,614	48 746,854	12,440	11,969	93	81	6 602	6,381	17,419	2,730	2,259
44	32	96 882	3 629,796	44 828,240	12,350	11,879	94	82	4 783	4,291	11,038	2,573	2,102
45	33	96 681	3 361,750	41 198,445	12,255	11,784	95	83	3 328	2,771	6,747	2,435	1,965
46	34	96 466	3 112,999	37 836,695	12,154	11,684	96	84	2 230	1,723	3,977	2,309	1,838
47	35	96 230	2 882,034	34 723,696	12,048	11,578	97	85	1 431	1,026	2,254	2,197	1,726
48	36	95 961	2 667,259	31 841,662	11,938	11,467	98	86	884	0,588	1,228	2,088	1,617
49	37	95 663	2 467,741	29 174,403	11,822	11,352	99	87	524	0,324	0,640	1,977	1,506
							100	88	292	0,168	0,316	1,887	1,416

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	37	95 383	2 283,521	26 758,763	11,718	11,248
1							51	38	95 028	2 111,400	24 475,243	11,592	11,121
2							52	39	94 636	1 951,443	22 363,842	11,460	10,989
3							53	40	94 196	1 802,673	20 412,399	11,323	10,853
4							54	41	93 712	1 664,408	18 609,726	11,181	10,710
5							55	42	93 174	1 535,832	16 945,318	11,033	10,563
6							56	43	92 569	1 416,117	15 409,486	10,882	10,411
7							57	44	91 901	1 304,767	13 993,370	10,725	10,254
8							58	45	91 165	1 201,223	12 688,602	10,563	10,092
9							59	46	90 363	1 105,023	11 487,379	10,396	9,925
10							60	47	89 472	1 015,428	10 382,356	10,225	9,754
11							61	48	88 502	932,176	9 366,927	10,048	9,578
12							62	49	87 431	854,666	8 434,751	9,869	9,398
13	0	99 535	37 718,035	514 178,296	13,632	13,161	63	50	86 258	782,551	7 580,085	9,686	9,216
14	1	99 237	34 900,663	476 460,261	13,652	13,181	64	51	84 984	715,535	6 797,535	9,500	9,029
15	2	99 203	32 379,201	441 559,599	13,637	13,166	65	52	83 609	653,324	6 082,000	9,309	8,839
16	3	99 175	30 041,684	409 180,397	13,620	13,150	66	53	82 144	595,709	5 428,676	9,113	8,642
17	4	99 142	27 871,759	379 138,713	13,603	13,132	67	54	80 564	542,227	4 832,966	8,913	8,443
18	5	99 107	25 857,784	351 266,954	13,585	13,114	68	55	78 889	492,768	4 290,739	8,707	8,237
19	6	99 062	23 987,050	325 409,170	13,566	13,095	69	56	77 099	446,948	3 797,972	8,498	8,027
20	7	99 014	22 251,156	301 422,119	13,546	13,076	70	57	75 218	404,683	3 351,023	8,281	7,810
21	8	98 969	20 641,220	279 170,964	13,525	13,054	71	58	73 249	365,742	2 946,340	8,056	7,585
22	9	98 922	19 147,457	258 529,744	13,502	13,031	72	59	71 124	329,590	2 580,598	7,830	7,359
23	10	98 875	17 761,867	239 382,287	13,477	13,007	73	60	68 934	296,464	2 251,008	7,593	7,122
24	11	98 828	16 476,489	221 620,420	13,451	12,980	74	61	66 603	265,838	1 954,544	7,352	6,882
25	12	98 775	15 283,225	205 143,931	13,423	12,952	75	62	64 166	237,689	1 688,706	7,105	6,634
26	13	98 725	14 176,807	189 860,705	13,392	12,922	76	63	61 590	211,736	1 451,017	6,853	6,382
27	14	98 674	13 150,292	175 683,898	13,360	12,889	77	64	58 882	187,869	1 239,281	6,597	6,126
28	15	98 620	12 197,833	162 533,606	13,325	12,854	78	65	56 093	166,097	1 051,412	6,330	5,859
29	16	98 563	11 313,949	150 335,773	13,288	12,817	79	66	53 155	146,077	885,315	6,061	5,590
30	17	98 502	10 493,663	139 021,824	13,248	12,778	80	67	50 083	127,734	739,239	5,787	5,317
31	18	98 437	9 732,493	128 528,161	13,206	12,735	81	68	46 847	110,886	611,504	5,515	5,044
32	19	98 365	9 025,829	118 795,668	13,162	12,691	82	69	43 484	95,525	500,618	5,241	4,770
33	20	98 289	8 370,147	109 769,839	13,114	12,644	83	70	39 999	81,549	405,093	4,967	4,497
34	21	98 204	7 761,401	101 399,692	13,065	12,594	84	71	36 377	68,830	323,545	4,701	4,230
35	22	98 118	7 196,872	93 638,291	13,011	12,540	85	72	32 661	57,353	254,715	4,441	3,970
36	23	98 027	6 673,069	86 441,420	12,954	12,483	86	73	28 894	47,089	197,362	4,191	3,721
37	24	97 925	6 186,622	79 768,351	12,894	12,423	87	74	25 152	38,043	150,273	3,950	3,479
38	25	97 811	5 734,975	73 581,729	12,830	12,360	88	75	21 508	30,192	112,230	3,717	3,247
39	26	97 693	5 316,041	67 846,754	12,763	12,292	89	76	17 983	23,428	82,038	3,502	3,031
40	27	97 563	4 927,106	62 530,713	12,691	12,221	90	77	14 680	17,749	58,610	3,302	2,831
41	28	97 421	4 566,103	57 603,607	12,615	12,145	91	78	11 701	13,130	40,861	3,112	2,641
42	29	97 257	4 230,528	53 037,505	12,537	12,066	92	79	9 098	9,475	27,731	2,927	2,456
43	30	97 095	3 919,722	48 806,977	12,452	11,981	93	80	6 843	6,614	18,257	2,760	2,290
44	31	96 913	3 630,965	44 887,255	12,362	11,892	94	81	4 985	4,471	11,643	2,604	2,133
45	32	96 714	3 362,879	41 256,290	12,268	11,797	95	82	3 492	2,907	7,171	2,467	1,996
46	33	96 500	3 114,090	37 893,411	12,168	11,698	96	83	2 360	1,823	4,264	2,339	1,868
47	34	96 267	2 883,135	34 779,321	12,063	11,592	97	84	1 528	1,096	2,441	2,227	1,757
48	35	96 006	2 668,505	31 896,186	11,953	11,482	98	85	954	0,635	1,345	2,118	1,647
49	36	95 709	2 468,918	29 227,681	11,838	11,368	99	86	573	0,354	0,710	2,007	1,536
							100	87	325	0,186	0,356	1,915	1,444

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	2 284,610	26 806,298	11,733	11,263
1							51	37	95 076	2 112,467	24 521,688	11,608	11,137
2							52	38	94 688	1 952,525	22 409,221	11,477	11,006
3							53	39	94 257	1 803,847	20 456,696	11,341	10,870
4							54	40	93 771	1 665,463	18 652,849	11,200	10,729
5							55	41	93 242	1 536,958	16 987,386	11,053	10,582
6							56	42	92 644	1 417,260	15 450,428	10,902	10,431
7							57	43	91 983	1 305,937	14 033,168	10,746	10,275
8							58	44	91 251	1 202,360	12 727,231	10,585	10,115
9							59	45	90 460	1 106,213	11 524,871	10,418	9,948
10							60	46	89 578	1 016,632	10 418,657	10,248	9,778
11							61	47	88 617	933,389	9 402,025	10,073	9,602
12							62	48	87 564	855,964	8 468,636	9,894	9,423
13							63	49	86 404	783,871	7 612,672	9,712	9,241
14	0	99 525	35 001,883	476 660,548	13,618	13,147	64	50	85 141	716,857	6 828,801	9,526	9,055
15	1	99 225	32 386,405	441 658,664	13,637	13,166	65	51	83 783	654,684	6 111,944	9,336	8,865
16	2	99 188	30 045,633	409 272,259	13,622	13,151	66	52	82 325	597,025	5 457,260	9,141	8,670
17	3	99 152	27 874,538	379 226,627	13,605	13,134	67	53	80 764	543,574	4 860,235	8,941	8,471
18	4	99 116	25 860,165	351 352,089	13,587	13,116	68	54	79 107	494,129	4 316,661	8,736	8,265
19	5	99 068	23 988,680	325 491,924	13,569	13,098	69	55	77 340	448,344	3 822,532	8,526	8,055
20	6	99 022	22 252,780	301 503,244	13,549	13,078	70	56	75 474	406,056	3 374,188	8,310	7,839
21	7	98 973	20 642,203	279 250,464	13,528	13,057	71	57	73 525	367,121	2 968,132	8,085	7,614
22	8	98 929	19 148,837	258 608,261	13,505	13,035	72	58	71 422	330,971	2 601,011	7,859	7,388
23	9	98 880	17 762,812	239 459,424	13,481	13,010	73	59	69 255	297,844	2 270,040	7,622	7,151
24	10	98 833	16 477,405	221 696,612	13,455	12,984	74	60	66 947	267,208	1 972,196	7,381	6,910
25	11	98 783	15 284,401	205 219,207	13,427	12,956	75	61	64 526	239,024	1 704,987	7,133	6,662
26	12	98 731	14 177,703	189 934,806	13,397	12,926	76	62	61 969	213,040	1 465,963	6,881	6,410
27	13	98 682	13 151,332	175 757,103	13,364	12,894	77	63	59 283	189,148	1 252,923	6,624	6,153
28	14	98 629	12 198,959	162 605,772	13,329	12,859	78	64	56 512	167,337	1 063,775	6,357	5,886
29	15	98 575	11 315,259	150 406,813	13,292	12,822	79	65	53 585	147,257	896,439	6,088	5,617
30	16	98 515	10 495,004	139 091,554	13,253	12,782	80	66	50 525	128,863	749,182	5,814	5,343
31	17	98 450	9 733,755	128 596,550	13,211	12,741	81	67	47 289	111,934	620,319	5,542	5,071
32	18	98 381	9 027,295	118 862,795	13,167	12,696	82	68	43 933	96,510	508,386	5,268	4,797
33	19	98 305	8 371,523	109 835,500	13,120	12,649	83	69	40 466	82,501	411,876	4,992	4,522
34	20	98 220	7 762,671	101 463,977	13,071	12,600	84	70	36 839	69,704	329,375	4,725	4,255
35	21	98 135	7 198,094	93 701,306	13,018	12,547	85	71	33 118	58,157	259,670	4,465	3,994
36	22	98 044	6 674,189	86 503,212	12,961	12,490	86	72	29 332	47,804	201,514	4,215	3,745
37	23	97 941	6 187,634	79 829,024	12,901	12,431	87	73	25 581	38,691	153,710	3,973	3,502
38	24	97 827	5 735,917	73 641,389	12,839	12,368	88	74	21 907	30,751	115,019	3,740	3,270
39	25	97 712	5 317,075	67 905,472	12,771	12,301	89	75	18 352	23,909	84,268	3,525	3,054
40	26	97 580	4 927,984	62 588,398	12,701	12,230	90	76	15 013	18,151	60,359	3,325	2,855
41	27	97 442	4 567,061	57 660,414	12,625	12,155	91	77	11 988	13,452	42,208	3,138	2,667
42	28	97 280	4 231,535	53 093,353	12,547	12,076	92	78	9 353	9,740	28,757	2,952	2,482
43	29	97 119	3 920,690	48 861,819	12,463	11,992	93	79	7 061	6,824	19,017	2,787	2,316
44	30	96 940	3 631,992	44 941,129	12,374	11,903	94	80	5 167	4,635	12,193	2,631	2,160
45	31	96 745	3 363,962	41 309,137	12,280	11,809	95	81	3 639	3,030	7,558	2,495	2,024
46	32	96 532	3 115,136	37 945,175	12,181	11,710	96	82	2 476	1,913	4,528	2,367	1,896
47	33	96 301	2 884,145	34 830,038	12,076	11,606	97	83	1 618	1,160	2,615	2,255	1,784
48	34	96 042	2 669,524	31 945,894	11,967	11,496	98	84	1 019	0,678	1,455	2,145	1,674
49	35	95 754	2 470,071	29 276,369	11,852	11,382	99	85	618	0,382	0,777	2,034	1,563
							100	86	355	0,203	0,395	1,942	1,471

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	2 285,677	26 849,730	11,747	11,276
1							51	36	95 121	2 113,475	24 564,053	11,623	11,152
2							52	37	94 736	1 953,511	22 450,578	11,492	11,022
3							53	38	94 310	1 804,847	20 497,067	11,357	10,886
4							54	39	93 832	1 666,547	18 692,220	11,216	10,745
5							55	40	93 301	1 537,932	17 025,673	11,070	10,600
6							56	41	92 712	1 418,300	15 487,741	10,920	10,449
7							57	42	92 057	1 306,992	14 069,441	10,765	10,294
8							58	43	91 333	1 203,438	12 762,450	10,605	10,134
9							59	44	90 546	1 107,261	11 559,012	10,439	9,969
10							60	45	89 674	1 017,727	10 451,751	10,270	9,799
11							61	46	88 722	934,496	9 434,024	10,095	9,625
12							62	47	87 678	857,078	8 499,528	9,917	9,446
13							63	48	86 535	785,062	7 642,450	9,735	9,264
14							64	49	85 285	718,066	6 857,388	9,550	9,079
15	0	99 513	32 480,334	441 842,747	13,603	13,133	65	50	83 938	655,893	6 139,323	9,360	8,890
16	1	99 210	30 052,317	409 362,413	13,622	13,151	66	51	82 497	598,267	5 483,429	9,166	8,695
17	2	99 165	27 878,201	379 310,097	13,606	13,135	67	52	80 942	544,775	4 885,162	8,967	8,497
18	3	99 126	25 862,743	351 431,896	13,588	13,118	68	53	79 304	495,356	4 340,386	8,762	8,291
19	4	99 077	23 990,889	325 569,152	13,571	13,100	69	54	77 553	449,582	3 845,030	8,552	8,082
20	5	99 028	22 254,292	301 578,264	13,551	13,081	70	55	75 709	407,324	3 395,448	8,336	7,865
21	6	98 981	20 643,710	279 323,972	13,531	13,060	71	56	73 775	368,367	2 988,124	8,112	7,641
22	7	98 933	19 149,749	258 680,261	13,508	13,038	72	57	71 692	332,219	2 619,757	7,886	7,415
23	8	98 887	17 764,092	239 530,512	13,484	13,013	73	58	69 545	299,092	2 287,538	7,648	7,178
24	9	98 839	16 478,281	221 766,420	13,458	12,987	74	59	67 258	268,452	1 988,445	7,407	6,936
25	10	98 788	15 285,251	205 288,140	13,430	12,960	75	60	64 859	240,256	1 719,993	7,159	6,688
26	11	98 739	14 178,793	190 002,889	13,400	12,930	76	61	62 317	214,237	1 479,737	6,907	6,436
27	12	98 688	13 152,163	175 824,096	13,368	12,898	77	62	59 648	190,313	1 265,501	6,650	6,179
28	13	98 637	12 199,923	162 671,933	13,334	12,863	78	63	56 896	168,476	1 075,188	6,382	5,911
29	14	98 584	11 316,303	150 472,010	13,297	12,826	79	64	53 985	148,356	906,712	6,112	5,641
30	15	98 526	10 496,220	139 155,707	13,258	12,787	80	65	50 934	129,904	758,356	5,838	5,367
31	16	98 463	9 735,000	128 659,487	13,216	12,746	81	66	47 707	112,923	628,452	5,565	5,095
32	17	98 394	9 028,465	118 924,488	13,172	12,702	82	67	44 348	97,421	515,530	5,292	4,821
33	18	98 321	8 372,882	109 896,023	13,125	12,655	83	68	40 884	83,352	418,109	5,016	4,546
34	19	98 236	7 763,947	101 523,141	13,076	12,606	84	69	37 270	70,519	334,757	4,747	4,276
35	20	98 151	7 199,272	93 759,193	13,023	12,553	85	70	33 539	58,896	264,238	4,487	4,016
36	21	98 061	6 675,322	86 559,921	12,967	12,496	86	71	29 743	48,473	205,342	4,236	3,766
37	22	97 957	6 188,672	79 884,599	12,908	12,438	87	72	25 969	39,278	156,869	3,994	3,523
38	23	97 843	5 736,855	73 695,927	12,846	12,375	88	73	22 280	31,275	117,591	3,760	3,289
39	24	97 728	5 317,948	67 959,071	12,779	12,309	89	74	18 693	24,352	86,316	3,545	3,074
40	25	97 599	4 928,942	62 641,123	12,709	12,238	90	75	15 321	18,524	61,965	3,345	2,874
41	26	97 459	4 567,875	57 712,181	12,634	12,164	91	76	12 259	13,756	43,441	3,158	2,687
42	27	97 300	4 232,422	53 144,306	12,556	12,086	92	77	9 582	9,979	29,685	2,975	2,504
43	28	97 142	3 921,623	48 911,884	12,472	12,002	93	78	7 258	7,015	19,706	2,809	2,338
44	29	96 964	3 632,888	44 990,261	12,384	11,913	94	79	5 331	4,782	12,691	2,654	2,183
45	30	96 772	3 364,914	41 357,372	12,291	11,820	95	80	3 772	3,140	7,909	2,518	2,048
46	31	96 563	3 116,139	37 992,458	12,192	11,721	96	81	2 581	1,994	4,768	2,392	1,921
47	32	96 333	2 885,114	34 876,319	12,088	11,618	97	82	1 697	1,217	2,775	2,280	1,809
48	33	96 076	2 670,460	31 991,205	11,980	11,509	98	83	1 079	0,718	1,558	2,169	1,699
49	34	95 790	2 471,015	29 320,745	11,866	11,395	99	84	661	0,408	0,840	2,058	1,587
							100	85	383	0,220	0,432	1,966	1,495

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	2 286,550	26 889,306	11,760	11,289
1							51	35	95 166	2 114,462	24 602,756	11,635	11,165
2							52	36	94 781	1 954,443	22 488,294	11,506	11,036
3							53	37	94 357	1 805,759	20 533,851	11,371	10,901
4							54	38	93 884	1 667,471	18 728,092	11,231	10,761
5							55	39	93 362	1 538,933	17 060,621	11,086	10,615
6							56	40	92 771	1 419,198	15 521,688	10,937	10,466
7							57	41	92 125	1 307,950	14 102,489	10,782	10,311
8							58	42	91 406	1 204,410	12 794,539	10,623	10,152
9							59	43	90 627	1 108,253	11 590,129	10,458	9,987
10							60	44	89 759	1 018,690	10 481,876	10,290	9,819
11							61	45	88 818	935,502	9 463,185	10,116	9,645
12							62	46	87 782	858,094	8 527,684	9,938	9,467
13							63	47	86 648	786,083	7 669,589	9,757	9,286
14							64	48	85 414	719,157	6 883,506	9,572	9,101
15							65	49	84 079	657,000	6 164,349	9,383	8,912
16	0	99 497	30 139,476	409 531,604	13,588	13,117	66	50	82 649	599,373	5 507,349	9,189	8,718
17	1	99 187	27 884,403	379 392,128	13,606	13,135	67	51	81 111	545,909	4 907,977	8,990	8,520
18	2	99 139	25 866,142	351 507,724	13,589	13,119	68	52	79 479	496,451	4 362,068	8,787	8,316
19	3	99 087	23 993,281	325 641,582	13,572	13,102	69	53	77 746	450,699	3 865,617	8,577	8,106
20	4	99 037	22 256,341	301 648,302	13,553	13,083	70	54	75 918	408,449	3 414,918	8,361	7,890
21	5	98 987	20 645,113	279 391,961	13,533	13,062	71	55	74 005	369,517	3 006,469	8,136	7,666
22	6	98 941	19 151,147	258 746,847	13,511	13,040	72	56	71 935	333,346	2 636,952	7,911	7,440
23	7	98 892	17 764,938	239 595,700	13,487	13,016	73	57	69 807	300,220	2 303,606	7,673	7,202
24	8	98 846	16 479,469	221 830,762	13,461	12,990	74	58	67 540	269,577	2 003,385	7,432	6,961
25	9	98 793	15 286,063	205 351,294	13,434	12,963	75	59	65 161	241,374	1 733,808	7,183	6,712
26	10	98 744	14 179,582	190 065,231	13,404	12,933	76	60	62 638	215,341	1 492,434	6,931	6,460
27	11	98 695	13 153,174	175 885,649	13,372	12,901	77	61	59 983	191,382	1 277,093	6,673	6,202
28	12	98 643	12 200,694	162 732,475	13,338	12,867	78	62	57 247	169,513	1 085,711	6,405	5,934
29	13	98 592	11 317,197	150 531,781	13,301	12,830	79	63	54 352	149,366	916,197	6,134	5,663
30	14	98 535	10 497,188	139 214,584	13,262	12,791	80	64	51 314	130,873	766,832	5,859	5,389
31	15	98 474	9 736,127	128 717,396	13,221	12,750	81	65	48 092	113,835	635,958	5,587	5,116
32	16	98 406	9 029,620	118 981,269	13,177	12,706	82	66	44 739	98,282	522,124	5,313	4,842
33	17	98 333	8 373,967	109 951,649	13,130	12,660	83	67	41 270	84,139	423,842	5,037	4,567
34	18	98 252	7 765,208	101 577,682	13,081	12,610	84	68	37 654	71,246	339,702	4,768	4,297
35	19	98 167	7 200,456	93 812,474	13,029	12,558	85	69	33 931	59,584	268,457	4,506	4,035
36	20	98 077	6 676,415	86 612,018	12,973	12,502	86	70	30 121	49,089	208,873	4,255	3,784
37	21	97 974	6 189,723	79 935,603	12,914	12,444	87	71	26 333	39,828	159,783	4,012	3,541
38	22	97 860	5 737,818	73 745,880	12,853	12,382	88	72	22 618	31,749	119,955	3,778	3,308
39	23	97 744	5 318,818	68 008,062	12,786	12,316	89	73	19 011	24,766	88,206	3,562	3,091
40	24	97 615	4 929,752	62 689,244	12,717	12,246	90	74	15 605	18,867	63,440	3,362	2,892
41	25	97 478	4 568,763	57 759,492	12,642	12,172	91	75	12 511	14,039	44,573	3,175	2,704
42	26	97 318	4 233,177	53 190,728	12,565	12,095	92	76	9 799	10,205	30,534	2,992	2,521
43	27	97 163	3 922,446	48 957,551	12,481	12,011	93	77	7 436	7,187	20,329	2,829	2,358
44	28	96 987	3 633,753	45 035,106	12,394	11,923	94	78	5 480	4,916	13,142	2,674	2,203
45	29	96 796	3 365,744	41 401,353	12,301	11,830	95	79	3 892	3,240	8,227	2,539	2,068
46	30	96 591	3 117,021	38 035,608	12,203	11,732	96	80	2 675	2,067	4,986	2,413	1,942
47	31	96 364	2 886,043	34 918,587	12,099	11,628	97	81	1 769	1,268	2,920	2,302	1,831
48	32	96 108	2 671,357	32 032,544	11,991	11,520	98	82	1 132	0,753	1,651	2,192	1,721
49	33	95 824	2 471,881	29 361,187	11,878	11,407	99	83	699	0,432	0,898	2,080	1,609
							100	84	409	0,234	0,466	1,988	1,517

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	2 287,351	26 925,364	11,771	11,301
1							51	34	95 202	2 115,269	24 638,013	11,648	11,177
2							52	35	94 825	1 955,356	22 522,744	11,518	11,048
3							53	36	94 402	1 806,620	20 567,387	11,384	10,914
4							54	37	93 931	1 668,313	18 760,767	11,245	10,775
5							55	38	93 414	1 539,786	17 092,453	11,101	10,630
6							56	39	92 831	1 420,122	15 552,667	10,952	10,481
7							57	40	92 183	1 308,779	14 132,545	10,798	10,328
8							58	41	91 473	1 205,293	12 823,766	10,640	10,169
9							59	42	90 700	1 109,148	11 618,473	10,475	10,004
10							60	43	89 840	1 019,604	10 509,324	10,307	9,837
11							61	44	88 902	936,388	9 489,721	10,134	9,664
12							62	45	87 877	859,018	8 553,333	9,957	9,486
13							63	46	86 750	787,015	7 694,315	9,777	9,306
14							64	47	85 525	720,093	6 907,300	9,592	9,122
15							65	48	84 207	657,998	6 187,207	9,403	8,932
16							66	49	82 788	600,384	5 529,209	9,209	8,739
17	0	99 475	27 965,275	379 547,626	13,572	13,101	67	50	81 260	546,917	4 928,825	9,012	8,541
18	1	99 161	25 871,896	351 582,351	13,589	13,119	68	51	79 644	497,484	4 381,908	8,808	8,337
19	2	99 100	23 996,434	325 710,455	13,573	13,103	69	52	77 918	451,695	3 884,424	8,600	8,129
20	3	99 047	22 258,560	301 714,021	13,555	13,084	70	53	76 107	409,464	3 432,729	8,383	7,913
21	4	98 997	20 647,014	279 455,461	13,535	13,064	71	54	74 209	370,538	3 023,265	8,159	7,688
22	5	98 947	19 152,448	258 808,447	13,513	13,042	72	55	72 160	334,387	2 652,728	7,933	7,462
23	6	98 899	17 766,235	239 655,999	13,489	13,019	73	56	70 044	301,239	2 318,341	7,696	7,225
24	7	98 850	16 480,254	221 889,763	13,464	12,993	74	57	67 795	270,594	2 017,102	7,454	6,984
25	8	98 800	15 287,165	205 409,510	13,437	12,966	75	58	65 434	242,386	1 746,508	7,205	6,735
26	9	98 750	14 180,335	190 122,345	13,407	12,937	76	59	62 930	216,343	1 504,122	6,952	6,482
27	10	98 701	13 153,906	175 942,010	13,376	12,905	77	60	60 293	192,368	1 287,779	6,694	6,224
28	11	98 651	12 201,632	162 788,104	13,342	12,871	78	61	57 568	170,466	1 095,410	6,426	5,955
29	12	98 598	11 317,913	150 586,472	13,305	12,834	79	62	54 687	150,286	924,945	6,155	5,684
30	13	98 543	10 498,018	139 268,559	13,266	12,796	80	63	51 663	131,764	774,659	5,879	5,408
31	14	98 483	9 737,025	128 770,542	13,225	12,754	81	64	48 451	114,685	642,895	5,606	5,135
32	15	98 418	9 030,665	119 033,517	13,181	12,710	82	65	45 101	99,076	528,210	5,331	4,861
33	16	98 346	8 375,038	110 002,851	13,135	12,664	83	66	41 634	84,883	429,134	5,056	4,585
34	17	98 265	7 766,215	101 627,813	13,086	12,615	84	67	38 010	71,919	344,252	4,787	4,316
35	18	98 183	7 201,625	93 861,599	13,033	12,563	85	68	34 281	60,198	272,333	4,524	4,053
36	19	98 093	6 677,512	86 659,974	12,978	12,507	86	69	30 473	49,663	212,135	4,272	3,801
37	20	97 990	6 190,737	79 982,461	12,920	12,449	87	70	26 667	40,334	162,472	4,028	3,557
38	21	97 876	5 738,792	73 791,725	12,858	12,388	88	71	22 935	32,194	122,138	3,794	3,323
39	22	97 760	5 319,711	68 052,932	12,793	12,322	89	72	19 299	25,142	89,944	3,577	3,107
40	23	97 631	4 930,558	62 733,222	12,723	12,253	90	73	15 870	19,188	64,802	3,377	2,907
41	24	97 494	4 569,514	57 802,663	12,650	12,179	91	74	12 743	14,299	45,614	3,190	2,719
42	25	97 337	4 234,000	53 233,149	12,573	12,102	92	75	10 000	10,414	31,315	3,007	2,536
43	26	97 180	3 923,145	48 999,149	12,490	12,019	93	76	7 605	7,350	20,901	2,844	2,373
44	27	97 008	3 634,516	45 076,004	12,402	11,932	94	77	5 615	5,036	13,551	2,691	2,220
45	28	96 819	3 366,546	41 441,489	12,310	11,839	95	78	4 001	3,331	8,514	2,556	2,086
46	29	96 614	3 117,790	38 074,943	12,212	11,741	96	79	2 760	2,132	5,184	2,431	1,960
47	30	96 391	2 886,860	34 957,153	12,109	11,638	97	80	1 834	1,315	3,051	2,321	1,850
48	31	96 139	2 672,217	32 070,293	12,001	11,531	98	81	1 180	0,785	1,737	2,212	1,741
49	32	95 856	2 472,711	29 398,076	11,889	11,418	99	82	734	0,453	0,951	2,100	1,629
							100	83	433	0,248	0,498	2,007	1,537

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	2 288,120	26 958,248	11,782	11,311
1							51	33	95 236	2 116,011	24 670,128	11,659	11,188
2							52	34	94 862	1 956,103	22 554,117	11,530	11,059
3							53	35	94 446	1 807,464	20 598,014	11,396	10,925
4							54	36	93 976	1 669,109	18 790,549	11,258	10,787
5							55	37	93 461	1 540,564	17 121,440	11,114	10,643
6							56	38	92 883	1 420,909	15 580,876	10,965	10,495
7							57	39	92 243	1 309,631	14 159,966	10,812	10,342
8							58	40	91 531	1 206,057	12 850,335	10,655	10,184
9							59	41	90 767	1 109,962	11 644,278	10,491	10,020
10							60	42	89 912	1 020,427	10 534,317	10,323	9,853
11							61	43	88 981	937,227	9 513,890	10,151	9,680
12							62	44	87 960	859,832	8 576,663	9,975	9,504
13							63	45	86 844	787,863	7 716,831	9,795	9,324
14							64	46	85 627	720,946	6 928,968	9,611	9,140
15							65	47	84 316	658,854	6 208,022	9,422	8,952
16							66	48	82 914	601,296	5 549,168	9,229	8,758
17							67	49	81 398	547,840	4 947,872	9,032	8,561
18	0	99 448	25 946,931	351 725,266	13,556	13,085	68	50	79 791	498,403	4 400,032	8,828	8,358
19	1	99 122	24 001,772	325 778,335	13,573	13,102	69	51	78 080	452,635	3 901,629	8,620	8,149
20	2	99 060	22 261,486	301 776,562	13,556	13,085	70	52	76 275	410,368	3 448,994	8,405	7,934
21	3	99 006	20 649,073	279 515,077	13,536	13,066	71	53	74 394	371,458	3 038,626	8,180	7,710
22	4	98 957	19 154,212	258 866,004	13,515	13,044	72	54	72 359	335,311	2 667,168	7,954	7,484
23	5	98 906	17 767,442	239 711,793	13,492	13,021	73	55	70 263	302,179	2 331,857	7,717	7,246
24	6	98 858	16 481,457	221 944,350	13,466	12,996	74	56	68 025	271,512	2 029,678	7,475	7,005
25	7	98 805	15 287,893	205 462,893	13,440	12,969	75	57	65 681	243,300	1 758,166	7,226	6,756
26	8	98 757	14 181,357	190 175,001	13,410	12,940	76	58	63 194	217,250	1 514,866	6,973	6,502
27	9	98 706	13 154,605	175 993,643	13,379	12,908	77	59	60 573	193,264	1 297,616	6,714	6,244
28	10	98 657	12 202,311	162 839,038	13,345	12,874	78	60	57 865	171,344	1 104,352	6,445	5,975
29	11	98 605	11 318,783	150 636,728	13,309	12,838	79	61	54 994	151,130	933,008	6,174	5,703
30	12	98 549	10 498,681	139 317,945	13,270	12,799	80	62	51 981	132,576	781,878	5,898	5,427
31	13	98 491	9 737,795	128 819,263	13,229	12,758	81	63	48 781	115,465	649,302	5,623	5,153
32	14	98 427	9 031,498	119 081,469	13,185	12,714	82	64	45 437	99,815	533,837	5,348	4,878
33	15	98 357	8 376,008	110 049,970	13,139	12,668	83	65	41 971	85,568	434,021	5,072	4,602
34	16	98 277	7 767,208	101 673,963	13,090	12,619	84	66	38 345	72,554	348,453	4,803	4,332
35	17	98 195	7 202,559	93 906,755	13,038	12,567	85	67	34 605	60,767	275,899	4,540	4,070
36	18	98 109	6 678,597	86 704,196	12,982	12,512	86	68	30 787	50,175	215,132	4,288	3,817
37	19	98 006	6 191,754	80 025,600	12,925	12,454	87	69	26 979	40,805	164,957	4,043	3,572
38	20	97 892	5 739,732	73 833,845	12,864	12,393	88	70	23 226	32,603	124,152	3,808	3,337
39	21	97 777	5 320,614	68 094,113	12,798	12,328	89	71	19 570	25,494	91,549	3,591	3,120
40	22	97 647	4 931,386	62 773,499	12,729	12,259	90	72	16 111	19,479	66,054	3,391	2,920
41	23	97 510	4 570,261	57 842,113	12,656	12,186	91	73	12 960	14,542	46,575	3,203	2,732
42	24	97 353	4 234,696	53 271,852	12,580	12,109	92	74	10 186	10,607	32,033	3,020	2,549
43	25	97 199	3 923,908	49 037,157	12,497	12,026	93	75	7 761	7,501	21,426	2,856	2,386
44	26	97 025	3 635,164	45 113,249	12,410	11,940	94	76	5 742	5,150	13,925	2,704	2,233
45	27	96 840	3 367,252	41 478,085	12,318	11,847	95	77	4 099	3,413	8,775	2,571	2,101
46	28	96 637	3 118,532	38 110,833	12,221	11,750	96	78	2 837	2,192	5,362	2,446	1,976
47	29	96 415	2 887,572	34 992,301	12,118	11,648	97	79	1 892	1,356	3,170	2,337	1,866
48	30	96 167	2 672,973	32 104,729	12,011	11,540	98	80	1 223	0,814	1,814	2,228	1,758
49	31	95 887	2 473,508	29 431,755	11,899	11,428	99	81	765	0,472	1,000	2,117	1,646
							100	82	454	0,260	0,527	2,026	1,555

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	2 288,857	26 988,265	11,791	11,320
1							51	32	95 268	2 116,722	24 699,408	11,669	11,198
2							52	33	94 895	1 956,788	22 582,686	11,541	11,070
3							53	34	94 482	1 808,155	20 625,898	11,407	10,936
4							54	35	94 020	1 669,889	18 817,743	11,269	10,798
5							55	36	93 506	1 541,299	17 147,854	11,126	10,655
6							56	37	92 929	1 421,627	15 606,555	10,978	10,507
7							57	38	92 294	1 310,357	14 184,927	10,825	10,355
8							58	39	91 591	1 206,842	12 874,570	10,668	10,197
9							59	40	90 824	1 110,665	11 667,728	10,505	10,035
10							60	41	89 978	1 021,175	10 557,063	10,338	9,867
11							61	42	89 053	937,984	9 535,888	10,166	9,696
12							62	43	88 039	860,602	8 597,904	9,991	9,520
13							63	44	86 926	788,609	7 737,301	9,811	9,341
14							64	45	85 719	721,723	6 948,693	9,628	9,157
15							65	46	84 416	659,635	6 226,970	9,440	8,969
16							66	47	83 022	602,078	5 567,335	9,247	8,776
17							67	48	81 521	548,672	4 965,257	9,050	8,579
18							68	49	79 926	499,244	4 416,584	8,847	8,376
19	0	99 410	24 071,384	325 909,678	13,539	13,069	69	50	78 224	453,471	3 917,341	8,639	8,168
20	1	99 082	22 266,438	301 838,294	13,556	13,085	70	51	76 434	411,222	3 463,870	8,423	7,953
21	2	99 019	20 651,786	279 571,857	13,537	13,067	71	52	74 558	372,279	3 052,647	8,200	7,729
22	3	98 966	19 156,121	258 920,070	13,516	13,046	72	53	72 539	336,144	2 680,368	7,974	7,503
23	4	98 915	17 769,078	239 763,949	13,493	13,023	73	54	70 457	303,014	2 344,225	7,736	7,266
24	5	98 864	16 482,577	221 994,871	13,468	12,998	74	55	68 237	272,360	2 041,211	7,495	7,024
25	6	98 812	15 289,009	205 512,294	13,442	12,971	75	56	65 904	244,125	1 768,851	7,246	6,775
26	7	98 762	14 182,033	190 223,285	13,413	12,942	76	57	63 432	218,069	1 524,726	6,992	6,521
27	8	98 713	13 155,553	176 041,252	13,382	12,911	77	58	60 827	194,074	1 306,656	6,733	6,262
28	9	98 662	12 202,959	162 885,699	13,348	12,877	78	59	58 135	172,142	1 112,582	6,463	5,993
29	10	98 611	11 319,412	150 682,740	13,312	12,841	79	60	55 277	151,909	940,440	6,191	5,720
30	11	98 557	10 499,489	139 363,327	13,273	12,803	80	61	52 273	133,321	788,532	5,915	5,444
31	12	98 497	9 738,410	128 863,839	13,233	12,762	81	62	49 081	116,176	655,211	5,640	5,169
32	13	98 434	9 032,212	119 125,429	13,189	12,718	82	63	45 747	100,495	539,035	5,364	4,893
33	14	98 367	8 376,781	110 093,216	13,143	12,672	83	64	42 284	86,207	438,540	5,087	4,616
34	15	98 288	7 768,107	101 716,436	13,094	12,623	84	65	38 655	73,140	352,333	4,817	4,347
35	16	98 208	7 203,480	93 948,329	13,042	12,571	85	66	34 910	61,304	279,193	4,554	4,084
36	17	98 121	6 679,463	86 744,849	12,987	12,516	86	67	31 078	50,649	217,889	4,302	3,831
37	18	98 022	6 192,760	80 065,387	12,929	12,458	87	68	27 257	41,226	167,240	4,057	3,586
38	19	97 908	5 740,676	73 872,627	12,868	12,398	88	69	23 498	32,984	126,014	3,820	3,350
39	20	97 793	5 321,485	68 131,951	12,803	12,333	89	70	19 818	25,818	93,030	3,603	3,133
40	21	97 664	4 932,223	62 810,466	12,735	12,264	90	71	16 337	19,752	67,212	3,403	2,932
41	22	97 526	4 571,028	57 878,243	12,662	12,191	91	72	13 157	14,763	47,460	3,215	2,744
42	23	97 369	4 235,388	53 307,215	12,586	12,115	92	73	10 359	10,788	32,697	3,031	2,560
43	24	97 215	3 924,552	49 071,827	12,504	12,033	93	74	7 905	7,640	21,909	2,868	2,397
44	25	97 044	3 635,870	45 147,274	12,417	11,947	94	75	5 860	5,256	14,269	2,715	2,244
45	26	96 857	3 367,852	41 511,404	12,326	11,855	95	76	4 192	3,490	9,013	2,583	2,112
46	27	96 658	3 119,187	38 143,551	12,229	11,758	96	77	2 907	2,246	5,523	2,459	1,989
47	28	96 438	2 888,260	35 024,365	12,126	11,656	97	78	1 945	1,394	3,278	2,351	1,880
48	29	96 190	2 673,633	32 136,105	12,020	11,549	98	79	1 262	0,840	1,883	2,243	1,772
49	30	95 914	2 474,207	29 462,472	11,908	11,437	99	80	793	0,489	1,043	2,132	1,661
							100	81	474	0,271	0,554	2,041	1,571

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	2 289,504	27 015,635	11,800	11,329
1							51	31	95 298	2 117,403	24 726,131	11,678	11,207
2							52	32	94 927	1 957,446	22 608,728	11,550	11,079
3							53	33	94 516	1 808,788	20 651,281	11,417	10,947
4							54	34	94 056	1 670,527	18 842,493	11,279	10,809
5							55	35	93 549	1 542,019	17 171,966	11,136	10,665
6							56	36	92 974	1 422,306	15 629,947	10,989	10,518
7							57	37	92 341	1 311,019	14 207,642	10,837	10,366
8							58	38	91 642	1 207,511	12 896,623	10,680	10,210
9							59	39	90 884	1 111,388	11 689,111	10,518	10,047
10							60	40	90 035	1 021,822	10 577,723	10,352	9,881
11							61	41	89 118	938,672	9 555,901	10,180	9,710
12							62	42	88 110	861,297	8 617,229	10,005	9,534
13							63	43	87 004	789,316	7 755,932	9,826	9,355
14							64	44	85 800	722,406	6 966,616	9,644	9,173
15							65	45	84 507	660,346	6 244,210	9,456	8,985
16							66	46	83 120	602,792	5 583,865	9,263	8,793
17							67	47	81 627	549,386	4 981,072	9,067	8,596
18							68	48	80 047	500,002	4 431,686	8,863	8,393
19							69	49	78 356	454,236	3 931,684	8,656	8,185
20	0	99 370	22 331,016	301 959,005	13,522	13,051	70	50	76 575	411,982	3 477,448	8,441	7,970
21	1	99 041	20 656,380	279 627,988	13,537	13,066	71	51	74 713	373,054	3 065,466	8,217	7,747
22	2	98 979	19 158,639	258 971,608	13,517	13,047	72	52	72 699	336,886	2 692,413	7,992	7,521
23	3	98 925	17 770,850	239 812,969	13,495	13,024	73	53	70 632	303,767	2 355,526	7,754	7,284
24	4	98 873	16 484,094	222 042,119	13,470	12,999	74	54	68 426	273,112	2 051,759	7,513	7,042
25	5	98 819	15 290,048	205 558,025	13,444	12,973	75	55	66 109	244,888	1 778,647	7,263	6,792
26	6	98 769	14 183,068	190 267,977	13,415	12,944	76	56	63 647	218,809	1 533,760	7,010	6,539
27	7	98 718	13 156,179	176 084,909	13,384	12,914	77	57	61 057	194,806	1 314,951	6,750	6,279
28	8	98 669	12 203,839	162 928,729	13,351	12,880	78	58	58 378	172,863	1 120,145	6,480	6,009
29	9	98 616	11 320,014	150 724,890	13,315	12,844	79	59	55 535	152,616	947,282	6,207	5,736
30	10	98 562	10 500,072	139 404,876	13,277	12,806	80	60	52 543	134,008	794,666	5,930	5,459
31	11	98 505	9 739,159	128 904,804	13,236	12,765	81	61	49 357	116,829	660,658	5,655	5,184
32	12	98 441	9 032,783	119 165,645	13,193	12,722	82	62	46 029	101,114	543,829	5,378	4,908
33	13	98 374	8 377,443	110 132,862	13,146	12,676	83	63	42 572	86,794	442,715	5,101	4,630
34	14	98 298	7 768,824	101 755,419	13,098	12,627	84	64	38 944	73,686	355,922	4,830	4,360
35	15	98 219	7 204,314	93 986,595	13,046	12,575	85	65	35 192	61,799	282,235	4,567	4,096
36	16	98 134	6 680,317	86 782,282	12,991	12,520	86	66	31 353	51,096	220,436	4,314	3,843
37	17	98 035	6 193,563	80 101,965	12,933	12,462	87	67	27 514	41,616	169,340	4,069	3,598
38	18	97 924	5 741,607	73 908,402	12,872	12,402	88	68	23 740	33,324	127,725	3,833	3,362
39	19	97 809	5 322,360	68 166,795	12,808	12,337	89	69	20 050	26,120	94,401	3,614	3,143
40	20	97 680	4 933,031	62 844,435	12,740	12,269	90	70	16 545	20,003	68,281	3,413	2,943
41	21	97 543	4 571,805	57 911,404	12,667	12,196	91	71	13 341	14,970	48,277	3,225	2,754
42	22	97 385	4 236,099	53 339,600	12,592	12,121	92	72	10 516	10,951	33,308	3,041	2,571
43	23	97 231	3 925,194	49 103,501	12,510	12,039	93	73	8 039	7,770	22,356	2,877	2,407
44	24	97 060	3 636,468	45 178,306	12,424	11,953	94	74	5 969	5,354	14,586	2,725	2,254
45	25	96 876	3 368,507	41 541,838	12,332	11,862	95	75	4 278	3,561	9,233	2,592	2,122
46	26	96 675	3 119,743	38 173,331	12,236	11,765	96	76	2 973	2,297	5,671	2,469	1,999
47	27	96 458	2 888,866	35 053,589	12,134	11,663	97	77	1 992	1,429	3,375	2,362	1,892
48	28	96 213	2 674,270	32 164,723	12,027	11,557	98	78	1 297	0,863	1,946	2,255	1,784
49	29	95 938	2 474,818	29 490,453	11,916	11,446	99	79	818	0,505	1,083	2,144	1,674
							100	80	491	0,281	0,578	2,054	1,584

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	2 290,070	27 040,563	11,808	11,337
1							51	30	95 325	2 118,002	24 750,493	11,686	11,215
2							52	31	94 957	1 958,077	22 632,491	11,559	11,088
3							53	32	94 547	1 809,396	20 674,414	11,426	10,955
4							54	33	94 089	1 671,112	18 865,018	11,289	10,818
5							55	34	93 585	1 542,608	17 193,906	11,146	10,675
6							56	35	93 017	1 422,970	15 651,298	10,999	10,528
7							57	36	92 385	1 311,645	14 228,328	10,848	10,377
8							58	37	91 688	1 208,121	12 916,683	10,692	10,221
9							59	38	90 934	1 112,004	11 708,562	10,529	10,059
10							60	39	90 094	1 022,488	10 596,558	10,364	9,893
11							61	40	89 175	939,267	9 574,070	10,193	9,722
12							62	41	88 174	861,929	8 634,803	10,018	9,547
13							63	42	87 074	789,953	7 772,874	9,840	9,369
14							64	43	85 877	723,054	6 982,921	9,658	9,187
15							65	44	84 587	660,971	6 259,868	9,471	9,000
16							66	45	83 210	603,441	5 598,897	9,278	8,808
17							67	46	81 724	550,038	4 995,456	9,082	8,611
18							68	47	80 151	500,653	4 445,418	8,879	8,409
19							69	48	78 475	454,926	3 944,766	8,671	8,201
20							70	49	76 704	412,677	3 489,840	8,457	7,986
21	0	99 329	20 716,289	279 738,929	13,503	13,033	71	50	74 851	373,743	3 077,163	8,233	7,763
22	1	99 001	19 162,901	259 022,640	13,517	13,046	72	51	72 850	337,587	2 703,420	8,008	7,537
23	2	98 938	17 773,185	239 859,738	13,496	13,025	73	52	70 788	304,438	2 365,833	7,771	7,300
24	3	98 883	16 485,738	222 086,553	13,471	13,001	74	53	68 596	273,790	2 061,395	7,529	7,058
25	4	98 828	15 291,456	205 600,815	13,445	12,975	75	54	66 292	245,564	1 787,604	7,280	6,809
26	5	98 775	14 184,032	190 309,360	13,417	12,946	76	55	63 846	219,492	1 542,040	7,025	6,555
27	6	98 725	13 157,140	176 125,328	13,386	12,916	77	56	61 264	195,467	1 322,548	6,766	6,295
28	7	98 674	12 204,420	162 968,187	13,353	12,883	78	57	58 598	173,515	1 127,081	6,496	6,025
29	8	98 623	11 320,830	150 763,767	13,317	12,847	79	58	55 767	153,255	953,566	6,222	5,751
30	9	98 568	10 500,631	139 442,937	13,279	12,809	80	59	52 787	134,632	800,310	5,944	5,474
31	10	98 510	9 739,701	128 942,307	13,239	12,768	81	60	49 612	117,431	665,679	5,669	5,198
32	11	98 448	9 033,478	119 202,606	13,196	12,725	82	61	46 287	101,682	548,248	5,392	4,921
33	12	98 381	8 377,972	110 169,129	13,150	12,679	83	62	42 834	87,328	446,566	5,114	4,643
34	13	98 305	7 769,438	101 791,156	13,101	12,631	84	63	39 209	74,188	359,238	4,842	4,372
35	14	98 228	7 204,978	94 021,719	13,050	12,579	85	64	35 455	62,260	285,050	4,578	4,108
36	15	98 145	6 681,090	86 816,740	12,994	12,524	86	65	31 606	51,509	222,790	4,325	3,855
37	16	98 047	6 194,355	80 135,650	12,937	12,466	87	66	27 757	41,983	171,281	4,080	3,609
38	17	97 937	5 742,352	73 941,296	12,876	12,406	88	67	23 964	33,639	129,298	3,844	3,373
39	18	97 825	5 323,224	68 198,944	12,812	12,341	89	68	20 256	26,389	95,659	3,625	3,154
40	19	97 696	4 933,842	62 875,720	12,744	12,273	90	69	16 738	20,237	69,269	3,423	2,952
41	20	97 559	4 572,553	57 941,878	12,672	12,201	91	70	13 510	15,160	49,033	3,234	2,764
42	21	97 401	4 236,818	53 369,325	12,597	12,126	92	71	10 664	11,105	33,873	3,050	2,580
43	22	97 247	3 925,853	49 132,507	12,515	12,044	93	72	8 161	7,888	22,768	2,886	2,416
44	23	97 076	3 637,063	45 206,653	12,429	11,959	94	73	6 070	5,445	14,880	2,733	2,262
45	24	96 892	3 369,061	41 569,591	12,339	11,868	95	74	4 358	3,627	9,435	2,601	2,130
46	25	96 694	3 120,349	38 200,530	12,242	11,772	96	75	3 034	2,344	5,808	2,478	2,007
47	26	96 475	2 889,381	35 080,181	12,141	11,670	97	76	2 038	1,461	3,464	2,371	1,900
48	27	96 233	2 674,831	32 190,800	12,035	11,564	98	77	1 329	0,884	2,003	2,265	1,794
49	28	95 961	2 475,407	29 515,970	11,924	11,453	99	78	841	0,519	1,119	2,155	1,684
							100	79	506	0,290	0,600	2,066	1,595

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	28	95 679	2 290,615	27 063,290	11,815	11,344
1							51	29	95 349	2 118,525	24 772,675	11,693	11,223
2							52	30	94 984	1 958,630	22 654,150	11,566	11,096
3							53	31	94 578	1 809,979	20 695,519	11,434	10,963
4							54	32	94 121	1 671,674	18 885,541	11,297	10,827
5							55	33	93 618	1 543,149	17 213,867	11,155	10,684
6							56	34	93 053	1 423,513	15 670,718	11,008	10,538
7							57	35	92 428	1 312,257	14 247,205	10,857	10,386
8							58	36	91 732	1 208,698	12 934,947	10,702	10,231
9							59	37	90 980	1 112,566	11 726,250	10,540	10,069
10							60	38	90 144	1 023,055	10 613,684	10,375	9,904
11							61	39	89 233	939,878	9 590,629	10,204	9,733
12							62	40	88 230	862,475	8 650,751	10,030	9,559
13							63	41	87 138	790,532	7 788,276	9,852	9,381
14							64	42	85 946	723,637	6 997,744	9,670	9,200
15							65	43	84 663	661,563	6 274,106	9,484	9,013
16							66	44	83 289	604,013	5 612,543	9,292	8,821
17							67	45	81 812	550,630	5 008,530	9,096	8,625
18							68	46	80 246	501,246	4 457,900	8,894	8,423
19							69	47	78 577	455,518	3 956,654	8,686	8,215
20							70	48	76 821	413,304	3 501,136	8,471	8,000
21							71	49	74 978	374,373	3 087,832	8,248	7,777
22	0	99 289	19 218,478	259 124,604	13,483	13,012	72	50	72 985	338,211	2 713,459	8,023	7,552
23	1	98 960	17 777,139	239 906,126	13,495	13,025	73	51	70 935	305,071	2 375,248	7,786	7,315
24	2	98 896	16 487,904	222 128,987	13,472	13,002	74	52	68 747	274,395	2 070,177	7,545	7,074
25	3	98 838	15 292,980	205 641,082	13,447	12,976	75	53	66 457	246,174	1 795,781	7,295	6,824
26	4	98 785	14 185,338	190 348,102	13,419	12,948	76	54	64 022	220,099	1 549,607	7,041	6,570
27	5	98 732	13 158,034	176 162,764	13,388	12,918	77	55	61 455	196,077	1 329,508	6,781	6,310
28	6	98 681	12 205,311	163 004,730	13,355	12,885	78	56	58 797	174,104	1 133,431	6,510	6,039
29	7	98 628	11 321,369	150 799,418	13,320	12,849	79	57	55 978	153,833	959,328	6,236	5,765
30	8	98 575	10 501,387	139 478,049	13,282	12,811	80	58	53 008	135,196	805,494	5,958	5,487
31	9	98 515	9 740,218	128 976,662	13,242	12,771	81	59	49 843	117,978	670,299	5,682	5,211
32	10	98 454	9 033,980	119 236,444	13,199	12,728	82	60	46 526	102,206	552,321	5,404	4,933
33	11	98 388	8 378,616	110 202,464	13,153	12,682	83	61	43 075	87,819	450,115	5,125	4,655
34	12	98 312	7 769,929	101 823,847	13,105	12,634	84	62	39 450	74,645	362,296	4,854	4,383
35	13	98 236	7 205,548	94 053,918	13,053	12,582	85	63	35 696	62,684	287,651	4,589	4,118
36	14	98 154	6 681,706	86 848,370	12,998	12,527	86	64	31 842	51,894	224,967	4,335	3,865
37	15	98 059	6 195,072	80 166,664	12,940	12,470	87	65	27 982	42,322	173,074	4,089	3,619
38	16	97 949	5 743,086	73 971,592	12,880	12,409	88	66	24 176	33,936	130,751	3,853	3,382
39	17	97 837	5 323,914	68 228,506	12,815	12,345	89	67	20 448	26,638	96,815	3,634	3,164
40	18	97 712	4 934,643	62 904,592	12,748	12,277	90	68	16 910	20,445	70,177	3,432	2,962
41	19	97 575	4 573,305	57 969,949	12,676	12,205	91	69	13 668	15,337	49,731	3,243	2,772
42	20	97 417	4 237,512	53 396,644	12,601	12,130	92	70	10 799	11,246	34,394	3,058	2,588
43	21	97 264	3 926,520	49 159,132	12,520	12,049	93	71	8 276	7,998	23,148	2,894	2,424
44	22	97 092	3 637,673	45 232,613	12,434	11,964	94	72	6 162	5,527	15,150	2,741	2,270
45	23	96 908	3 369,612	41 594,940	12,344	11,873	95	73	4 432	3,689	9,623	2,608	2,138
46	24	96 710	3 120,862	38 225,328	12,248	11,778	96	74	3 090	2,387	5,934	2,486	2,015
47	25	96 494	2 889,942	35 104,466	12,147	11,676	97	75	2 079	1,491	3,546	2,379	1,908
48	26	96 251	2 675,307	32 214,523	12,041	11,571	98	76	1 359	0,904	2,055	2,273	1,802
49	27	95 981	2 475,926	29 539,216	11,931	11,460	99	77	861	0,532	1,151	2,164	1,693
							100	78	521	0,298	0,619	2,075	1,605

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	2 291,095	27 083,990	11,821	11,351
1							51	28	95 371	2 119,029	24 792,895	11,700	11,229
2							52	29	95 008	1 959,114	22 673,866	11,574	11,103
3							53	30	94 605	1 810,491	20 714,752	11,442	10,971
4							54	31	94 151	1 672,212	18 904,261	11,305	10,834
5							55	32	93 649	1 543,667	17 232,049	11,163	10,692
6							56	33	93 085	1 424,012	15 688,382	11,017	10,546
7							57	34	92 463	1 312,758	14 264,370	10,866	10,395
8							58	35	91 775	1 209,262	12 951,611	10,710	10,240
9							59	36	91 023	1 113,097	11 742,349	10,549	10,079
10							60	37	90 189	1 023,571	10 629,252	10,384	9,914
11							61	38	89 282	940,399	9 605,681	10,214	9,744
12							62	39	88 288	863,037	8 665,281	10,040	9,570
13							63	40	87 193	791,033	7 802,245	9,863	9,393
14							64	41	86 009	724,168	7 011,212	9,682	9,211
15							65	42	84 732	662,098	6 287,043	9,496	9,025
16							66	43	83 363	604,554	5 624,946	9,304	8,834
17							67	44	81 890	551,151	5 020,392	9,109	8,638
18							68	45	80 333	501,786	4 469,241	8,907	8,436
19							69	46	78 671	456,058	3 967,455	8,699	8,229
20							70	47	76 921	413,842	3 511,397	8,485	8,014
21							71	48	75 092	374,942	3 097,555	8,261	7,791
22							72	49	73 108	338,782	2 722,613	8,036	7,566
23	0	99 247	17 828,697	239 999,843	13,461	12,991	73	50	71 066	305,635	2 383,831	7,800	7,329
24	1	98 918	16 491,572	222 171,145	13,472	13,001	74	51	68 890	274,966	2 078,196	7,558	7,087
25	2	98 851	15 294,990	205 679,573	13,448	12,977	75	52	66 603	246,718	1 803,230	7,309	6,838
26	3	98 794	14 186,752	190 384,583	13,420	12,949	76	53	64 181	220,645	1 556,512	7,054	6,584
27	4	98 741	13 159,246	176 197,831	13,390	12,919	77	54	61 625	196,619	1 335,866	6,794	6,324
28	5	98 688	12 206,141	163 038,585	13,357	12,886	78	55	58 981	174,647	1 139,248	6,523	6,052
29	6	98 635	11 322,196	150 832,444	13,322	12,851	79	56	56 168	154,355	964,601	6,249	5,779
30	7	98 579	10 501,888	139 510,249	13,284	12,814	80	57	53 208	135,706	810,245	5,971	5,500
31	8	98 523	9 740,920	129 008,361	13,244	12,773	81	58	50 051	118,472	674,540	5,694	5,223
32	9	98 459	9 034,460	119 267,441	13,201	12,731	82	59	46 742	102,682	556,067	5,415	4,945
33	10	98 394	8 379,082	110 232,981	13,156	12,685	83	60	43 297	88,272	453,386	5,136	4,666
34	11	98 319	7 770,526	101 853,898	13,108	12,637	84	61	39 672	75,064	365,114	4,864	4,393
35	12	98 242	7 206,003	94 083,372	13,056	12,586	85	62	35 916	63,070	290,050	4,599	4,128
36	13	98 162	6 682,235	86 877,369	13,001	12,531	86	63	32 059	52,247	226,980	4,344	3,874
37	14	98 068	6 195,643	80 195,134	12,944	12,473	87	64	28 191	42,638	174,734	4,098	3,627
38	15	97 961	5 743,751	73 999,491	12,883	12,413	88	65	24 371	34,210	132,095	3,861	3,391
39	16	97 850	5 324,595	68 255,740	12,819	12,348	89	66	20 628	26,874	97,885	3,642	3,172
40	17	97 724	4 935,283	62 931,145	12,751	12,281	90	67	17 070	20,639	71,011	3,441	2,970
41	18	97 591	4 574,047	57 995,862	12,679	12,209	91	68	13 809	15,495	50,373	3,251	2,780
42	19	97 433	4 238,209	53 421,815	12,605	12,134	92	69	10 925	11,377	34,877	3,065	2,595
43	20	97 280	3 927,163	49 183,606	12,524	12,053	93	70	8 381	8,100	23,500	2,901	2,431
44	21	97 109	3 638,291	45 256,444	12,439	11,968	94	71	6 249	5,605	15,400	2,748	2,277
45	22	96 924	3 370,177	41 618,153	12,349	11,878	95	72	4 499	3,745	9,795	2,615	2,145
46	23	96 725	3 121,373	38 247,976	12,254	11,783	96	73	3 142	2,428	6,050	2,492	2,021
47	24	96 510	2 890,417	35 126,603	12,153	11,682	97	74	2 118	1,519	3,622	2,385	1,915
48	25	96 269	2 675,828	32 236,186	12,047	11,577	98	75	1 387	0,923	2,104	2,279	1,809
49	26	95 998	2 476,368	29 560,358	11,937	11,466	99	76	881	0,544	1,181	2,171	1,700
							100	77	533	0,306	0,637	2,083	1,613

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	2 291,504	27 102,813	11,828	11,357
1							51	27	95 391	2 119,474	24 811,309	11,706	11,236
2							52	28	95 030	1 959,580	22 691,835	11,580	11,109
3							53	29	94 628	1 810,938	20 732,255	11,448	10,978
4							54	30	94 178	1 672,685	18 921,317	11,312	10,841
5							55	31	93 679	1 544,164	17 248,632	11,170	10,700
6							56	32	93 117	1 424,491	15 704,468	11,025	10,554
7							57	33	92 496	1 313,218	14 279,977	10,874	10,403
8							58	34	91 810	1 209,724	12 966,759	10,719	10,248
9							59	35	91 066	1 113,617	11 757,035	10,558	10,087
10							60	36	90 232	1 024,060	10 643,418	10,393	9,923
11							61	37	89 328	940,874	9 619,358	10,224	9,753
12							62	38	88 337	863,515	8 678,484	10,050	9,580
13							63	39	87 250	791,548	7 814,969	9,873	9,402
14							64	40	86 064	724,627	7 023,421	9,692	9,222
15							65	41	84 794	662,583	6 298,794	9,506	9,036
16							66	42	83 431	605,042	5 636,210	9,315	8,845
17							67	43	81 963	551,645	5 031,168	9,120	8,650
18							68	44	80 409	502,261	4 479,523	8,919	8,448
19							69	45	78 755	456,549	3 977,262	8,712	8,241
20							70	46	77 012	414,332	3 520,713	8,497	8,027
21							71	47	75 189	375,430	3 106,380	8,274	7,804
22							72	48	73 219	339,296	2 730,951	8,049	7,578
23							73	49	71 186	306,151	2 391,654	7,812	7,341
24	0	99 205	16 539,402	222 257,286	13,438	12,967	74	50	69 018	275,474	2 085,504	7,571	7,100
25	1	98 873	15 298,393	205 717,883	13,447	12,976	75	51	66 742	247,231	1 810,029	7,321	6,851
26	2	98 807	14 188,617	190 419,491	13,421	12,950	76	52	64 323	221,133	1 562,798	7,067	6,597
27	3	98 751	13 160,558	176 230,874	13,391	12,920	77	53	61 778	197,107	1 341,665	6,807	6,336
28	4	98 697	12 207,264	163 070,316	13,358	12,888	78	54	59 144	175,130	1 144,558	6,535	6,065
29	5	98 642	11 322,965	150 863,052	13,324	12,853	79	55	56 343	154,837	969,428	6,261	5,790
30	6	98 586	10 502,654	139 540,087	13,286	12,816	80	56	53 389	136,166	814,591	5,982	5,512
31	7	98 527	9 741,384	129 037,432	13,246	12,776	81	57	50 240	118,919	678,425	5,705	5,234
32	8	98 466	9 035,111	119 296,048	13,204	12,733	82	58	46 938	103,112	559,506	5,426	4,956
33	9	98 399	8 379,528	110 260,937	13,158	12,688	83	59	43 498	88,683	456,394	5,146	4,676
34	10	98 325	7 770,958	101 881,409	13,111	12,640	84	60	39 876	75,451	367,711	4,874	4,403
35	11	98 250	7 206,557	94 110,451	13,059	12,588	85	61	36 118	63,424	292,261	4,608	4,137
36	12	98 168	6 682,657	86 903,893	13,004	12,534	86	62	32 256	52,569	228,836	4,353	3,882
37	13	98 075	6 196,133	80 221,236	12,947	12,476	87	63	28 382	42,929	176,268	4,106	3,635
38	14	97 970	5 744,281	74 025,103	12,887	12,416	88	64	24 553	34,466	133,339	3,869	3,398
39	15	97 861	5 325,211	68 280,822	12,822	12,352	89	65	20 795	27,091	98,874	3,650	3,179
40	16	97 737	4 935,914	62 955,611	12,755	12,284	90	66	17 221	20,821	71,783	3,448	2,977
41	17	97 603	4 574,640	58 019,697	12,683	12,212	91	67	13 940	15,642	50,962	3,258	2,787
42	18	97 449	4 238,897	53 445,057	12,608	12,138	92	68	11 038	11,495	35,320	3,073	2,602
43	19	97 296	3 927,808	49 206,160	12,528	12,057	93	69	8 479	8,195	23,826	2,908	2,437
44	20	97 124	3 638,886	45 278,352	12,443	11,972	94	70	6 328	5,676	15,631	2,754	2,283
45	21	96 940	3 370,749	41 639,466	12,353	11,883	95	71	4 562	3,798	9,955	2,621	2,151
46	22	96 742	3 121,896	38 268,716	12,258	11,788	96	72	3 190	2,465	6,157	2,498	2,028
47	23	96 526	2 890,890	35 146,820	12,158	11,687	97	73	2 154	1,544	3,693	2,391	1,920
48	24	96 285	2 676,267	32 255,930	12,053	11,582	98	74	1 413	0,940	2,148	2,285	1,815
49	25	96 017	2 476,849	29 579,662	11,942	11,472	99	75	899	0,555	1,208	2,177	1,706
							100	76	545	0,313	0,653	2,089	1,619

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	2 291,949	27 119,998	11,833	11,362
1							51	26	95 408	2 119,852	24 828,049	11,712	11,241
2							52	27	95 050	1 959,991	22 708,197	11,586	11,115
3							53	28	94 650	1 811,369	20 748,206	11,454	10,984
4							54	29	94 201	1 673,098	18 936,837	11,318	10,848
5							55	30	93 706	1 544,601	17 263,739	11,177	10,706
6							56	31	93 147	1 424,950	15 719,138	11,031	10,561
7							57	32	92 527	1 313,660	14 294,188	10,881	10,411
8							58	33	91 842	1 210,148	12 980,528	10,726	10,256
9							59	34	91 101	1 114,042	11 770,380	10,565	10,095
10							60	35	90 274	1 024,538	10 656,338	10,401	9,930
11							61	36	89 370	941,323	9 631,800	10,232	9,762
12							62	37	88 381	863,951	8 690,477	10,059	9,588
13							63	38	87 298	791,987	7 826,526	9,882	9,411
14							64	39	86 120	725,099	7 034,539	9,701	9,231
15							65	40	84 847	663,003	6 309,440	9,516	9,046
16							66	41	83 492	605,486	5 646,437	9,325	8,855
17							67	42	82 029	552,091	5 040,951	9,131	8,660
18							68	43	80 481	502,711	4 488,860	8,929	8,459
19							69	44	78 830	456,981	3 986,149	8,723	8,252
20							70	45	77 095	414,778	3 529,167	8,509	8,038
21							71	46	75 278	375,875	3 114,389	8,286	7,815
22							72	47	73 314	339,738	2 738,514	8,061	7,590
23							73	48	71 294	306,616	2 398,776	7,823	7,353
24							74	49	69 134	275,939	2 092,160	7,582	7,111
25	0	99 160	15 342,762	205 797,061	13,413	12,943	75	50	66 865	247,688	1 816,222	7,333	6,862
26	1	98 829	14 191,773	190 454,299	13,420	12,949	76	51	64 457	221,593	1 568,533	7,078	6,608
27	2	98 764	13 162,287	176 262,526	13,391	12,921	77	52	61 914	197,543	1 346,940	6,818	6,348
28	3	98 706	12 208,481	163 100,238	13,360	12,889	78	53	59 291	175,565	1 149,398	6,547	6,076
29	4	98 651	11 324,008	150 891,757	13,325	12,854	79	54	56 499	155,265	973,833	6,272	5,801
30	5	98 593	10 503,368	139 567,749	13,288	12,817	80	55	53 556	136,591	818,568	5,993	5,522
31	6	98 534	9 742,096	129 064,381	13,248	12,777	81	56	50 411	119,322	681,977	5,715	5,245
32	7	98 471	9 035,542	119 322,286	13,206	12,735	82	57	47 115	103,501	562,654	5,436	4,966
33	8	98 406	8 380,132	110 286,744	13,161	12,690	83	58	43 681	89,054	459,154	5,156	4,685
34	9	98 330	7 771,372	101 906,613	13,113	12,642	84	59	40 062	75,802	370,099	4,882	4,412
35	10	98 255	7 206,958	94 135,241	13,062	12,591	85	60	36 304	63,751	294,297	4,616	4,146
36	11	98 176	6 683,171	86 928,283	13,007	12,536	86	61	32 437	52,864	230,546	4,361	3,890
37	12	98 082	6 196,525	80 245,112	12,950	12,479	87	62	28 557	43,193	177,682	4,114	3,643
38	13	97 978	5 744,735	74 048,587	12,890	12,419	88	63	24 720	34,700	134,489	3,876	3,405
39	14	97 870	5 325,703	68 303,852	12,825	12,355	89	64	20 950	27,293	99,789	3,656	3,186
40	15	97 748	4 936,485	62 978,150	12,758	12,287	90	65	17 360	20,989	72,496	3,454	2,983
41	16	97 616	4 575,225	58 041,664	12,686	12,215	91	66	14 063	15,780	51,507	3,264	2,793
42	17	97 462	4 239,446	53 466,439	12,612	12,141	92	67	11 142	11,603	35,727	3,079	2,608
43	18	97 311	3 928,446	49 226,993	12,531	12,060	93	68	8 566	8,279	24,124	2,914	2,443
44	19	97 140	3 639,485	45 298,547	12,446	11,976	94	69	6 402	5,742	15,845	2,759	2,289
45	20	96 956	3 371,301	41 659,062	12,357	11,886	95	70	4 620	3,846	10,103	2,627	2,156
46	21	96 758	3 122,427	38 287,761	12,262	11,792	96	71	3 235	2,499	6,257	2,504	2,033
47	22	96 542	2 891,375	35 165,335	12,162	11,691	97	72	2 187	1,568	3,758	2,397	1,926
48	23	96 301	2 676,705	32 273,959	12,057	11,587	98	73	1 437	0,956	2,190	2,290	1,820
49	24	96 032	2 477,256	29 597,254	11,948	11,477	99	74	915	0,565	1,234	2,182	1,711
							100	75	557	0,319	0,668	2,094	1,624

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 331 128,085	13,311	12,840	50	50	94 198	2 008,428	22 276,900	11,092	10,621
1	1	99 373	92 012,217	1 231 128,085	13,380	12,909	51	51	93 723	1 850,261	20 268,472	10,954	10,483
2	2	99 327	85 156,963	1 139 115,868	13,377	12,906	52	52	93 193	1 703,531	18 418,211	10,812	10,341
3	3	99 301	78 828,192	1 053 958,905	13,370	12,899	53	53	92 616	1 567,577	16 714,680	10,663	10,192
4	4	99 279	72 973,138	975 130,713	13,363	12,892	54	54	91 970	1 441,327	15 147,103	10,509	10,038
5	5	99 259	67 553,792	902 157,575	13,355	12,884	55	55	91 257	1 324,221	13 705,776	10,350	9,879
6	6	99 243	62 539,873	834 603,783	13,345	12,874	56	56	90 456	1 215,363	12 381,556	10,188	9,716
7	7	99 227	57 897,848	772 063,910	13,335	12,864	57	57	89 579	1 114,427	11 166,193	10,020	9,549
8	8	99 212	53 601,356	714 166,062	13,324	12,853	58	58	88 612	1 020,733	10 051,766	9,848	9,377
9	9	99 198	49 623,529	660 564,706	13,312	12,840	59	59	87 560	933,909	9 031,032	9,670	9,199
10	10	99 184	45 941,582	610 941,178	13,298	12,827	60	60	86 397	853,244	8 097,123	9,490	9,019
11	11	99 172	42 532,969	564 999,596	13,284	12,813	61	61	85 133	778,481	7 243,878	9,305	8,834
12	12	99 157	39 376,629	522 466,627	13,268	12,797	62	62	83 760	709,196	6 465,398	9,117	8,645
13	13	99 142	36 454,310	483 089,999	13,252	12,781	63	63	82 269	644,972	5 756,202	8,925	8,454
14	14	99 125	33 748,186	446 635,689	13,234	12,763	64	64	80 655	585,475	5 111,229	8,730	8,259
15	15	99 104	31 241,578	412 887,503	13,216	12,745	65	65	78 926	530,485	4 525,754	8,531	8,060
16	16	99 077	28 919,542	381 645,925	13,197	12,726	66	66	77 091	479,774	3 995,269	8,327	7,856
17	17	99 041	26 767,808	352 726,383	13,177	12,706	67	67	75 132	432,947	3 515,495	8,120	7,649
18	18	99 002	24 775,187	325 958,575	13,157	12,686	68	68	73 083	389,945	3 082,548	7,905	7,434
19	19	98 948	22 927,410	301 183,388	13,136	12,665	69	69	70 917	350,358	2 692,603	7,685	7,214
20	20	98 892	21 217,029	278 255,978	13,115	12,644	70	70	68 620	313,899	2 342,245	7,462	6,991
21	21	98 835	19 634,077	257 038,948	13,091	12,620	71	71	66 234	280,539	2 028,346	7,230	6,759
22	22	98 778	18 169,262	237 404,872	13,066	12,595	72	72	63 690	249,781	1 747,807	6,997	6,526
23	23	98 720	16 813,517	219 235,609	13,039	12,568	73	73	61 089	221,834	1 498,026	6,753	6,282
24	24	98 662	15 558,984	202 422,093	13,010	12,539	74	74	58 335	196,142	1 276,192	6,506	6,035
25	25	98 601	14 397,502	186 863,109	12,979	12,508	75	75	55 488	172,748	1 080,051	6,252	5,781
26	26	98 538	13 322,542	172 465,606	12,945	12,474	76	76	52 510	151,368	907,302	5,994	5,523
27	27	98 477	12 328,053	159 143,064	12,909	12,438	77	77	49 424	131,919	755,935	5,730	5,259
28	28	98 412	11 407,337	146 815,011	12,870	12,399	78	78	46 298	114,423	624,016	5,454	4,983
29	29	98 343	10 554,951	135 407,674	12,829	12,358	79	79	43 025	98,455	509,594	5,176	4,705
30	30	98 271	9 765,871	124 852,722	12,785	12,314	80	80	39 636	83,983	411,138	4,896	4,424
31	31	98 191	9 035,142	115 086,851	12,738	12,267	81	81	36 105	70,835	327,156	4,619	4,148
32	32	98 103	8 358,381	106 051,709	12,688	12,217	82	82	32 491	59,022	256,321	4,343	3,872
33	33	98 010	7 731,916	97 693,327	12,635	12,164	83	83	28 815	48,467	197,299	4,071	3,600
34	34	97 907	7 151,657	89 961,411	12,579	12,108	84	84	25 074	39,050	148,832	3,811	3,340
35	35	97 801	6 614,724	82 809,755	12,519	12,048	85	85	21 372	30,819	109,781	3,562	3,091
36	36	97 682	6 117,263	76 195,031	12,456	11,985	86	86	17 779	23,739	78,962	3,326	2,855
37	37	97 549	5 656,432	70 077,768	12,389	11,918	87	87	14 398	17,801	55,223	3,102	2,631
38	38	97 402	5 229,570	64 421,336	12,319	11,848	88	88	11 298	12,933	37,422	2,894	2,423
39	39	97 249	4 834,594	59 191,766	12,243	11,772	89	89	8 548	9,060	24,490	2,703	2,232
40	40	97 074	4 468,398	54 357,172	12,165	11,694	90	90	6 217	6,101	15,430	2,529	2,058
41	41	96 892	4 129,669	49 888,774	12,081	11,610	91	91	4 330	3,935	9,328	2,371	1,900
42	42	96 681	3 815,422	45 759,104	11,993	11,522	92	92	2 887	2,429	5,394	2,221	1,750
43	43	96 466	3 524,954	41 943,683	11,899	11,428	93	93	1 819	1,417	2,965	2,092	1,621
44	44	96 226	3 255,723	38 418,728	11,800	11,329	94	94	1 086	0,783	1,548	1,976	1,505
45	45	95 968	3 006,485	35 163,006	11,696	11,225	95	95	611	0,408	0,764	1,874	1,403
46	46	95 685	2 775,562	32 156,520	11,586	11,115	96	96	323	0,200	0,356	1,784	1,313
47	47	95 375	2 561,627	29 380,958	11,470	10,999	97	97	160	0,091	0,157	1,715	1,244
48	48	95 029	2 363,272	26 819,332	11,348	10,877	98	98	75	0,040	0,065	1,641	1,170
49	49	94 635	2 179,161	24 456,060	11,223	10,752	99	99	33	0,016	0,026	1,569	1,098
							100	100	13	0,006	0,009	1,511	1,039

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	1	99 711	99 710,813	1 330 509,469	13,344	12,873	50	51	94 025	2 004,724	22 134,336	11,041	10,570
1	2	99 351	91 991,752	1 230 798,656	13,379	12,908	51	52	93 528	1 846,419	20 129,612	10,902	10,431
2	3	99 314	85 145,773	1 138 806,904	13,375	12,904	52	53	92 988	1 699,775	18 283,192	10,756	10,285
3	4	99 291	78 820,333	1 053 661,130	13,368	12,897	53	54	92 387	1 563,691	16 583,417	10,605	10,134
4	5	99 270	72 966,421	974 840,798	13,360	12,889	54	55	91 717	1 437,357	15 019,726	10,450	9,978
5	6	99 252	67 549,202	901 874,377	13,351	12,880	55	56	90 973	1 320,099	13 582,369	10,289	9,818
6	7	99 236	62 535,307	834 325,175	13,342	12,871	56	57	90 150	1 211,253	12 262,269	10,124	9,653
7	8	99 222	57 895,091	771 789,868	13,331	12,860	57	58	89 242	1 110,241	11 051,016	9,954	9,483
8	9	99 205	53 597,421	713 894,778	13,320	12,849	58	59	88 242	1 016,473	9 940,775	9,780	9,309
9	10	99 192	49 620,891	660 297,285	13,307	12,836	59	60	87 154	929,581	8 924,302	9,600	9,129
10	11	99 179	45 939,027	610 676,394	13,293	12,822	60	61	85 954	848,870	7 994,720	9,418	8,947
11	12	99 164	42 529,698	564 737,366	13,279	12,808	61	62	84 657	774,132	7 145,851	9,231	8,760
12	13	99 151	39 374,140	522 207,668	13,263	12,792	62	63	83 248	704,854	6 371,719	9,040	8,569
13	14	99 134	36 451,428	482 833,528	13,246	12,775	63	64	81 713	640,612	5 666,864	8,846	8,375
14	15	99 116	33 745,073	446 382,100	13,228	12,757	64	65	80 057	581,138	5 026,252	8,649	8,178
15	16	99 092	31 237,961	412 637,027	13,209	12,738	65	66	78 293	526,234	4 445,114	8,447	7,976
16	17	99 064	28 915,845	381 399,067	13,190	12,719	66	67	76 416	475,572	3 940,880	8,240	7,769
17	18	99 029	26 764,338	352 483,221	13,170	12,699	67	68	74 429	428,895	3 443,308	8,028	7,557
18	19	98 986	24 771,165	325 718,883	13,149	12,678	68	69	72 338	385,966	3 014,413	7,810	7,339
19	20	98 932	22 923,642	300 947,718	13,128	12,657	69	70	70 098	346,312	2 628,447	7,590	7,119
20	21	98 875	21 213,556	278 024,076	13,106	12,635	70	71	67 759	309,959	2 282,135	7,363	6,892
21	22	98 818	19 630,743	256 810,520	13,082	12,611	71	72	65 319	276,663	1 972,175	7,128	6,657
22	23	98 761	18 166,214	237 179,777	13,056	12,585	72	73	62 738	246,048	1 695,512	6,891	6,420
23	24	98 704	16 810,767	219 013,563	13,028	12,557	73	74	60 066	218,121	1 449,465	6,645	6,174
24	25	98 646	15 556,428	202 202,797	12,998	12,527	74	75	57 274	192,573	1 231,343	6,394	5,923
25	26	98 582	14 394,703	186 646,368	12,966	12,495	75	76	54 371	169,273	1 038,770	6,137	5,666
26	27	98 521	13 320,167	172 251,665	12,932	12,461	76	77	51 346	148,015	869,497	5,874	5,403
27	28	98 457	12 325,468	158 931,498	12,895	12,424	77	78	48 241	128,761	721,483	5,603	5,132
28	29	98 389	11 404,622	146 606,030	12,855	12,384	78	79	45 039	111,310	592,722	5,325	4,854
29	30	98 319	10 552,347	135 201,408	12,812	12,341	79	80	41 699	95,422	481,412	5,045	4,574
30	31	98 243	9 763,110	124 649,061	12,767	12,296	80	81	38 238	81,021	385,990	4,764	4,293
31	32	98 159	9 032,233	114 885,951	12,720	12,249	81	82	34 646	67,972	304,969	4,487	4,016
32	33	98 070	8 355,574	105 853,718	12,669	12,198	82	83	30 964	56,248	236,997	4,213	3,742
33	34	97 976	7 729,208	97 498,145	12,614	12,143	83	84	27 224	45,792	180,749	3,947	3,476
34	35	97 870	7 148,926	89 768,937	12,557	12,086	84	85	23 474	36,559	134,957	3,691	3,220
35	36	97 755	6 611,636	82 620,010	12,496	12,025	85	86	19 797	28,548	98,398	3,447	2,976
36	37	97 635	6 114,346	76 008,375	12,431	11,960	86	87	16 263	21,715	69,850	3,217	2,746
37	38	97 499	5 653,575	69 894,029	12,363	11,892	87	88	12 971	16,037	48,135	3,002	2,531
38	39	97 348	5 226,672	64 240,454	12,291	11,820	88	89	10 018	11,468	32,098	2,799	2,328
39	40	97 186	4 831,449	59 013,781	12,215	11,743	89	90	7 447	7,893	20,631	2,614	2,143
40	41	97 012	4 465,569	54 182,333	12,133	11,662	90	91	5 302	5,204	12,738	2,448	1,977
41	42	96 821	4 126,642	49 716,764	12,048	11,577	91	92	3 611	3,282	7,534	2,296	1,825
42	43	96 603	3 812,343	45 590,121	11,959	11,488	92	93	2 344	1,972	4,253	2,156	1,685
43	44	96 380	3 521,797	41 777,778	11,863	11,392	93	94	1 438	1,120	2,280	2,035	1,564
44	45	96 135	3 252,643	38 255,981	11,762	11,290	94	95	837	0,604	1,160	1,922	1,451
45	46	95 865	3 003,251	35 003,337	11,655	11,184	95	96	456	0,304	0,556	1,828	1,357
46	47	95 572	2 772,275	32 000,086	11,543	11,072	96	97	233	0,144	0,252	1,750	1,279
47	48	95 251	2 558,298	29 227,811	11,425	10,954	97	98	113	0,064	0,108	1,676	1,205
48	49	94 884	2 359,686	26 669,513	11,302	10,831	98	99	51	0,027	0,044	1,606	1,135
49	50	94 476	2 175,491	24 309,827	11,174	10,703	99	100	22	0,011	0,016	1,538	1,067

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	2	99 689	99 688,636	1 330 148,552	13,343	12,872	50	52	93 830	2 000,561	21 979,431	10,987	10,516
1	3	99 338	91 979,664	1 230 459,916	13,378	12,906	51	53	93 322	1 842,349	19 978,870	10,844	10,373
2	4	99 304	85 137,284	1 138 480,252	13,372	12,901	52	54	92 757	1 695,562	18 136,521	10,696	10,225
3	5	99 282	78 813,077	1 053 342,968	13,365	12,894	53	55	92 132	1 559,385	16 440,959	10,543	10,072
4	6	99 263	72 961,463	974 529,891	13,357	12,886	54	56	91 431	1 432,884	14 881,574	10,386	9,915
5	7	99 245	67 544,270	901 568,428	13,348	12,877	55	57	90 665	1 315,635	13 448,691	10,222	9,751
6	8	99 231	62 532,328	834 024,158	13,337	12,866	56	58	89 811	1 206,703	12 133,055	10,055	9,584
7	9	99 215	57 890,918	771 491,829	13,327	12,856	57	59	88 870	1 105,607	10 926,352	9,883	9,412
8	10	99 200	53 594,644	713 600,911	13,315	12,844	58	60	87 833	1 011,763	9 820,745	9,707	9,236
9	11	99 187	49 618,132	660 006,267	13,302	12,831	59	61	86 708	924,816	8 808,982	9,525	9,054
10	12	99 171	45 935,495	610 388,135	13,288	12,817	60	62	85 474	844,128	7 884,167	9,340	8,869
11	13	99 158	42 527,010	564 452,640	13,273	12,802	61	63	84 139	769,393	7 040,039	9,150	8,679
12	14	99 143	39 371,028	521 925,630	13,257	12,786	62	64	82 685	700,090	6 270,646	8,957	8,486
13	15	99 125	36 448,066	482 554,602	13,240	12,768	63	65	81 108	635,866	5 570,556	8,761	8,290
14	16	99 104	33 741,166	446 106,536	13,221	12,750	64	66	79 415	576,481	4 934,690	8,560	8,089
15	17	99 079	31 233,967	412 365,370	13,202	12,731	65	67	77 607	521,626	4 358,210	8,355	7,884
16	18	99 051	28 912,096	381 131,403	13,182	12,711	66	68	75 701	471,121	3 826,584	8,144	7,672
17	19	99 012	26 759,993	352 219,307	13,162	12,691	67	69	73 670	424,519	3 365,463	7,928	7,457
18	20	98 970	24 767,093	325 459,313	13,141	12,670	68	70	71 502	381,510	2 940,944	7,709	7,238
19	21	98 915	22 919,890	300 692,220	13,119	12,648	69	71	69 218	341,966	2 559,434	7,484	7,013
20	22	98 859	21 209,954	277 772,330	13,096	12,625	70	72	66 823	305,677	2 217,469	7,254	6,783
21	23	98 801	19 627,449	256 562,376	13,072	12,601	71	73	64 342	272,528	1 911,791	7,015	6,544
22	24	98 745	18 163,243	236 934,926	13,045	12,574	72	74	61 688	241,930	1 639,264	6,776	6,305
23	25	98 688	16 808,005	218 771,684	13,016	12,545	73	75	58 974	214,153	1 397,334	6,525	6,054
24	26	98 627	15 553,404	201 963,678	12,985	12,514	74	76	56 121	188,699	1 183,181	6,270	5,799
25	27	98 564	14 392,137	186 410,275	12,952	12,481	75	77	53 167	165,523	994,482	6,008	5,537
26	28	98 500	13 317,373	172 018,137	12,917	12,446	76	78	50 117	144,472	828,959	5,738	5,267
27	29	98 433	12 322,534	158 700,764	12,879	12,408	77	79	46 928	125,257	684,487	5,465	4,994
28	30	98 365	11 401,808	146 378,229	12,838	12,367	78	80	43 651	107,880	559,230	5,184	4,713
29	31	98 291	10 549,363	134 976,421	12,795	12,324	79	81	40 229	92,057	451,349	4,903	4,432
30	32	98 211	9 759,966	124 427,058	12,749	12,278	80	82	36 693	77,747	359,292	4,621	4,150
31	33	98 126	9 029,199	114 667,093	12,700	12,229	81	83	33 018	64,777	281,545	4,346	3,875
32	34	98 036	8 352,647	105 637,894	12,647	12,176	82	84	29 255	53,143	216,768	4,079	3,608
33	35	97 938	7 726,257	97 285,246	12,592	12,120	83	85	25 488	42,871	163,625	3,817	3,346
34	36	97 824	7 145,588	89 558,989	12,533	12,062	84	86	21 744	33,865	120,754	3,566	3,095
35	37	97 709	6 608,483	82 413,401	12,471	12,000	85	87	18 108	26,113	86,889	3,327	2,856
36	38	97 586	6 111,258	75 804,918	12,404	11,933	86	88	14 651	19,563	60,775	3,107	2,636
37	39	97 445	5 650,443	69 693,660	12,334	11,863	87	89	11 502	14,220	41,212	2,898	2,427
38	40	97 285	5 223,272	64 043,217	12,261	11,790	88	90	8 727	9,990	26,993	2,702	2,231
39	41	97 124	4 828,390	58 819,946	12,182	11,711	89	91	6 351	6,732	17,002	2,526	2,055
40	42	96 941	4 462,296	53 991,556	12,100	11,628	90	92	4 422	4,340	10,270	2,366	1,895
41	43	96 743	4 123,313	49 529,260	12,012	11,541	91	93	2 933	2,665	5,930	2,225	1,754
42	44	96 516	3 808,929	45 405,947	11,921	11,450	92	94	1 853	1,559	3,265	2,094	1,623
43	45	96 289	3 518,466	41 597,018	11,822	11,351	93	95	1 108	0,863	1,706	1,976	1,505
44	46	96 032	3 249,145	38 078,552	11,720	11,249	94	96	624	0,450	0,843	1,873	1,401
45	47	95 752	2 999,695	34 829,408	11,611	11,140	95	97	328	0,219	0,393	1,791	1,320
46	48	95 447	2 768,673	31 829,713	11,496	11,025	96	98	164	0,102	0,173	1,708	1,237
47	49	95 106	2 554,417	29 061,040	11,377	10,906	97	99	77	0,044	0,072	1,638	1,167
48	50	94 725	2 355,712	26 506,623	11,252	10,781	98	100	34	0,018	0,028	1,573	1,102
49	51	94 302	2 171,479	24 150,911	11,122	10,651							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	3	99 676	99 675,536	1 329 777,348	13,341	12,870	50	53	93 623	1 996,151	21 811,442	10,927	10,456
1	4	99 328	91 970,494	1 230 101,811	13,375	12,904	51	54	93 091	1 837,783	19 815,291	10,782	10,311
2	5	99 295	85 129,447	1 138 131,317	13,369	12,898	52	55	92 502	1 690,892	17 977,508	10,632	10,161
3	6	99 275	78 807,722	1 053 001,870	13,362	12,891	53	56	91 846	1 554,531	16 286,616	10,477	10,006
4	7	99 256	72 956,136	974 194,148	13,353	12,882	54	57	91 122	1 428,038	14 732,085	10,316	9,845
5	8	99 240	67 541,053	901 238,012	13,344	12,873	55	58	90 325	1 310,693	13 304,047	10,150	9,679
6	9	99 224	62 527,822	833 696,959	13,333	12,862	56	59	89 436	1 201,667	11 993,354	9,981	9,510
7	10	99 210	57 887,841	771 169,138	13,322	12,851	57	60	88 458	1 100,484	10 791,686	9,806	9,335
8	11	99 194	53 591,665	713 281,296	13,310	12,839	58	61	87 382	1 006,575	9 691,203	9,628	9,157
9	12	99 179	49 614,317	659 689,632	13,296	12,825	59	62	86 223	919,649	8 684,627	9,443	8,972
10	13	99 165	45 932,592	610 075,315	13,282	12,811	60	63	84 951	838,960	7 764,978	9,255	8,784
11	14	99 150	42 523,649	564 142,724	13,267	12,796	61	64	83 570	764,192	6 926,018	9,063	8,592
12	15	99 134	39 367,396	521 619,075	13,250	12,779	62	65	82 072	694,903	6 161,826	8,867	8,396
13	16	99 114	36 443,846	482 251,679	13,233	12,762	63	66	80 458	630,770	5 466,924	8,667	8,196
14	17	99 092	33 736,853	445 807,833	13,214	12,743	64	67	78 720	571,432	4 836,153	8,463	7,992
15	18	99 067	31 229,918	412 070,980	13,195	12,724	65	68	76 881	516,744	4 264,721	8,253	7,782
16	19	99 035	28 907,436	380 841,063	13,175	12,704	66	69	74 928	466,314	3 747,977	8,037	7,566
17	20	98 996	26 755,595	351 933,659	13,154	12,683	67	70	72 819	419,617	3 281,663	7,821	7,350
18	21	98 954	24 763,040	325 178,064	13,132	12,661	68	71	70 605	376,721	2 862,046	7,597	7,126
19	22	98 899	22 915,998	300 415,025	13,109	12,638	69	72	68 262	337,241	2 485,325	7,370	6,899
20	23	98 842	21 206,396	277 499,027	13,086	12,615	70	73	65 824	301,108	2 148,083	7,134	6,663
21	24	98 785	19 624,239	256 292,631	13,060	12,589	71	74	63 266	267,967	1 846,975	6,893	6,422
22	25	98 729	18 160,259	236 668,392	13,032	12,561	72	75	60 566	237,529	1 579,009	6,648	6,177
23	26	98 668	16 804,737	218 508,133	13,003	12,532	73	76	57 787	209,844	1 341,480	6,393	5,922
24	27	98 609	15 550,632	201 703,395	12,971	12,500	74	77	54 878	184,519	1 131,636	6,133	5,662
25	28	98 544	14 389,119	186 152,764	12,937	12,466	75	78	51 894	161,561	947,116	5,862	5,391
26	29	98 477	13 314,204	171 763,645	12,901	12,430	76	79	48 754	140,541	785,555	5,590	5,118
27	30	98 409	12 319,493	158 449,441	12,862	12,391	77	80	45 482	121,398	645,014	5,313	4,842
28	31	98 337	11 398,584	146 129,947	12,820	12,349	78	81	42 112	104,076	523,616	5,031	4,560
29	32	98 260	10 545,966	134 731,364	12,776	12,305	79	82	38 603	88,337	419,540	4,749	4,278
30	33	98 178	9 756,687	124 185,398	12,728	12,257	80	83	34 968	74,093	331,203	4,470	3,999
31	34	98 092	9 026,037	114 428,710	12,678	12,207	81	84	31 195	61,202	257,110	4,201	3,730
32	35	97 998	8 349,458	105 402,673	12,624	12,153	82	85	27 389	49,753	195,909	3,938	3,467
33	36	97 893	7 722,649	97 053,215	12,567	12,096	83	86	23 610	39,712	146,155	3,680	3,209
34	37	97 777	7 142,181	89 330,566	12,507	12,036	84	87	19 890	30,977	106,444	3,436	2,965
35	38	97 659	6 605,146	82 188,385	12,443	11,972	85	88	16 314	23,526	75,466	3,208	2,737
36	39	97 532	6 107,872	75 583,239	12,375	11,904	86	89	12 991	17,346	51,941	2,994	2,523
37	40	97 382	5 646,766	69 475,367	12,304	11,833	87	90	10 020	12,388	34,594	2,793	2,322
38	41	97 223	5 219,965	63 828,601	12,228	11,757	88	91	7 443	8,521	22,206	2,606	2,135
39	42	97 053	4 824,851	58 608,636	12,147	11,676	89	92	5 297	5,615	13,686	2,437	1,966
40	43	96 863	4 458,696	53 783,785	12,063	11,592	90	93	3 591	3,524	8,071	2,290	1,819
41	44	96 657	4 119,620	49 325,090	11,973	11,502	91	94	2 318	2,107	4,546	2,158	1,687
42	45	96 425	3 805,326	45 205,470	11,880	11,408	92	95	1 428	1,201	2,440	2,031	1,560
43	46	96 185	3 514,681	41 400,144	11,779	11,308	93	96	826	0,644	1,238	1,923	1,452
44	47	95 918	3 245,297	37 885,463	11,674	11,203	94	97	450	0,324	0,594	1,832	1,361
45	48	95 627	2 995,797	34 640,166	11,563	11,092	95	98	232	0,155	0,270	1,746	1,275
46	49	95 303	2 764,473	31 644,369	11,447	10,976	96	99	112	0,069	0,115	1,668	1,197
47	50	94 946	2 550,115	28 879,896	11,325	10,854	97	100	50	0,029	0,046	1,603	1,132
48	51	94 550	2 351,369	26 329,781	11,198	10,727							
49	52	94 106	2 166,970	23 978,412	11,065	10,594							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	4	99 666	99 665,599	1 329 384,988	13,338	12,867	50	54	93 391	1 991,204	21 629,349	10,862	10,391
1	5	99 319	91 962,028	1 229 719,389	13,372	12,901	51	55	92 834	1 832,721	19 638,145	10,715	10,244
2	6	99 288	85 123,663	1 137 757,361	13,366	12,895	52	56	92 214	1 685,629	17 805,424	10,563	10,092
3	7	99 268	78 801,968	1 052 633,698	13,358	12,887	53	57	91 535	1 549,274	16 119,795	10,405	9,934
4	8	99 251	72 952,661	973 831,730	13,349	12,878	54	58	90 780	1 422,674	14 570,520	10,242	9,771
5	9	99 233	67 536,185	900 879,069	13,339	12,868	55	59	89 948	1 305,223	13 147,846	10,073	9,602
6	10	99 219	62 524,498	833 342,884	13,328	12,857	56	60	89 022	1 196,098	11 842,623	9,901	9,430
7	11	99 204	57 884,623	770 818,386	13,316	12,845	57	61	88 005	1 094,842	10 646,525	9,724	9,253
8	12	99 187	53 582,543	712 933,763	13,304	12,833	58	62	86 894	1 000,953	9 551,684	9,543	9,072
9	13	99 173	49 611,181	659 346,219	13,290	12,819	59	63	85 695	914,019	8 550,731	9,355	8,884
10	14	99 157	45 928,961	609 735,038	13,276	12,805	60	64	84 376	833,288	7 636,712	9,165	8,694
11	15	99 141	42 519,726	563 806,077	13,260	12,789	61	65	82 951	758,530	6 803,423	8,969	8,498
12	16	99 122	39 362,838	521 286,351	13,243	12,772	62	66	81 415	689,334	6 044,893	8,769	8,298
13	17	99 101	36 439,187	481 923,513	13,225	12,754	63	67	79 753	625,246	5 355,559	8,566	8,094
14	18	99 079	33 732,478	445 484,326	13,206	12,735	64	68	77 983	566,084	4 730,313	8,356	7,885
15	19	99 050	31 224,848	411 751,847	13,187	12,716	65	69	76 097	511,471	4 164,229	8,142	7,671
16	20	99 019	28 902,652	380 526,999	13,166	12,695	66	70	74 063	460,930	3 652,757	7,925	7,454
17	21	98 980	26 751,216	351 624,347	13,144	12,673	67	71	71 905	414,350	3 191,827	7,703	7,232
18	22	98 937	24 758,835	324 873,132	13,122	12,650	68	72	69 630	371,517	2 777,477	7,476	7,005
19	23	98 882	22 912,153	300 114,297	13,098	12,627	69	73	67 242	332,200	2 405,960	7,242	6,771
20	24	98 826	21 202,927	277 202,144	13,074	12,603	70	74	64 723	296,069	2 073,760	7,004	6,533
21	25	98 769	19 621,015	255 999,216	13,047	12,576	71	75	62 115	263,092	1 777,691	6,757	6,286
22	26	98 710	18 156,728	236 378,201	13,019	12,548	72	76	59 347	232,749	1 514,599	6,507	6,036
23	27	98 651	16 801,742	218 221,472	12,988	12,517	73	77	56 507	205,197	1 281,850	6,247	5,776
24	28	98 589	15 547,370	201 419,730	12,955	12,484	74	78	53 564	180,102	1 076,653	5,978	5,507
25	29	98 520	14 385,694	185 872,360	12,921	12,450	75	79	50 482	157,165	896,551	5,705	5,233
26	30	98 452	13 310,919	171 486,666	12,883	12,412	76	80	47 252	136,211	739,386	5,428	4,957
27	31	98 381	12 316,010	158 175,747	12,843	12,372	77	81	43 879	117,118	603,175	5,150	4,679
28	32	98 305	11 394,914	145 859,738	12,800	12,329	78	82	40 410	99,870	486,057	4,867	4,396
29	33	98 227	10 542,423	134 464,824	12,755	12,284	79	83	36 788	84,185	386,187	4,587	4,116
30	34	98 144	9 753,270	123 922,401	12,706	12,235	80	84	33 038	70,003	302,002	4,314	3,843
31	35	98 055	9 022,591	114 169,130	12,654	12,183	81	85	29 205	57,298	231,999	4,049	3,578
32	36	97 953	8 345,560	105 146,540	12,599	12,128	82	86	25 370	46,087	174,701	3,791	3,320
33	37	97 846	7 718,967	96 800,980	12,541	12,070	83	87	21 596	36,325	128,614	3,541	3,070
34	38	97 728	7 138,574	89 082,013	12,479	12,008	84	88	17 919	27,908	92,289	3,307	2,836
35	39	97 605	6 601,486	81 943,439	12,413	11,942	85	89	14 466	20,860	64,382	3,086	2,615
36	40	97 468	6 103,898	75 341,953	12,343	11,872	86	90	11 318	15,112	43,522	2,880	2,409
37	41	97 320	5 643,191	69 238,055	12,269	11,798	87	91	8 546	10,566	28,410	2,689	2,218
38	42	97 152	5 216,139	63 594,864	12,192	11,721	88	92	6 208	7,107	17,844	2,511	2,040
39	43	96 975	4 820,958	58 378,725	12,109	11,638	89	93	4 302	4,560	10,737	2,355	1,884
40	44	96 776	4 454,702	53 557,767	12,023	11,552	90	94	2 839	2,786	6,178	2,217	1,746
41	45	96 565	4 115,723	49 103,065	11,931	11,460	91	95	1 786	1,623	3,391	2,089	1,618
42	46	96 321	3 801,233	44 987,342	11,835	11,364	92	96	1 065	0,896	1,768	1,973	1,502
43	47	96 071	3 510,519	41 186,109	11,732	11,261	93	97	596	0,464	0,872	1,880	1,409
44	48	95 793	3 241,080	37 675,590	11,624	11,153	94	98	317	0,229	0,408	1,784	1,313
45	49	95 482	2 991,252	34 434,510	11,512	11,041	95	99	158	0,105	0,179	1,703	1,232
46	50	95 142	2 759,817	31 443,258	11,393	10,922	96	100	73	0,045	0,074	1,631	1,160
47	51	94 771	2 545,413	28 683,441	11,269	10,798							
48	52	94 354	2 346,486	26 138,028	11,139	10,668							
49	53	93 898	2 162,193	23 791,542	11,003	10,532							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	$(^{12})\ddot{a}_{xy}$
0	5	99 656	99 656,424	1 328 966,131	13,335	12,864	50	55	93 133	1 985,719	21 432,378	10,793	10,322
1	6	99 312	91 955,780	1 229 309,707	13,368	12,897	51	56	92 545	1 827,017	19 446,659	10,644	10,173
2	7	99 281	85 117,448	1 137 353,927	13,362	12,891	52	57	91 902	1 679,929	17 619,642	10,488	10,017
3	8	99 263	78 798,215	1 052 236,479	13,354	12,883	53	58	91 191	1 543,455	15 939,712	10,327	9,856
4	9	99 244	72 947,403	973 438,265	13,344	12,873	54	59	90 401	1 416,736	14 396,258	10,162	9,691
5	10	99 228	67 532,596	900 490,861	13,334	12,863	55	60	89 531	1 299,174	12 979,521	9,991	9,520
6	11	99 213	62 521,022	832 958,266	13,323	12,852	56	61	88 566	1 189,966	11 680,347	9,816	9,345
7	12	99 196	57 880,171	770 437,243	13,311	12,840	57	62	87 513	1 088,726	10 490,381	9,635	9,164
8	13	99 181	53 584,157	712 557,072	13,298	12,827	58	63	86 362	994,825	9 401,656	9,451	8,980
9	14	99 165	49 607,260	658 972,915	13,284	12,813	59	64	85 116	907,840	8 406,831	9,260	8,789
10	15	99 148	45 924,724	609 365,655	13,269	12,798	60	65	83 751	827,115	7 498,991	9,066	8,595
11	16	99 129	42 514,804	563 440,931	13,253	12,782	61	66	82 286	752,451	6 671,876	8,867	8,396
12	17	99 110	39 357,806	520 926,127	13,236	12,765	62	67	80 702	683,297	5 919,424	8,663	8,192
13	18	99 088	36 434,462	481 568,321	13,217	12,746	63	68	79 007	619,395	5 236,128	8,454	7,983
14	19	99 063	33 727,003	445 133,859	13,198	12,727	64	69	77 188	560,308	4 616,732	8,240	7,769
15	20	99 034	31 219,716	411 406,856	13,178	12,707	65	70	75 218	505,566	4 056,424	8,024	7,552
16	21	99 003	28 897,921	380 187,140	13,156	12,685	66	71	73 134	455,144	3 550,858	7,802	7,331
17	22	98 963	26 746,673	351 289,219	13,134	12,663	67	72	70 912	408,626	3 095,714	7,576	7,105
18	23	98 920	24 754,681	324 542,545	13,110	12,639	68	73	68 589	365,963	2 687,088	7,343	6,871
19	24	98 866	22 908,406	299 787,865	13,086	12,615	69	74	66 116	326,641	2 321,124	7,106	6,635
20	25	98 810	21 199,444	276 879,459	13,061	12,590	70	75	63 545	290,683	1 994,484	6,861	6,390
21	26	98 750	19 617,201	255 680,015	13,033	12,562	71	76	60 865	257,798	1 703,801	6,609	6,138
22	27	98 692	18 153,492	236 062,814	13,004	12,533	72	77	58 033	227,594	1 446,003	6,353	5,882
23	28	98 630	16 798,218	217 909,322	12,972	12,501	73	78	55 155	200,285	1 218,408	6,083	5,612
24	29	98 565	15 543,670	201 111,103	12,938	12,467	74	79	52 107	175,202	1 018,124	5,811	5,340
25	30	98 496	14 382,144	185 567,434	12,903	12,432	75	80	48 927	152,323	842,922	5,534	5,063
26	31	98 424	13 307,154	171 185,289	12,864	12,393	76	81	45 586	131,408	690,598	5,255	4,784
27	32	98 349	12 312,044	157 878,135	12,823	12,352	77	82	42 105	112,384	559,190	4,976	4,505
28	33	98 272	11 391,086	145 566,091	12,779	12,308	78	83	38 511	95,176	446,806	4,695	4,223
29	34	98 192	10 538,731	134 175,005	12,732	12,261	79	84	34 758	79,538	351,630	4,421	3,950
30	35	98 106	9 749,547	123 636,274	12,681	12,210	80	85	30 931	65,538	272,092	4,152	3,681
31	36	98 009	9 018,378	113 886,727	12,628	12,157	81	86	27 053	53,075	206,554	3,892	3,421
32	37	97 906	8 341,580	104 868,350	12,572	12,101	82	87	23 207	42,157	153,479	3,641	3,170
33	38	97 797	7 715,069	96 526,770	12,511	12,040	83	88	19 456	32,725	111,322	3,402	2,931
34	39	97 674	7 134,619	88 811,700	12,448	11,977	84	89	15 889	24,745	78,597	3,176	2,705
35	40	97 542	6 597,191	81 677,082	12,381	11,910	85	90	12 602	18,173	53,851	2,963	2,492
36	41	97 406	6 100,034	75 079,891	12,308	11,837	86	91	9 653	12,889	35,678	2,768	2,297
37	42	97 249	5 639,055	68 979,857	12,233	11,761	87	92	7 128	8,812	22,789	2,586	2,115
38	43	97 074	5 211,930	63 340,802	12,153	11,682	88	93	5 041	5,771	13,977	2,422	1,951
39	44	96 888	4 816,640	58 128,872	12,068	11,597	89	94	3 401	3,605	8,206	2,277	1,805
40	45	96 685	4 450,489	53 312,233	11,979	11,508	90	95	2 188	2,147	4,601	2,143	1,672
41	46	96 461	4 111,296	48 861,744	11,885	11,414	91	96	1 332	1,211	2,454	2,027	1,556
42	47	96 207	3 796,731	44 750,448	11,787	11,316	92	97	767	0,646	1,244	1,926	1,455
43	48	95 946	3 505,958	40 953,717	11,681	11,210	93	98	420	0,327	0,598	1,828	1,357
44	49	95 648	3 236,163	37 447,759	11,572	11,101	94	99	216	0,156	0,271	1,738	1,267
45	50	95 321	2 986,215	34 211,596	11,457	10,985	95	100	104	0,069	0,115	1,663	1,192
46	51	94 967	2 754,728	31 225,381	11,335	10,864							
47	52	94 574	2 540,127	28 470,653	11,208	10,737							
48	53	94 146	2 341,313	25 930,525	11,075	10,604							
49	54	93 666	2 156,834	23 589,212	10,937	10,466							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	6	99 650	99 649,653	1 328 517,619	13,332	12,861	50	56	92 844	1 979,539	21 219,713	10,720	10,248
1	7	99 305	91 949,065	1 228 867,965	13,365	12,894	51	57	92 232	1 820,839	19 240,174	10,567	10,096
2	8	99 276	85 113,394	1 136 918,900	13,358	12,887	52	58	91 557	1 673,619	17 419,335	10,408	9,937
3	9	99 256	78 792,536	1 051 805,506	13,349	12,878	53	59	90 811	1 537,013	15 745,716	10,244	9,773
4	10	99 239	72 943,526	973 012,970	13,339	12,868	54	60	89 982	1 410,171	14 208,703	10,076	9,605
5	11	99 222	67 528,841	900 069,444	13,329	12,858	55	61	89 072	1 292,513	12 798,532	9,902	9,431
6	12	99 205	62 516,214	832 540,603	13,317	12,846	56	62	88 071	1 183,319	11 506,019	9,724	9,252
7	13	99 190	57 876,514	770 024,388	13,305	12,834	57	63	86 977	1 082,060	10 322,701	9,540	9,069
8	14	99 173	53 579,921	712 147,875	13,291	12,820	58	64	85 779	988,100	9 240,640	9,352	8,881
9	15	99 156	49 602,684	658 567,953	13,277	12,806	59	65	84 485	901,114	8 252,540	9,158	8,687
10	16	99 137	45 919,407	608 965,270	13,262	12,791	60	66	83 080	820,487	7 351,426	8,960	8,489
11	17	99 117	42 509,368	563 045,863	13,245	12,774	61	67	81 566	745,862	6 530,939	8,756	8,285
12	18	99 097	39 352,703	520 536,494	13,227	12,756	62	68	79 946	676,903	5 785,078	8,546	8,075
13	19	99 072	36 428,548	481 183,791	13,209	12,738	63	69	78 201	613,075	5 108,175	8,332	7,861
14	20	99 046	33 721,459	444 755,242	13,189	12,718	64	70	76 296	553,839	4 495,100	8,116	7,645
15	21	99 018	31 214,606	411 033,783	13,168	12,697	65	71	74 274	499,220	3 941,262	7,895	7,424
16	22	98 986	28 893,014	379 819,177	13,146	12,675	66	72	72 123	448,857	3 442,042	7,668	7,197
17	23	98 947	26 742,186	350 926,163	13,123	12,652	67	73	69 852	402,518	2 993,185	7,436	6,965
18	24	98 904	24 750,632	324 183,977	13,098	12,627	68	74	67 441	359,839	2 590,667	7,200	6,728
19	25	98 850	22 904,643	299 433,345	13,073	12,602	69	75	64 914	320,698	2 230,828	6,956	6,485
20	26	98 790	21 195,323	276 528,702	13,047	12,576	70	76	62 267	284,834	1 910,130	6,706	6,235
21	27	98 732	19 613,704	255 333,379	13,018	12,547	71	77	59 517	252,088	1 625,295	6,447	5,976
22	28	98 671	18 149,684	235 719,675	12,988	12,516	72	78	56 643	222,146	1 373,207	6,182	5,711
23	29	98 607	16 794,220	217 569,991	12,955	12,484	73	79	53 654	194,835	1 151,061	5,908	5,437
24	30	98 541	15 539,834	200 775,770	12,920	12,449	74	80	50 502	169,804	956,226	5,631	5,160
25	31	98 468	14 378,077	185 235,936	12,883	12,412	75	81	47 202	146,952	786,421	5,352	4,881
26	32	98 393	13 302,869	170 857,859	12,844	12,373	76	82	43 743	126,097	639,469	5,071	4,600
27	33	98 316	12 307,908	157 554,989	12,801	12,330	77	83	40 126	107,102	513,372	4,793	4,322
28	34	98 238	11 387,096	145 247,081	12,755	12,284	78	84	36 385	89,923	406,270	4,518	4,047
29	35	98 155	10 534,708	133 859,985	12,707	12,236	79	85	32 541	74,465	316,347	4,248	3,777
30	36	98 061	9 744,994	123 325,277	12,655	12,184	80	86	28 651	60,708	241,883	3,984	3,513
31	37	97 962	9 014,077	113 580,283	12,600	12,129	81	87	24 746	48,549	181,175	3,732	3,261
32	38	97 856	8 337,368	104 566,206	12,542	12,071	82	88	20 907	37,979	132,626	3,492	3,021
33	39	97 742	7 710,794	96 228,838	12,480	12,009	83	89	17 252	29,017	94,647	3,262	2,791
34	40	97 610	7 129,977	88 518,044	12,415	11,944	84	90	13 842	21,558	65,629	3,044	2,573
35	41	97 480	6 593,014	81 388,067	12,345	11,874	85	91	10 748	15,500	44,071	2,843	2,372
36	42	97 335	6 095,563	74 795,053	12,270	11,799	86	92	8 051	10,750	28,571	2,658	2,187
37	43	97 171	5 634,505	68 699,491	12,193	11,722	87	93	5 788	7,156	17,821	2,490	2,019
38	44	96 987	5 207,262	63 064,985	12,111	11,640	88	94	3 985	4,562	10,665	2,338	1,867
39	45	96 797	4 812,084	57 857,724	12,023	11,552	89	95	2 620	2,777	6,103	2,197	1,726
40	46	96 581	4 445,701	53 045,640	11,932	11,461	90	96	1 631	1,601	3,325	2,077	1,606
41	47	96 347	4 106,427	48 599,938	11,835	11,364	91	97	960	0,872	1,724	1,976	1,505
42	48	96 082	3 791,798	44 493,511	11,734	11,263	92	98	541	0,455	0,852	1,870	1,399
43	49	95 801	3 500,639	40 701,713	11,627	11,156	93	99	286	0,223	0,396	1,778	1,307
44	50	95 487	3 230,713	37 201,074	11,515	11,044	94	100	142	0,102	0,173	1,695	1,224
45	51	95 146	2 980,708	33 970,361	11,397	10,926							
46	52	94 770	2 749,008	30 989,653	11,273	10,802							
47	53	94 366	2 534,528	28 240,645	11,142	10,671							
48	54	93 912	2 335,510	25 706,117	11,007	10,536							
49	55	93 408	2 150,894	23 370,606	10,866	10,394							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	7	99 642	99 642,377	1 328 034,275	13,328	12,857	50	57	92 530	1 972,845	20 990,660	10,640	10,169
1	8	99 300	91 944,686	1 228 391,898	13,360	12,889	51	58	91 886	1 813,999	19 017,815	10,484	10,013
2	9	99 269	85 107,260	1 136 447,212	13,353	12,882	52	59	91 175	1 666,634	17 203,816	10,322	9,851
3	10	99 251	78 788,348	1 051 339,952	13,344	12,873	53	60	90 390	1 529,890	15 537,182	10,156	9,685
4	11	99 233	72 939,471	972 551,604	13,334	12,863	54	61	89 520	1 402,941	14 007,292	9,984	9,513
5	12	99 214	67 523,648	899 612,133	13,323	12,852	55	62	88 575	1 285,293	12 604,352	9,807	9,336
6	13	99 199	62 512,263	832 088,485	13,311	12,840	56	63	87 532	1 176,074	11 319,058	9,624	9,153
7	14	99 182	57 871,939	769 576,221	13,298	12,827	57	64	86 389	1 074,746	10 142,984	9,438	8,967
8	15	99 164	53 574,979	711 704,282	13,284	12,813	58	65	85 143	980,779	9 068,238	9,246	8,775
9	16	99 145	49 596,941	658 129,304	13,270	12,799	59	66	83 808	893,893	8 087,460	9,047	8,576
10	17	99 124	45 913,537	608 532,363	13,254	12,783	60	67	82 352	813,301	7 193,566	8,845	8,374
11	18	99 104	42 503,857	562 618,826	13,237	12,766	61	68	80 802	738,882	6 380,265	8,635	8,164
12	19	99 081	39 346,316	520 114,969	13,219	12,748	62	69	79 131	669,996	5 641,384	8,420	7,949
13	20	99 056	36 422,561	480 768,653	13,200	12,729	63	70	77 298	605,996	4 971,388	8,204	7,733
14	21	99 030	33 715,940	444 346,093	13,179	12,708	64	71	75 339	546,887	4 365,392	7,982	7,511
15	22	99 001	31 209,306	410 630,153	13,157	12,686	65	72	73 248	492,324	3 818,505	7,756	7,285
16	23	98 969	28 888,167	379 420,847	13,134	12,663	66	73	71 045	442,147	3 326,181	7,523	7,052
17	24	98 930	26 737,812	350 532,680	13,110	12,639	67	74	68 683	395,782	2 884,034	7,287	6,816
18	25	98 888	24 746,566	323 794,869	13,084	12,613	68	75	66 214	353,292	2 488,252	7,043	6,572
19	26	98 830	22 900,190	299 048,302	13,059	12,588	69	76	63 608	314,246	2 134,960	6,794	6,323
20	27	98 773	21 191,545	276 148,113	13,031	12,560	70	77	60 887	278,525	1 820,714	6,537	6,066
21	28	98 711	19 609,590	254 956,568	13,002	12,531	71	78	58 092	246,054	1 542,189	6,268	5,797
22	29	98 648	18 145,365	235 346,977	12,970	12,499	72	79	55 102	216,102	1 296,135	5,998	5,527
23	30	98 582	16 790,076	217 201,612	12,936	12,465	73	80	52 001	188,833	1 080,033	5,720	5,248
24	31	98 513	15 535,440	200 411,536	12,900	12,429	74	81	48 721	163,817	891,200	5,440	4,969
25	32	98 436	14 373,448	184 876,096	12,862	12,391	75	82	45 294	141,013	727,383	5,158	4,687
26	33	98 360	13 298,401	170 502,649	12,821	12,350	76	83	41 687	120,170	586,370	4,879	4,408
27	34	98 282	12 303,598	157 204,248	12,777	12,306	77	84	37 911	101,191	466,200	4,607	4,136
28	35	98 200	11 382,749	144 900,650	12,730	12,259	78	85	34 064	84,187	365,009	4,336	3,865
29	36	98 109	10 529,788	133 517,901	12,680	12,209	79	86	30 143	68,977	280,823	4,071	3,600
30	37	98 014	9 740,347	122 988,113	12,627	12,156	80	87	26 208	55,531	211,846	3,815	3,344
31	38	97 913	9 009,526	113 247,766	12,570	12,099	81	88	22 294	43,738	156,315	3,574	3,103
32	39	97 802	8 332,748	104 238,240	12,509	12,038	82	89	18 538	33,676	112,577	3,343	2,872
33	40	97 679	7 705,777	95 905,492	12,446	11,975	83	90	15 030	25,280	78,901	3,121	2,650
34	41	97 549	7 125,462	88 199,714	12,378	11,907	84	91	11 806	18,387	53,621	2,916	2,445
35	42	97 409	6 588,182	81 074,252	12,306	11,835	85	92	8 965	12,928	35,234	2,725	2,254
36	43	97 256	6 090,644	74 486,071	12,230	11,759	86	93	6 538	8,730	22,307	2,555	2,084
37	44	97 084	5 629,458	68 395,426	12,150	11,679	87	94	4 576	5,657	13,577	2,400	1,929
38	45	96 895	5 202,336	62 765,968	12,065	11,594	88	95	3 071	3,515	7,920	2,253	1,782
39	46	96 692	4 806,908	57 563,631	11,975	11,504	89	96	1 954	2,071	4,404	2,126	1,655
40	47	96 466	4 440,437	52 756,724	11,881	11,410	90	97	1 176	1,154	2,333	2,022	1,551
41	48	96 222	4 101,092	48 316,287	11,781	11,310	91	98	677	0,615	1,179	1,916	1,445
42	49	95 936	3 786,045	44 215,195	11,678	11,207	92	99	369	0,310	0,564	1,818	1,347
43	50	95 639	3 494,743	40 429,150	11,569	11,098	93	100	188	0,146	0,254	1,733	1,261
44	51	95 311	3 224,756	36 934,406	11,453	10,982							
45	52	94 948	2 974,519	33 709,650	11,333	10,862							
46	53	94 561	2 742,948	30 735,131	11,205	10,734							
47	54	94 132	2 528,246	27 992,183	11,072	10,601							
48	55	93 654	2 329,078	25 463,937	10,933	10,462							
49	56	93 117	2 144,199	23 134,860	10,790	10,318							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	8	99 638	99 637,632	1 327 513,679	13,323	12,852	50	58	92 182	1 965,435	20 744,294	10,555	10,084
1	9	99 293	91 938,060	1 227 876,047	13,355	12,884	51	59	91 502	1 806,428	18 778,860	10,396	9,925
2	10	99 264	85 102,736	1 135 937,988	13,348	12,877	52	60	90 752	1 658,910	16 972,432	10,231	9,760
3	11	99 245	78 783,968	1 050 835,251	13,338	12,867	53	61	89 926	1 522,047	15 313,521	10,061	9,590
4	12	99 226	72 933,862	972 051,284	13,328	12,857	54	62	89 020	1 395,104	13 791,475	9,886	9,415
5	13	99 208	67 519,381	899 117,422	13,316	12,845	55	63	88 032	1 277,425	12 396,371	9,704	9,233
6	14	99 191	62 507,323	831 598,041	13,304	12,833	56	64	86 940	1 168,124	11 118,947	9,519	9,048
7	15	99 173	57 866,600	769 090,718	13,291	12,820	57	65	85 749	1 066,783	9 950,823	9,328	8,857
8	16	99 152	53 568,776	711 224,118	13,277	12,806	58	66	84 461	972,919	8 884,040	9,131	8,660
9	17	99 132	49 590,601	657 655,342	13,262	12,791	59	67	83 074	886,065	7 911,120	8,928	8,457
10	18	99 111	45 907,584	608 064,742	13,245	12,774	60	68	81 582	805,690	7 025,056	8,719	8,248
11	19	99 088	42 496,958	562 157,157	13,228	12,757	61	69	79 978	731,342	6 219,366	8,504	8,033
12	20	99 064	39 339,848	519 660,200	13,210	12,738	62	70	78 217	662,260	5 488,023	8,287	7,816
13	21	99 039	36 416,599	480 320,351	13,190	12,719	63	71	76 327	598,390	4 825,764	8,065	7,594
14	22	99 013	33 710,215	443 903,752	13,168	12,697	64	72	74 298	539,332	4 227,374	7,838	7,367
15	23	98 985	31 204,070	410 193,537	13,146	12,674	65	73	72 153	484,964	3 688,042	7,605	7,134
16	24	98 953	28 883,442	378 989,468	13,121	12,650	66	74	69 856	434,748	3 203,077	7,368	6,897
17	25	98 914	26 733,420	350 106,026	13,096	12,625	67	75	67 433	388,581	2 768,330	7,124	6,653
18	26	98 869	24 741,755	323 372,606	13,070	12,599	68	76	64 882	346,184	2 379,748	6,874	6,403
19	27	98 813	22 896,108	298 630,851	13,043	12,572	69	77	62 199	307,286	2 033,564	6,618	6,147
20	28	98 752	21 187,100	275 734,743	13,014	12,543	70	78	59 430	271,858	1 726,278	6,350	5,879
21	29	98 688	19 604,924	254 547,643	12,984	12,513	71	79	56 512	239,359	1 454,420	6,076	5,605
22	30	98 624	18 140,887	234 942,720	12,951	12,480	72	80	53 405	209,444	1 215,061	5,801	5,330
23	31	98 554	16 785,328	216 801,832	12,916	12,445	73	81	50 167	182,174	1 005,617	5,520	5,049
24	32	98 481	15 530,437	200 016,504	12,879	12,408	74	82	46 752	157,196	823,443	5,238	4,767
25	33	98 403	14 368,619	184 486,067	12,840	12,368	75	83	43 165	134,385	666,247	4,958	4,487
26	34	98 325	13 293,743	170 117,447	12,797	12,326	76	84	39 386	113,537	531,861	4,684	4,213
27	35	98 244	12 298,900	156 823,704	12,751	12,280	77	85	35 493	94,736	418,324	4,416	3,945
28	36	98 154	11 377,434	144 524,804	12,703	12,232	78	86	31 554	77,983	323,588	4,149	3,678
29	37	98 062	10 524,767	133 147,370	12,651	12,180	79	87	27 572	63,095	245,606	3,893	3,422
30	38	97 964	9 735,429	122 622,603	12,596	12,124	80	88	23 611	50,028	182,511	3,648	3,177
31	39	97 858	9 004,533	112 887,174	12,537	12,066	81	89	19 768	38,782	132,483	3,416	2,945
32	40	97 739	8 327,327	103 882,640	12,475	12,004	82	90	16 150	29,338	93,701	3,194	2,723
33	41	97 617	7 700,899	95 555,314	12,408	11,937	83	91	12 818	21,561	64,362	2,985	2,514
34	42	97 477	7 120,240	87 854,415	12,339	11,868	84	92	9 847	15,336	42,801	2,791	2,320
35	43	97 330	6 582,866	80 734,175	12,264	11,793	85	93	7 280	10,498	27,466	2,616	2,145
36	44	97 169	6 085,189	74 151,309	12,186	11,714	86	94	5 169	6,901	16,968	2,459	1,988
37	45	96 992	5 624,134	68 066,120	12,103	11,631	87	95	3 526	4,359	10,067	2,309	1,838
38	46	96 791	5 196,741	62 441,987	12,016	11,545	88	96	2 290	2,622	5,707	2,177	1,706
39	47	96 578	4 801,215	57 245,246	11,923	11,452	89	97	1 408	1,493	3,086	2,067	1,596
40	48	96 341	4 434,667	52 444,031	11,826	11,355	90	98	829	0,814	1,593	1,958	1,486
41	49	96 076	4 094,870	48 009,364	11,724	11,253	91	99	461	0,419	0,779	1,860	1,389
42	50	95 775	3 779,670	43 914,494	11,619	11,148	92	100	242	0,204	0,360	1,769	1,297
43	51	95 463	3 488,299	40 134,824	11,506	11,035							
44	52	95 113	3 218,060	36 646,525	11,388	10,917							
45	53	94 739	2 967,962	33 428,465	11,263	10,792							
46	54	94 326	2 736,149	30 460,503	11,133	10,662							
47	55	93 872	2 521,282	27 724,354	10,996	10,525							
48	56	93 362	2 321,829	25 203,071	10,855	10,384							
49	57	92 802	2 136,948	22 881,243	10,707	10,236							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	9	99 630	99 630,451	1 326 949,936	13,319	12,848	50	59	91 797	1 957,232	20 479,851	10,464	9,993
1	10	99 288	91 933,173	1 227 319,485	13,350	12,879	51	60	91 078	1 798,056	18 522,620	10,301	9,830
2	11	99 258	85 098,005	1 135 386,312	13,342	12,871	52	61	90 287	1 650,405	16 724,563	10,134	9,663
3	12	99 237	78 777,909	1 050 288,307	13,332	12,861	53	62	89 424	1 513,544	15 074,158	9,960	9,488
4	13	99 219	72 929,253	971 510,398	13,321	12,850	54	63	88 475	1 386,563	13 560,614	9,780	9,309
5	14	99 200	67 514,044	898 581,146	13,310	12,838	55	64	87 437	1 268,789	12 174,051	9,595	9,124
6	15	99 182	62 501,556	831 067,101	13,297	12,826	56	65	86 296	1 159,469	10 905,262	9,405	8,934
7	16	99 162	57 859,901	768 565,545	13,283	12,812	57	66	85 062	1 058,234	9 745,792	9,209	8,738
8	17	99 139	53 561,928	710 705,644	13,269	12,798	58	67	83 721	964,399	8 687,558	9,008	8,537
9	18	99 119	49 584,171	657 143,716	13,253	12,782	59	68	82 297	877,773	7 723,160	8,799	8,328
10	19	99 095	45 900,132	607 559,545	13,237	12,766	60	69	80 749	797,469	6 845,387	8,584	8,113
11	20	99 071	42 489,973	561 659,413	13,219	12,748	61	70	79 054	722,898	6 047,918	8,366	7,895
12	21	99 048	39 333,409	519 169,440	13,199	12,728	62	71	77 235	653,947	5 325,020	8,143	7,672
13	22	99 023	36 410,416	479 836,031	13,179	12,707	63	72	75 273	590,123	4 671,073	7,915	7,444
14	23	98 997	33 704,559	443 425,616	13,156	12,685	64	73	73 187	531,270	4 080,949	7,681	7,210
15	24	98 968	31 198,966	409 721,057	13,133	12,661	65	74	70 945	476,848	3 549,679	7,444	6,973
16	25	98 937	28 878,697	378 522,091	13,107	12,636	66	75	68 585	426,839	3 072,831	7,199	6,728
17	26	98 895	26 728,222	349 643,394	13,081	12,610	67	76	66 076	380,763	2 645,993	6,949	6,478
18	27	98 851	24 737,345	322 915,171	13,054	12,583	68	77	63 445	338,517	2 265,229	6,692	6,221
19	28	98 792	22 891,305	298 177,826	13,026	12,555	69	78	60 710	299,930	1 926,713	6,424	5,953
20	29	98 729	21 182,058	275 286,521	12,996	12,525	70	79	57 813	264,461	1 626,783	6,151	5,680
21	30	98 664	19 600,086	254 104,463	12,964	12,493	71	80	54 770	231,985	1 362,321	5,872	5,401
22	31	98 596	18 135,757	234 504,377	12,930	12,459	72	81	51 522	202,059	1 130,336	5,594	5,123
23	32	98 523	16 779,923	216 368,620	12,894	12,423	73	82	48 140	174,812	928,278	5,310	4,839
24	33	98 448	15 525,220	199 588,696	12,856	12,385	74	83	44 554	149,807	753,466	5,030	4,559
25	34	98 369	14 363,587	184 063,476	12,815	12,344	75	84	40 783	126,968	603,658	4,754	4,283
26	35	98 288	13 288,668	169 699,889	12,770	12,299	76	85	36 874	106,295	476,691	4,485	4,014
27	36	98 198	12 293,157	156 411,221	12,723	12,252	77	86	32 877	87,754	370,396	4,221	3,750
28	37	98 108	11 372,008	144 118,063	12,673	12,202	78	87	28 863	71,332	282,641	3,962	3,491
29	38	98 013	10 519,453	132 746,055	12,619	12,148	79	88	24 840	56,842	211,309	3,717	3,246
30	39	97 910	9 730,035	122 226,602	12,562	12,091	80	89	20 936	44,360	154,467	3,482	3,011
31	40	97 795	8 998,675	112 496,567	12,501	12,030	81	90	17 222	33,787	110,107	3,259	2,788
32	41	97 677	8 322,054	103 497,893	12,437	11,966	82	91	13 774	25,022	76,320	3,050	2,579
33	42	97 545	7 695,254	95 175,838	12,368	11,897	83	92	10 692	17,983	51,298	2,853	2,381
34	43	97 398	7 114,495	87 480,584	12,296	11,825	84	93	7 996	12,453	33,315	2,675	2,204
35	44	97 243	6 576,970	80 366,089	12,219	11,748	85	94	5 755	8,299	20,861	2,514	2,043
36	45	97 077	6 079,433	73 789,120	12,137	11,666	86	95	3 983	5,318	12,562	2,362	1,891
37	46	96 887	5 618,084	67 709,686	12,052	11,581	87	96	2 629	3,251	7,244	2,228	1,757
38	47	96 676	5 190,587	62 091,602	11,962	11,491	88	97	1 650	1,889	3,994	2,114	1,643
39	48	96 452	4 794,977	56 901,016	11,867	11,396	89	98	993	1,053	2,104	1,999	1,528
40	49	96 195	4 427,939	52 106,039	11,768	11,297	90	99	565	0,554	1,051	1,897	1,426
41	50	95 914	4 087,974	47 678,100	11,663	11,192	91	100	303	0,275	0,497	1,807	1,336
42	51	95 598	3 772,700	43 590,126	11,554	11,083							
43	52	95 265	3 481,056	39 817,426	11,438	10,967							
44	53	94 903	3 210,966	36 336,370	11,316	10,845							
45	54	94 504	2 960,605	33 125,404	11,189	10,718							
46	55	94 066	2 728,613	30 164,798	11,055	10,584							
47	56	93 580	2 513,435	27 436,185	10,916	10,445							
48	57	93 046	2 313,977	24 922,750	10,771	10,299							
49	58	92 454	2 128,921	22 608,773	10,620	10,149							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	10	99 625	99 625,155	1 326 342,074	13,313	12,842	50	60	91 372	1 948,161	20 196,607	10,367	9,896
1	11	99 282	91 928,062	1 226 716,919	13,344	12,873	51	61	90 611	1 788,838	18 248,446	10,201	9,730
2	12	99 251	85 091,461	1 134 788,856	13,336	12,865	52	62	89 783	1 641,186	16 459,608	10,029	9,558
3	13	99 231	78 772,930	1 049 697,396	13,326	12,855	53	63	88 877	1 504,278	14 818,422	9,851	9,380
4	14	99 212	72 923,488	970 924,465	13,314	12,843	54	64	87 877	1 377,190	13 314,144	9,668	9,197
5	15	99 191	67 507,816	898 000,977	13,302	12,831	55	65	86 789	1 259,389	11 936,954	9,478	9,007
6	16	99 171	62 494,320	830 493,161	13,289	12,818	56	66	85 604	1 150,178	10 677,566	9,283	8,812
7	17	99 149	57 852,504	767 998,841	13,275	12,804	57	67	84 317	1 048,966	9 527,388	9,083	8,612
8	18	99 127	53 554,983	710 146,336	13,260	12,791	58	68	82 938	955,374	8 478,421	8,874	8,403
9	19	99 103	49 576,122	656 591,353	13,244	12,773	59	69	81 457	868,816	7 523,047	8,659	8,188
10	20	99 079	45 892,588	607 015,231	13,227	12,756	60	70	79 817	788,261	6 654,231	8,442	7,971
11	21	99 055	42 483,018	561 122,643	13,208	12,737	61	71	78 062	713,824	5 865,970	8,218	7,747
12	22	99 031	39 326,730	518 639,625	13,188	12,717	62	72	76 168	644,913	5 152,146	7,989	7,518
13	23	99 006	36 404,307	479 312,895	13,166	12,695	63	73	74 148	581,302	4 507,233	7,754	7,283
14	24	98 981	33 699,046	442 908,588	13,143	12,672	64	74	71 962	522,379	3 925,930	7,515	7,044
15	25	98 952	31 193,841	409 209,541	13,118	12,647	65	75	69 655	468,173	3 403,552	7,270	6,799
16	26	98 918	28 873,083	378 015,700	13,092	12,621	66	76	67 205	418,251	2 935,379	7,018	6,547
17	27	98 877	26 723,458	349 142,618	13,065	12,594	67	77	64 613	372,330	2 517,128	6,760	6,289
18	28	98 830	24 732,157	322 419,160	13,036	12,565	68	78	61 926	330,413	2 144,798	6,491	6,020
19	29	98 769	22 885,858	297 687,003	13,007	12,536	69	79	59 058	291,770	1 814,385	6,219	5,748
20	30	98 704	21 176,831	274 801,145	12,976	12,505	70	80	56 032	256,314	1 522,616	5,940	5,469
21	31	98 636	19 594,543	253 624,314	12,944	12,473	71	81	52 839	223,805	1 266,302	5,658	5,187
22	32	98 564	18 129,918	234 029,771	12,908	12,437	72	82	49 439	193,893	1 042,497	5,377	4,906
23	33	98 490	16 774,287	215 899,854	12,871	12,400	73	83	45 877	166,595	848,604	5,094	4,623
24	34	98 414	15 519,783	199 125,567	12,830	12,359	74	84	42 095	141,539	682,009	4,819	4,347
25	35	98 331	14 358,103	183 605,784	12,788	12,317	75	85	38 181	118,869	540,470	4,547	4,076
26	36	98 242	13 282,463	169 247,681	12,742	12,271	76	86	34 156	98,462	421,602	4,282	3,811
27	37	98 152	12 287,295	155 965,218	12,693	12,222	77	87	30 074	80,271	323,140	4,026	3,555
28	38	98 058	11 366,266	143 677,923	12,641	12,170	78	88	26 003	64,264	242,869	3,779	3,308
29	39	97 958	10 513,624	132 311,656	12,585	12,114	79	89	22 025	50,402	178,606	3,544	3,073
30	40	97 846	9 723,704	121 798,032	12,526	12,055	80	90	18 239	38,646	128,204	3,317	2,846
31	41	97 733	8 992,977	112 074,328	12,462	11,991	81	91	14 688	28,816	89,558	3,108	2,637
32	42	97 605	8 315,955	103 081,351	12,396	11,925	82	92	11 489	20,870	60,742	2,910	2,439
33	43	97 467	7 689,045	94 765,396	12,325	11,854	83	93	8 682	14,603	39,871	2,730	2,259
34	44	97 311	7 108,122	87 076,351	12,250	11,779	84	94	6 321	9,845	25,268	2,567	2,096
35	45	97 151	6 570,749	79 968,229	12,170	11,699	85	95	4 435	6,395	15,423	2,412	1,941
36	46	96 973	6 072,894	73 397,480	12,086	11,615	86	96	2 970	3,966	9,028	2,277	1,806
37	47	96 773	5 611,431	67 324,586	11,998	11,527	87	97	1 895	2,343	5,062	2,161	1,690
38	48	96 550	5 183,842	61 713,155	11,905	11,434	88	98	1 164	1,333	2,720	2,041	1,570
39	49	96 306	4 787,702	56 529,313	11,807	11,336	89	99	676	0,717	1,387	1,935	1,464
40	50	96 033	4 420,482	51 741,610	11,705	11,234	90	100	371	0,364	0,670	1,841	1,370
41	51	95 737	4 080,436	47 321,128	11,597	11,126							
42	52	95 400	3 764,866	43 240,692	11,485	11,014							
43	53	95 055	3 473,382	39 475,826	11,365	10,894							
44	54	94 668	3 203,007	36 002,443	11,240	10,769							
45	55	94 244	2 952,451	32 799,436	11,109	10,638							
46	56	93 774	2 720,121	29 846,985	10,973	10,502							
47	57	93 264	2 504,936	27 126,864	10,829	10,358							
48	58	92 697	2 305,285	24 621,928	10,681	10,210							
49	59	92 068	2 120,036	22 316,643	10,527	10,055							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	11	99 620	99 619,617	1 325 684,383	13,307	12,836	50	61	90 903	1 938,173	19 893,878	10,264	9,793
1	12	99 275	91 920,993	1 226 064,766	13,338	12,867	51	62	90 105	1 778,845	17 955,705	10,094	9,623
2	13	99 244	85 086,083	1 134 143,773	13,329	12,858	52	63	89 233	1 631,139	16 176,859	9,918	9,446
3	14	99 223	78 766,704	1 049 057,690	13,319	12,847	53	64	88 276	1 494,109	14 545,721	9,735	9,264
4	15	99 202	72 916,761	970 290,986	13,307	12,836	54	65	87 226	1 366,986	13 051,612	9,548	9,077
5	16	99 180	67 500,000	897 374,225	13,294	12,823	55	66	86 094	1 249,296	11 684,625	9,353	8,882
6	17	99 158	62 486,331	829 874,224	13,281	12,810	56	67	84 855	1 140,105	10 435,329	9,153	8,682
7	18	99 136	57 845,004	767 387,893	13,266	12,795	57	68	83 528	1 039,150	9 295,224	8,945	8,474
8	19	99 110	53 546,290	709 542,890	13,251	12,780	58	69	82 091	945,625	8 256,074	8,731	8,260
9	20	99 087	49 567,974	655 996,600	13,234	12,763	59	70	80 517	858,785	7 310,448	8,513	8,042
10	21	99 062	45 885,076	606 428,626	13,216	12,745	60	71	78 815	778,367	6 451,664	8,289	7,818
11	22	99 038	42 475,804	560 543,550	13,197	12,726	61	72	76 984	703,963	5 673,297	8,059	7,588
12	23	99 015	39 320,132	518 067,745	13,176	12,705	62	73	75 030	635,273	4 969,334	7,822	7,351
13	24	98 990	36 398,353	478 747,613	13,153	12,682	63	74	72 907	571,574	4 334,061	7,583	7,112
14	25	98 964	33 693,511	442 349,261	13,129	12,658	64	75	70 653	512,876	3 762,487	7,336	6,865
15	26	98 933	31 187,776	408 655,750	13,103	12,632	65	76	68 253	458,753	3 249,611	7,084	6,613
16	27	98 900	28 867,936	377 467,974	13,076	12,605	66	77	65 717	408,987	2 790,858	6,824	6,353
17	28	98 857	26 717,853	348 600,037	13,047	12,576	67	78	63 066	363,417	2 381,871	6,554	6,083
18	29	98 807	24 726,271	321 882,184	13,018	12,547	68	79	60 241	321,423	2 018,454	6,280	5,809
19	30	98 744	22 880,210	297 155,914	12,987	12,516	69	80	57 239	282,781	1 697,031	6,001	5,530
20	31	98 676	21 170,842	274 275,703	12,955	12,484	70	81	54 056	247,276	1 414,250	5,719	5,248
21	32	98 604	19 588,234	253 104,861	12,921	12,450	71	82	50 704	214,760	1 166,975	5,434	4,963
22	33	98 531	18 123,828	233 516,627	12,885	12,413	72	83	47 115	184,779	952,215	5,153	4,682
23	34	98 455	16 768,412	215 392,800	12,845	12,374	73	84	43 345	157,400	767,436	4,876	4,405
24	35	98 376	15 513,858	198 624,388	12,803	12,332	74	85	39 410	132,510	610,036	4,604	4,133
25	36	98 285	14 351,399	183 110,530	12,759	12,288	75	86	35 367	110,109	477,526	4,337	3,866
26	37	98 195	13 276,129	168 759,131	12,711	12,240	76	87	31 244	90,065	367,417	4,079	3,608
27	38	98 102	12 281,091	155 483,002	12,660	12,189	77	88	27 094	72,316	277,352	3,835	3,364
28	39	98 004	11 359,968	143 201,911	12,606	12,135	78	89	23 056	56,982	205,035	3,598	3,127
29	40	97 895	10 506,783	131 841,943	12,548	12,077	79	90	19 188	43,910	148,053	3,372	2,901
30	41	97 784	9 717,547	121 335,160	12,486	12,015	80	91	15 556	32,960	104,143	3,160	2,689
31	42	97 661	8 986,386	111 617,612	12,421	11,950	81	92	12 251	24,035	71,183	2,962	2,491
32	43	97 526	8 309,245	102 631,226	12,351	11,880	82	93	9 330	16,948	47,148	2,782	2,311
33	44	97 379	7 682,158	94 321,981	12,278	11,807	83	94	6 864	11,545	30,200	2,616	2,145
34	45	97 219	7 101,399	86 639,823	12,200	11,729	84	95	4 871	7,586	18,656	2,459	1,988
35	46	97 046	6 563,681	79 538,424	12,118	11,647	85	96	3 307	4,769	11,070	2,321	1,850
36	47	96 858	6 065,702	72 974,743	12,031	11,560	86	97	2 140	2,858	6,301	2,205	1,734
37	48	96 647	5 604,140	66 909,040	11,939	11,468	87	98	1 336	1,652	3,443	2,084	1,613
38	49	96 404	5 175,978	61 304,900	11,844	11,373	88	99	793	0,907	1,791	1,973	1,502
39	50	96 144	4 779,640	56 128,923	11,743	11,272	89	100	444	0,471	0,883	1,876	1,405
40	51	95 856	4 412,331	51 349,283	11,638	11,167							
41	52	95 538	4 071,963	46 936,952	11,527	11,056							
42	53	95 189	3 756,567	42 864,989	11,411	10,940							
43	54	94 819	3 464,773	39 108,422	11,287	10,816							
44	55	94 407	3 194,185	35 643,649	11,159	10,688							
45	56	93 950	2 943,262	32 449,464	11,025	10,554							
46	57	93 457	2 710,923	29 506,202	10,884	10,413							
47	58	92 913	2 495,527	26 795,279	10,737	10,266							
48	59	92 310	2 295,664	24 299,752	10,585	10,114							
49	60	91 641	2 110,211	22 004,089	10,427	9,956							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	12	99 612	99 611,956	1 324 973,002	13,301	12,830	50	62	90 396	1 927,346	19 570,993	10,154	9,683
1	13	99 268	91 915,183	1 225 361,046	13,331	12,860	51	63	89 554	1 767,955	17 643,647	9,980	9,509
2	14	99 237	85 079,358	1 133 445,863	13,322	12,851	52	64	88 630	1 620,112	15 875,692	9,799	9,328
3	15	99 214	78 759,438	1 048 366,505	13,311	12,840	53	65	87 622	1 483,040	14 255,580	9,612	9,141
4	16	99 191	72 908,319	969 607,067	13,299	12,828	54	66	86 527	1 356,032	12 772,540	9,419	8,948
5	17	99 167	67 491,371	896 698,747	13,286	12,815	55	67	85 340	1 238,355	11 416,509	9,219	8,748
6	18	99 145	62 478,230	829 207,376	13,272	12,801	56	68	84 060	1 129,436	10 178,153	9,012	8,541
7	19	99 120	57 835,614	766 729,146	13,257	12,786	57	69	82 676	1 028,547	9 048,717	8,798	8,327
8	20	99 094	53 537,489	708 893,532	13,241	12,770	58	70	81 143	934,707	8 020,171	8,580	8,109
9	21	99 070	49 559,860	655 356,043	13,224	12,752	59	71	79 506	848,005	7 085,464	8,355	7,884
10	22	99 046	45 877,285	605 796,183	13,205	12,734	60	72	77 726	767,614	6 237,459	8,126	7,655
11	23	99 022	42 468,678	559 918,898	13,184	12,713	61	73	75 833	693,440	5 469,844	7,888	7,417
12	24	98 999	39 313,701	517 450,220	13,162	12,691	62	74	73 774	624,641	4 776,404	7,647	7,176
13	25	98 974	36 392,373	478 136,519	13,138	12,667	63	75	71 581	561,175	4 151,763	7,398	6,927
14	26	98 945	33 686,960	441 744,146	13,113	12,642	64	76	69 232	502,557	3 590,587	7,145	6,674
15	27	98 915	31 182,218	408 057,186	13,086	12,615	65	77	66 742	448,593	3 088,031	6,884	6,413
16	28	98 879	28 861,881	376 874,968	13,058	12,587	66	78	64 144	399,196	2 639,438	6,612	6,141
17	29	98 833	26 711,495	348 013,087	13,029	12,558	67	79	61 350	353,529	2 240,242	6,337	5,866
18	30	98 782	24 720,169	321 301,592	12,998	12,527	68	80	58 385	311,521	1 886,713	6,056	5,585
19	31	98 716	22 873,740	296 581,423	12,966	12,495	69	81	55 220	272,809	1 575,192	5,774	5,303
20	32	98 645	21 164,025	273 707,683	12,933	12,462	70	82	51 871	237,282	1 302,383	5,489	5,018
21	33	98 571	19 581,654	252 543,658	12,897	12,426	71	83	48 320	204,666	1 065,101	5,204	4,733
22	34	98 496	18 117,480	232 962,004	12,858	12,387	72	84	44 515	174,580	860,435	4,929	4,458
23	35	98 418	16 762,010	214 844,524	12,817	12,346	73	85	40 580	147,359	685,855	4,654	4,183
24	36	98 330	15 506,614	198 082,514	12,774	12,303	74	86	36 506	122,745	538,495	4,387	3,916
25	37	98 238	14 344,555	182 575,901	12,728	12,257	75	87	32 351	100,719	415,750	4,128	3,657
26	38	98 145	13 269,426	168 231,345	12,678	12,207	76	88	28 148	81,140	315,031	3,883	3,412
27	39	98 048	12 274,286	154 961,920	12,625	12,154	77	89	24 024	64,123	233,891	3,648	3,177
28	40	97 940	11 352,577	142 687,634	12,569	12,098	78	90	20 087	49,643	169,769	3,420	2,949
29	41	97 833	10 500,131	131 335,057	12,508	12,037	79	91	16 365	37,450	120,126	3,208	2,737
30	42	97 713	9 710,425	120 834,925	12,444	11,973	80	92	12 975	27,491	82,676	3,007	2,536
31	43	97 582	8 979,135	111 124,500	12,376	11,905	81	93	9 948	19,518	55,185	2,827	2,356
32	44	97 439	8 301,802	102 145,365	12,304	11,833	82	94	7 375	13,398	35,667	2,662	2,191
33	45	97 287	7 674,892	93 843,563	12,227	11,756	83	95	5 289	8,896	22,269	2,503	2,032
34	46	97 115	7 093,761	86 168,671	12,147	11,676	84	96	3 632	5,657	13,374	2,364	1,893
35	47	96 931	6 555,908	79 074,910	12,062	11,591	85	97	2 383	3,437	7,716	2,245	1,774
36	48	96 732	6 057,821	72 519,002	11,971	11,500	86	98	1 510	2,016	4,279	2,123	1,652
37	49	96 500	5 595,638	66 461,181	11,877	11,406	87	99	910	1,125	2,264	2,012	1,541
38	50	96 242	5 167,261	60 865,543	11,779	11,308	88	100	521	0,596	1,139	1,911	1,440
39	51	95 967	4 770,826	55 698,282	11,675	11,204							
40	52	95 657	4 403,169	50 927,456	11,566	11,095							
41	53	95 328	4 062,987	46 524,287	11,451	10,980							
42	54	94 954	3 747,256	42 461,300	11,331	10,860							
43	55	94 558	3 455,230	38 714,044	11,204	10,733							
44	56	94 113	3 184,244	35 258,814	11,073	10,602							
45	57	93 633	2 933,309	32 074,570	10,935	10,464							
46	58	93 106	2 700,740	29 141,261	10,790	10,319							
47	59	92 526	2 485,111	26 440,521	10,640	10,169							
48	60	91 882	2 285,025	23 955,410	10,484	10,013							
49	61	91 171	2 099,392	21 670,385	10,322	9,851							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	13	99 606	99 605,661	1 324 205,814	13,294	12,823	50	63	89 842	1 915,547	19 227,159	10,037	9,566
1	14	99 261	91 907,918	1 224 600,153	13,324	12,853	51	64	88 948	1 756,004	17 311,612	9,859	9,387
2	15	99 227	85 071,509	1 132 692,235	13,315	12,844	52	65	87 973	1 608,109	15 555,609	9,673	9,202
3	16	99 203	78 750,320	1 047 620,725	13,303	12,832	53	66	86 920	1 471,155	13 947,500	9,481	9,010
4	17	99 178	72 898,999	968 870,405	13,291	12,820	54	67	85 769	1 344,156	12 476,345	9,282	8,811
5	18	99 154	67 482,621	895 971,406	13,277	12,806	55	68	84 541	1 226,767	11 132,189	9,074	8,603
6	19	99 129	62 468,088	828 488,786	13,263	12,792	56	69	83 203	1 117,911	9 905,422	8,861	8,390
7	20	99 104	57 826,108	766 020,698	13,247	12,776	57	70	81 721	1 016,671	8 787,511	8,643	8,172
8	21	99 078	53 528,726	708 194,590	13,230	12,759	58	71	80 125	922,975	7 770,840	8,419	7,948
9	22	99 054	49 551,445	654 665,864	13,212	12,741	59	72	78 408	836,290	6 847,866	8,188	7,717
10	23	99 029	45 869,588	605 114,419	13,192	12,721	60	73	76 565	756,140	6 011,575	7,950	7,479
11	24	99 005	42 461,732	559 244,831	13,171	12,700	61	74	74 564	681,835	5 255,435	7,708	7,237
12	25	98 982	39 307,243	516 783,099	13,147	12,676	62	75	72 432	613,278	4 573,600	7,458	6,987
13	26	98 954	36 385,298	477 475,856	13,123	12,652	63	76	70 140	549,885	3 960,323	7,202	6,731
14	27	98 927	33 680,956	441 090,558	13,096	12,625	64	77	67 698	491,425	3 410,438	6,940	6,469
15	28	98 895	31 175,677	407 409,602	13,068	12,597	65	78	65 144	437,854	2 919,012	6,667	6,196
16	29	98 856	28 855,012	376 233,925	13,039	12,568	66	79	62 399	388,335	2 481,158	6,389	5,918
17	30	98 809	26 704,903	347 378,913	13,008	12,537	67	80	59 460	342,637	2 092,823	6,108	5,637
18	31	98 754	24 713,179	320 674,009	12,976	12,505	68	81	56 326	300,536	1 750,186	5,824	5,353
19	32	98 684	22 866,374	295 960,831	12,943	12,472	69	82	52 989	261,784	1 449,650	5,538	5,067
20	33	98 611	21 156,916	273 094,456	12,908	12,437	70	83	49 433	226,129	1 187,866	5,253	4,782
21	34	98 536	19 574,796	251 937,540	12,871	12,399	71	84	45 653	193,369	961,737	4,974	4,503
22	35	98 459	18 110,563	232 362,745	12,830	12,359	72	85	41 675	163,444	768,368	4,701	4,230
23	36	98 372	16 754,183	214 252,182	12,788	12,317	73	86	37 590	136,500	604,924	4,432	3,961
24	37	98 283	15 499,219	197 497,999	12,742	12,271	74	87	33 393	112,278	468,424	4,172	3,701
25	38	98 189	14 337,312	181 998,779	12,694	12,223	75	88	29 145	90,738	356,146	3,925	3,454
26	39	98 091	13 262,073	167 661,467	12,642	12,171	76	89	24 958	71,947	265,408	3,689	3,218
27	40	97 984	12 266,300	154 399,394	12,587	12,116	77	90	20 929	55,863	193,461	3,463	2,992
28	41	97 878	11 345,389	142 133,094	12,528	12,057	78	91	17 132	42,339	137,598	3,250	2,779
29	42	97 761	10 492,435	130 787,705	12,465	11,994	79	92	13 650	31,236	95,259	3,050	2,579
30	43	97 634	9 702,590	120 295,270	12,398	11,927	80	93	10 536	22,324	64,023	2,868	2,397
31	44	97 495	8 971,093	110 592,680	12,328	11,857	81	94	7 865	15,430	41,698	2,703	2,231
32	45	97 347	8 293,950	101 621,587	12,252	11,781	82	95	5 683	10,324	26,269	2,545	2,073
33	46	97 183	7 666,636	93 327,637	12,173	11,702	83	96	3 944	6,634	15,945	2,404	1,933
34	47	97 000	7 085,360	85 661,000	12,090	11,619	84	97	2 618	4,077	9,311	2,284	1,813
35	48	96 805	6 547,390	78 575,640	12,001	11,530	85	98	1 681	2,424	5,234	2,159	1,688
36	49	96 586	6 048,630	72 028,250	11,908	11,437	86	99	1 028	1,373	2,810	2,048	1,577
37	50	96 338	5 586,214	65 979,620	11,811	11,340	87	100	598	0,739	1,438	1,946	1,475
38	51	96 064	5 157,733	60 393,405	11,709	11,238							
39	52	95 767	4 760,920	55 235,672	11,602	11,131							
40	53	95 446	4 393,463	50 474,753	11,489	11,018							
41	54	95 091	4 052,916	46 081,290	11,370	10,899							
42	55	94 692	3 736,935	42 028,374	11,247	10,776							
43	56	94 264	3 444,476	38 291,439	11,117	10,646							
44	57	93 795	3 173,476	34 846,963	10,981	10,510							
45	58	93 281	2 922,291	31 673,487	10,839	10,368							
46	59	92 717	2 689,468	28 751,196	10,690	10,219							
47	60	92 097	2 473,594	26 061,728	10,536	10,065							
48	61	91 411	2 273,310	23 588,134	10,376	9,905							
49	62	90 662	2 087,665	21 314,824	10,210	9,739							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	14	99 598	99 597,788	1 323 376,765	13,287	12,816	50	64	89 235	1 902,598	18 861,675	9,914	9,443
1	15	99 251	91 899,440	1 223 778,977	13,317	12,845	51	65	88 289	1 742,994	16 959,078	9,730	9,259
2	16	99 216	85 061,661	1 131 879,537	13,307	12,836	52	66	87 268	1 595,222	15 216,084	9,539	9,067
3	17	99 190	78 740,252	1 046 817,877	13,295	12,824	53	67	86 158	1 458,271	13 620,862	9,340	8,869
4	18	99 165	72 889,547	968 077,624	13,281	12,810	54	68	84 967	1 331,577	12 162,592	9,134	8,663
5	19	99 138	67 471,667	895 188,077	13,268	12,797	55	69	83 679	1 214,249	10 831,014	8,920	8,449
6	20	99 113	62 457,820	827 716,410	13,252	12,781	56	70	82 242	1 105,003	9 616,765	8,703	8,232
7	21	99 088	57 816,643	765 258,590	13,236	12,765	57	71	80 695	1 003,910	8 511,762	8,479	8,008
8	22	99 061	53 519,637	707 441,947	13,218	12,747	58	72	79 018	910,224	7 507,852	8,248	7,777
9	23	99 037	49 543,132	653 922,310	13,199	12,728	59	73	77 236	823,790	6 597,628	8,009	7,538
10	24	99 013	45 862,085	604 379,178	13,178	12,707	60	74	75 283	743,485	5 773,838	7,766	7,295
11	25	98 989	42 454,757	558 517,093	13,156	12,685	61	75	73 207	669,431	5 030,353	7,514	7,043
12	26	98 963	39 299,601	516 062,336	13,131	12,660	62	76	70 975	600,938	4 360,922	7,257	6,786
13	27	98 937	36 378,813	476 762,735	13,106	12,634	63	77	68 587	537,705	3 759,983	6,993	6,522
14	28	98 907	33 673,891	440 383,922	13,078	12,607	64	78	66 078	479,662	3 222,278	6,718	6,247
15	29	98 871	31 168,258	406 710,031	13,049	12,578	65	79	63 371	425,941	2 742,616	6,439	5,968
16	30	98 831	28 847,892	375 541,773	13,018	12,547	66	80	60 476	376,371	2 316,675	6,155	5,684
17	31	98 781	26 697,351	346 693,881	12,986	12,515	67	81	57 364	330,556	1 940,304	5,870	5,399
18	32	98 723	24 705,221	319 996,530	12,953	12,482	68	82	54 050	288,390	1 609,749	5,582	5,111
19	33	98 651	22 858,693	295 291,309	12,918	12,447	69	83	50 498	249,479	1 321,359	5,296	4,825
20	34	98 577	21 149,506	272 432,616	12,881	12,410	70	84	46 705	213,648	1 071,879	5,017	4,546
21	35	98 499	19 567,322	251 283,109	12,842	12,371	71	85	42 741	181,034	858,232	4,741	4,270
22	36	98 413	18 102,107	231 715,787	12,800	12,329	72	86	38 604	151,399	677,197	4,473	4,002
23	37	98 325	16 746,194	213 613,681	12,756	12,285	73	87	34 384	124,859	525,798	4,211	3,740
24	38	98 234	15 491,393	196 867,487	12,708	12,237	74	88	30 084	101,151	400,939	3,964	3,493
25	39	98 134	14 329,368	181 376,094	12,658	12,187	75	89	25 843	80,457	299,787	3,726	3,255
26	40	98 027	13 253,444	167 046,726	12,604	12,133	76	90	21 744	62,679	219,330	3,499	3,028
27	41	97 922	12 258,534	153 793,282	12,546	12,075	77	91	17 850	47,645	156,651	3,288	2,817
28	42	97 806	11 337,074	141 534,748	12,484	12,013	78	92	14 289	35,314	109,006	3,087	2,616
29	43	97 682	10 483,969	130 197,674	12,419	11,948	79	93	11 085	25,365	73,692	2,905	2,434
30	44	97 546	9 693,900	119 713,705	12,349	11,878	80	94	8 329	17,648	48,326	2,738	2,267
31	45	97 403	8 962,607	110 019,805	12,275	11,804	81	95	6 060	11,889	30,678	2,580	2,109
32	46	97 242	8 285,029	101 057,198	12,198	11,727	82	96	4 238	7,699	18,789	2,440	1,969
33	47	97 068	7 657,558	92 772,169	12,115	11,644	83	97	2 842	4,781	11,090	2,320	1,849
34	48	96 873	7 076,154	85 114,612	12,028	11,557	84	98	1 846	2,875	6,309	2,194	1,723
35	49	96 659	6 537,457	78 038,458	11,937	11,466	85	99	1 145	1,651	3,434	2,080	1,609
36	50	96 423	6 038,444	71 501,001	11,841	11,370	86	100	675	0,901	1,783	1,978	1,507
37	51	96 160	5 575,914	65 462,557	11,740	11,269							
38	52	95 865	5 147,023	59 886,643	11,635	11,164							
39	53	95 556	4 750,425	54 739,620	11,523	11,052							
40	54	95 209	4 382,573	49 989,195	11,406	10,935							
41	55	94 830	4 041,753	45 606,622	11,284	10,813							
42	56	94 397	3 725,304	41 564,869	11,157	10,686							
43	57	93 945	3 432,828	37 839,565	11,023	10,552							
44	58	93 443	3 161,556	34 406,736	10,883	10,412							
45	59	92 892	2 910,094	31 245,181	10,737	10,266							
46	60	92 287	2 677,004	28 335,086	10,585	10,114							
47	61	91 625	2 460,912	25 658,083	10,426	9,955							
48	62	90 900	2 260,611	23 197,170	10,261	9,790							
49	63	90 107	2 074,884	20 936,560	10,090	9,619							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	15	99 589	99 588,600	1 322 482,506	13,279	12,808	50	65	88 574	1 888,502	18 473,989	9,782	9,311
1	16	99 240	91 888,801	1 222 893,907	13,308	12,837	51	66	87 582	1 729,026	16 585,488	9,592	9,121
2	17	99 203	85 050,786	1 131 005,106	13,298	12,827	52	67	86 504	1 581,251	14 856,462	9,395	8,924
3	18	99 177	78 730,044	1 045 954,320	13,285	12,814	53	68	85 352	1 444,625	13 275,211	9,189	8,718
4	19	99 149	72 877,716	967 224,276	13,272	12,801	54	69	84 100	1 317,990	11 830,586	8,976	8,505
5	20	99 122	67 460,577	894 346,560	13,257	12,786	55	70	82 712	1 200,229	10 512,596	8,759	8,288
6	21	99 096	62 447,597	826 885,984	13,241	12,770	56	71	81 210	1 091,134	9 312,367	8,535	8,064
7	22	99 071	57 806,826	764 438,387	13,224	12,753	57	72	79 581	990,041	8 221,234	8,304	7,833
8	23	99 044	53 510,657	706 631,561	13,205	12,734	58	73	77 837	896,618	7 231,192	8,065	7,594
9	24	99 021	49 535,028	653 120,903	13,185	12,714	59	74	75 943	810,003	6 334,574	7,820	7,349
10	25	98 997	45 854,552	603 585,875	13,163	12,692	60	75	73 914	729,960	5 524,571	7,568	7,097
11	26	98 970	42 446,503	557 731,323	13,140	12,669	61	76	71 734	655,962	4 794,612	7,309	6,838
12	27	98 945	39 292,596	515 284,821	13,114	12,643	62	77	69 403	587,628	4 138,650	7,043	6,572
13	28	98 916	36 371,183	475 992,224	13,087	12,616	63	78	66 945	524,834	3 551,021	6,766	6,295
14	29	98 883	33 665,877	439 621,042	13,058	12,587	64	79	64 280	466,611	3 026,188	6,485	6,014
15	30	98 847	31 160,566	405 955,164	13,028	12,557	65	80	61 419	412,819	2 559,577	6,200	5,729
16	31	98 803	28 839,734	374 794,598	12,996	12,525	66	81	58 344	363,100	2 146,758	5,912	5,441
17	32	98 749	26 688,755	345 954,864	12,963	12,492	67	82	55 045	317,196	1 783,658	5,623	5,152
18	33	98 689	24 696,922	319 266,109	12,927	12,456	68	83	51 509	274,835	1 466,462	5,336	4,865
19	34	98 617	22 850,688	294 569,187	12,891	12,420	69	84	47 711	235,709	1 191,627	5,056	4,584
20	35	98 539	21 141,432	271 718,499	12,852	12,381	70	85	43 726	200,020	955,918	4,779	4,308
21	36	98 453	19 558,185	250 577,067	12,812	12,341	71	86	39 591	167,693	755,899	4,508	4,037
22	37	98 366	18 093,474	231 018,882	12,768	12,297	72	87	35 312	138,488	588,206	4,247	3,776
23	38	98 275	16 737,738	212 925,408	12,721	12,250	73	88	30 977	112,487	449,717	3,998	3,527
24	39	98 179	15 482,809	196 187,670	12,671	12,200	74	89	26 675	89,691	337,231	3,760	3,289
25	40	98 070	14 320,044	180 704,860	12,619	12,148	75	90	22 514	70,094	247,540	3,532	3,061
26	41	97 965	13 245,053	166 384,816	12,562	12,091	76	91	18 545	53,458	177,446	3,319	2,848
27	42	97 850	12 249,549	153 139,763	12,502	12,031	77	92	14 888	39,739	123,988	3,120	2,649
28	43	97 727	11 327,926	140 890,214	12,437	11,966	78	93	11 603	28,677	84,249	2,938	2,467
29	44	97 595	10 474,579	129 562,288	12,369	11,898	79	94	8 763	20,052	55,572	2,771	2,300
30	45	97 454	9 684,731	119 087,709	12,296	11,825	80	95	6 418	13,599	35,520	2,612	2,141
31	46	97 298	8 952,967	109 402,978	12,220	11,749	81	96	4 519	8,866	21,921	2,472	2,001
32	47	97 127	8 275,218	100 450,011	12,139	11,668	82	97	3 054	5,548	13,055	2,353	1,882
33	48	96 941	7 647,608	92 174,794	12,053	11,582	83	98	2 005	3,372	7,506	2,226	1,755
34	49	96 727	7 065,418	84 527,186	11,964	11,492	84	99	1 257	1,958	4,134	2,111	1,640
35	50	96 496	6 526,447	77 461,768	11,869	11,398	85	100	752	1,084	2,176	2,008	1,537
36	51	96 245	6 027,310	70 935,320	11,769	11,298							
37	52	95 960	5 564,336	64 908,011	11,665	11,194							
38	53	95 653	5 135,677	59 343,675	11,555	11,084							
39	54	95 319	4 738,650	54 207,998	11,440	10,968							
40	55	94 947	4 370,502	49 469,348	11,319	10,848							
41	56	94 534	4 029,174	45 098,845	11,193	10,722							
42	57	94 078	3 712,707	41 069,672	11,062	10,591							
43	58	93 592	3 419,934	37 356,965	10,923	10,452							
44	59	93 053	3 148,361	33 937,031	10,779	10,308							
45	60	92 461	2 896,608	30 788,671	10,629	10,158							
46	61	91 814	2 663,279	27 892,063	10,473	10,002							
47	62	91 113	2 447,165	25 228,784	10,309	9,838							
48	63	90 344	2 246,771	22 781,619	10,140	9,669							
49	64	89 498	2 060,858	20 534,847	9,964	9,493							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	16	99 577	99 577,070	1 321 519,144	13,271	12,800	50	66	87 864	1 873,368	18 063,513	9,642	9,171
1	17	99 227	91 877,054	1 221 942,074	13,300	12,829	51	67	86 815	1 713,883	16 190,145	9,446	8,975
2	18	99 190	85 039,759	1 130 065,020	13,289	12,818	52	68	85 694	1 566,454	14 476,261	9,241	8,770
3	19	99 161	78 717,264	1 045 025,261	13,276	12,805	53	69	84 481	1 429,884	12 909,807	9,029	8,558
4	20	99 133	72 865,737	966 307,997	13,261	12,790	54	70	83 129	1 302,772	11 479,924	8,812	8,341
5	21	99 105	67 449,535	893 442,260	13,246	12,775	55	71	81 674	1 185,164	10 177,152	8,587	8,116
6	22	99 080	62 436,994	825 992,725	13,229	12,758	56	72	80 088	1 076,060	8 991,988	8,356	7,885
7	23	99 054	57 797,127	763 555,731	13,211	12,740	57	73	78 391	975,242	7 915,928	8,117	7,646
8	24	99 028	53 501,905	705 758,604	13,191	12,720	58	74	76 534	881,612	6 940,685	7,873	7,402
9	25	99 004	49 526,891	652 256,699	13,170	12,699	59	75	74 561	795,267	6 059,073	7,619	7,148
10	26	98 977	45 845,637	602 729,808	13,147	12,676	60	76	72 426	715,273	5 263,806	7,359	6,888
11	27	98 952	42 438,937	556 884,171	13,122	12,651	61	77	70 146	641,433	4 548,533	7,091	6,620
12	28	98 925	39 284,355	514 445,234	13,095	12,624	62	78	67 741	573,561	3 907,100	6,812	6,341
13	29	98 892	36 362,527	475 160,879	13,067	12,596	63	79	65 124	510,554	3 333,538	6,529	6,058
14	30	98 859	33 657,570	438 798,352	13,037	12,566	64	80	62 300	452,236	2 822,984	6,242	5,771
15	31	98 819	31 151,755	405 140,782	13,005	12,534	65	81	59 253	398,262	2 370,748	5,953	5,482
16	32	98 771	28 830,448	373 989,028	12,972	12,501	66	82	55 986	348,425	1 972,487	5,661	5,190
17	33	98 716	26 679,790	345 158,580	12,937	12,466	67	83	52 458	302,287	1 624,061	5,373	4,902
18	34	98 655	24 688,273	318 478,790	12,900	12,429	68	84	48 666	259,665	1 321,774	5,090	4,619
19	35	98 579	22 841,963	293 790,518	12,862	12,391	69	85	44 667	220,674	1 062,109	4,813	4,342
20	36	98 493	21 131,560	270 948,554	12,822	12,351	70	86	40 503	185,279	841,436	4,541	4,070
21	37	98 406	19 548,859	249 816,994	12,779	12,308	71	87	36 215	153,393	656,156	4,278	3,807
22	38	98 316	18 084,338	230 268,135	12,733	12,262	72	88	31 813	124,765	502,764	4,030	3,559
23	39	98 221	16 728,463	212 183,797	12,684	12,213	73	89	27 467	99,741	377,999	3,790	3,319
24	40	98 115	15 472,736	195 455,333	12,632	12,161	74	90	23 239	78,138	278,258	3,561	3,090
25	41	98 008	14 310,978	179 982,598	12,577	12,105	75	91	19 202	59,782	200,120	3,348	2,876
26	42	97 893	13 235,345	165 671,620	12,517	12,046	76	92	15 468	44,588	140,338	3,147	2,676
27	43	97 771	12 239,665	152 436,275	12,454	11,983	77	93	12 090	32,270	95,750	2,967	2,496
28	44	97 640	11 317,780	140 196,610	12,387	11,916	78	94	9 173	22,670	63,480	2,800	2,329
29	45	97 502	10 464,672	128 878,829	12,316	11,845	79	95	6 752	15,451	40,809	2,641	2,170
30	46	97 349	9 674,313	118 414,158	12,240	11,769	80	96	4 786	10,141	25,358	2,500	2,029
31	47	97 183	8 942,365	108 739,845	12,160	11,689	81	97	3 257	6,390	15,217	2,381	1,910
32	48	97 001	8 264,465	99 797,480	12,075	11,604	82	98	2 154	3,913	8,827	2,256	1,785
33	49	96 794	7 636,005	91 533,015	11,987	11,516	83	99	1 365	2,296	4,914	2,140	1,669
34	50	96 564	7 053,520	83 897,009	11,894	11,423	84	100	826	1,286	2,618	2,036	1,565
35	51	96 318	6 514,413	76 843,490	11,796	11,325							
36	52	96 045	6 014,794	70 329,077	11,693	11,222							
37	53	95 749	5 552,069	64 314,283	11,584	11,113							
38	54	95 416	5 122,948	58 762,213	11,470	10,999							
39	55	95 057	4 725,599	53 639,266	11,351	10,880							
40	56	94 652	4 356,900	48 913,667	11,227	10,756							
41	57	94 215	4 015,549	44 556,767	11,096	10,625							
42	58	93 725	3 698,761	40 541,218	10,961	10,490							
43	59	93 201	3 405,660	36 842,457	10,818	10,347							
44	60	92 622	3 133,770	33 436,797	10,670	10,199							
45	61	91 987	2 881,757	30 303,027	10,515	10,044							
46	62	91 301	2 648,402	27 421,270	10,354	9,883							
47	63	90 555	2 432,184	24 772,869	10,185	9,714							
48	64	89 733	2 231,583	22 340,685	10,011	9,540							
49	65	88 835	2 045,589	20 109,102	9,830	9,359							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	17	99 564	99 564,340	1 320 483,591	13,263	12,792	50	67	87 094	1 856,961	17 629,503	9,494	9,023
1	18	99 214	91 865,141	1 220 919,251	13,290	12,819	51	68	86 002	1 697,845	15 772,542	9,290	8,819
2	19	99 174	85 025,955	1 129 054,109	13,279	12,808	52	69	84 820	1 550,470	14 074,697	9,078	8,607
3	20	99 145	78 704,325	1 044 028,154	13,265	12,794	53	70	83 506	1 413,374	12 524,227	8,861	8,390
4	21	99 117	72 853,810	965 323,828	13,250	12,779	54	71	82 085	1 286,420	11 110,853	8,637	8,166
5	22	99 089	67 438,082	892 470,018	13,234	12,763	55	72	80 546	1 168,792	9 824,433	8,406	7,935
6	23	99 063	62 426,518	825 031,936	13,216	12,745	56	73	78 891	1 059,975	8 655,641	8,166	7,695
7	24	99 038	57 787,674	762 605,418	13,197	12,726	57	74	77 079	958,921	7 595,666	7,921	7,450
8	25	99 012	53 493,117	704 817,744	13,176	12,705	58	75	75 142	865,574	6 636,746	7,667	7,196
9	26	98 985	49 517,263	651 324,628	13,153	12,682	59	76	73 061	779,266	5 771,172	7,406	6,935
10	27	98 960	45 837,465	601 807,365	13,129	12,658	60	77	70 822	699,430	4 991,905	7,137	6,666
11	28	98 932	42 430,036	555 969,900	13,103	12,632	61	78	68 466	626,078	4 292,475	6,856	6,385
12	29	98 901	39 275,006	513 539,864	13,075	12,604	62	79	65 898	557,956	3 666,396	6,571	6,100
13	30	98 868	36 353,554	474 264,858	13,046	12,575	63	80	63 117	494,825	3 108,440	6,282	5,811
14	31	98 831	33 648,052	437 911,305	13,014	12,543	64	81	60 103	436,289	2 613,615	5,991	5,520
15	32	98 787	31 141,724	404 263,253	12,981	12,510	65	82	56 859	382,166	2 177,326	5,697	5,226
16	33	98 738	28 820,763	373 121,529	12,946	12,475	66	83	53 354	332,048	1 795,160	5,406	4,935
17	34	98 681	26 670,446	344 300,766	12,909	12,438	67	84	49 562	285,602	1 463,112	5,123	4,652
18	35	98 617	24 678,847	317 630,320	12,871	12,400	68	85	45 562	243,102	1 177,510	4,844	4,373
19	36	98 533	22 831,298	292 951,473	12,831	12,360	69	86	41 376	204,411	934,408	4,571	4,100
20	37	98 446	21 121,483	270 120,176	12,789	12,318	70	87	37 049	169,479	729,997	4,307	3,836
21	38	98 356	19 538,988	248 998,692	12,744	12,273	71	88	32 626	138,192	560,518	4,056	3,585
22	39	98 262	18 074,318	229 459,704	12,695	12,224	72	89	28 208	110,628	422,326	3,818	3,346
23	40	98 157	16 717,579	211 385,387	12,644	12,173	73	90	23 929	86,894	311,697	3,587	3,116
24	41	98 053	15 462,939	194 667,808	12,589	12,118	74	91	19 820	66,642	224,803	3,373	2,902
25	42	97 937	14 300,489	179 204,868	12,531	12,060	75	92	16 016	49,862	158,161	3,172	2,701
26	43	97 814	13 224,666	164 904,379	12,469	11,998	76	93	12 561	36,208	108,298	2,991	2,520
27	44	97 684	12 228,702	151 679,713	12,404	11,933	77	94	9 558	25,511	72,091	2,826	2,355
28	45	97 547	11 307,075	139 451,011	12,333	11,862	78	95	7 068	17,468	46,580	2,666	2,195
29	46	97 397	10 453,415	128 143,936	12,259	11,788	79	96	5 035	11,523	29,111	2,526	2,055
30	47	97 234	9 662,857	117 690,521	12,180	11,709	80	97	3 449	7,309	17,588	2,407	1,935
31	48	97 056	8 930,745	108 027,664	12,096	11,625	81	98	2 297	4,506	10,280	2,281	1,810
32	49	96 854	8 251,927	99 096,918	12,009	11,538	82	99	1 467	2,665	5,773	2,167	1,695
33	50	96 631	7 623,146	90 844,991	11,917	11,446	83	100	897	1,508	3,109	2,061	1,590
34	51	96 386	7 040,514	83 221,845	11,820	11,349							
35	52	96 118	6 500,886	76 181,332	11,719	11,248							
36	53	95 834	6 001,535	69 680,446	11,610	11,139							
37	54	95 512	5 538,308	63 678,911	11,498	11,027							
38	55	95 154	5 108,838	58 140,603	11,380	10,909							
39	56	94 761	4 710,891	53 031,765	11,257	10,786							
40	57	94 331	4 342,166	48 320,874	11,128	10,657							
41	58	93 861	4 000,465	43 978,708	10,993	10,522							
42	59	93 334	3 683,324	39 978,242	10,854	10,383							
43	60	92 770	3 389,877	36 294,919	10,707	10,236							
44	61	92 147	3 117,703	32 905,042	10,554	10,083							
45	62	91 473	2 865,659	29 787,338	10,395	9,924							
46	63	90 742	2 632,188	26 921,679	10,228	9,757							
47	64	89 943	2 415,742	24 289,491	10,055	9,584							
48	65	89 068	2 215,049	21 873,749	9,875	9,404							
49	66	88 123	2 029,196	19 658,699	9,688	9,217							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	18	99 551	99 551,432	1 319 371,295	13,253	12,782	50	68	86 279	1 839,584	17 171,425	9,334	8,863
1	19	99 198	91 850,230	1 219 819,864	13,281	12,809	51	69	85 125	1 680,520	15 331,841	9,123	8,652
2	20	99 158	85 011,980	1 127 969,634	13,268	12,797	52	70	83 841	1 532,568	13 651,321	8,907	8,436
3	21	99 129	78 691,443	1 042 957,654	13,254	12,783	53	71	82 458	1 395,633	12 118,753	8,683	8,212
4	22	99 100	72 841,440	964 266,211	13,238	12,767	54	72	80 951	1 268,649	10 723,119	8,452	7,981
5	23	99 072	67 426,767	891 424,771	13,221	12,750	55	73	79 342	1 151,321	9 454,471	8,212	7,741
6	24	99 047	62 416,308	823 998,004	13,202	12,731	56	74	77 570	1 042,236	8 303,150	7,967	7,496
7	25	99 022	57 778,181	761 581,696	13,181	12,710	57	75	75 677	941,476	7 260,915	7,712	7,241
8	26	98 993	53 482,717	703 803,515	13,159	12,688	58	76	73 630	848,159	6 319,439	7,451	6,980
9	27	98 968	49 508,437	650 320,798	13,136	12,665	59	77	71 443	762,006	5 471,280	7,180	6,709
10	28	98 939	45 827,851	600 812,362	13,110	12,639	60	78	69 127	682,687	4 709,274	6,898	6,427
11	29	98 908	42 419,938	554 984,510	13,083	12,612	61	79	66 604	609,044	4 026,586	6,611	6,140
12	30	98 877	39 265,314	512 564,573	13,054	12,583	62	80	63 868	540,767	3 417,542	6,320	5,849
13	31	98 840	36 343,273	473 299,259	13,023	12,552	63	81	60 892	477,376	2 876,776	6,026	5,555
14	32	98 799	33 637,217	436 955,985	12,990	12,519	64	82	57 674	418,656	2 399,399	5,731	5,260
15	33	98 754	31 131,263	403 318,768	12,955	12,484	65	83	54 186	364,203	1 980,743	5,439	4,968
16	34	98 704	28 810,670	372 187,505	12,918	12,447	66	84	50 409	313,721	1 616,539	5,153	4,682
17	35	98 643	26 660,263	343 376,836	12,880	12,409	67	85	46 401	267,384	1 302,819	4,872	4,401
18	36	98 571	24 667,323	316 716,573	12,840	12,368	68	86	42 204	225,187	1 035,435	4,598	4,127
19	37	98 486	22 820,410	292 049,249	12,798	12,327	69	87	37 847	186,979	810,248	4,333	3,862
20	38	98 397	21 110,818	269 228,839	12,753	12,282	70	88	33 378	152,685	623,269	4,082	3,611
21	39	98 302	19 528,161	248 118,021	12,706	12,235	71	89	28 930	122,534	470,584	3,840	3,369
22	40	98 198	18 062,558	228 589,859	12,655	12,184	72	90	24 575	96,379	348,050	3,611	3,140
23	41	98 095	16 706,995	210 527,301	12,601	12,130	73	91	20 409	74,110	251,671	3,396	2,925
24	42	97 981	15 451,606	193 820,307	12,544	12,073	74	92	16 532	55,585	177,560	3,194	2,723
25	43	97 858	14 288,951	178 368,701	12,483	12,012	75	93	13 006	40,491	121,976	3,012	2,541
26	44	97 727	13 212,821	164 079,750	12,418	11,947	76	94	9 930	28,624	81,485	2,847	2,376
27	45	97 591	12 217,136	150 866,929	12,349	11,878	77	95	7 365	19,657	52,861	2,689	2,218
28	46	97 442	11 294,913	138 649,794	12,275	11,804	78	96	5 271	13,027	33,204	2,549	2,078
29	47	97 282	10 441,036	127 354,881	12,198	11,726	79	97	3 629	8,304	20,177	2,430	1,959
30	48	97 108	9 650,301	116 913,845	12,115	11,644	80	98	2 433	5,155	11,872	2,303	1,832
31	49	96 909	8 917,196	107 263,544	12,029	11,558	81	99	1 564	3,069	6,718	2,189	1,718
32	50	96 690	8 238,030	98 346,347	11,938	11,467	82	100	963	1,750	3,649	2,085	1,614
33	51	96 453	7 609,090	90 108,317	11,842	11,371							
34	52	96 185	7 025,894	82 499,227	11,742	11,271							
35	53	95 906	6 486,555	75 473,333	11,635	11,164							
36	54	95 596	5 986,660	68 986,778	11,523	11,052							
37	55	95 249	5 523,054	63 000,118	11,407	10,936							
38	56	94 857	5 092,937	57 477,064	11,286	10,815							
39	57	94 441	4 694,961	52 384,127	11,158	10,686							
40	58	93 977	4 325,856	47 689,167	11,024	10,553							
41	59	93 469	3 983,769	43 363,311	10,885	10,414							
42	60	92 901	3 666,253	39 379,542	10,741	10,270							
43	61	92 294	3 372,498	35 713,288	10,590	10,119							
44	62	91 632	3 100,287	32 340,790	10,432	9,961							
45	63	90 913	2 848,116	29 240,503	10,267	9,796							
46	64	90 129	2 614,394	26 392,387	10,095	9,624							
47	65	89 277	2 397,844	23 777,993	9,916	9,445							
48	66	88 355	2 197,299	21 380,149	9,730	9,259							
49	67	87 351	2 011,425	19 182,850	9,537	9,066							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	19	99 535	99 535,272	1 318 176,235	13,243	12,772	50	69	85 399	1 820,813	16 688,385	9,165	8,694
1	20	99 182	91 835,133	1 218 640,962	13,270	12,799	51	70	84 142	1 661,117	14 867,572	8,950	8,479
2	21	99 142	84 998,065	1 126 805,830	13,257	12,786	52	71	82 788	1 513,331	13 206,456	8,727	8,256
3	22	99 112	78 678,082	1 041 807,765	13,241	12,770	53	72	81 318	1 376,353	11 693,124	8,496	8,025
4	23	99 083	72 829,219	963 129,683	13,224	12,753	54	73	79 741	1 249,685	10 316,771	8,255	7,784
5	24	99 056	67 415,739	890 300,465	13,206	12,735	55	74	78 014	1 132,052	9 067,086	8,009	7,538
6	25	99 031	62 406,055	822 884,725	13,186	12,715	56	75	76 159	1 023,275	7 935,034	7,755	7,284
7	26	99 002	57 766,948	760 478,671	13,165	12,694	57	76	74 154	922,533	6 911,759	7,492	7,021
8	27	98 975	53 473,184	702 711,723	13,141	12,670	58	77	71 999	829,373	5 989,225	7,221	6,750
9	28	98 947	49 498,052	649 238,539	13,116	12,645	59	78	69 733	743,765	5 159,852	6,937	6,466
10	29	98 915	45 816,945	599 740,486	13,090	12,619	60	79	67 246	664,113	4 416,087	6,650	6,179
11	30	98 884	42 409,470	553 923,542	13,061	12,590	61	80	64 552	590,281	3 751,974	6,356	5,885
12	31	98 849	39 254,210	511 514,072	13,031	12,560	62	81	61 616	521,698	3 161,693	6,060	5,589
13	32	98 808	36 331,571	472 259,861	12,999	12,528	63	82	58 431	458,083	2 639,995	5,763	5,292
14	33	98 766	33 625,918	435 928,291	12,964	12,493	64	83	54 963	398,979	2 181,912	5,469	4,998
15	34	98 719	31 120,360	402 302,373	12,927	12,456	65	84	51 195	344,101	1 782,933	5,181	4,710
16	35	98 666	28 799,670	371 182,013	12,888	12,417	66	85	47 194	293,709	1 438,832	4,899	4,428
17	36	98 597	26 647,814	342 382,343	12,848	12,377	67	86	42 982	247,680	1 145,123	4,623	4,152
18	37	98 524	24 655,561	315 734,528	12,806	12,335	68	87	38 605	205,983	897,444	4,357	3,886
19	38	98 436	22 808,888	291 078,968	12,762	12,291	69	88	34 097	168,451	691,461	4,105	3,634
20	39	98 342	21 099,121	268 270,080	12,715	12,244	70	89	29 596	135,385	523,010	3,863	3,392
21	40	98 238	19 515,455	247 170,960	12,665	12,194	71	90	25 203	106,751	387,625	3,631	3,160
22	41	98 136	18 051,122	227 655,504	12,612	12,141	72	91	20 960	82,200	280,874	3,417	2,946
23	42	98 023	16 694,749	209 604,382	12,555	12,084	73	92	17 022	61,813	198,674	3,214	2,743
24	43	97 902	15 439,139	192 909,633	12,495	12,024	74	93	13 424	45,138	136,861	3,032	2,561
25	44	97 770	14 276,152	177 470,494	12,431	11,960	75	94	10 282	32,010	91,723	2,865	2,394
26	45	97 634	13 200,323	163 194,342	12,363	11,892	76	95	7 651	22,056	59,714	2,707	2,236
27	46	97 486	12 203,994	149 994,019	12,291	11,820	77	96	5 492	14,659	37,658	2,569	2,098
28	47	97 327	11 281,537	137 790,024	12,214	11,743	78	97	3 799	9,388	22,998	2,450	1,979
29	48	97 156	10 427,470	126 508,487	12,132	11,661	79	98	2 559	5,857	13,610	2,324	1,853
30	49	96 960	9 635,661	116 081,017	12,047	11,576	80	99	1 657	3,510	7,753	2,209	1,738
31	50	96 746	8 902,179	106 445,357	11,957	11,486	81	100	1 027	2,015	4,243	2,105	1,634
32	51	96 512	8 222,840	97 543,177	11,862	11,391							
33	52	96 253	7 593,289	89 320,337	11,763	11,292							
34	53	95 973	7 010,406	81 727,048	11,658	11,187							
35	54	95 668	6 470,478	74 716,642	11,547	11,076							
36	55	95 333	5 970,171	68 246,164	11,431	10,960							
37	56	94 952	5 505,864	62 275,994	11,311	10,840							
38	57	94 537	5 075,715	56 770,129	11,185	10,714							
39	58	94 086	4 677,325	51 694,415	11,052	10,581							
40	59	93 585	4 307,802	47 017,089	10,914	10,443							
41	60	93 036	3 965,306	42 709,288	10,771	10,300							
42	61	92 425	3 647,457	38 743,981	10,622	10,151							
43	62	91 778	3 353,658	35 096,524	10,465	9,994							
44	63	91 071	3 081,308	31 742,866	10,302	9,831							
45	64	90 299	2 828,862	28 661,558	10,132	9,661							
46	65	89 461	2 595,025	25 832,696	9,955	9,484							
47	66	88 561	2 378,629	23 237,671	9,769	9,298							
48	67	87 581	2 178,055	20 859,043	9,577	9,106							
49	68	86 534	1 992,602	18 680,987	9,375	8,904							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	20	99 519	99 518,912	1 316 895,243	13,233	12,762	50	70	84 413	1 799,789	16 179,889	8,990	8,519
1	21	99 166	91 820,101	1 217 376,331	13,258	12,787	51	71	83 086	1 640,267	14 380,100	8,767	8,296
2	22	99 125	84 983,633	1 125 556,230	13,244	12,773	52	72	81 645	1 492,425	12 739,833	8,536	8,065
3	23	99 095	78 664,881	1 040 572,597	13,228	12,757	53	73	80 103	1 355,780	11 247,408	8,296	7,825
4	24	99 067	72 817,307	961 907,716	13,210	12,739	54	74	78 407	1 228,770	9 891,628	8,050	7,579
5	25	99 040	67 404,665	889 090,410	13,190	12,719	55	75	76 595	1 111,458	8 662,857	7,794	7,323
6	26	99 011	62 393,922	821 685,745	13,169	12,698	56	76	74 627	1 002,687	7 551,400	7,531	7,060
7	27	98 985	57 756,652	759 291,823	13,146	12,675	57	77	72 512	902,100	6 548,713	7,259	6,788
8	28	98 954	53 461,968	701 535,171	13,122	12,651	58	78	70 276	809,519	5 646,613	6,975	6,504
9	29	98 923	49 486,272	648 073,203	13,096	12,625	59	79	67 836	723,529	4 837,094	6,685	6,214
10	30	98 891	45 805,639	598 586,930	13,068	12,597	60	80	65 174	643,653	4 113,564	6,391	5,920
11	31	98 856	42 397,477	552 781,292	13,038	12,567	61	81	62 276	569,466	3 469,912	6,093	5,622
12	32	98 817	39 241,570	510 383,815	13,006	12,535	62	82	59 126	500,614	2 900,445	5,794	5,323
13	33	98 775	36 319,367	471 142,244	12,972	12,501	63	83	55 684	436,552	2 399,832	5,497	5,026
14	34	98 731	33 614,141	434 822,878	12,936	12,465	64	84	51 929	376,957	1 963,279	5,208	4,737
15	35	98 681	31 108,478	401 208,736	12,897	12,426	65	85	47 930	322,151	1 586,323	4,924	4,453
16	36	98 620	28 786,222	370 100,258	12,857	12,386	66	86	43 716	272,064	1 264,171	4,647	4,176
17	37	98 550	26 635,107	341 314,036	12,814	12,343	67	87	39 316	226,558	992,107	4,379	3,908
18	38	98 474	24 643,111	314 678,929	12,769	12,298	68	88	34 780	185,571	765,549	4,125	3,654
19	39	98 382	22 796,249	290 035,817	12,723	12,252	69	89	30 233	149,365	579,978	3,883	3,412
20	40	98 278	21 085,393	267 239,568	12,674	12,203	70	90	25 784	117,946	430,613	3,651	3,180
21	41	98 175	19 503,100	246 154,176	12,621	12,150	71	91	21 496	91,046	312,667	3,434	2,963
22	42	98 064	18 037,891	226 651,076	12,565	12,094	72	92	17 482	68,561	221,621	3,232	2,761
23	43	97 944	16 681,279	208 613,185	12,506	12,035	73	93	13 823	50,196	153,060	3,049	2,578
24	44	97 815	15 425,310	191 931,905	12,443	11,972	74	94	10 613	35,683	102,864	2,883	2,412
25	45	97 677	14 262,649	176 506,595	12,375	11,904	75	95	7 922	24,665	67,181	2,724	2,253
26	46	97 529	13 186,124	162 243,947	12,304	11,833	76	96	5 706	16,448	42,516	2,585	2,114
27	47	97 371	12 189,542	149 057,822	12,228	11,757	77	97	3 958	10,565	26,068	2,467	1,996
28	48	97 201	11 266,878	136 868,280	12,148	11,677	78	98	2 679	6,621	15,503	2,341	1,870
29	49	97 008	10 411,650	125 601,401	12,064	11,592	79	99	1 743	3,988	8,882	2,227	1,756
30	50	96 797	9 619,434	115 189,751	11,975	11,504	80	100	1 088	2,305	4,894	2,123	1,652
31	51	96 568	8 885,765	105 570,318	11,881	11,410							
32	52	96 312	8 205,765	96 684,553	11,783	11,311							
33	53	96 041	7 576,550	88 478,788	11,678	11,207							
34	54	95 736	6 993,030	80 902,237	11,569	11,098							
35	55	95 405	6 452,656	73 909,207	11,454	10,983							
36	56	95 036	5 951,589	67 456,551	11,334	10,863							
37	57	94 631	5 487,246	61 504,962	11,209	10,738							
38	58	94 181	5 056,649	56 017,716	11,078	10,607							
39	59	93 693	4 657,804	50 961,067	10,941	10,470							
40	60	93 151	4 287,837	46 303,263	10,799	10,328							
41	61	92 559	3 944,977	42 015,426	10,650	10,179							
42	62	91 908	3 627,082	38 070,449	10,496	10,025							
43	63	91 217	3 333,128	34 443,367	10,334	9,863							
44	64	90 455	3 060,477	31 110,239	10,165	9,694							
45	65	89 630	2 807,904	28 049,762	9,990	9,519							
46	66	88 744	2 574,229	25 241,858	9,806	9,335							
47	67	87 786	2 357,797	22 667,629	9,614	9,143							
48	68	86 761	2 157,673	20 309,832	9,413	8,942							
49	69	85 651	1 972,270	18 152,159	9,204	8,733							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	21	99 503	99 502,623	1 315 521,619	13,221	12,750	50	71	83 353	1 777,199	15 646,347	8,804	8,333
1	22	99 149	91 804,510	1 216 018,996	13,246	12,775	51	72	81 938	1 617,607	13 869,149	8,574	8,103
2	23	99 108	84 969,374	1 124 214,486	13,231	12,760	52	73	80 424	1 470,117	12 251,542	8,334	7,863
3	24	99 079	78 652,015	1 039 245,112	13,213	12,742	53	74	78 762	1 333,089	10 781,425	8,088	7,617
4	25	99 051	72 805,345	960 593,097	13,194	12,723	54	75	76 980	1 206,416	9 448,335	7,832	7,361
5	26	99 020	67 391,560	887 787,752	13,174	12,703	55	76	75 054	1 089,095	8 241,919	7,568	7,097
6	27	98 994	62 382,801	820 396,191	13,151	12,680	56	77	72 974	980,478	7 152,824	7,295	6,824
7	28	98 964	57 744,537	758 013,390	13,127	12,656	57	78	70 776	880,505	6 172,345	7,010	6,539
8	29	98 931	53 449,245	700 268,853	13,102	12,631	58	79	68 364	787,494	5 291,840	6,720	6,249
9	30	98 899	49 474,061	646 819,608	13,074	12,603	59	80	65 746	701,238	4 504,346	6,423	5,952
10	31	98 863	45 792,685	597 345,547	13,045	12,574	60	81	62 876	620,957	3 803,107	6,125	5,654
11	32	98 824	42 383,825	551 552,862	13,013	12,542	61	82	59 759	546,451	3 182,151	5,823	5,352
12	33	98 784	39 228,389	509 169,037	12,980	12,509	62	83	56 347	477,084	2 635,700	5,525	5,054
13	34	98 740	36 306,647	469 940,648	12,944	12,473	63	84	52 611	412,456	2 158,616	5,234	4,763
14	35	98 694	33 601,308	433 634,002	12,905	12,434	64	85	48 617	352,911	1 746,159	4,948	4,477
15	36	98 635	31 093,953	400 032,694	12,865	12,394	65	86	44 398	298,411	1 393,248	4,669	4,198
16	37	98 573	28 772,425	368 938,741	12,823	12,352	66	87	39 988	248,863	1 094,837	4,399	3,928
17	38	98 501	26 621,658	340 166,246	12,778	12,307	67	88	35 420	204,107	845,974	4,145	3,674
18	39	98 420	24 629,456	313 544,588	12,730	12,259	68	89	30 839	164,545	641,867	3,901	3,430
19	40	98 318	22 781,417	288 915,131	12,682	12,211	69	90	26 339	130,126	477,322	3,668	3,197
20	41	98 216	21 072,043	266 133,715	12,630	12,159	70	91	21 991	100,594	347,196	3,451	2,980
21	42	98 103	19 488,805	245 061,672	12,574	12,103	71	92	17 929	75,939	246,602	3,247	2,776
22	43	97 985	18 023,338	225 572,867	12,516	12,045	72	93	14 196	55,675	170,663	3,065	2,594
23	44	97 856	16 666,338	207 549,529	12,453	11,982	73	94	10 928	39,682	114,988	2,898	2,427
24	45	97 722	15 410,720	190 883,191	12,386	11,915	74	95	8 177	27,495	75,306	2,739	2,268
25	46	97 572	14 247,307	175 472,471	12,316	11,845	75	96	5 908	18,394	47,810	2,599	2,128
26	47	97 414	13 170,510	161 225,164	12,241	11,770	76	97	4 112	11,854	29,417	2,482	2,011
27	48	97 244	12 173,704	148 054,655	12,162	11,691	77	98	2 792	7,451	17,563	2,357	1,886
28	49	97 053	11 249,785	135 880,951	12,079	11,607	78	99	1 824	4,509	10,112	2,243	1,772
29	50	96 845	10 394,116	124 631,166	11,991	11,520	79	100	1 145	2,619	5,603	2,139	1,668
30	51	96 619	9 601,696	114 237,050	11,898	11,427							
31	52	96 367	8 867,313	104 635,353	11,800	11,329							
32	53	96 099	8 187,676	95 768,040	11,697	11,226							
33	54	95 803	7 557,771	87 580,364	11,588	11,117							
34	55	95 472	6 973,770	80 022,592	11,475	11,004							
35	56	95 108	6 432,573	73 048,823	11,356	10,885							
36	57	94 715	5 931,464	66 616,250	11,231	10,760							
37	58	94 276	5 466,634	60 684,786	11,101	10,630							
38	59	93 788	5 035,545	55 218,152	10,966	10,495							
39	60	93 259	4 636,218	50 182,608	10,824	10,353							
40	61	92 674	4 265,854	45 546,390	10,677	10,206							
41	62	92 042	3 922,940	41 280,536	10,523	10,052							
42	63	91 346	3 604,877	37 357,596	10,363	9,892							
43	64	90 600	3 310,595	33 752,719	10,195	9,724							
44	65	89 785	3 037,803	30 442,124	10,021	9,550							
45	66	88 911	2 785,402	27 404,321	9,839	9,368							
46	67	87 967	2 551,684	24 618,919	9,648	9,177							
47	68	86 964	2 335,733	22 067,234	9,448	8,977							
48	69	85 876	2 135,656	19 731,501	9,239	8,768							
49	70	84 662	1 949,498	17 595,845	9,026	8,555							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	22	99 486	99 485,727	1 314 047,840	13,208	12,737	50	72	82 202	1 752,648	15 087,479	8,608	8,137
1	23	99 132	91 789,107	1 214 562,112	13,232	12,761	51	73	80 713	1 593,427	13 334,832	8,369	7,898
2	24	99 092	84 955,477	1 122 773,005	13,216	12,745	52	74	79 078	1 445,513	11 741,404	8,123	7,652
3	25	99 063	78 639,095	1 037 817,528	13,197	12,726	53	75	77 329	1 308,838	10 295,892	7,866	7,395
4	26	99 032	72 791,191	959 178,434	13,177	12,706	54	76	75 432	1 182,143	8 987,054	7,602	7,131
5	27	99 003	67 379,549	886 387,243	13,155	12,684	55	77	73 391	1 064,973	7 804,911	7,329	6,858
6	28	98 973	62 369,716	819 007,694	13,131	12,660	56	78	71 227	957,007	6 739,938	7,043	6,572
7	29	98 940	57 730,795	756 637,978	13,106	12,635	57	79	68 850	856,549	5 782,930	6,751	6,280
8	30	98 906	53 436,055	698 907,183	13,079	12,608	58	80	66 257	763,233	4 926,381	6,455	5,984
9	31	98 871	49 460,070	645 471,128	13,050	12,579	59	81	63 427	676,512	4 163,149	6,154	5,683
10	32	98 831	45 777,940	596 011,057	13,020	12,549	60	82	60 335	595,860	3 486,637	5,851	5,380
11	33	98 791	42 369,588	550 233,117	12,987	12,515	61	83	56 950	520,767	2 890,776	5,551	5,080
12	34	98 749	39 214,650	507 863,529	12,951	12,480	62	84	53 236	450,751	2 370,010	5,258	4,787
13	35	98 703	36 292,785	468 648,879	12,913	12,442	63	85	49 255	386,147	1 919,259	4,970	4,499
14	36	98 647	33 585,618	432 356,095	12,873	12,402	64	86	45 034	326,904	1 533,112	4,690	4,219
15	37	98 588	31 079,125	398 770,477	12,831	12,360	65	87	40 611	272,963	1 206,208	4,419	3,948
16	38	98 523	28 757,967	367 691,351	12,786	12,315	66	88	36 025	224,202	933,246	4,163	3,691
17	39	98 446	26 606,907	338 933,384	12,739	12,268	67	89	31 407	180,981	709,043	3,918	3,447
18	40	98 356	24 613,431	312 326,477	12,689	12,218	68	90	26 867	143,351	528,062	3,684	3,213
19	41	98 256	22 766,993	287 713,046	12,637	12,166	69	91	22 464	110,982	384,712	3,466	2,995
20	42	98 144	21 056,598	264 946,053	12,583	12,112	70	92	18 342	83,903	273,730	3,262	2,791
21	43	98 024	19 473,081	243 889,454	12,524	12,053	71	93	14 559	61,667	189,827	3,078	2,607
22	44	97 897	18 007,194	224 416,374	12,463	11,992	72	94	11 223	44,013	128,160	2,912	2,441
23	45	97 763	16 650,574	206 409,180	12,397	11,925	73	95	8 420	30,577	84,147	2,752	2,281
24	46	97 617	15 394,143	189 758,606	12,327	11,856	74	96	6 098	20,505	53,570	2,613	2,142
25	47	97 457	14 230,436	174 364,463	12,253	11,782	75	97	4 258	13,256	33,066	2,494	2,023
26	48	97 287	13 153,396	160 134,027	12,174	11,703	76	98	2 900	8,360	19,809	2,370	1,898
27	49	97 097	12 155,235	146 980,631	12,092	11,621	77	99	1 901	5,074	11,449	2,256	1,785
28	50	96 890	11 230,840	134 825,396	12,005	11,534	78	100	1 198	2,961	6,375	2,153	1,682
29	51	96 666	10 374,950	123 594,556	11,913	11,442							
30	52	96 418	9 581,758	113 219,606	11,816	11,345							
31	53	96 155	8 847,766	103 637,847	11,713	11,242							
32	54	95 861	8 167,383	94 790,081	11,606	11,135							
33	55	95 539	7 536,955	86 622,699	11,493	11,022							
34	56	95 175	6 952,064	79 085,744	11,376	10,905							
35	57	94 786	6 410,821	72 133,679	11,252	10,781							
36	58	94 359	5 909,183	65 722,858	11,122	10,651							
37	59	93 882	5 443,819	59 813,675	10,987	10,516							
38	60	93 354	5 012,208	54 369,856	10,847	10,376							
39	61	92 781	4 612,449	49 357,649	10,701	10,230							
40	62	92 156	4 242,025	44 745,200	10,548	10,077							
41	63	91 478	3 898,924	40 503,176	10,388	9,917							
42	64	90 728	3 580,508	36 604,252	10,223	9,752							
43	65	89 929	3 286,067	33 023,744	10,050	9,579							
44	66	89 066	3 013,459	29 737,677	9,868	9,397							
45	67	88 133	2 761,008	26 724,218	9,679	9,208							
46	68	87 144	2 527,806	23 963,210	9,480	9,009							
47	69	86 077	2 311,899	21 435,404	9,272	8,801							
48	70	84 884	2 110,997	19 123,505	9,059	8,588							
49	71	83 599	1 925,028	17 012,507	8,838	8,366							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	23	99 469	99 469,036	1 312 466,528	13,195	12,724	50	73	80 973	1 726,449	14 503,424	8,401	7,930
1	24	99 116	91 774,094	1 212 997,492	13,217	12,746	51	74	79 362	1 566,760	12 776,975	8,155	7,684
2	25	99 076	84 941,521	1 121 223,398	13,200	12,729	52	75	77 640	1 419,216	11 210,216	7,899	7,428
3	26	99 043	78 623,806	1 036 281,877	13,180	12,709	53	76	75 774	1 282,504	9 791,000	7,634	7,163
4	27	99 014	72 778,216	957 658,071	13,159	12,688	54	77	73 761	1 155,960	8 508,496	7,361	6,889
5	28	98 982	67 365,416	884 879,854	13,136	12,664	55	78	71 635	1 039,479	7 352,535	7,073	6,602
6	29	98 949	62 354,873	817 514,438	13,111	12,640	56	79	69 289	930,970	6 313,056	6,781	6,310
7	30	98 916	57 716,549	755 159,565	13,084	12,613	57	80	66 729	830,160	5 382,087	6,483	6,012
8	31	98 878	53 420,944	697 443,016	13,056	12,585	58	81	63 921	736,320	4 551,927	6,182	5,711
9	32	98 839	49 444,144	644 022,072	13,025	12,554	59	82	60 864	649,170	3 815,607	5,878	5,407
10	33	98 798	45 762,563	594 577,928	12,993	12,522	60	83	57 499	567,854	3 166,436	5,576	5,105
11	34	98 756	42 354,749	548 815,365	12,958	12,487	61	84	53 806	492,023	2 598,583	5,281	4,810
12	35	98 711	39 139,678	506 460,616	12,920	12,449	62	85	49 841	421,998	2 106,560	4,992	4,521
13	36	98 657	36 275,838	467 260,938	12,881	12,410	63	86	45 625	357,690	1 684,562	4,710	4,239
14	37	98 600	33 569,602	430 985,100	12,839	12,368	64	87	41 194	299,026	1 326,872	4,437	3,966
15	38	98 538	31 063,432	397 415,497	12,794	12,323	65	88	36 587	245,914	1 027,846	4,180	3,709
16	39	98 469	28 742,032	366 352,065	12,746	12,275	66	89	31 943	198,799	781,932	3,933	3,462
17	40	98 382	26 589,595	337 610,033	12,697	12,226	67	90	27 361	157,669	583,133	3,698	3,227
18	41	98 293	24 597,848	311 020,437	12,644	12,173	68	91	22 914	122,261	425,464	3,480	3,009
19	42	98 184	22 750,306	286 422,590	12,590	12,119	69	92	18 737	92,567	303,202	3,275	2,804
20	43	98 065	21 039,609	263 672,283	12,532	12,061	70	93	14 894	68,134	210,635	3,091	2,620
21	44	97 936	19 455,639	242 632,674	12,471	12,000	71	94	11 510	48,750	142,502	2,923	2,452
22	45	97 804	17 990,162	223 177,036	12,406	11,934	72	95	8 648	33,914	93,751	2,764	2,293
23	46	97 658	16 632,664	205 186,874	12,336	11,865	73	96	6 279	22,802	59,837	2,624	2,153
24	47	97 501	15 375,914	188 554,210	12,263	11,792	74	97	4 395	14,777	37,035	2,506	2,035
25	48	97 330	14 211,945	173 178,297	12,185	11,714	75	98	3 003	9,349	22,257	2,381	1,910
26	49	97 140	13 133,441	158 966,352	12,104	11,633	76	99	1 975	5,693	12,908	2,267	1,796
27	50	96 933	12 134,765	145 832,910	12,018	11,547	77	100	1 248	3,332	7,215	2,165	1,694
28	51	96 711	11 210,131	133 698,146	11,927	11,456							
29	52	96 466	10 353,407	122 488,014	11,831	11,360							
30	53	96 205	9 560,636	112 134,608	11,729	11,258							
31	54	95 916	8 825,836	102 573,972	11,622	11,151							
32	55	95 597	8 144,887	93 748,136	11,510	11,039							
33	56	95 241	7 513,497	85 603,248	11,393	10,922							
34	57	94 853	6 928,555	78 089,751	11,271	10,800							
35	58	94 430	6 386,740	71 161,195	11,142	10,671							
36	59	93 965	5 884,521	64 774,456	11,008	10,537							
37	60	93 447	5 418,589	58 889,935	10,868	10,397							
38	61	92 875	4 986,511	53 471,345	10,723	10,252							
39	62	92 262	4 586,683	48 484,834	10,571	10,100							
40	63	91 592	4 216,055	43 898,152	10,412	9,941							
41	64	90 860	3 872,566	39 682,097	10,247	9,776							
42	65	90 056	3 553,980	35 809,530	10,076	9,605							
43	66	89 208	3 259,734	32 255,550	9,895	9,424							
44	67	88 286	2 987,068	28 995,816	9,707	9,236							
45	68	87 308	2 735,171	26 008,748	9,509	9,038							
46	69	86 255	2 502,012	23 273,577	9,302	8,831							
47	70	85 083	2 285,205	20 771,565	9,090	8,619							
48	71	83 819	2 084,501	18 486,360	8,868	8,397							
49	72	82 444	1 898,435	16 401,859	8,640	8,169							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	24	99 453	99 452,767	1 310 768,855	13,180	12,709	50	74	79 618	1 697,555	13 894,013	8,185	7,714
1	25	99 100	91 759,019	1 211 316,088	13,201	12,730	51	75	77 918	1 538,257	12 196,458	7,929	7,458
2	26	99 057	84 925,007	1 119 557,070	13,183	12,712	52	76	76 078	1 390,661	10 658,201	7,664	7,193
3	27	99 026	78 609,792	1 034 632,062	13,162	12,691	53	77	74 095	1 254,098	9 267,539	7,390	6,919
4	28	98 993	72 762,952	956 022,270	13,139	12,668	54	78	71 995	1 128,288	8 013,441	7,102	6,631
5	29	98 958	67 349,384	883 259,319	13,115	12,644	55	79	69 686	1 011,198	6 885,153	6,809	6,338
6	30	98 925	62 339,486	815 909,935	13,088	12,617	56	80	67 155	902,288	5 873,955	6,510	6,039
7	31	98 888	57 700,227	753 570,449	13,060	12,589	57	81	64 376	800,887	4 971,668	6,208	5,737
8	32	98 847	53 403,743	695 870,222	13,030	12,559	58	82	61 338	706,561	4 170,780	5,903	5,432
9	33	98 806	49 427,535	642 466,479	12,998	12,527	59	83	58 003	618,658	3 464,219	5,600	5,129
10	34	98 763	45 746,536	593 038,943	12,964	12,493	60	84	54 325	536,510	2 845,561	5,304	4,833
11	35	98 718	42 338,578	547 292,408	12,927	12,456	61	85	50 374	460,638	2 309,050	5,013	4,542
12	36	98 665	39 181,374	504 953,830	12,888	12,417	62	86	46 168	390,900	1 848,413	4,729	4,258
13	37	98 610	36 258,540	465 772,456	12,846	12,375	63	87	41 734	327,187	1 457,513	4,455	3,984
14	38	98 551	33 552,652	429 513,916	12,801	12,330	64	88	37 111	269,394	1 130,327	4,196	3,725
15	39	98 484	31 046,220	395 961,263	12,754	12,283	65	89	32 442	218,051	860,932	3,948	3,477
16	40	98 404	28 723,331	364 915,044	12,704	12,233	66	90	27 829	173,193	642,882	3,712	3,241
17	41	98 320	26 572,761	336 191,712	12,652	12,181	67	91	23 336	134,474	469,689	3,493	3,022
18	42	98 221	24 579,819	309 618,952	12,596	12,125	68	92	19 112	101,975	335,216	3,287	2,816
19	43	98 104	22 731,950	285 039,133	12,539	12,068	69	93	15 215	75,169	233,241	3,103	2,632
20	44	97 977	21 020,764	262 307,182	12,478	12,007	70	94	11 775	53,863	158,072	2,935	2,464
21	45	97 844	19 437,236	241 286,419	12,414	11,943	71	95	8 869	37,564	104,209	2,774	2,303
22	46	97 699	17 970,811	221 849,182	12,345	11,874	72	96	6 449	25,291	66,645	2,635	2,164
23	47	97 542	16 612,967	203 878,372	12,272	11,801	73	97	4 525	16,433	41,354	2,516	2,045
24	48	97 375	15 355,935	187 265,404	12,195	11,724	74	98	3 100	10,422	24,920	2,391	1,920
25	49	97 182	14 190,384	171 909,470	12,115	11,643	75	99	2 045	6,366	14,498	2,277	1,806
26	50	96 976	13 111,323	157 719,086	12,029	11,558	76	100	1 297	3,739	8,132	2,175	1,704
27	51	96 755	12 112,389	144 607,762	11,939	11,468							
28	52	96 510	11 186,853	132 495,373	11,844	11,373							
29	53	96 253	10 330,583	121 308,519	11,743	11,272							
30	54	95 967	9 536,939	110 977,936	11,637	11,166							
31	55	95 652	8 801,527	101 440,997	11,525	11,054							
32	56	95 300	8 119,537	92 639,469	11,409	10,938							
33	57	94 919	7 488,090	84 519,932	11,287	10,816							
34	58	94 497	6 902,530	77 031,842	11,160	10,689							
35	59	94 036	6 360,084	70 129,312	11,026	10,555							
36	60	93 530	5 857,249	63 769,228	10,887	10,416							
37	61	92 968	5 390,809	57 911,979	10,743	10,272							
38	62	92 356	4 958,655	52 521,169	10,592	10,121							
39	63	91 698	4 558,603	47 562,514	10,434	9,963							
40	64	90 973	4 187,554	43 003,911	10,269	9,798							
41	65	90 187	3 843,875	38 816,357	10,098	9,627							
42	66	89 334	3 525,500	34 972,482	9,920	9,449							
43	67	88 427	3 231,186	31 446,982	9,732	9,261							
44	68	87 460	2 959,115	28 215,796	9,535	9,064							
45	69	86 417	2 707,261	25 256,681	9,329	8,858							
46	70	85 259	2 473,123	22 549,420	9,118	8,647							
47	71	84 015	2 256,522	20 076,296	8,897	8,426							
48	72	82 661	2 055,704	17 819,774	8,668	8,197							
49	73	81 212	1 870,057	15 764,070	8,430	7,959							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0	25	99 436	99 436,430	1 308 945,062	13,164	12,693	50	75	78 170	1 666,673	13 260,215	7,956	7,485
1	26	99 080	91 741,179	1 209 508,632	13,184	12,713	51	76	76 351	1 507,307	11 593,542	7,692	7,221
2	27	99 039	84 909,870	1 117 767,453	13,164	12,693	52	77	74 393	1 359,860	10 086,235	7,417	6,946
3	28	99 005	78 593,304	1 032 857,582	13,142	12,671	53	78	72 322	1 224,077	8 726,375	7,129	6,658
4	29	98 970	72 745,635	954 264,278	13,118	12,647	54	79	70 036	1 097,590	7 502,298	6,835	6,364
5	30	98 934	67 332,764	881 518,644	13,092	12,621	55	80	67 539	980,044	6 404,708	6,535	6,064
6	31	98 897	62 321,857	814 185,880	13,064	12,593	56	81	64 787	870,472	5 424,664	6,232	5,761
7	32	98 856	57 681,648	751 864,022	13,035	12,564	57	82	61 774	768,519	4 554,192	5,926	5,455
8	33	98 813	53 385,804	694 182,375	13,003	12,532	58	83	58 455	673,351	3 785,672	5,622	5,151
9	34	98 771	49 410,224	640 796,571	12,969	12,498	59	84	54 802	584,510	3 112,321	5,325	4,854
10	35	98 726	45 729,070	591 386,346	12,932	12,461	60	85	50 860	502,288	2 527,811	5,033	4,562
11	36	98 672	42 318,809	545 657,276	12,894	12,423	61	86	46 662	426,691	2 025,523	4,747	4,276
12	37	98 618	39 162,690	503 338,467	12,852	12,381	62	87	42 231	357,564	1 598,832	4,471	4,000
13	38	98 560	36 240,232	464 175,777	12,808	12,337	63	88	37 599	294,764	1 241,267	4,211	3,740
14	39	98 496	33 534,060	427 935,545	12,761	12,290	64	89	32 907	238,871	946,503	3,962	3,491
15	40	98 420	31 026,020	394 401,485	12,712	12,241	65	90	28 263	189,964	707,633	3,725	3,254
16	41	98 342	28 705,146	363 375,465	12,659	12,188	66	91	23 735	147,713	517,668	3,505	3,034
17	42	98 248	26 553,284	334 670,320	12,604	12,133	67	92	19 464	112,161	369,955	3,298	2,827
18	43	98 142	24 559,987	308 117,035	12,545	12,074	68	93	15 520	82,809	257,795	3,113	2,642
19	44	98 016	22 711,589	283 557,049	12,485	12,014	69	94	12 028	59,424	174,986	2,945	2,474
20	45	97 884	21 000,881	260 845,459	12,421	11,950	70	95	9 073	41,503	115,561	2,784	2,313
21	46	97 739	19 416,329	239 844,578	12,353	11,882	71	96	6 614	28,013	74,058	2,644	2,173
22	47	97 583	17 949,530	220 428,249	12,280	11,809	72	97	4 648	18,227	46,044	2,526	2,055
23	48	97 416	16 591,381	202 478,720	12,204	11,733	73	98	3 192	11,590	27,817	2,400	1,929
24	49	97 227	15 332,638	185 887,339	12,124	11,653	74	99	2 111	7,097	16,227	2,286	1,815
25	50	97 019	14 166,486	170 554,701	12,039	11,568	75	100	1 343	4,181	9,130	2,184	1,713
26	51	96 797	13 087,148	156 388,214	11,950	11,479							
27	52	96 554	12 087,238	143 301,067	11,856	11,385							
28	53	96 297	11 162,193	131 213,829	11,755	11,284							
29	54	96 014	10 304,978	120 051,636	11,650	11,179							
30	55	95 703	9 510,672	109 746,657	11,539	11,068							
31	56	95 354	8 774,134	100 235,985	11,424	10,953							
32	57	94 977	8 092,080	91 461,852	11,303	10,832							
33	58	94 563	7 459,962	83 369,772	11,176	10,705							
34	59	94 102	6 873,722	75 909,809	11,043	10,572							
35	60	93 600	6 330,609	69 036,088	10,905	10,434							
36	61	93 050	5 827,220	62 705,479	10,761	10,290							
37	62	92 449	5 360,695	56 878,259	10,610	10,139							
38	63	91 791	4 928,299	51 517,563	10,453	9,982							
39	64	91 078	4 527,786	46 589,264	10,290	9,819							
40	65	90 299	4 156,529	42 061,478	10,119	9,648							
41	66	89 464	3 813,072	37 904,949	9,941	9,470							
42	67	88 552	3 494,624	34 091,877	9,756	9,284							
43	68	87 599	3 200,949	30 597,253	9,559	9,088							
44	69	86 567	2 928,920	27 396,304	9,354	8,883							
45	70	85 419	2 676,002	24 467,384	9,143	8,672							
46	71	84 189	2 442,081	21 791,382	8,923	8,452							
47	72	82 854	2 225,349	19 349,300	8,695	8,224							
48	73	81 425	2 024,976	17 123,951	8,456	7,985							
49	74	79 853	1 838,760	15 098,975	8,211	7,740							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	49	94 357	2 011,816	22 407,965	11,138	10,667
1	0	99 661	92 279,076	1 231 695,538	13,348	12,876	51	50	93 896	1 853,679	20 396,149	11,003	10,532
2	1	99 349	85 175,907	1 139 416,462	13,377	12,906	52	51	93 387	1 707,075	18 542,470	10,862	10,391
3	2	99 314	78 838,551	1 054 240,555	13,372	12,901	53	52	92 821	1 571,040	16 835,394	10,716	10,245
4	3	99 289	72 980,414	975 402,003	13,365	12,894	54	53	92 198	1 444,908	15 264,354	10,564	10,093
5	4	99 268	67 560,011	902 421,589	13,357	12,886	55	54	91 509	1 327,878	13 819,446	10,407	9,936
6	5	99 250	62 544,123	834 861,578	13,348	12,877	56	55	90 738	1 219,158	12 491,568	10,246	9,775
7	6	99 234	57 902,076	772 317,455	13,338	12,867	57	56	89 883	1 118,209	11 272,410	10,081	9,610
8	7	99 217	53 603,909	714 415,380	13,328	12,857	58	57	88 946	1 024,582	10 154,202	9,911	9,440
9	8	99 205	49 627,105	660 811,471	13,316	12,844	59	58	87 927	937,824	9 129,620	9,735	9,264
10	9	99 190	45 944,023	611 184,366	13,303	12,832	60	59	86 799	857,217	8 191,796	9,556	9,085
11	10	99 177	42 535,334	565 240,342	13,289	12,818	61	60	85 572	782,493	7 334,579	9,373	8,902
12	11	99 165	39 379,657	522 705,008	13,273	12,803	62	61	84 231	713,180	6 552,087	9,187	8,716
13	12	99 148	36 456,614	483 325,351	13,258	12,787	63	62	82 776	648,945	5 838,907	8,998	8,526
14	13	99 133	33 750,854	446 868,738	13,240	12,769	64	63	81 204	589,460	5 189,962	8,805	8,334
15	14	99 113	31 244,460	413 117,884	13,222	12,751	65	64	79 515	534,445	4 600,502	8,608	8,137
16	15	99 088	28 922,891	381 873,424	13,203	12,732	66	65	77 714	483,649	4 066,057	8,407	7,936
17	16	99 054	26 771,231	352 950,534	13,184	12,713	67	66	75 796	436,772	3 582,407	8,202	7,731
18	17	99 015	24 778,399	326 179,303	13,164	12,693	68	67	73 774	393,629	3 145,635	7,991	7,520
19	18	98 964	22 931,133	301 400,904	13,144	12,673	69	68	71 648	353,970	2 752,007	7,775	7,304
20	19	98 908	21 220,517	278 469,771	13,123	12,652	70	69	69 422	317,566	2 398,037	7,551	7,080
21	20	98 851	19 637,291	257 249,254	13,100	12,629	71	70	67 076	284,105	2 080,471	7,323	6,852
22	21	98 795	18 172,348	237 611,963	13,075	12,604	72	71	64 582	253,280	1 796,366	7,092	6,621
23	22	98 737	16 816,338	219 439,615	13,049	12,578	73	72	62 016	225,200	1 543,086	6,852	6,381
24	23	98 678	15 561,529	202 623,277	13,021	12,550	74	73	59 328	199,480	1 317,886	6,607	6,136
25	24	98 617	14 399,868	187 061,747	12,991	12,519	75	74	56 516	175,949	1 118,406	6,356	5,885
26	25	98 557	13 325,133	172 661,880	12,958	12,487	76	75	53 588	154,476	942,457	6,101	5,630
27	26	98 495	12 330,251	159 336,747	12,922	12,451	77	76	50 543	134,907	787,981	5,841	5,370
28	27	98 433	11 409,730	147 006,496	12,884	12,413	78	77	47 434	117,229	653,075	5,571	5,100
29	28	98 367	10 557,464	135 596,766	12,844	12,373	79	78	44 228	101,209	535,846	5,294	4,823
30	29	98 295	9 768,282	125 039,302	12,801	12,329	80	79	40 896	86,652	434,637	5,016	4,545
31	30	98 219	9 037,698	115 271,020	12,754	12,283	81	80	37 425	73,424	347,984	4,739	4,268
32	31	98 135	8 361,074	106 233,322	12,706	12,235	82	81	33 859	61,508	274,561	4,464	3,993
33	32	98 043	7 734,514	97 872,248	12,654	12,183	83	82	30 236	50,857	213,053	4,189	3,718
34	33	97 941	7 154,162	90 137,734	12,599	12,128	84	83	26 539	41,332	162,195	3,924	3,453
35	34	97 838	6 617,251	82 983,572	12,540	12,069	85	84	22 828	32,919	120,863	3,672	3,201
36	35	97 727	6 120,121	76 366,321	12,478	12,007	86	85	19 194	25,628	87,945	3,432	2,961
37	36	97 595	5 659,130	70 246,201	12,413	11,942	87	86	15 740	19,460	62,317	3,202	2,731
38	37	97 451	5 232,212	64 587,071	12,344	11,873	88	87	12 540	14,355	42,857	2,985	2,514
39	38	97 303	4 837,275	59 354,859	12,270	11,799	89	88	9 640	10,218	28,501	2,789	2,318
40	39	97 137	4 471,308	54 517,584	12,193	11,722	90	89	7 136	7,003	18,283	2,611	2,140
41	40	96 954	4 132,285	50 046,277	12,111	11,640	91	90	5 077	4,613	11,280	2,445	1,974
42	41	96 752	3 818,220	45 913,991	12,025	11,554	92	91	3 461	2,912	6,667	2,289	1,818
43	42	96 544	3 527,801	42 095,771	11,933	11,462	93	92	2 240	1,745	3,755	2,152	1,680
44	43	96 312	3 258,642	38 567,970	11,836	11,365	94	93	1 374	0,991	2,010	2,028	1,557
45	44	96 059	3 009,331	35 309,328	11,733	11,262	95	94	793	0,530	1,019	1,924	1,453
46	45	95 788	2 778,551	32 299,997	11,625	11,154	96	95	433	0,268	0,489	1,827	1,356
47	46	95 488	2 564,664	29 521,446	11,511	11,040	97	96	221	0,127	0,221	1,747	1,276
48	47	95 152	2 366,346	26 956,782	11,392	10,921	98	97	106	0,056	0,095	1,677	1,206
49	48	94 779	2 182,472	24 590,436	11,267	10,796	99	98	49	0,024	0,038	1,601	1,130
							100	99	21	0,009	0,014	1,539	1,068

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	48	94 501	2 014,872	22 528,301	11,181	10,710
1							51	49	94 054	1 856,806	20 513,428	11,048	10,577
2	0	99 637	85 422,940	1 139 937,650	13,345	12,874	52	50	93 560	1 710,229	18 656,622	10,909	10,438
3	1	99 336	78 856,090	1 054 514,710	13,373	12,902	53	51	93 014	1 574,309	16 946,393	10,764	10,293
4	2	99 302	72 990,005	975 658,620	13,367	12,896	54	52	92 402	1 448,100	15 372,084	10,615	10,144
5	3	99 278	67 566,747	902 668,615	13,360	12,889	55	53	91 737	1 331,177	13 923,983	10,460	9,989
6	4	99 259	62 549,881	835 101,868	13,351	12,880	56	54	90 989	1 222,525	12 592,806	10,301	9,830
7	5	99 241	57 906,010	772 551,987	13,341	12,870	57	55	90 163	1 121,700	11 370,281	10,137	9,666
8	6	99 224	53 607,823	714 645,977	13,331	12,860	58	56	89 247	1 028,059	10 248,582	9,969	9,498
9	7	99 210	49 629,469	661 038,154	13,319	12,848	59	57	88 259	941,360	9 220,523	9,795	9,324
10	8	99 197	45 947,335	611 408,685	13,307	12,836	60	58	87 163	860,809	8 279,163	9,618	9,147
11	9	99 182	42 537,595	565 461,350	13,293	12,822	61	59	85 970	786,136	7 418,354	9,436	8,965
12	10	99 170	39 381,846	522 923,755	13,278	12,807	62	60	84 665	716,855	6 632,218	9,252	8,781
13	11	99 156	36 459,417	483 541,909	13,262	12,791	63	61	83 241	652,591	5 915,363	9,064	8,593
14	12	99 139	33 752,987	447 082,492	13,246	12,775	64	62	81 704	593,091	5 262,772	8,873	8,402
15	13	99 121	31 246,930	413 329,505	13,228	12,757	65	63	80 056	538,083	4 669,681	8,678	8,207
16	14	99 097	28 925,559	382 082,575	13,209	12,738	66	64	78 294	487,259	4 131,599	8,479	8,008
17	15	99 066	26 774,331	353 157,016	13,190	12,719	67	65	76 408	440,300	3 644,339	8,277	7,806
18	16	99 028	24 781,567	326 382,685	13,170	12,699	68	66	74 426	397,106	3 204,039	8,068	7,597
19	17	98 977	22 934,106	301 601,118	13,151	12,680	69	67	72 325	357,313	2 806,933	7,856	7,385
20	18	98 924	21 223,962	278 667,012	13,130	12,659	70	68	70 138	320,840	2 449,619	7,635	7,164
21	19	98 867	19 640,519	257 443,050	13,108	12,637	71	69	67 859	287,423	2 128,780	7,406	6,935
22	20	98 811	18 175,323	237 802,531	13,084	12,613	72	70	65 403	256,500	1 841,356	7,179	6,708
23	21	98 753	16 819,194	219 627,208	13,058	12,587	73	71	62 885	228,355	1 584,856	6,940	6,469
24	22	98 695	15 564,141	202 808,014	13,030	12,559	74	72	60 228	202,507	1 356,502	6,699	6,227
25	23	98 633	14 402,223	187 243,873	13,001	12,530	75	73	57 478	178,944	1 153,995	6,449	5,978
26	24	98 574	13 327,322	172 841,650	12,969	12,498	76	74	54 581	157,338	975,051	6,197	5,726
27	25	98 514	12 332,649	159 514,328	12,934	12,463	77	75	51 581	137,677	817,713	5,939	5,468
28	26	98 451	11 411,764	147 181,679	12,897	12,426	78	76	48 508	119,884	680,036	5,672	5,201
29	27	98 387	10 559,679	135 769,915	12,857	12,386	79	77	45 313	103,691	560,152	5,402	4,931
30	28	98 318	9 770,607	125 210,236	12,815	12,344	80	78	42 040	89,076	456,461	5,124	4,653
31	29	98 243	9 039,929	115 439,629	12,770	12,299	81	79	38 615	75,758	367,385	4,849	4,378
32	30	98 162	8 363,439	106 399,700	12,722	12,251	82	80	35 097	63,756	291,627	4,574	4,103
33	31	98 075	7 737,005	98 036,261	12,671	12,200	83	81	31 510	52,999	227,871	4,299	3,828
34	32	97 974	7 156,566	90 299,256	12,618	12,147	84	82	27 848	43,370	174,871	4,032	3,561
35	33	97 873	6 619,569	83 142,690	12,560	12,089	85	83	24 161	34,842	131,501	3,774	3,303
36	34	97 764	6 122,458	76 523,121	12,499	12,028	86	84	20 501	27,374	96,659	3,531	3,060
37	35	97 641	5 661,774	70 400,663	12,434	11,963	87	85	16 993	21,008	69,285	3,298	2,827
38	36	97 498	5 234,708	64 738,889	12,367	11,896	88	86	13 709	15,694	48,277	3,076	2,605
39	37	97 352	4 839,718	59 504,181	12,295	11,824	89	87	10 700	11,342	32,583	2,873	2,402
40	38	97 191	4 473,786	54 664,462	12,219	11,748	90	88	8 047	7,898	21,241	2,689	2,218
41	39	97 017	4 134,976	50 190,676	12,138	11,667	91	89	5 827	5,295	13,343	2,520	2,049
42	40	96 813	3 820,639	46 055,700	12,054	11,583	92	90	4 058	3,414	8,048	2,357	1,886
43	41	96 615	3 530,388	42 235,061	11,963	11,492	93	91	2 686	2,092	4,634	2,215	1,743
44	42	96 390	3 261,273	38 704,673	11,868	11,397	94	92	1 691	1,220	2,541	2,083	1,612
45	43	96 145	3 012,029	35 443,400	11,767	11,296	95	93	1 003	0,670	1,321	1,972	1,501
46	44	95 879	2 781,181	32 431,370	11,661	11,190	96	94	562	0,348	0,651	1,873	1,402
47	45	95 590	2 567,425	29 650,189	11,549	11,078	97	95	297	0,170	0,304	1,786	1,315
48	46	95 265	2 369,152	27 082,764	11,431	10,960	98	96	148	0,078	0,134	1,707	1,236
49	47	94 902	2 185,311	24 713,612	11,309	10,838	99	97	69	0,034	0,055	1,634	1,163
							100	98	30	0,014	0,021	1,569	1,098

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	47	94 624	2 017,494	22 638,519	11,221	10,750
1							51	48	94 197	1 859,628	20 621,025	11,089	10,618
2							52	49	93 718	1 713,114	18 761,398	10,952	10,481
3	0	99 624	79 084,793	1 054 993,350	13,340	12,869	53	50	93 186	1 577,217	17 048,284	10,809	10,338
4	1	99 324	73 006,243	975 908,557	13,367	12,896	54	51	92 594	1 451,114	15 471,067	10,662	10,190
5	2	99 291	67 575,627	902 902,314	13,361	12,890	55	52	91 939	1 334,118	14 019,953	10,509	10,038
6	3	99 269	62 556,117	835 326,687	13,353	12,882	56	53	91 215	1 225,562	12 685,834	10,351	9,880
7	4	99 250	57 911,341	772 770,569	13,344	12,873	57	54	90 412	1 124,798	11 460,272	10,189	9,718
8	5	99 231	53 611,466	714 859,228	13,334	12,863	58	55	89 526	1 031,268	10 335,474	10,022	9,551
9	6	99 217	49 633,093	661 247,763	13,323	12,852	59	56	88 558	944,554	9 304,206	9,850	9,379
10	7	99 202	45 949,523	611 614,670	13,311	12,840	60	57	87 492	864,055	8 359,652	9,675	9,204
11	8	99 189	42 540,660	565 665,147	13,297	12,826	61	58	86 330	789,431	7 495,597	9,495	9,024
12	9	99 175	39 383,946	523 124,486	13,283	12,812	62	59	85 059	720,193	6 706,167	9,312	8,841
13	10	99 161	36 461,444	483 740,547	13,267	12,796	63	60	83 670	655,954	5 985,974	9,126	8,655
14	11	99 147	33 755,583	447 279,102	13,251	12,779	64	61	82 163	596,423	5 330,020	8,937	8,466
15	12	99 127	31 248,905	413 523,519	13,233	12,762	65	62	80 549	541,397	4 733,598	8,743	8,272
16	13	99 105	28 927,846	382 274,615	13,215	12,744	66	63	78 827	490,576	4 192,201	8,545	8,074
17	14	99 075	26 776,801	353 346,769	13,196	12,725	67	64	76 979	443,587	3 701,625	8,345	7,874
18	15	99 039	24 784,437	326 569,969	13,176	12,705	68	65	75 027	400,314	3 258,038	8,139	7,668
19	16	98 989	22 937,038	301 785,532	13,157	12,686	69	66	72 964	360,470	2 857,724	7,928	7,457
20	17	98 937	21 226,714	278 848,494	13,137	12,666	70	67	70 800	323,871	2 497,253	7,711	7,240
21	18	98 883	19 643,708	257 621,779	13,115	12,644	71	68	68 559	290,386	2 173,383	7,484	7,013
22	19	98 827	18 178,311	237 978,071	13,091	12,620	72	69	66 167	259,496	1 882,996	7,256	6,785
23	20	98 769	16 821,947	219 799,761	13,066	12,595	73	70	63 684	231,257	1 623,500	7,020	6,549
24	21	98 712	15 566,784	202 977,813	13,039	12,568	74	71	61 072	205,344	1 392,243	6,780	6,309
25	22	98 650	14 404,640	187 411,029	13,010	12,539	75	72	58 350	181,659	1 186,899	6,534	6,063
26	23	98 590	13 329,502	173 006,389	12,979	12,508	76	73	55 510	160,016	1 005,240	6,282	5,811
27	24	98 530	12 334,675	159 676,887	12,945	12,474	77	74	52 537	140,228	845,224	6,028	5,556
28	25	98 470	11 413,984	147 342,212	12,909	12,438	78	75	49 504	122,346	704,996	5,762	5,291
29	26	98 405	10 561,561	135 928,229	12,870	12,399	79	76	46 339	106,040	582,650	5,495	5,024
30	27	98 339	9 772,657	125 366,667	12,828	12,357	80	77	43 071	91,260	476,610	5,223	4,751
31	28	98 266	9 042,081	115 594,011	12,784	12,313	81	78	39 695	77,877	385,350	4,948	4,477
32	29	98 187	8 365,503	106 551,930	12,737	12,266	82	79	36 213	65,783	307,473	4,674	4,203
33	30	98 102	7 739,194	98 186,427	12,687	12,216	83	80	32 661	54,937	241,691	4,399	3,928
34	31	98 006	7 158,871	90 447,233	12,634	12,163	84	81	29 020	45,197	186,754	4,132	3,661
35	32	97 905	6 621,793	83 288,362	12,578	12,107	85	82	25 353	36,560	141,557	3,872	3,401
36	33	97 799	6 124,603	76 666,568	12,518	12,047	86	83	21 699	28,973	104,997	3,624	3,153
37	34	97 678	5 663,936	70 541,965	12,455	11,984	87	84	18 150	22,440	76,024	3,388	2,917
38	35	97 543	5 237,154	64 878,029	12,388	11,917	88	85	14 800	16,942	53,584	3,163	2,692
39	36	97 399	4 842,027	59 640,875	12,317	11,846	89	86	11 698	12,399	36,642	2,955	2,484
40	37	97 240	4 476,047	54 798,848	12,243	11,772	90	87	8 933	8,767	24,242	2,765	2,294
41	38	97 071	4 137,268	50 322,802	12,163	11,692	91	88	6 572	5,972	15,476	2,591	2,120
42	39	96 876	3 823,127	46 185,533	12,081	11,610	92	89	4 658	3,919	9,504	2,425	1,954
43	40	96 676	3 532,625	42 362,406	11,992	11,521	93	90	3 149	2,453	5,585	2,276	1,805
44	41	96 461	3 263,665	38 829,782	11,898	11,427	94	91	2 028	1,463	3,131	2,140	1,669
45	42	96 223	3 014,462	35 566,117	11,798	11,327	95	92	1 235	0,825	1,668	2,023	1,552
46	43	95 965	2 783,675	32 551,655	11,694	11,223	96	93	711	0,440	0,843	1,918	1,447
47	44	95 681	2 569,856	29 767,980	11,584	11,112	97	94	385	0,221	0,404	1,830	1,359
48	45	95 368	2 371,703	27 198,124	11,468	10,997	98	95	198	0,105	0,183	1,743	1,272
49	46	95 015	2 187,902	24 826,421	11,347	10,876	99	96	96	0,047	0,078	1,661	1,190
							100	97	43	0,019	0,031	1,600	1,129

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	46	94 736	2 019,886	22 739,392	11,258	10,787
1							51	47	94 320	1 862,047	20 719,507	11,127	10,656
2							52	48	93 860	1 715,717	18 857,460	10,991	10,520
3							53	49	93 343	1 579,878	17 141,743	10,850	10,379
4	0	99 612	73 217,980	976 348,065	13,335	12,864	54	50	92 765	1 453,794	15 561,865	10,704	10,233
5	1	99 313	67 590,660	903 130,085	13,362	12,891	55	51	92 131	1 336,894	14 108,071	10,553	10,082
6	2	99 282	62 564,339	835 539,425	13,355	12,884	56	52	91 416	1 228,270	12 771,176	10,398	9,927
7	3	99 260	57 917,115	772 975,087	13,346	12,875	57	53	90 637	1 127,593	11 542,906	10,237	9,766
8	4	99 240	53 616,401	715 057,971	13,337	12,866	58	54	89 773	1 034,117	10 415,314	10,072	9,601
9	5	99 224	49 636,465	661 441,570	13,326	12,855	59	55	88 835	947,503	9 381,197	9,901	9,430
10	6	99 209	45 952,879	611 805,105	13,314	12,843	60	56	87 789	866,987	8 433,694	9,728	9,257
11	7	99 194	42 542,687	565 852,226	13,301	12,830	61	57	86 656	792,407	7 566,708	9,549	9,078
12	8	99 183	39 386,778	523 309,539	13,286	12,815	62	58	85 416	723,211	6 774,300	9,367	8,896
13	9	99 167	36 463,382	483 922,761	13,271	12,800	63	59	84 060	659,008	6 051,089	9,182	8,711
14	10	99 152	33 757,459	447 459,379	13,255	12,784	64	60	82 586	599,496	5 392,081	8,994	8,523
15	11	99 134	31 251,308	413 701,919	13,238	12,767	65	61	81 001	544,438	4 792,585	8,803	8,332
16	12	99 111	28 929,674	382 450,612	13,220	12,749	66	62	79 312	493,598	4 248,147	8,606	8,135
17	13	99 082	26 778,917	353 520,938	13,201	12,730	67	63	77 503	446,606	3 754,549	8,407	7,936
18	14	99 048	24 786,723	326 742,020	13,182	12,711	68	64	75 587	403,302	3 307,944	8,202	7,731
19	15	99 001	22 939,694	301 955,297	13,163	12,692	69	65	73 553	363,382	2 904,641	7,993	7,522
20	16	98 949	21 229,428	279 015,603	13,143	12,672	70	66	71 426	326,732	2 541,259	7,778	7,307
21	17	98 896	19 646,255	257 786,175	13,121	12,650	71	67	69 206	293,130	2 214,527	7,555	7,084
22	18	98 843	18 181,262	238 139,920	13,098	12,627	72	68	66 849	262,171	1 921,397	7,329	6,858
23	19	98 786	16 824,713	219 958,658	13,074	12,603	73	69	64 428	233,959	1 659,226	7,092	6,621
24	20	98 728	15 569,332	203 133,945	13,047	12,576	74	70	61 848	207,954	1 425,267	6,854	6,383
25	21	98 667	14 407,086	187 564,613	13,019	12,548	75	71	59 167	184,204	1 217,313	6,609	6,137
26	22	98 606	13 331,739	173 157,526	12,988	12,517	76	72	56 352	162,444	1 033,109	6,360	5,889
27	23	98 546	12 336,693	159 825,788	12,955	12,484	77	73	53 431	142,615	870,665	6,105	5,634
28	24	98 486	11 415,859	147 489,095	12,920	12,449	78	74	50 422	124,613	728,051	5,842	5,371
29	25	98 424	10 563,615	136 073,236	12,881	12,410	79	75	47 290	108,217	603,438	5,576	5,105
30	26	98 356	9 774,399	125 509,621	12,841	12,370	80	76	44 046	93,328	495,220	5,306	4,835
31	27	98 287	9 043,978	115 735,222	12,797	12,326	81	77	40 668	79,787	401,893	5,037	4,566
32	28	98 210	8 367,494	106 691,244	12,751	12,280	82	78	37 226	67,623	322,106	4,763	4,292
33	29	98 127	7 741,104	98 323,750	12,702	12,230	83	79	33 700	56,683	254,484	4,490	4,019
34	30	98 034	7 160,896	90 582,646	12,650	12,179	84	80	30 081	46,849	197,801	4,222	3,751
35	31	97 937	6 623,926	83 421,749	12,594	12,123	85	81	26 421	38,100	150,952	3,962	3,491
36	32	97 832	6 126,661	76 797,823	12,535	12,064	86	82	22 769	30,402	112,852	3,712	3,241
37	33	97 712	5 665,921	70 671,162	12,473	12,002	87	83	19 211	23,751	82,450	3,471	3,000
38	34	97 581	5 239,154	65 005,242	12,408	11,937	88	84	15 808	18,097	58,699	3,244	2,773
39	35	97 444	4 844,289	59 766,088	12,337	11,866	89	85	12 628	13,385	40,602	3,033	2,562
40	36	97 286	4 478,182	54 921,798	12,264	11,793	90	86	9 765	9,584	27,217	2,840	2,369
41	37	97 120	4 139,358	50 443,616	12,186	11,715	91	87	7 295	6,629	17,633	2,660	2,189
42	38	96 930	3 825,246	46 304,258	12,105	11,634	92	88	5 253	4,420	11,004	2,490	2,019
43	39	96 739	3 534,925	42 479,011	12,017	11,546	93	89	3 615	2,816	6,584	2,338	1,867
44	40	96 522	3 265,733	38 944,087	11,925	11,454	94	90	2 378	1,715	3,768	2,197	1,726
45	41	96 294	3 016,673	35 678,354	11,827	11,356	95	91	1 481	0,989	2,053	2,076	1,605
46	42	96 042	2 785,923	32 661,681	11,724	11,253	96	92	876	0,542	1,064	1,964	1,493
47	43	95 767	2 572,160	29 875,759	11,615	11,144	97	93	487	0,279	0,522	1,871	1,400
48	44	95 458	2 373,948	27 303,599	11,501	11,030	98	94	257	0,136	0,243	1,783	1,312
49	45	95 117	2 190,258	24 929,651	11,382	10,911	99	95	128	0,063	0,107	1,695	1,224
							100	96	59	0,027	0,044	1,624	1,153

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	45	94 838	2 022,061	22 831,644	11,291	10,820
1							51	46	94 431	1 864,255	20 809,583	11,162	10,691
2							52	47	93 982	1 717,949	18 945,328	11,028	10,557
3							53	48	93 485	1 582,278	17 227,379	10,888	10,417
4							54	49	92 922	1 456,247	15 645,101	10,743	10,272
5	0	99 601	67 786,690	903 533,619	13,329	12,858	55	50	92 301	1 339,364	14 188,854	10,594	10,123
6	1	99 304	62 578,257	835 746,928	13,355	12,884	56	51	91 607	1 230,826	12 849,490	10,440	9,969
7	2	99 273	57 924,727	773 168,672	13,348	12,877	57	52	90 837	1 130,084	11 618,664	10,281	9,810
8	3	99 250	53 621,747	715 243,945	13,339	12,868	58	53	89 996	1 036,686	10 488,581	10,117	9,646
9	4	99 233	49 641,035	661 622,198	13,328	12,857	59	54	89 080	950,120	9 451,895	9,948	9,477
10	5	99 216	45 956,001	611 981,163	13,317	12,846	60	55	88 063	869,694	8 501,775	9,776	9,305
11	6	99 201	42 545,793	566 025,162	13,304	12,833	61	56	86 950	795,096	7 632,081	9,599	9,128
12	7	99 187	39 388,654	523 479,368	13,290	12,819	62	57	85 738	725,938	6 836,986	9,418	8,947
13	8	99 174	36 466,010	484 090,714	13,275	12,804	63	58	84 412	661,770	6 111,047	9,234	8,763
14	9	99 157	33 759,254	447 624,704	13,259	12,788	64	59	82 971	602,287	5 449,278	9,048	8,577
15	10	99 140	31 253,045	413 865,450	13,242	12,771	65	60	81 419	547,244	4 846,990	8,857	8,386
16	11	99 119	28 931,899	382 612,405	13,225	12,754	66	61	79 758	496,370	4 299,746	8,662	8,191
17	12	99 089	26 780,610	353 680,506	13,207	12,736	67	62	77 980	449,357	3 803,376	8,464	7,993
18	13	99 056	24 788,682	326 899,896	13,187	12,716	68	63	76 101	406,047	3 354,019	8,260	7,789
19	14	99 010	22 941,810	302 111,214	13,169	12,698	69	64	74 102	366,095	2 947,972	8,052	7,581
20	15	98 961	21 231,886	279 169,403	13,149	12,678	70	65	72 003	329,371	2 581,877	7,839	7,368
21	16	98 909	19 648,767	257 937,517	13,127	12,656	71	66	69 818	295,719	2 252,506	7,617	7,146
22	17	98 856	18 183,619	238 288,750	13,105	12,634	72	67	67 481	264,648	1 956,786	7,394	6,923
23	18	98 802	16 827,444	220 105,130	13,080	12,609	73	68	65 092	236,371	1 692,139	7,159	6,688
24	19	98 744	15 571,892	203 277,686	13,054	12,583	74	69	62 570	210,383	1 455,768	6,920	6,449
25	20	98 683	14 409,445	187 705,794	13,027	12,556	75	70	59 919	186,546	1 245,385	6,676	6,205
26	21	98 623	13 334,003	173 296,349	12,997	12,526	76	71	57 141	164,720	1 058,839	6,428	5,957
27	22	98 563	12 338,763	159 962,346	12,964	12,493	77	72	54 242	144,779	894,120	6,176	5,705
28	23	98 502	11 417,726	147 623,583	12,929	12,458	78	73	51 280	126,734	749,341	5,913	5,442
29	24	98 440	10 565,351	136 205,857	12,892	12,421	79	74	48 167	110,222	622,607	5,649	5,178
30	25	98 376	9 776,300	125 640,507	12,852	12,380	80	75	44 951	95,244	512,385	5,380	4,909
31	26	98 304	9 045,590	115 864,207	12,809	12,338	81	76	41 589	81,594	417,141	5,112	4,641
32	27	98 231	8 369,250	106 818,617	12,763	12,292	82	77	38 138	69,281	335,547	4,843	4,372
33	28	98 150	7 742,947	98 449,367	12,715	12,244	83	78	34 642	58,268	266,266	4,570	4,099
34	29	98 058	7 162,664	90 706,420	12,664	12,193	84	79	31 037	48,338	207,998	4,303	3,832
35	30	97 965	6 625,800	83 543,756	12,609	12,138	85	80	27 386	39,493	159,660	4,043	3,572
36	31	97 863	6 128,634	76 917,957	12,551	12,080	86	81	23 728	31,683	120,167	3,793	3,322
37	32	97 745	5 667,825	70 789,322	12,490	12,019	87	82	20 158	24,922	88,484	3,550	3,079
38	33	97 615	5 240,989	65 121,498	12,425	11,954	88	83	16 732	19,154	63,562	3,319	2,847
39	34	97 482	4 846,140	59 880,508	12,356	11,885	89	84	13 489	14,297	44,408	3,106	2,635
40	35	97 332	4 480,274	55 034,369	12,284	11,813	90	85	10 542	10,347	30,111	2,910	2,439
41	36	97 166	4 141,333	50 554,095	12,207	11,736	91	86	7 975	7,247	19,764	2,727	2,256
42	37	96 979	3 827,179	46 412,761	12,127	11,656	92	87	5 831	4,906	12,517	2,551	2,080
43	38	96 793	3 536,885	42 585,582	12,040	11,569	93	88	4 077	3,176	7,611	2,397	1,925
44	39	96 585	3 267,859	39 048,698	11,949	11,478	94	89	2 729	1,969	4,435	2,253	1,782
45	40	96 355	3 018,584	35 780,839	11,854	11,382	95	90	1 736	1,160	2,467	2,127	1,656
46	41	96 113	2 787,966	32 762,255	11,751	11,280	96	91	1 050	0,649	1,307	2,013	1,542
47	42	95 844	2 574,237	29 974,289	11,644	11,173	97	92	600	0,344	0,658	1,913	1,442
48	43	95 543	2 376,077	27 400,052	11,532	11,061	98	93	325	0,172	0,314	1,821	1,350
49	44	95 207	2 192,332	25 023,976	11,414	10,943	99	94	167	0,082	0,142	1,732	1,260
							100	95	79	0,036	0,060	1,656	1,185

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	44	94 928	2 023,975	22 915,893	11,322	10,851
1							51	45	94 533	1 866,262	20 891,918	11,195	10,723
2							52	46	94 094	1 719,986	19 025,656	11,062	10,590
3							53	47	93 607	1 584,337	17 305,670	10,923	10,452
4							54	48	93 063	1 458,459	15 721,333	10,779	10,308
5							55	49	92 456	1 341,623	14 262,873	10,631	10,160
6	0	99 592	62 759,750	836 117,405	13,323	12,851	56	50	91 776	1 233,100	12 921,250	10,479	10,008
7	1	99 295	57 937,613	773 357,655	13,348	12,877	57	51	91 026	1 132,435	11 688,150	10,321	9,850
8	2	99 263	53 628,794	715 420,042	13,340	12,869	58	52	90 195	1 038,976	10 555,715	10,160	9,689
9	3	99 243	49 645,985	661 791,248	13,330	12,859	59	53	89 301	952,480	9 516,739	9,992	9,520
10	4	99 225	45 960,232	612 145,264	13,319	12,848	60	54	88 306	872,096	8 564,258	9,820	9,349
11	5	99 208	42 548,684	566 185,032	13,307	12,836	61	55	87 221	797,578	7 692,163	9,644	9,173
12	6	99 195	39 391,530	523 636,348	13,293	12,822	62	56	86 029	728,401	6 894,585	9,465	8,994
13	7	99 179	36 467,747	484 244,817	13,279	12,808	63	57	84 730	664,265	6 166,183	9,283	8,812
14	8	99 165	33 761,687	447 777,070	13,263	12,792	64	58	83 318	604,812	5 501,918	9,097	8,626
15	9	99 145	31 254,707	414 015,383	13,246	12,775	65	59	81 798	549,792	4 897,107	8,907	8,436
16	10	99 125	28 933,507	382 760,677	13,229	12,758	66	60	80 169	498,928	4 347,315	8,713	8,242
17	11	99 096	26 782,669	353 827,169	13,211	12,740	67	61	78 418	451,881	3 848,387	8,516	8,045
18	12	99 062	24 790,249	327 044,500	13,192	12,721	68	62	76 570	408,548	3 396,506	8,314	7,843
19	13	99 018	22 943,624	302 254,251	13,174	12,703	69	63	74 607	368,586	2 987,957	8,107	7,635
20	14	98 970	21 233,845	279 310,627	13,154	12,683	70	64	72 540	331,830	2 619,371	7,894	7,423
21	15	98 920	19 651,042	258 076,781	13,133	12,662	71	65	70 382	298,108	2 287,541	7,674	7,202
22	16	98 869	18 185,944	238 425,739	13,110	12,639	72	66	68 077	266,986	1 989,432	7,451	6,980
23	17	98 815	16 829,626	220 239,795	13,086	12,615	73	67	65 707	238,604	1 722,447	7,219	6,748
24	18	98 760	15 574,420	203 410,169	13,061	12,589	74	68	63 215	212,552	1 483,843	6,981	6,510
25	19	98 699	14 411,814	187 835,749	13,033	12,562	75	69	60 619	188,725	1 271,291	6,736	6,265
26	20	98 639	13 336,186	173 423,935	13,004	12,533	76	70	57 868	166,813	1 082,566	6,490	6,019
27	21	98 580	12 340,858	160 087,749	12,972	12,501	77	71	55 002	146,807	915,753	6,238	5,767
28	22	98 518	11 419,642	147 746,891	12,938	12,467	78	72	52 058	128,657	768,946	5,977	5,506
29	23	98 456	10 567,079	136 327,249	12,901	12,430	79	73	48 986	112,098	640,289	5,712	5,241
30	24	98 392	9 777,906	125 760,170	12,862	12,391	80	74	45 784	97,009	528,191	5,445	4,974
31	25	98 324	9 047,349	115 982,264	12,819	12,348	81	75	42 443	83,269	431,182	5,178	4,707
32	26	98 248	8 370,742	106 934,915	12,775	12,304	82	76	39 002	70,850	347,913	4,911	4,439
33	27	98 171	7 744,571	98 564,173	12,727	12,256	83	77	35 492	59,697	277,062	4,641	4,170
34	28	98 081	7 164,369	90 819,602	12,677	12,206	84	78	31 905	49,690	217,365	4,374	3,903
35	29	97 989	6 627,435	83 655,233	12,623	12,152	85	79	28 257	40,748	167,675	4,115	3,644
36	30	97 891	6 130,368	77 027,798	12,565	12,094	86	80	24 595	32,841	126,927	3,865	3,394
37	31	97 777	5 669,650	70 897,430	12,505	12,034	87	81	21 007	25,972	94,087	3,623	3,152
38	32	97 648	5 242,751	65 227,780	12,442	11,970	88	82	17 557	20,099	68,115	3,389	2,918
39	33	97 516	4 847,837	59 985,029	12,374	11,903	89	83	14 277	15,133	48,016	3,173	2,702
40	34	97 369	4 481,985	55 137,192	12,302	11,831	90	84	11 261	11,052	32,883	2,975	2,504
41	35	97 211	4 143,268	50 655,207	12,226	11,755	91	85	8 609	7,823	21,832	2,791	2,320
42	36	97 025	3 829,005	46 511,939	12,147	11,676	92	86	6 374	5,363	14,008	2,612	2,141
43	37	96 842	3 538,671	42 682,934	12,062	11,591	93	87	4 525	3,525	8,645	2,452	1,981
44	38	96 638	3 269,671	39 144,262	11,972	11,501	94	88	3 078	2,220	5,120	2,306	1,835
45	39	96 417	3 020,549	35 874,592	11,877	11,406	95	89	1 993	1,331	2,899	2,178	1,707
46	40	96 173	2 789,732	32 854,043	11,777	11,306	96	90	1 231	0,761	1,568	2,060	1,589
47	41	95 914	2 576,125	30 064,310	11,670	11,199	97	91	720	0,412	0,807	1,958	1,487
48	42	95 621	2 377,995	27 488,185	11,559	11,088	98	92	400	0,212	0,395	1,860	1,389
49	43	95 293	2 194,297	25 110,190	11,443	10,972	99	93	211	0,103	0,183	1,766	1,295
							100	94	103	0,047	0,079	1,690	1,219

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	43	95 013	2 025,790	22 992,865	11,350	10,879
1							51	44	94 623	1 868,029	20 967,075	11,224	10,753
2							52	45	94 195	1 721,838	19 099,046	11,092	10,621
3							53	46	93 718	1 586,215	17 377,208	10,955	10,484
4							54	47	93 184	1 460,357	15 790,993	10,813	10,342
5							55	48	92 597	1 343,662	14 330,636	10,665	10,194
6							56	49	91 931	1 235,180	12 986,974	10,514	10,043
7	0	99 583	58 105,647	773 697,764	13,315	12,844	57	50	91 195	1 134,527	11 751,794	10,358	9,887
8	1	99 285	53 640,725	715 592,117	13,340	12,869	58	51	90 383	1 041,138	10 617,267	10,198	9,727
9	2	99 256	49 652,509	661 951,392	13,332	12,861	59	52	89 499	954,585	9 576,129	10,032	9,561
10	3	99 235	45 964,814	612 298,883	13,321	12,850	60	53	88 525	874,263	8 621,544	9,862	9,390
11	4	99 217	42 552,601	566 334,068	13,309	12,838	61	54	87 462	799,781	7 747,282	9,687	9,216
12	5	99 201	39 394,207	523 781,467	13,296	12,825	62	55	86 297	730,675	6 947,501	9,508	9,037
13	6	99 186	36 470,410	484 387,260	13,282	12,811	63	56	85 018	666,519	6 216,825	9,327	8,856
14	7	99 169	33 763,295	447 916,850	13,266	12,795	64	57	83 632	607,092	5 550,307	9,142	8,671
15	8	99 152	31 256,959	414 153,555	13,250	12,779	65	58	82 141	552,096	4 943,214	8,954	8,482
16	9	99 130	28 935,045	382 896,596	13,233	12,762	66	59	80 542	501,251	4 391,118	8,760	8,289
17	10	99 102	26 784,158	353 961,550	13,215	12,744	67	60	78 822	454,210	3 889,867	8,564	8,093
18	11	99 070	24 792,156	327 177,392	13,197	12,726	68	61	77 000	410,844	3 435,657	8,362	7,891
19	12	99 024	22 945,074	302 385,236	13,179	12,708	69	62	75 066	370,857	3 024,814	8,156	7,685
20	13	98 978	21 235,524	279 440,162	13,159	12,688	70	63	73 034	334,088	2 653,957	7,944	7,473
21	14	98 929	19 652,855	258 204,639	13,138	12,667	71	64	70 907	300,333	2 319,869	7,724	7,253
22	15	98 880	18 188,050	238 551,784	13,116	12,645	72	65	68 627	269,143	2 019,535	7,504	7,033
23	16	98 827	16 831,778	220 363,733	13,092	12,621	73	66	66 287	240,712	1 750,392	7,272	6,801
24	17	98 773	15 576,439	203 531,955	13,067	12,596	74	67	63 813	214,560	1 509,681	7,036	6,565
25	18	98 715	14 414,153	187 955,516	13,040	12,569	75	68	61 244	190,670	1 295,121	6,792	6,321
26	19	98 655	13 338,378	173 541,363	13,011	12,540	76	69	58 544	168,762	1 104,451	6,544	6,073
27	20	98 596	12 342,879	160 202,985	12,979	12,508	77	70	55 701	148,673	935,689	6,294	5,823
28	21	98 535	11 421,582	147 860,106	12,946	12,475	78	71	52 787	130,459	787,016	6,033	5,562
29	22	98 473	10 568,852	136 438,524	12,909	12,438	79	72	49 730	113,800	656,557	5,769	5,298
30	23	98 408	9 779,505	125 869,672	12,871	12,400	80	73	46 563	98,660	542,757	5,501	5,030
31	24	98 340	9 048,835	116 090,167	12,829	12,358	81	74	43 230	84,812	444,097	5,236	4,765
32	25	98 267	8 372,369	107 041,331	12,785	12,314	82	75	39 803	72,305	359,285	4,969	4,498
33	26	98 188	7 745,952	98 668,962	12,738	12,267	83	76	36 296	61,049	286,980	4,701	4,230
34	27	98 102	7 165,872	90 923,010	12,688	12,217	84	77	32 688	50,909	225,931	4,438	3,967
35	28	98 012	6 629,013	83 757,138	12,635	12,164	85	78	29 047	41,888	175,022	4,178	3,707
36	29	97 915	6 131,881	77 128,125	12,578	12,107	86	79	25 377	33,885	133,134	3,929	3,458
37	30	97 804	5 671,254	70 996,244	12,519	12,048	87	80	21 775	26,921	99,250	3,687	3,216
38	31	97 679	5 244,439	65 324,990	12,456	11,985	88	81	18 297	20,945	72,329	3,453	2,982
39	32	97 548	4 849,466	60 080,551	12,389	11,918	89	82	14 981	15,879	51,384	3,236	2,765
40	33	97 403	4 483,555	55 231,084	12,319	11,848	90	83	11 918	11,697	35,504	3,035	2,564
41	34	97 248	4 144,850	50 747,529	12,244	11,772	91	84	9 196	8,356	23,807	2,849	2,378
42	35	97 070	3 830,794	46 602,679	12,165	11,694	92	85	6 881	5,790	15,451	2,668	2,197
43	36	96 888	3 540,360	42 771,885	12,081	11,610	93	86	4 947	3,854	9,661	2,507	2,036
44	37	96 687	3 271,322	39 231,525	11,993	11,522	94	87	3 417	2,465	5,807	2,356	1,885
45	38	96 471	3 022,224	35 960,203	11,899	11,428	95	88	2 247	1,501	3,342	2,227	1,755
46	39	96 236	2 791,549	32 937,979	11,799	11,328	96	89	1 413	0,874	1,841	2,107	1,636
47	40	95 975	2 577,757	30 146,431	11,695	11,224	97	90	844	0,483	0,967	2,002	1,531
48	41	95 691	2 379,739	27 568,674	11,585	11,114	98	91	480	0,255	0,484	1,902	1,431
49	42	95 370	2 196,069	25 188,934	11,470	10,999	99	92	259	0,127	0,229	1,802	1,331
							100	93	130	0,059	0,102	1,721	1,250

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	42	95 090	2 027,426	23 063,142	11,376	10,905
1							51	43	94 707	1 869,704	21 035,716	11,251	10,780
2							52	44	94 284	1 723,468	19 166,013	11,121	10,650
3							53	45	93 819	1 587,924	17 442,545	10,984	10,513
4							54	46	93 295	1 462,088	15 854,621	10,844	10,373
5							55	47	92 717	1 345,410	14 392,533	10,698	10,226
6							56	48	92 070	1 237,056	13 047,122	10,547	10,076
7							57	49	91 348	1 136,441	11 810,066	10,392	9,921
8	0	99 573	53 796,297	715 904,332	13,308	12,837	58	50	90 550	1 043,062	10 673,625	10,233	9,762
9	1	99 278	49 663,555	662 108,036	13,332	12,861	59	51	89 685	956,571	9 630,563	10,068	9,597
10	2	99 248	45 970,855	612 444,481	13,322	12,851	60	52	88 721	876,194	8 673,992	9,900	9,429
11	3	99 227	42 556,844	566 473,625	13,311	12,840	61	53	87 679	801,768	7 797,798	9,726	9,255
12	4	99 210	39 397,834	523 916,781	13,298	12,827	62	54	86 536	732,693	6 996,030	9,548	9,077
13	5	99 193	36 472,888	484 518,948	13,284	12,813	63	55	85 283	668,600	6 263,337	9,368	8,897
14	6	99 177	33 765,760	448 046,059	13,269	12,798	64	56	83 916	609,152	5 594,737	9,184	8,713
15	7	99 157	31 258,448	414 280,299	13,253	12,782	65	57	82 450	554,178	4 985,585	8,996	8,525
16	8	99 137	28 937,131	383 021,851	13,236	12,765	66	58	80 880	503,352	4 431,407	8,804	8,333
17	9	99 107	26 785,582	354 084,720	13,219	12,748	67	59	79 189	456,325	3 928,055	8,608	8,137
18	10	99 075	24 793,534	327 299,138	13,201	12,730	68	60	77 397	412,961	3 471,731	8,407	7,936
19	11	99 032	22 946,839	302 505,604	13,183	12,712	69	61	75 488	372,940	3 058,770	8,202	7,731
20	12	98 984	21 236,866	279 558,765	13,164	12,693	70	62	73 484	336,146	2 685,830	7,990	7,519
21	13	98 937	19 654,408	258 321,899	13,143	12,672	71	63	71 390	302,378	2 349,684	7,771	7,300
22	14	98 889	18 189,728	238 667,491	13,121	12,650	72	64	69 139	271,152	2 047,306	7,550	7,079
23	15	98 839	16 833,727	220 477,763	13,097	12,626	73	65	66 823	242,656	1 776,154	7,320	6,849
24	16	98 786	15 578,431	203 644,036	13,072	12,601	74	66	64 376	216,455	1 533,498	7,085	6,614
25	17	98 728	14 416,023	188 065,605	13,046	12,575	75	67	61 823	192,471	1 317,043	6,843	6,372
26	18	98 671	13 340,544	173 649,582	13,017	12,546	76	68	59 147	170,502	1 124,571	6,596	6,125
27	19	98 612	12 344,908	160 309,039	12,986	12,515	77	69	56 351	150,410	954,070	6,343	5,872
28	20	98 551	11 423,451	147 964,131	12,953	12,482	78	70	53 458	132,118	803,660	6,083	5,612
29	21	98 490	10 570,647	136 540,680	12,917	12,446	79	71	50 426	115,394	671,542	5,820	5,349
30	22	98 424	9 781,146	125 970,033	12,879	12,408	80	72	47 270	100,157	556,149	5,553	5,082
31	23	98 356	9 050,316	116 188,886	12,838	12,367	81	73	43 965	86,256	455,992	5,287	4,815
32	24	98 283	8 373,745	107 138,571	12,795	12,324	82	74	40 541	73,645	369,736	5,021	4,549
33	25	98 207	7 747,458	98 764,826	12,748	12,277	83	75	37 041	62,303	296,091	4,752	4,281
34	26	98 119	7 167,149	91 017,367	12,699	12,228	84	76	33 428	52,062	233,788	4,491	4,020
35	27	98 033	6 630,404	83 850,218	12,646	12,175	85	77	29 760	42,915	181,727	4,235	3,764
36	28	97 938	6 133,341	77 219,815	12,590	12,119	86	78	26 087	34,832	138,812	3,985	3,514
37	29	97 828	5 672,654	71 086,474	12,531	12,060	87	79	22 467	27,777	103,979	3,743	3,272
38	30	97 707	5 245,923	65 413,820	12,469	11,998	88	80	18 965	21,711	76,202	3,510	3,039
39	31	97 580	4 851,028	60 167,897	12,403	11,932	89	81	15 612	16,548	54,492	3,293	2,822
40	32	97 436	4 485,062	55 316,869	12,334	11,863	90	82	12 506	12,274	37,944	3,091	2,620
41	33	97 283	4 146,303	50 831,807	12,260	11,789	91	83	9 733	8,845	25,670	2,902	2,431
42	34	97 107	3 832,257	46 685,504	12,182	11,711	92	84	7 350	6,185	16,825	2,720	2,249
43	35	96 933	3 542,013	42 853,247	12,099	11,628	93	85	5 340	4,161	10,641	2,557	2,086
44	36	96 733	3 272,883	39 311,234	12,011	11,540	94	86	3 735	2,694	6,480	2,405	1,934
45	37	96 519	3 023,750	36 038,351	11,918	11,447	95	87	2 494	1,666	3,786	2,272	1,801
46	38	96 289	2 793,096	33 014,600	11,820	11,349	96	88	1 593	0,986	2,119	2,151	1,679
47	39	96 038	2 579,435	30 221,504	11,716	11,245	97	89	968	0,555	1,134	2,044	1,573
48	40	95 751	2 381,247	27 642,069	11,608	11,137	98	90	563	0,298	0,579	1,941	1,470
49	41	95 440	2 197,680	25 260,822	11,494	11,023	99	91	311	0,153	0,281	1,839	1,368
							100	92	161	0,073	0,128	1,754	1,283

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	41	95 159	2 028,913	23 127,279	11,399	10,928
							51	42	94 784	1 871,214	21 098,367	11,275	10,804
							52	43	94 369	1 725,013	19 227,153	11,146	10,675
							53	44	93 907	1 589,427	17 502,140	11,012	10,541
							54	45	93 395	1 463,663	15 912,713	10,872	10,401
							55	46	92 827	1 347,005	14 449,050	10,727	10,256
							56	47	92 190	1 238,666	13 102,045	10,578	10,107
							57	48	91 487	1 138,168	11 863,379	10,423	9,952
							58	49	90 703	1 044,821	10 725,211	10,265	9,794
	0	99 566	49 807,592	662 394,642	13,299	12,828	59	50	89 850	958,338	9 680,390	10,101	9,630
	1	99 270	45 981,082	612 587,050	13,323	12,852	60	51	88 905	878,017	8 722,052	9,934	9,463
	2	99 240	42 562,437	566 605,968	13,312	12,841	61	52	87 873	803,540	7 844,035	9,762	9,291
	3	99 220	39 401,762	524 043,531	13,300	12,829	62	53	86 751	734,514	7 040,495	9,585	9,114
	4	99 202	36 476,246	484 641,769	13,287	12,815	63	54	85 519	670,446	6 305,981	9,406	8,935
	5	99 183	33 768,055	448 165,523	13,272	12,801	64	55	84 178	611,054	5 635,535	9,223	8,752
	6	99 164	31 260,731	414 397,468	13,256	12,785	65	56	82 730	556,058	5 024,481	9,036	8,565
	7	99 142	28 938,509	383 136,738	13,240	12,769	66	57	81 185	505,250	4 468,423	8,844	8,373
	8	99 114	26 787,513	354 198,228	13,223	12,751	67	58	79 521	458,237	3 963,173	8,649	8,178
	9	99 081	24 794,852	327 410,716	13,205	12,734	68	59	77 757	414,883	3 504,936	8,448	7,977
	10	99 037	22 948,114	302 615,864	13,187	12,716	69	60	75 877	374,862	3 090,053	8,243	7,772
	11	98 992	21 238,499	279 667,749	13,168	12,697	70	61	73 897	338,035	2 715,191	8,032	7,561
	12	98 943	19 655,651	258 429,250	13,148	12,677	71	62	71 830	304,240	2 377,156	7,813	7,342
	13	98 897	18 191,166	238 773,599	13,126	12,655	72	63	69 610	272,997	2 072,916	7,593	7,122
	14	98 848	16 835,280	220 582,434	13,102	12,631	73	64	67 322	244,467	1 799,919	7,363	6,892
	15	98 797	15 580,235	203 747,154	13,077	12,606	74	65	64 896	218,204	1 555,451	7,128	6,657
	16	98 740	14 417,866	188 166,919	13,051	12,580	75	66	62 369	194,172	1 337,247	6,887	6,416
	17	98 684	13 342,273	173 749,053	13,022	12,551	76	67	59 706	172,112	1 143,075	6,641	6,170
	18	98 628	12 346,912	160 406,780	12,992	12,521	77	68	56 932	151,960	970,963	6,390	5,919
	19	98 568	11 425,329	148 059,868	12,959	12,488	78	69	54 083	133,661	819,003	6,127	5,656
	20	98 506	10 572,378	136 634,539	12,924	12,453	79	70	51 067	116,860	685,342	5,865	5,394
	21	98 441	9 782,808	126 062,161	12,886	12,415	80	71	47 932	101,560	568,482	5,597	5,126
	22	98 372	9 051,834	116 279,353	12,846	12,375	81	72	44 633	87,564	466,922	5,332	4,861
	23	98 299	8 375,115	107 227,519	12,803	12,332	82	73	41 231	74,899	379,357	5,065	4,594
	24	98 223	7 748,731	98 852,404	12,757	12,286	83	74	37 727	63,457	304,459	4,798	4,327
	25	98 138	7 168,543	91 103,673	12,709	12,238	84	75	34 115	53,131	241,001	4,536	4,065
	26	98 050	6 631,586	83 935,130	12,657	12,186	85	76	30 434	43,887	187,871	4,281	3,810
	27	97 959	6 134,628	77 303,545	12,601	12,130	86	77	26 727	35,687	143,984	4,035	3,564
	28	97 852	5 674,004	71 168,917	12,543	12,072	87	78	23 096	28,554	108,297	3,793	3,322
	29	97 731	5 247,218	65 494,913	12,482	12,011	88	79	19 568	22,401	79,743	3,560	3,089
	30	97 607	4 852,401	60 247,695	12,416	11,945	89	80	16 183	17,153	57,343	3,343	2,872
	31	97 467	4 486,507	55 395,295	12,347	11,876	90	81	13 033	12,791	40,190	3,142	2,671
	32	97 315	4 147,696	50 908,788	12,274	11,803	91	82	10 213	9,281	27,399	2,952	2,481
	33	97 141	3 833,599	46 761,092	12,198	11,727	92	83	7 780	6,546	18,118	2,768	2,297
	34	96 970	3 543,366	42 927,493	12,115	11,644	93	84	5 704	4,444	11,572	2,604	2,133
	35	96 778	3 274,412	39 384,127	12,028	11,557	94	85	4 032	2,909	7,128	2,450	1,979
	36	96 566	3 025,193	36 109,715	11,936	11,465	95	86	2 727	1,821	4,219	2,316	1,845
	37	96 338	2 794,507	33 084,522	11,839	11,368	96	87	1 769	1,094	2,398	2,192	1,721
	38	96 091	2 580,866	30 290,014	11,736	11,265	97	88	1 092	0,625	1,304	2,084	1,613
	39	95 814	2 382,797	27 709,149	11,629	11,158	98	89	646	0,343	0,678	1,980	1,509
	40	95 500	2 199,072	25 326,351	11,517	11,046	99	90	365	0,179	0,336	1,875	1,404
							100	91	193	0,088	0,157	1,789	1,318

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	40	95 220	2 030,198	23 185,726	11,420	10,949
							51	41	94 853	1 872,586	21 155,528	11,297	10,826
							52	42	94 445	1 726,406	19 282,942	11,169	10,698
							53	43	93 992	1 590,852	17 556,536	11,036	10,565
							54	44	93 483	1 465,048	15 965,684	10,898	10,427
							55	45	92 927	1 348,456	14 500,635	10,754	10,282
							56	46	92 299	1 240,134	13 152,180	10,605	10,134
							57	47	91 606	1 139,649	11 912,045	10,452	9,981
							58	48	90 840	1 046,409	10 772,397	10,295	9,824
							59	49	90 002	959,955	9 725,988	10,132	9,661
10	0	99 558	46 114,439	612 850,144	13,290	12,819	60	50	89 070	879,639	8 766,033	9,965	9,494
11	1	99 262	42 571,905	566 735,705	13,312	12,841	61	51	88 056	805,212	7 886,394	9,794	9,323
12	2	99 233	39 406,940	524 163,799	13,301	12,830	62	52	86 942	736,137	7 081,182	9,619	9,148
13	3	99 212	36 479,883	484 756,859	13,288	12,817	63	53	85 731	672,112	6 345,046	9,440	8,969
14	4	99 192	33 771,163	448 276,976	13,274	12,803	64	54	84 411	612,741	5 672,934	9,258	8,787
15	5	99 171	31 262,855	414 505,812	13,259	12,788	65	55	82 989	557,794	5 060,192	9,072	8,601
16	6	99 149	28 940,622	383 242,958	13,242	12,771	66	56	81 460	506,964	4 502,398	8,881	8,410
17	7	99 119	26 788,789	354 302,336	13,226	12,755	67	57	79 821	459,965	3 995,434	8,686	8,215
18	8	99 088	24 796,639	327 513,547	13,208	12,737	68	58	78 083	416,622	3 535,469	8,486	8,015
19	9	99 042	22 949,334	302 716,908	13,191	12,720	69	59	76 230	376,607	3 118,847	8,281	7,810
20	10	98 997	21 239,680	279 767,574	13,172	12,701	70	60	74 277	339,777	2 742,239	8,071	7,600
21	11	98 951	19 657,162	258 527,894	13,152	12,681	71	61	72 233	305,949	2 402,463	7,852	7,381
22	12	98 903	18 192,316	238 870,731	13,130	12,659	72	62	70 038	274,679	2 096,514	7,633	7,162
23	13	98 856	16 836,611	220 678,416	13,107	12,636	73	63	67 780	246,131	1 821,835	7,402	6,931
24	14	98 806	15 581,672	203 841,805	13,082	12,611	74	64	65 381	219,833	1 575,703	7,168	6,697
25	15	98 752	14 419,535	188 260,133	13,056	12,585	75	65	62 873	195,740	1 355,871	6,927	6,456
26	16	98 697	13 343,979	173 840,598	13,028	12,557	76	66	60 233	173,633	1 160,130	6,682	6,210
27	17	98 641	12 348,513	160 496,619	12,997	12,526	77	67	57 470	153,396	986,497	6,431	5,960
28	18	98 584	11 427,184	148 148,106	12,965	12,493	78	68	54 640	135,039	833,102	6,169	5,698
29	19	98 522	10 574,116	136 720,921	12,930	12,459	79	69	51 664	118,225	698,063	5,905	5,433
30	20	98 457	9 784,409	126 146,806	12,893	12,422	80	70	48 541	102,851	579,837	5,638	5,167
31	21	98 389	9 053,372	116 362,397	12,853	12,382	81	71	45 258	88,791	476,986	5,372	4,901
32	22	98 316	8 376,520	107 309,025	12,811	12,340	82	72	41 856	76,035	388,195	5,105	4,634
33	23	98 239	7 749,999	98 932,505	12,765	12,294	83	73	38 369	64,538	312,160	4,837	4,366
34	24	98 154	7 169,721	91 182,506	12,718	12,247	84	74	34 747	54,115	247,623	4,576	4,105
35	25	98 069	6 632,875	84 012,786	12,666	12,195	85	75	31 059	44,788	193,508	4,321	3,849
36	26	97 976	6 135,721	77 379,910	12,611	12,140	86	76	27 332	36,495	148,719	4,075	3,604
37	27	97 872	5 675,194	71 244,189	12,554	12,083	87	77	23 662	29,254	112,224	3,836	3,365
38	28	97 754	5 248,467	65 568,995	12,493	12,022	88	78	20 116	23,027	82,970	3,603	3,132
39	29	97 632	4 853,598	60 320,528	12,428	11,957	89	79	16 697	17,698	59,943	3,387	2,916
40	30	97 495	4 487,776	55 466,930	12,360	11,889	90	80	13 509	13,259	42,245	3,186	2,715
41	31	97 347	4 149,032	50 979,154	12,287	11,816	91	81	10 643	9,672	28,987	2,997	2,526
42	32	97 174	3 834,888	46 830,122	12,212	11,741	92	82	8 163	6,869	19,315	2,812	2,341
43	33	97 004	3 544,608	42 995,235	12,130	11,659	93	83	6 037	4,704	12,446	2,646	2,175
44	34	96 815	3 275,663	39 450,627	12,044	11,573	94	84	4 307	3,107	7,742	2,492	2,021
45	35	96 611	3 026,606	36 174,964	11,952	11,481	95	85	2 944	1,966	4,635	2,357	1,886
46	36	96 384	2 795,840	33 148,358	11,856	11,385	96	86	1 934	1,196	2,669	2,232	1,761
47	37	96 139	2 582,169	30 352,518	11,755	11,284	97	87	1 212	0,694	1,473	2,122	1,651
48	38	95 867	2 384,119	27 770,348	11,648	11,177	98	88	729	0,386	0,779	2,016	1,545
49	39	95 562	2 200,504	25 386,230	11,537	11,066	99	89	419	0,206	0,393	1,910	1,439
							100	90	226	0,103	0,187	1,821	1,350

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
							50	39	95 282	2 031,520	23 239,122	11,439	10,968
							51	40	94 914	1 873,772	21 207,602	11,318	10,847
							52	41	94 514	1 727,672	19 333,829	11,191	10,720
							53	42	94 067	1 592,136	17 606,157	11,058	10,587
							54	43	93 567	1 466,362	16 014,021	10,921	10,450
							55	44	93 015	1 349,732	14 547,659	10,778	10,307
							56	45	92 399	1 241,470	13 197,926	10,631	10,160
							57	46	91 715	1 141,000	11 956,457	10,479	10,008
							58	47	90 959	1 047,770	10 815,457	10,322	9,851
							59	48	90 139	961,413	9 767,687	10,160	9,689
							60	49	89 220	881,123	8 806,274	9,994	9,523
11	0	99 550	42 695,375	566 977,214	13,280	12,809	61	50	88 219	806,699	7 925,150	9,824	9,353
12	1	99 255	39 415,707	524 281,839	13,301	12,830	62	51	87 123	737,669	7 118,451	9,650	9,179
13	2	99 225	36 484,677	484 866,133	13,290	12,819	63	52	85 920	673,597	6 380,783	9,473	9,002
14	3	99 202	33 774,531	448 381,455	13,276	12,805	64	53	84 620	614,264	5 707,186	9,291	8,820
15	4	99 180	31 265,733	414 606,925	13,261	12,790	65	54	83 218	559,335	5 092,922	9,105	8,634
16	5	99 156	28 942,589	383 341,192	13,245	12,774	66	55	81 714	508,547	4 533,587	8,915	8,444
17	6	99 126	26 790,745	354 398,603	13,228	12,757	67	56	80 092	461,526	4 025,040	8,721	8,250
18	7	99 093	24 797,820	327 607,859	13,211	12,740	68	57	78 378	418,193	3 563,514	8,521	8,050
19	8	99 050	22 950,988	302 810,038	13,194	12,723	69	58	76 550	378,186	3 145,321	8,317	7,846
20	9	99 003	21 240,809	279 859,050	13,176	12,704	70	59	74 623	341,359	2 767,136	8,106	7,635
21	10	98 956	19 658,255	258 618,241	13,156	12,685	71	60	72 605	307,526	2 425,777	7,888	7,417
22	11	98 911	18 193,715	238 959,986	13,134	12,663	72	61	70 432	276,222	2 118,251	7,669	7,198
23	12	98 862	16 837,675	220 766,271	13,111	12,640	73	62	68 197	247,647	1 842,030	7,438	6,967
24	13	98 814	15 582,904	203 928,596	13,087	12,616	74	63	65 826	221,329	1 594,382	7,204	6,733
25	14	98 761	14 420,865	188 345,693	13,061	12,590	75	64	63 342	197,202	1 373,053	6,963	6,492
26	15	98 708	13 345,524	173 924,827	13,032	12,561	76	65	60 720	175,036	1 175,852	6,718	6,247
27	16	98 653	12 350,092	160 579,303	13,002	12,531	77	66	57 978	154,751	1 000,816	6,467	5,996
28	17	98 596	11 428,666	148 229,211	12,970	12,499	78	67	55 156	136,314	846,065	6,207	5,736
29	18	98 538	10 575,832	136 800,545	12,935	12,464	79	68	52 197	119,444	709,751	5,942	5,471
30	19	98 473	9 786,018	126 224,713	12,898	12,427	80	69	49 108	104,052	590,306	5,673	5,202
31	20	98 405	9 054,854	116 438,695	12,859	12,388	81	70	45 833	89,920	486,254	5,408	4,937
32	21	98 333	8 377,943	107 383,842	12,817	12,346	82	71	42 443	77,100	396,334	5,141	4,669
33	22	98 256	7 751,299	99 005,899	12,773	12,302	83	72	38 952	65,517	319,234	4,873	4,402
34	23	98 170	7 170,894	91 254,600	12,726	12,255	84	73	35 338	55,036	253,717	4,610	4,139
35	24	98 085	6 633,965	84 083,706	12,675	12,204	85	74	31 634	45,618	198,681	4,355	3,884
36	25	97 995	6 136,914	77 449,741	12,620	12,149	86	75	27 893	37,244	153,063	4,110	3,639
37	26	97 890	5 676,206	71 312,827	12,563	12,092	87	76	24 198	29,917	115,819	3,871	3,400
38	27	97 775	5 249,568	65 636,621	12,503	12,032	88	77	20 609	23,592	85,902	3,641	3,170
39	28	97 655	4 854,754	60 387,053	12,439	11,968	89	78	17 164	18,193	62,310	3,425	2,954
40	29	97 519	4 488,883	55 532,299	12,371	11,900	90	79	13 939	13,680	44,117	3,225	2,754
41	30	97 374	4 150,205	51 043,416	12,299	11,828	91	80	11 032	10,025	30,437	3,036	2,565
42	31	97 205	3 836,123	46 893,210	12,224	11,753	92	81	8 507	7,158	20,412	2,852	2,381
43	32	97 037	3 545,799	43 057,088	12,143	11,672	93	82	6 335	4,936	13,254	2,685	2,214
44	33	96 849	3 276,810	39 511,289	12,058	11,587	94	83	4 559	3,288	8,318	2,529	2,058
45	34	96 648	3 027,762	36 234,479	11,967	11,496	95	84	3 145	2,100	5,029	2,395	1,924
46	35	96 429	2 797,147	33 206,716	11,872	11,401	96	85	2 087	1,291	2,929	2,269	1,798
47	36	96 185	2 583,401	30 409,570	11,771	11,300	97	86	1 325	0,759	1,638	2,158	1,687
48	37	95 915	2 385,323	27 826,168	11,666	11,195	98	87	809	0,429	0,879	2,050	1,579
49	38	95 615	2 201,724	25 440,845	11,555	11,084	99	88	472	0,232	0,450	1,942	1,471
							100	89	259	0,118	0,218	1,854	1,383

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das kürzere Leben nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	38	95 334	2 032,646	23 287,813	11,457	10,986
1							51	39	94 975	1 874,992	21 255,167	11,336	10,865
2							52	40	94 574	1 728,767	19 380,175	11,210	10,739
3							53	41	94 136	1 593,304	17 651,408	11,078	10,607
4							54	42	93 643	1 467,546	16 058,104	10,942	10,471
5							55	43	93 099	1 350,942	14 590,558	10,800	10,329
6							56	44	92 486	1 242,645	13 239,615	10,654	10,183
7							57	45	91 814	1 142,228	11 996,970	10,503	10,032
8							58	46	91 066	1 049,012	10 854,742	10,348	9,877
9							59	47	90 256	962,664	9 805,730	10,186	9,715
10							60	48	89 356	882,462	8 843,065	10,021	9,550
11							61	49	88 368	808,060	7 960,604	9,852	9,380
12	0	99 543	39 530,022	524 503,537	13,268	12,797	62	50	87 284	739,031	7 152,544	9,678	9,207
13	1	99 247	36 492,794	484 973,514	13,290	12,819	63	51	86 099	674,999	6 413,512	9,502	9,030
14	2	99 215	33 778,969	448 480,721	13,277	12,806	64	52	84 807	615,621	5 738,514	9,322	8,850
15	3	99 190	31 268,850	414 701,751	13,262	12,791	65	53	83 425	560,724	5 122,893	9,136	8,665
16	4	99 165	28 945,253	383 432,901	13,247	12,776	66	54	81 940	509,952	4 562,168	8,946	8,475
17	5	99 133	26 792,565	354 487,648	13,231	12,760	67	55	80 342	462,966	4 052,217	8,753	8,282
18	6	99 100	24 799,631	327 695,083	13,214	12,743	68	56	78 644	419,612	3 589,250	8,554	8,083
19	7	99 054	22 952,081	302 895,452	13,197	12,726	69	57	76 838	379,612	3 169,638	8,350	7,879
20	8	99 010	21 242,340	279 943,370	13,179	12,708	70	58	74 936	342,789	2 790,026	8,139	7,668
21	9	98 962	19 659,300	258 701,031	13,159	12,688	71	59	72 943	308,958	2 447,237	7,921	7,450
22	10	98 916	18 194,726	239 041,730	13,138	12,667	72	60	70 795	277,645	2 138,280	7,701	7,230
23	11	98 869	16 838,970	220 847,004	13,115	12,644	73	61	68 581	249,039	1 860,634	7,471	7,000
24	12	98 820	15 583,889	204 008,034	13,091	12,620	74	62	66 231	222,692	1 611,596	7,237	6,766
25	13	98 769	14 422,005	188 424,146	13,065	12,594	75	63	63 773	198,544	1 388,903	6,995	6,524
26	14	98 717	13 346,756	174 002,140	13,037	12,566	76	64	61 173	176,342	1 190,360	6,750	6,279
27	15	98 665	12 351,522	160 655,385	13,007	12,536	77	65	58 446	156,001	1 014,017	6,500	6,029
28	16	98 609	11 430,127	148 303,863	12,975	12,504	78	66	55 644	137,519	858,016	6,239	5,768
29	17	98 551	10 577,204	136 873,736	12,940	12,469	79	67	52 690	120,573	720,498	5,976	5,505
30	18	98 489	9 787,606	126 296,532	12,904	12,433	80	68	49 614	105,125	599,925	5,707	5,236
31	19	98 421	9 056,342	116 508,926	12,865	12,394	81	69	46 368	90,970	494,800	5,439	4,968
32	20	98 349	8 379,314	107 452,584	12,824	12,353	82	70	42 982	78,080	403,830	5,172	4,701
33	21	98 273	7 752,615	99 073,269	12,779	12,308	83	71	39 497	66,435	325,750	4,903	4,432
34	22	98 187	7 172,097	91 320,654	12,733	12,262	84	72	35 874	55,871	259,315	4,641	4,170
35	23	98 102	6 635,050	84 148,557	12,682	12,211	85	73	32 173	46,395	203,444	4,385	3,914
36	24	98 011	6 137,923	77 513,507	12,629	12,158	86	74	28 410	37,934	157,049	4,140	3,669
37	25	97 909	5 677,310	71 375,584	12,572	12,101	87	75	24 695	30,531	119,115	3,901	3,430
38	26	97 792	5 250,504	65 698,274	12,513	12,042	88	76	21 076	24,126	88,584	3,672	3,201
39	27	97 675	4 855,772	60 447,771	12,449	11,978	89	77	17 585	18,639	64,458	3,458	2,987
40	28	97 542	4 489,952	55 591,999	12,381	11,910	90	78	14 329	14,063	45,818	3,258	2,787
41	29	97 398	4 151,230	51 102,047	12,310	11,839	91	79	11 383	10,344	31,756	3,070	2,599
42	30	97 233	3 837,208	46 950,817	12,236	11,765	92	80	8 818	7,420	21,412	2,886	2,415
43	31	97 068	3 546,941	43 113,609	12,155	11,684	93	81	6 602	5,144	13,992	2,720	2,249
44	32	96 882	3 277,911	39 566,668	12,071	11,600	94	82	4 783	3,451	8,849	2,564	2,093
45	33	96 681	3 028,823	36 288,757	11,981	11,510	95	83	3 328	2,223	5,398	2,428	1,957
46	34	96 466	2 798,215	33 259,933	11,886	11,415	96	84	2 230	1,379	3,175	2,302	1,831
47	35	96 230	2 584,608	30 461,719	11,786	11,315	97	85	1 431	0,819	1,796	2,192	1,721
48	36	95 961	2 386,461	27 877,110	11,681	11,210	98	86	884	0,469	0,976	2,083	1,612
49	37	95 663	2 202,836	25 490,649	11,572	11,101	99	87	524	0,257	0,508	1,973	1,502
							100	88	292	0,133	0,250	1,883	1,412

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	37	95 383	2 033,673	23 332,205	11,473	11,002
1							51	38	95 028	1 876,032	21 298,532	11,353	10,882
2							52	39	94 636	1 729,892	19 422,500	11,228	10,757
3							53	40	94 196	1 594,314	17 692,608	11,097	10,626
4							54	41	93 712	1 468,622	16 098,294	10,961	10,490
5							55	42	93 174	1 352,033	14 629,672	10,820	10,349
6							56	43	92 569	1 243,759	13 277,639	10,675	10,204
7							57	44	91 901	1 143,310	12 033,879	10,525	10,054
8							58	45	91 165	1 050,142	10 890,570	10,371	9,900
9							59	46	90 363	963,805	9 840,428	10,210	9,739
10							60	47	89 472	883,610	8 876,622	10,046	9,575
11							61	48	88 502	809,288	7 993,012	9,877	9,406
12							62	49	87 431	740,278	7 183,724	9,704	9,233
13	0	99 535	36 598,632	485 177,023	13,257	12,786	63	50	86 258	676,246	6 443,446	9,528	9,057
14	1	99 237	33 786,484	448 578,391	13,277	12,806	64	51	84 984	616,902	5 767,201	9,349	8,878
15	2	99 203	31 272,960	414 791,907	13,264	12,793	65	52	83 609	561,963	5 150,299	9,165	8,694
16	3	99 175	28 948,139	383 518,947	13,248	12,777	66	53	82 144	511,219	4 588,336	8,975	8,504
17	4	99 142	26 795,032	354 570,808	13,233	12,762	67	54	80 564	464,245	4 077,117	8,782	8,311
18	5	99 107	24 801,316	327 775,776	13,216	12,745	68	55	78 889	420,922	3 612,872	8,583	8,112
19	6	99 062	22 953,757	302 974,460	13,199	12,728	69	56	77 099	380,900	3 191,950	8,380	7,909
20	7	99 014	21 243,352	280 020,703	13,182	12,711	70	57	75 218	344,082	2 811,050	8,170	7,699
21	8	98 969	19 660,717	258 777,351	13,162	12,691	71	58	73 249	310,253	2 466,968	7,951	7,480
22	9	98 922	18 195,693	239 116,634	13,141	12,670	72	59	71 124	278,938	2 156,716	7,732	7,261
23	10	98 875	16 839,906	220 920,941	13,119	12,648	73	60	68 934	250,322	1 877,778	7,501	7,030
24	11	98 828	15 585,087	204 081,035	13,095	12,624	74	61	66 603	223,943	1 627,456	7,267	6,796
25	12	98 775	14 422,917	188 495,948	13,069	12,598	75	62	64 166	199,767	1 403,513	7,026	6,555
26	13	98 725	13 347,811	174 073,031	13,041	12,570	76	63	61 590	177,542	1 203,746	6,780	6,309
27	14	98 674	12 352,661	160 725,220	13,011	12,540	77	64	58 882	157,165	1 026,203	6,529	6,058
28	15	98 620	11 431,451	148 372,559	12,979	12,508	78	65	56 093	138,630	869,038	6,269	5,798
29	16	98 563	10 578,556	136 941,108	12,945	12,474	79	66	53 155	121,638	730,408	6,005	5,534
30	17	98 502	9 788,875	126 362,552	12,909	12,438	80	67	50 083	106,118	608,770	5,737	5,266
31	18	98 437	9 057,812	116 573,677	12,870	12,399	81	68	46 847	91,908	502,652	5,469	4,998
32	19	98 365	8 380,692	107 515,864	12,829	12,358	82	69	43 484	78,992	410,744	5,200	4,729
33	20	98 289	7 753,885	99 135,173	12,785	12,314	83	70	39 999	67,279	331,752	4,931	4,460
34	21	98 204	7 173,315	91 381,288	12,739	12,268	84	71	36 377	56,654	264,473	4,668	4,197
35	22	98 118	6 636,164	84 207,973	12,689	12,218	85	72	32 661	47,099	207,819	4,412	3,941
36	23	98 027	6 138,927	77 571,809	12,636	12,165	86	73	28 894	38,580	160,720	4,166	3,695
37	24	97 925	5 678,243	71 432,883	12,580	12,109	87	74	25 152	31,097	122,140	3,928	3,457
38	25	97 811	5 251,525	65 754,640	12,521	12,050	88	75	21 508	24,622	91,044	3,698	3,227
39	26	97 693	4 856,638	60 503,116	12,458	11,987	89	76	17 983	19,061	66,422	3,485	3,014
40	27	97 563	4 490,894	55 646,478	12,391	11,920	90	77	14 680	14,408	47,361	3,287	2,816
41	28	97 421	4 152,218	51 155,584	12,320	11,849	91	78	11 701	10,633	32,953	3,099	2,628
42	29	97 257	3 838,155	47 003,366	12,246	11,775	92	79	9 098	7,656	22,320	2,916	2,444
43	30	97 095	3 547,944	43 165,211	12,166	11,695	93	80	6 843	5,332	14,664	2,750	2,279
44	31	96 913	3 278,967	39 617,267	12,082	11,611	94	81	4 985	3,596	9,333	2,595	2,124
45	32	96 714	3 029,841	36 338,299	11,993	11,522	95	82	3 492	2,333	5,737	2,459	1,988
46	33	96 500	2 799,195	33 308,458	11,899	11,428	96	83	2 360	1,460	3,404	2,332	1,861
47	34	96 267	2 585,595	30 509,263	11,800	11,329	97	84	1 528	0,875	1,944	2,222	1,751
48	35	96 006	2 387,576	27 923,668	11,695	11,224	98	85	954	0,506	1,069	2,113	1,642
49	36	95 709	2 203,887	25 536,092	11,587	11,116	99	86	573	0,281	0,563	2,002	1,531
							100	87	325	0,148	0,282	1,911	1,440

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	36	95 428	2 034,643	23 372,701	11,487	11,016
1							51	37	95 076	1 876,980	21 338,058	11,368	10,897
2							52	38	94 688	1 730,851	19 461,079	11,244	10,773
3							53	39	94 257	1 595,352	17 730,227	11,114	10,643
4							54	40	93 771	1 469,553	16 134,875	10,979	10,508
5							55	41	93 242	1 353,025	14 665,323	10,839	10,368
6							56	42	92 644	1 244,764	13 312,298	10,695	10,224
7							57	43	91 983	1 144,335	12 067,534	10,545	10,074
8							58	44	91 251	1 051,136	10 923,199	10,392	9,921
9							59	45	90 460	964,843	9 872,063	10,232	9,761
10							60	46	89 578	884,658	8 907,220	10,069	9,598
11							61	47	88 617	810,341	8 022,562	9,900	9,429
12							62	48	87 564	741,403	7 212,222	9,728	9,257
13							63	49	86 404	677,386	6 470,819	9,553	9,082
14	0	99 525	33 884,473	448 765,203	13,244	12,773	64	50	85 141	618,042	5 793,433	9,374	8,903
15	1	99 225	31 279,917	414 880,730	13,263	12,792	65	51	83 783	563,133	5 175,391	9,190	8,719
16	2	99 188	28 951,944	383 600,813	13,250	12,779	66	52	82 325	512,348	4 612,258	9,002	8,531
17	3	99 152	26 797,703	354 648,870	13,234	12,763	67	53	80 764	465,399	4 099,910	8,809	8,338
18	4	99 116	24 803,599	327 851,166	13,218	12,747	68	54	79 107	422,085	3 634,511	8,611	8,140
19	5	99 068	22 955,317	303 047,567	13,202	12,731	69	55	77 340	382,089	3 212,427	8,408	7,936
20	6	99 022	21 244,903	280 092,250	13,184	12,713	70	56	75 474	345,249	2 830,338	8,198	7,727
21	7	98 973	19 661,654	258 847,347	13,165	12,694	71	57	73 525	311,422	2 485,089	7,980	7,509
22	8	98 929	18 197,005	239 185,694	13,144	12,673	72	58	71 422	280,107	2 173,666	7,760	7,289
23	9	98 880	16 840,801	220 988,689	13,122	12,651	73	59	69 255	251,487	1 893,559	7,529	7,058
24	10	98 833	15 585,954	204 147,888	13,098	12,627	74	60	66 947	225,097	1 642,072	7,295	6,824
25	11	98 783	14 424,026	188 561,934	13,073	12,602	75	61	64 526	200,889	1 416,975	7,054	6,582
26	12	98 731	13 348,654	174 137,908	13,045	12,574	76	62	61 969	178,636	1 216,086	6,808	6,337
27	13	98 682	12 353,638	160 789,254	13,016	12,544	77	63	59 283	158,235	1 037,450	6,556	6,085
28	14	98 629	11 432,505	148 435,616	12,984	12,513	78	64	56 512	139,664	879,215	6,295	5,824
29	15	98 575	10 579,781	137 003,111	12,950	12,478	79	65	53 585	122,621	739,550	6,031	5,560
30	16	98 515	9 790,127	126 423,330	12,913	12,442	80	66	50 525	107,056	616,930	5,763	5,292
31	17	98 450	9 058,987	116 633,203	12,875	12,404	81	67	47 289	92,776	509,874	5,496	5,025
32	18	98 381	8 382,052	107 574,216	12,834	12,363	82	68	43 933	79,807	417,098	5,226	4,755
33	19	98 305	7 755,159	99 192,164	12,790	12,319	83	69	40 466	68,065	337,291	4,955	4,484
34	20	98 220	7 174,489	91 437,004	12,745	12,274	84	70	36 839	57,374	269,226	4,692	4,221
35	21	98 135	6 637,291	84 262,515	12,695	12,224	85	71	33 118	47,758	211,852	4,436	3,965
36	22	98 044	6 139,957	77 625,224	12,643	12,172	86	72	29 332	39,166	164,094	4,190	3,719
37	23	97 941	5 679,172	71 485,268	12,587	12,116	87	73	25 581	31,626	124,928	3,950	3,479
38	24	97 827	5 252,387	65 806,096	12,529	12,058	88	74	21 907	25,078	93,302	3,720	3,249
39	25	97 712	4 857,582	60 553,709	12,466	11,995	89	75	18 352	19,453	68,224	3,507	3,036
40	26	97 580	4 491,695	55 696,126	12,400	11,929	90	76	15 013	14,734	48,772	3,310	2,839
41	27	97 442	4 153,089	51 204,432	12,329	11,858	91	77	11 988	10,894	34,038	3,124	2,653
42	28	97 280	3 839,069	47 051,343	12,256	11,785	92	78	9 353	7,870	23,144	2,941	2,470
43	29	97 119	3 548,820	43 212,274	12,177	11,705	93	79	7 061	5,501	15,274	2,777	2,306
44	30	96 940	3 279,895	39 663,454	12,093	11,622	94	80	5 167	3,727	9,773	2,622	2,151
45	31	96 745	3 030,817	36 383,559	12,005	11,533	95	81	3 639	2,431	6,046	2,487	2,016
46	32	96 532	2 800,136	33 352,743	11,911	11,440	96	82	2 476	1,532	3,615	2,360	1,889
47	33	96 301	2 586,501	30 552,607	11,812	11,341	97	83	1 618	0,926	2,083	2,249	1,778
48	34	96 042	2 388,488	27 966,106	11,709	11,238	98	84	1 019	0,541	1,157	2,140	1,669
49	35	95 754	2 204,917	25 577,618	11,600	11,129	99	85	618	0,304	0,616	2,029	1,558
							100	86	355	0,161	0,313	1,938	1,467

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	35	95 473	2 035,594	23 409,702	11,500	11,029
1							51	36	95 121	1 877,875	21 374,108	11,382	10,911
2							52	37	94 736	1 731,726	19 496,233	11,258	10,787
3							53	38	94 310	1 596,236	17 764,507	11,129	10,658
4							54	39	93 832	1 470,510	16 168,271	10,995	10,524
5							55	40	93 301	1 353,882	14 697,761	10,856	10,385
6							56	41	92 712	1 245,677	13 343,879	10,712	10,241
7							57	42	92 057	1 145,259	12 098,203	10,564	10,093
8							58	43	91 333	1 052,079	10 952,944	10,411	9,940
9							59	44	90 546	965,757	9 900,865	10,252	9,781
10							60	45	89 674	885,610	8 935,109	10,089	9,618
11							61	46	88 722	811,301	8 049,498	9,922	9,451
12							62	47	87 678	742,367	7 238,197	9,750	9,279
13							63	48	86 535	678,416	6 495,830	9,575	9,104
14							64	49	85 285	619,084	5 817,414	9,397	8,926
15	0	99 513	31 370,637	415 052,214	13,231	12,760	65	50	83 938	564,173	5 198,330	9,214	8,743
16	1	99 210	28 958,384	383 681,578	13,249	12,778	66	51	82 497	513,414	4 634,157	9,026	8,555
17	2	99 165	26 801,225	354 723,193	13,235	12,764	67	52	80 942	466,427	4 120,743	8,835	8,364
18	3	99 126	24 806,072	327 921,968	13,219	12,748	68	53	79 304	423,133	3 654,316	8,636	8,165
19	4	99 077	22 957,430	303 115,896	13,203	12,732	69	54	77 553	383,144	3 231,182	8,433	7,962
20	5	99 028	21 246,346	280 158,465	13,186	12,715	70	55	75 709	346,327	2 848,038	8,224	7,753
21	6	98 981	19 663,089	258 912,119	13,167	12,696	71	56	73 775	312,479	2 501,711	8,006	7,535
22	7	98 933	18 197,872	239 249,030	13,147	12,676	72	57	71 692	281,163	2 189,232	7,786	7,315
23	8	98 887	16 842,015	221 051,158	13,125	12,654	73	58	69 545	252,541	1 908,069	7,555	7,084
24	9	98 839	15 586,782	204 209,143	13,101	12,630	74	59	67 258	226,145	1 655,528	7,321	6,850
25	10	98 788	14 424,828	188 622,361	13,076	12,605	75	60	64 859	201,924	1 429,382	7,079	6,608
26	11	98 739	13 349,681	174 197,533	13,049	12,578	76	61	62 317	179,640	1 227,458	6,833	6,362
27	12	98 688	12 354,418	160 847,852	13,019	12,548	77	62	59 648	159,210	1 047,819	6,581	6,110
28	13	98 637	11 433,409	148 493,434	12,988	12,517	78	63	56 896	140,615	888,609	6,319	5,848
29	14	98 584	10 580,757	137 060,025	12,954	12,483	79	64	53 985	123,536	747,994	6,055	5,584
30	15	98 526	9 791,261	126 479,268	12,918	12,447	80	65	50 934	107,920	624,458	5,786	5,315
31	16	98 463	9 060,145	116 688,007	12,879	12,408	81	66	47 707	93,596	516,537	5,519	5,048
32	17	98 394	8 383,139	107 627,862	12,839	12,368	82	67	44 348	80,561	422,942	5,250	4,779
33	18	98 321	7 756,418	99 244,723	12,795	12,324	83	68	40 884	68,767	342,381	4,979	4,508
34	19	98 236	7 175,669	91 488,305	12,750	12,279	84	69	37 270	58,044	273,614	4,714	4,243
35	20	98 151	6 638,377	84 312,636	12,701	12,230	85	70	33 539	48,365	215,570	4,457	3,986
36	21	98 061	6 141,000	77 674,259	12,648	12,177	86	71	29 743	39,714	167,205	4,210	3,739
37	22	97 957	5 680,125	71 533,259	12,594	12,123	87	72	25 969	32,106	127,491	3,971	3,500
38	23	97 843	5 253,247	65 853,135	12,536	12,065	88	73	22 280	25,505	95,385	3,740	3,269
39	24	97 728	4 858,380	60 599,888	12,473	12,002	89	74	18 693	19,813	69,880	3,527	3,056
40	25	97 599	4 492,568	55 741,508	12,407	11,936	90	75	15 321	15,036	50,067	3,330	2,859
41	26	97 459	4 153,829	51 248,940	12,338	11,867	91	76	12 259	11,141	35,030	3,144	2,673
42	27	97 300	3 839,874	47 095,110	12,265	11,794	92	77	9 582	8,063	23,890	2,963	2,492
43	28	97 142	3 549,665	43 255,236	12,186	11,715	93	78	7 258	5,655	15,827	2,799	2,328
44	29	96 964	3 280,704	39 705,571	12,103	11,632	94	79	5 331	3,846	10,172	2,645	2,174
45	30	96 772	3 031,674	36 424,867	12,015	11,544	95	80	3 772	2,520	6,326	2,511	2,039
46	31	96 563	2 801,038	33 393,193	11,922	11,451	96	81	2 581	1,596	3,806	2,385	1,914
47	32	96 333	2 587,370	30 592,155	11,824	11,353	97	82	1 697	0,972	2,210	2,274	1,803
48	33	96 076	2 389,325	28 004,785	11,721	11,250	98	83	1 079	0,572	1,238	2,164	1,693
49	34	95 790	2 205,759	25 615,460	11,613	11,142	99	84	661	0,324	0,666	2,053	1,582
							100	85	383	0,174	0,342	1,962	1,491

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	34	95 509	2 036,371	23 443,412	11,512	11,041
1							51	35	95 166	1 878,752	21 407,041	11,394	10,923
2							52	36	94 781	1 732,552	19 528,289	11,271	10,800
3							53	37	94 357	1 597,043	17 795,736	11,143	10,672
4							54	38	93 884	1 471,325	16 198,694	11,010	10,539
5							55	39	93 362	1 354,764	14 727,369	10,871	10,400
6							56	40	92 771	1 246,466	13 372,605	10,728	10,257
7							57	41	92 125	1 146,099	12 126,140	10,580	10,109
8							58	42	91 406	1 052,928	10 980,041	10,428	9,957
9							59	43	90 627	966,623	9 927,113	10,270	9,799
10							60	44	89 759	886,449	8 960,490	10,108	9,637
11							61	45	88 818	812,175	8 074,041	9,941	9,470
12							62	46	87 782	743,247	7 261,867	9,770	9,299
13							63	47	86 648	679,298	6 518,619	9,596	9,125
14							64	48	85 414	620,025	5 839,321	9,418	8,947
15							65	49	84 079	565,125	5 219,296	9,236	8,765
16	0	99 497	29 042,371	383 838,989	13,217	12,745	66	50	82 649	514,363	4 654,171	9,048	8,577
17	1	99 187	26 807,187	354 796,618	13,235	12,764	67	51	81 111	467,397	4 139,809	8,857	8,386
18	2	99 139	24 809,332	327 989,430	13,220	12,749	68	52	79 479	424,068	3 672,411	8,660	8,189
19	3	99 087	22 959,719	303 180,098	13,205	12,734	69	53	77 746	384,096	3 248,343	8,457	7,986
20	4	99 037	21 248,302	280 220,378	13,188	12,717	70	54	75 918	347,284	2 864,247	8,248	7,777
21	5	98 987	19 664,425	258 972,076	13,170	12,699	71	55	74 005	313,455	2 516,963	8,030	7,559
22	6	98 941	18 199,200	239 307,651	13,149	12,678	72	56	71 935	282,117	2 203,509	7,811	7,340
23	7	98 892	16 842,817	221 108,450	13,128	12,657	73	57	69 807	253,494	1 921,392	7,580	7,109
24	8	98 846	15 587,905	204 265,633	13,104	12,633	74	58	67 540	227,093	1 667,898	7,345	6,874
25	9	98 793	14 425,595	188 677,728	13,079	12,608	75	59	65 161	202,864	1 440,805	7,102	6,631
26	10	98 744	13 350,423	174 252,133	13,052	12,581	76	60	62 638	180,565	1 237,940	6,856	6,385
27	11	98 695	12 355,369	160 901,710	13,023	12,552	77	61	59 983	160,104	1 057,375	6,604	6,133
28	12	98 643	11 434,132	148 546,341	12,991	12,520	78	62	57 247	141,481	897,271	6,342	5,871
29	13	98 592	10 581,593	137 112,210	12,958	12,487	79	63	54 352	124,377	755,790	6,077	5,606
30	14	98 535	9 792,164	126 530,616	12,922	12,451	80	64	51 314	108,726	631,413	5,807	5,336
31	15	98 474	9 061,194	116 738,453	12,883	12,412	81	65	48 092	94,352	522,687	5,540	5,069
32	16	98 406	8 384,211	107 677,258	12,843	12,372	82	66	44 739	81,272	428,335	5,270	4,799
33	17	98 333	7 757,424	99 293,047	12,800	12,329	83	67	41 270	69,416	347,063	5,000	4,529
34	18	98 252	7 176,834	91 535,623	12,754	12,283	84	68	37 654	58,643	277,647	4,735	4,264
35	19	98 167	6 639,468	84 358,789	12,706	12,235	85	69	33 931	48,930	219,004	4,476	4,005
36	20	98 077	6 142,005	77 719,321	12,654	12,183	86	70	30 121	40,219	170,074	4,229	3,758
37	21	97 974	5 681,089	71 577,316	12,599	12,128	87	71	26 333	32,556	129,855	3,989	3,518
38	22	97 860	5 254,128	65 896,227	12,542	12,071	88	72	22 618	25,892	97,299	3,758	3,287
39	23	97 744	4 859,175	60 642,099	12,480	12,009	89	73	19 011	20,150	71,407	3,544	3,073
40	24	97 615	4 493,306	55 782,924	12,415	11,944	90	74	15 605	15,315	51,257	3,347	2,876
41	25	97 478	4 154,637	51 289,618	12,345	11,874	91	75	12 511	11,369	35,942	3,161	2,690
42	26	97 318	3 840,559	47 134,980	12,273	11,802	92	76	9 799	8,245	24,572	2,980	2,509
43	27	97 163	3 550,409	43 294,422	12,194	11,723	93	77	7 436	5,794	16,327	2,818	2,347
44	28	96 987	3 281,485	39 744,012	12,112	11,641	94	78	5 480	3,954	10,533	2,664	2,193
45	29	96 796	3 032,422	36 462,527	12,024	11,553	95	79	3 892	2,600	6,580	2,531	2,060
46	30	96 591	2 801,830	33 430,105	11,932	11,460	96	80	2 675	1,654	3,980	2,406	1,935
47	31	96 364	2 588,204	30 628,275	11,834	11,363	97	81	1 769	1,013	2,326	2,296	1,825
48	32	96 108	2 390,127	28 040,071	11,732	11,261	98	82	1 132	0,600	1,313	2,186	1,715
49	33	95 824	2 206,531	25 649,944	11,625	11,154	99	83	699	0,343	0,712	2,075	1,604
							100	84	409	0,186	0,369	1,984	1,513

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	33	95 543	2 037,085	23 474,122	11,523	11,052
1							51	34	95 202	1 879,470	21 437,037	11,406	10,935
2							52	35	94 825	1 733,361	19 557,567	11,283	10,812
3							53	36	94 402	1 597,804	17 824,206	11,155	10,684
4							54	37	93 931	1 472,068	16 226,402	11,023	10,552
5							55	38	93 414	1 355,515	14 754,333	10,885	10,414
6							56	39	92 831	1 247,277	13 398,819	10,742	10,271
7							57	40	92 183	1 146,825	12 151,541	10,596	10,125
8							58	41	91 473	1 053,700	11 004,716	10,444	9,973
9							59	42	90 700	967,403	9 951,016	10,286	9,815
10							60	43	89 840	887,243	8 983,613	10,125	9,654
11							61	44	88 902	812,944	8 096,370	9,959	9,488
12							62	45	87 877	744,048	7 283,426	9,789	9,318
13							63	46	86 750	680,104	6 539,378	9,615	9,144
14							64	47	85 525	620,832	5 859,274	9,438	8,967
15							65	48	84 207	565,983	5 238,443	9,255	8,784
16							66	49	82 788	515,230	4 672,459	9,069	8,598
17	0	99 475	26 884,935	354 941,105	13,202	12,731	67	50	81 260	468,261	4 157,229	8,878	8,407
18	1	99 161	24 814,852	328 056,170	13,220	12,749	68	51	79 644	424,951	3 688,968	8,681	8,210
19	2	99 100	22 962,737	303 241,319	13,206	12,735	69	52	77 918	384,945	3 264,018	8,479	8,008
20	3	99 047	21 250,421	280 278,582	13,189	12,718	70	53	76 107	348,147	2 879,073	8,270	7,799
21	4	98 997	19 666,236	259 028,161	13,171	12,700	71	54	74 209	314,320	2 530,926	8,052	7,581
22	5	98 947	18 200,437	239 361,925	13,151	12,680	72	55	72 160	282,998	2 216,606	7,833	7,362
23	6	98 899	16 844,047	221 161,488	13,130	12,659	73	56	70 044	254,354	1 933,608	7,602	7,131
24	7	98 850	15 588,648	204 317,441	13,107	12,636	74	57	67 795	227,949	1 679,254	7,367	6,896
25	8	98 800	14 426,634	188 728,793	13,082	12,611	75	58	65 434	203,714	1 451,305	7,124	6,653
26	9	98 750	13 351,133	174 302,159	13,055	12,584	76	59	62 930	181,406	1 247,590	6,877	6,406
27	10	98 701	12 356,056	160 951,026	13,026	12,555	77	60	60 293	160,929	1 066,184	6,625	6,154
28	11	98 651	11 435,011	148 594,971	12,995	12,524	78	61	57 568	142,276	905,255	6,363	5,892
29	12	98 598	10 582,262	137 159,960	12,961	12,490	79	62	54 687	125,143	762,979	6,097	5,626
30	13	98 543	9 792,938	126 577,698	12,925	12,454	80	63	51 663	109,466	637,837	5,827	5,356
31	14	98 483	9 062,030	116 784,760	12,887	12,416	81	64	48 451	95,056	528,371	5,559	5,087
32	15	98 418	8 385,182	107 722,729	12,847	12,376	82	65	45 101	81,929	433,314	5,289	4,818
33	16	98 346	7 758,416	99 337,548	12,804	12,333	83	66	41 634	70,030	351,386	5,018	4,547
34	17	98 265	7 177,764	91 579,132	12,759	12,288	84	67	38 010	59,197	281,356	4,753	4,282
35	18	98 183	6 640,546	84 401,367	12,710	12,239	85	68	34 281	49,435	222,159	4,494	4,023
36	19	98 093	6 143,015	77 760,821	12,658	12,187	86	69	30 473	40,689	172,724	4,245	3,774
37	20	97 990	5 682,019	71 617,806	12,604	12,133	87	70	26 667	32,969	132,036	4,005	3,534
38	21	97 876	5 255,020	65 935,787	12,547	12,076	88	71	22 935	26,255	99,066	3,773	3,302
39	22	97 760	4 859,990	60 680,767	12,486	12,015	89	72	19 299	20,456	72,812	3,559	3,088
40	23	97 631	4 494,041	55 820,776	12,421	11,950	90	73	15 870	15,576	52,356	3,361	2,890
41	24	97 494	4 155,320	51 326,735	12,352	11,881	91	74	12 743	11,580	36,780	3,176	2,705
42	25	97 337	3 841,305	47 171,415	12,280	11,809	92	75	10 000	8,415	25,200	2,995	2,524
43	26	97 180	3 551,042	43 330,110	12,202	11,731	93	76	7 605	5,925	16,785	2,833	2,362
44	27	97 008	3 282,174	39 779,068	12,120	11,649	94	77	5 615	4,050	10,860	2,681	2,210
45	28	96 819	3 033,144	36 496,894	12,033	11,562	95	78	4 001	2,673	6,810	2,548	2,077
46	29	96 614	2 802,522	33 463,750	11,941	11,470	96	79	2 760	1,707	4,137	2,424	1,953
47	30	96 391	2 588,936	30 661,228	11,843	11,372	97	80	1 834	1,050	2,430	2,314	1,843
48	31	96 139	2 390,897	28 072,292	11,741	11,270	98	81	1 180	0,626	1,380	2,206	1,735
49	32	95 856	2 207,273	25 681,395	11,635	11,164	99	82	734	0,360	0,755	2,095	1,624
							100	83	433	0,197	0,394	2,003	1,532

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	32	95 575	2 037,769	23 502,126	11,533	11,062
1							51	33	95 236	1 880,128	21 464,357	11,416	10,945
2							52	34	94 862	1 734,023	19 584,229	11,294	10,823
3							53	35	94 446	1 598,551	17 850,205	11,166	10,695
4							54	36	93 976	1 472,770	16 251,654	11,035	10,564
5							55	37	93 461	1 356,200	14 778,884	10,897	10,426
6							56	38	92 883	1 247,969	13 422,684	10,756	10,285
7							57	39	92 243	1 147,572	12 174,716	10,609	10,138
8							58	40	91 531	1 054,368	11 027,144	10,459	9,987
9							59	41	90 767	968,113	9 972,776	10,301	9,830
10							60	42	89 912	887,960	9 004,663	10,141	9,670
11							61	43	88 981	813,673	8 116,704	9,975	9,504
12							62	44	87 960	744,752	7 303,031	9,806	9,335
13							63	45	86 844	680,836	6 558,279	9,633	9,162
14							64	46	85 627	621,568	5 877,443	9,456	8,985
15							65	47	84 316	566,720	5 255,875	9,274	8,803
16							66	48	82 914	516,013	4 689,155	9,087	8,616
17							67	49	81 398	469,051	4 173,142	8,897	8,426
18	0	99 448	24 886,821	328 188,793	13,187	12,716	68	50	79 791	425,736	3 704,091	8,700	8,229
19	1	99 122	22 967,845	303 301,972	13,206	12,734	69	51	78 080	385,746	3 278,356	8,499	8,028
20	2	99 060	21 253,214	280 334,127	13,190	12,719	70	52	76 275	348,916	2 892,610	8,290	7,819
21	3	99 006	19 668,197	259 080,914	13,173	12,702	71	53	74 394	315,101	2 543,694	8,073	7,602
22	4	98 957	18 202,113	239 412,717	13,153	12,682	72	54	72 359	283,780	2 228,593	7,853	7,382
23	5	98 906	16 845,191	221 210,604	13,132	12,661	73	55	70 263	255,148	1 944,814	7,622	7,151
24	6	98 858	15 589,786	204 365,413	13,109	12,638	74	56	68 025	228,723	1 689,666	7,387	6,916
25	7	98 805	14 427,322	188 775,627	13,085	12,614	75	57	65 681	204,483	1 460,943	7,145	6,674
26	8	98 757	13 352,095	174 348,305	13,058	12,587	76	58	63 194	182,166	1 256,460	6,897	6,426
27	9	98 706	12 356,712	160 996,210	13,029	12,558	77	59	60 573	161,678	1 074,294	6,645	6,174
28	10	98 657	11 435,647	148 639,498	12,998	12,527	78	60	57 865	143,009	912,615	6,382	5,910
29	11	98 605	10 583,076	137 203,851	12,964	12,493	79	61	54 994	125,846	769,606	6,115	5,644
30	12	98 549	9 793,557	126 620,775	12,929	12,458	80	62	51 981	110,140	643,761	5,845	5,374
31	13	98 491	9 062,747	116 827,218	12,891	12,420	81	63	48 781	95,703	533,620	5,576	5,105
32	14	98 427	8 385,956	107 764,472	12,851	12,380	82	64	45 437	82,540	437,917	5,305	4,834
33	15	98 357	7 759,314	99 378,516	12,808	12,337	83	65	41 971	70,595	355,377	5,034	4,563
34	16	98 277	7 178,682	91 619,202	12,763	12,292	84	66	38 345	59,720	284,781	4,769	4,298
35	17	98 195	6 641,407	84 440,520	12,714	12,243	85	67	34 605	49,902	225,062	4,510	4,039
36	18	98 109	6 144,012	77 799,113	12,663	12,192	86	68	30 787	41,108	175,160	4,261	3,790
37	19	98 006	5 682,953	71 655,101	12,609	12,138	87	69	26 979	33,355	134,052	4,019	3,548
38	20	97 892	5 255,881	65 972,147	12,552	12,081	88	70	23 226	26,588	100,697	3,787	3,316
39	21	97 777	4 860,816	60 716,267	12,491	12,020	89	71	19 570	20,743	74,109	3,573	3,102
40	22	97 647	4 494,795	55 855,451	12,427	11,956	90	72	16 111	15,812	53,366	3,375	2,904
41	23	97 510	4 156,000	51 360,656	12,358	11,887	91	73	12 960	11,777	37,554	3,189	2,718
42	24	97 353	3 841,936	47 204,656	12,287	11,816	92	74	10 186	8,571	25,777	3,008	2,537
43	25	97 199	3 551,733	43 362,720	12,209	11,738	93	75	7 761	6,047	17,206	2,846	2,375
44	26	97 025	3 282,759	39 810,987	12,127	11,656	94	76	5 742	4,142	11,160	2,694	2,223
45	27	96 840	3 033,781	36 528,228	12,040	11,569	95	77	4 099	2,738	7,018	2,563	2,092
46	28	96 637	2 803,189	33 494,447	11,949	11,478	96	78	2 837	1,755	4,279	2,439	1,968
47	29	96 415	2 589,575	30 691,259	11,852	11,381	97	79	1 892	1,083	2,525	2,330	1,859
48	30	96 167	2 391,574	28 101,684	11,750	11,279	98	80	1 223	0,649	1,441	2,223	1,751
49	31	95 887	2 207,984	25 710,110	11,644	11,173	99	81	765	0,375	0,793	2,112	1,641
							100	82	454	0,207	0,417	2,021	1,550

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	31	95 605	2 038,425	23 527,690	11,542	11,071
1							51	32	95 268	1 880,760	21 489,264	11,426	10,955
2							52	33	94 895	1 734,631	19 608,504	11,304	10,833
3							53	34	94 482	1 599,161	17 873,873	11,177	10,706
4							54	35	94 020	1 473,458	16 274,712	11,045	10,574
5							55	36	93 506	1 356,847	14 801,253	10,909	10,438
6							56	37	92 929	1 248,599	13 444,407	10,768	10,297
7							57	38	92 294	1 148,208	12 195,807	10,622	10,151
8							58	39	91 591	1 055,054	11 047,600	10,471	10,000
9							59	40	90 824	968,726	9 992,545	10,315	9,844
10							60	41	89 978	888,611	9 023,819	10,155	9,684
11							61	42	89 053	814,330	8 135,208	9,990	9,519
12							62	43	88 039	745,420	7 320,878	9,821	9,350
13							63	44	86 926	681,481	6 575,458	9,649	9,178
14							64	45	85 719	622,237	5 893,978	9,472	9,001
15							65	46	84 416	567,392	5 271,741	9,291	8,820
16							66	47	83 022	516,685	4 704,349	9,105	8,634
17							67	48	81 521	469,763	4 187,665	8,914	8,443
18							68	49	79 926	426,454	3 717,901	8,718	8,247
19	0	99 410	23 034,458	303 423,698	13,173	12,702	69	50	78 224	386,458	3 291,448	8,517	8,046
20	1	99 082	21 257,942	280 389,240	13,190	12,719	70	51	76 434	349,642	2 904,989	8,308	7,837
21	2	99 019	19 670,781	259 131,299	13,173	12,702	71	52	74 558	315,797	2 555,348	8,092	7,621
22	3	98 966	18 203,927	239 460,517	13,154	12,683	72	53	72 539	284,485	2 239,550	7,872	7,401
23	4	98 915	16 846,742	221 256,590	13,133	12,662	73	54	70 457	255,853	1 955,065	7,641	7,170
24	5	98 864	15 590,846	204 409,848	13,111	12,640	74	55	68 237	229,437	1 699,213	7,406	6,935
25	6	98 812	14 428,375	188 819,002	13,087	12,616	75	56	65 904	205,176	1 469,776	7,163	6,692
26	7	98 762	13 352,731	174 390,627	13,060	12,589	76	57	63 432	182,853	1 264,599	6,916	6,445
27	8	98 713	12 357,603	161 037,896	13,031	12,560	77	58	60 827	162,356	1 081,746	6,663	6,192
28	9	98 662	11 436,255	148 680,293	13,001	12,530	78	59	58 135	143,675	919,390	6,399	5,928
29	10	98 611	10 583,664	137 244,039	12,968	12,496	79	60	55 277	126,494	775,715	6,132	5,661
30	11	98 557	9 794,310	126 660,374	12,932	12,461	80	61	52 273	110,759	649,221	5,862	5,391
31	12	98 497	9 063,319	116 866,064	12,894	12,423	81	62	49 081	96,293	538,462	5,592	5,121
32	13	98 434	8 386,618	107 802,745	12,854	12,383	82	63	45 747	83,102	442,169	5,321	4,850
33	14	98 367	7 760,030	99 416,126	12,811	12,340	83	64	42 284	71,122	359,067	5,049	4,578
34	15	98 288	7 179,513	91 656,096	12,766	12,295	84	65	38 655	60,202	287,945	4,783	4,312
35	16	98 208	6 642,257	84 476,583	12,718	12,247	85	66	34 910	50,343	227,743	4,524	4,053
36	17	98 121	6 144,809	77 834,327	12,667	12,196	86	67	31 078	41,497	177,400	4,275	3,804
37	18	98 022	5 683,876	71 689,518	12,613	12,142	87	68	27 257	33,698	135,904	4,033	3,562
38	19	97 908	5 256,745	66 005,642	12,556	12,085	88	69	23 498	26,899	102,205	3,800	3,329
39	20	97 793	4 861,612	60 748,897	12,496	12,025	89	70	19 818	21,006	75,306	3,585	3,114
40	21	97 664	4 495,559	55 887,286	12,432	11,961	90	71	16 337	16,034	54,300	3,387	2,916
41	22	97 526	4 156,697	51 391,727	12,364	11,893	91	72	13 157	11,956	38,266	3,201	2,730
42	23	97 369	3 842,565	47 235,030	12,293	11,822	92	73	10 359	8,716	26,311	3,019	2,547
43	24	97 215	3 552,316	43 392,465	12,215	11,744	93	74	7 905	6,159	17,594	2,857	2,386
44	25	97 044	3 283,397	39 840,149	12,134	11,663	94	75	5 860	4,227	11,436	2,705	2,234
45	26	96 857	3 034,321	36 556,752	12,048	11,577	95	76	4 192	2,800	7,208	2,574	2,103
46	27	96 658	2 803,777	33 522,430	11,956	11,485	96	77	2 907	1,798	4,408	2,452	1,981
47	28	96 438	2 590,191	30 718,653	11,860	11,389	97	78	1 945	1,114	2,610	2,344	1,873
48	29	96 190	2 392,164	28 128,462	11,759	11,288	98	79	1 262	0,669	1,497	2,237	1,766
49	30	95 914	2 208,608	25 736,298	11,653	11,182	99	80	793	0,389	0,828	2,127	1,656
							100	81	474	0,215	0,438	2,037	1,566

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	30	95 632	2 039,002	23 550,999	11,550	11,079
1							51	31	95 298	1 881,366	21 511,997	11,434	10,963
2							52	32	94 927	1 735,214	19 630,631	11,313	10,842
3							53	33	94 516	1 599,722	17 895,417	11,187	10,716
4							54	34	94 056	1 474,021	16 295,695	11,055	10,584
5							55	35	93 549	1 357,480	14 821,674	10,919	10,447
6							56	36	92 974	1 249,195	13 464,194	10,778	10,307
7							57	37	92 341	1 148,788	12 214,999	10,633	10,162
8							58	38	91 642	1 055,639	11 066,211	10,483	10,012
9							59	39	90 884	969,357	10 010,572	10,327	9,856
10							60	40	90 035	889,174	9 041,215	10,168	9,697
11							61	41	89 118	814,927	8 152,041	10,003	9,532
12							62	42	88 110	746,022	7 337,114	9,835	9,364
13							63	43	87 004	682,091	6 591,092	9,663	9,192
14							64	44	85 800	622,826	5 909,000	9,487	9,016
15							65	45	84 507	568,003	5 286,174	9,307	8,836
16							66	46	83 120	517,297	4 718,172	9,121	8,650
17							67	47	81 627	470,375	4 200,875	8,931	8,460
18							68	48	80 047	427,102	3 730,500	8,734	8,263
19							69	49	78 356	387,110	3 303,398	8,533	8,062
20	0	99 370	21 319,595	280 500,964	13,157	12,686	70	50	76 575	350,288	2 916,288	8,325	7,854
21	1	99 041	19 675,157	259 181,369	13,173	12,702	71	51	74 713	316,455	2 566,000	8,109	7,638
22	2	98 979	18 206,320	239 506,212	13,155	12,684	72	52	72 699	285,113	2 249,546	7,890	7,419
23	3	98 925	16 848,422	221 299,892	13,135	12,664	73	53	70 632	256,488	1 964,433	7,659	7,188
24	4	98 873	15 592,281	204 451,470	13,112	12,641	74	54	68 426	230,071	1 707,944	7,424	6,953
25	5	98 819	14 429,355	188 859,189	13,089	12,617	75	55	66 109	205,817	1 477,874	7,181	6,709
26	6	98 769	13 353,706	174 429,834	13,062	12,591	76	56	63 647	183,474	1 272,057	6,933	6,462
27	7	98 718	12 358,191	161 076,128	13,034	12,563	77	57	61 057	162,968	1 088,583	6,680	6,209
28	8	98 669	11 437,079	148 717,936	13,003	12,532	78	58	58 378	144,277	925,615	6,416	5,944
29	9	98 616	10 584,227	137 280,857	12,970	12,499	79	59	55 535	127,083	781,338	6,148	5,677
30	10	98 562	9 794,855	126 696,630	12,935	12,464	80	60	52 543	111,330	654,255	5,877	5,406
31	11	98 505	9 064,016	116 901,776	12,897	12,426	81	61	49 357	96,834	542,925	5,607	5,136
32	12	98 441	8 387,148	107 837,759	12,857	12,386	82	62	46 029	83,614	446,091	5,335	4,864
33	13	98 374	7 760,644	99 450,611	12,815	12,344	83	63	42 572	71,606	362,477	5,062	4,591
34	14	98 298	7 180,176	91 689,967	12,770	12,299	84	64	38 944	60,652	290,871	4,796	4,325
35	15	98 219	6 643,026	84 509,792	12,722	12,251	85	65	35 192	50,749	230,219	4,536	4,065
36	16	98 134	6 145,594	77 866,766	12,670	12,199	86	66	31 353	41,863	179,470	4,287	3,816
37	17	98 035	5 684,613	71 721,172	12,617	12,146	87	67	27 514	34,017	137,607	4,045	3,574
38	18	97 924	5 257,598	66 036,559	12,560	12,089	88	68	23 740	27,176	103,590	3,812	3,341
39	19	97 809	4 862,411	60 778,961	12,500	12,029	89	69	20 050	21,252	76,414	3,596	3,125
40	20	97 680	4 496,295	55 916,550	12,436	11,965	90	70	16 545	16,237	55,162	3,397	2,926
41	21	97 543	4 157,403	51 420,256	12,368	11,897	91	71	13 341	12,123	38,925	3,211	2,740
42	22	97 385	3 843,210	47 262,853	12,298	11,827	92	72	10 516	8,849	26,802	3,029	2,558
43	23	97 231	3 552,897	43 419,643	12,221	11,750	93	73	8 039	6,263	17,953	2,866	2,395
44	24	97 060	3 283,937	39 866,745	12,140	11,669	94	74	5 969	4,306	11,689	2,715	2,244
45	25	96 876	3 034,911	36 582,809	12,054	11,583	95	75	4 278	2,858	7,384	2,584	2,113
46	26	96 675	2 804,277	33 547,897	11,963	11,492	96	76	2 973	1,839	4,526	2,462	1,991
47	27	96 458	2 590,735	30 743,621	11,867	11,396	97	77	1 992	1,141	2,688	2,356	1,885
48	28	96 213	2 392,733	28 152,886	11,766	11,295	98	78	1 297	0,688	1,547	2,249	1,778
49	29	95 938	2 209,154	25 760,153	11,661	11,190	99	79	818	0,401	0,859	2,139	1,668
							100	80	491	0,223	0,457	2,050	1,579

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	29	95 656	2 039,505	23 572,226	11,558	11,087
1							51	30	95 325	1 881,898	21 532,721	11,442	10,971
2							52	31	94 957	1 735,773	19 650,823	11,321	10,850
3							53	32	94 547	1 600,259	17 915,050	11,195	10,724
4							54	33	94 089	1 474,538	16 314,791	11,064	10,593
5							55	34	93 585	1 357,999	14 840,253	10,928	10,457
6							56	35	93 017	1 249,778	13 482,254	10,788	10,317
7							57	36	92 385	1 149,336	12 232,476	10,643	10,172
8							58	37	91 688	1 056,173	11 083,140	10,494	10,023
9							59	38	90 934	969,894	10 026,967	10,338	9,867
10							60	39	90 094	889,753	9 057,073	10,179	9,708
11							61	40	89 175	815,443	8 167,320	10,016	9,545
12							62	41	88 174	746,569	7 351,876	9,848	9,377
13							63	42	87 074	682,642	6 605,307	9,676	9,205
14							64	43	85 877	623,384	5 922,665	9,501	9,030
15							65	44	84 587	568,540	5 299,281	9,321	8,850
16							66	45	83 210	517,854	4 730,740	9,135	8,664
17							67	46	81 724	470,932	4 212,886	8,946	8,475
18							68	47	80 151	427,658	3 741,954	8,750	8,279
19							69	48	78 475	387,698	3 314,296	8,549	8,078
20							70	49	76 704	350,879	2 926,598	8,341	7,870
21	0	99 329	19 732,220	259 283,914	13,140	12,669	71	50	74 851	317,039	2 575,720	8,124	7,653
22	1	99 001	18 210,370	239 551,693	13,155	12,684	72	51	72 850	285,706	2 258,680	7,906	7,435
23	2	98 938	16 850,636	221 341,323	13,135	12,664	73	52	70 788	257,055	1 972,974	7,675	7,204
24	3	98 883	15 593,836	204 490,687	13,114	12,643	74	53	68 596	230,642	1 715,919	7,440	6,969
25	4	98 828	14 430,684	188 896,851	13,090	12,619	75	54	66 292	206,385	1 485,277	7,197	6,726
26	5	98 775	13 354,613	174 466,168	13,064	12,593	76	55	63 846	184,046	1 278,891	6,949	6,478
27	6	98 725	12 359,094	161 111,554	13,036	12,565	77	56	61 264	163,521	1 094,845	6,695	6,224
28	7	98 674	11 437,624	148 752,460	13,006	12,534	78	57	58 598	144,821	931,324	6,431	5,960
29	8	98 623	10 584,990	137 314,837	12,973	12,502	79	58	55 767	127,616	786,503	6,163	5,692
30	9	98 568	9 795,375	126 729,847	12,938	12,467	80	59	52 787	111,848	658,887	5,891	5,420
31	10	98 510	9 064,520	116 934,472	12,900	12,429	81	60	49 612	97,333	547,039	5,620	5,149
32	11	98 448	8 387,793	107 869,951	12,860	12,389	82	61	46 287	84,084	449,706	5,348	4,877
33	12	98 381	7 761,134	99 482,158	12,818	12,347	83	62	42 834	72,047	365,622	5,075	4,604
34	13	98 305	7 180,743	91 721,024	12,773	12,302	84	63	39 209	61,064	293,575	4,808	4,337
35	14	98 228	6 643,639	84 540,281	12,725	12,254	85	64	35 455	51,128	232,511	4,548	4,077
36	15	98 145	6 146,306	77 896,642	12,674	12,203	86	65	31 606	42,201	181,382	4,298	3,827
37	16	98 047	5 685,340	71 750,336	12,620	12,149	87	66	27 757	34,317	139,181	4,056	3,585
38	17	97 937	5 258,280	66 064,997	12,564	12,093	88	67	23 964	27,433	104,864	3,823	3,352
39	18	97 825	4 863,200	60 806,717	12,503	12,032	89	68	20 256	21,471	77,431	3,606	3,135
40	19	97 696	4 497,034	55 943,517	12,440	11,969	90	69	16 738	16,427	55,960	3,407	2,936
41	20	97 559	4 158,083	51 446,483	12,373	11,902	91	70	13 510	12,277	39,533	3,220	2,749
42	21	97 401	3 843,862	47 288,399	12,302	11,831	92	71	10 664	8,973	27,256	3,038	2,567
43	22	97 247	3 553,494	43 444,537	12,226	11,755	93	72	8 161	6,358	18,283	2,875	2,404
44	23	97 076	3 284,474	39 891,043	12,145	11,674	94	73	6 070	4,379	11,925	2,723	2,252
45	24	96 892	3 035,410	36 606,569	12,060	11,589	95	74	4 358	2,911	7,546	2,592	2,121
46	25	96 694	2 804,822	33 571,159	11,969	11,498	96	75	3 034	1,876	4,635	2,470	1,999
47	26	96 475	2 591,197	30 766,337	11,873	11,402	97	76	2 038	1,167	2,759	2,364	1,893
48	27	96 233	2 393,235	28 175,141	11,773	11,302	98	77	1 329	0,705	1,592	2,259	1,788
49	28	95 961	2 209,679	25 781,906	11,668	11,197	99	78	841	0,413	0,887	2,150	1,679
							100	79	506	0,230	0,474	2,061	1,590

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	28	95 679	2 039,991	23 591,580	11,565	11,094
1							51	29	95 349	1 882,363	21 551,589	11,449	10,978
2							52	30	94 984	1 736,264	19 669,226	11,328	10,857
3							53	31	94 578	1 600,775	17 932,963	11,203	10,732
4							54	32	94 121	1 475,033	16 332,188	11,072	10,601
5							55	33	93 618	1 358,475	14 857,155	10,937	10,466
6							56	34	93 053	1 250,256	13 498,680	10,797	10,326
7							57	35	92 428	1 149,873	12 248,424	10,652	10,181
8							58	36	91 732	1 056,676	11 098,551	10,503	10,032
9							59	37	90 980	970,384	10 041,875	10,348	9,877
10							60	38	90 144	890,246	9 071,491	10,190	9,719
11							61	39	89 233	815,974	8 181,244	10,026	9,555
12							62	40	88 230	747,042	7 365,270	9,859	9,388
13							63	41	87 138	683,143	6 618,228	9,688	9,217
14							64	42	85 946	623,888	5 935,085	9,513	9,042
15							65	43	84 663	569,050	5 311,197	9,333	8,862
16							66	44	83 289	518,344	4 742,147	9,149	8,678
17							67	45	81 812	471,439	4 223,803	8,959	8,488
18							68	46	80 246	428,165	3 752,364	8,764	8,293
19							69	47	78 577	388,203	3 324,199	8,563	8,092
20							70	48	76 821	351,412	2 935,996	8,355	7,884
21							71	49	74 978	317,574	2 584,585	8,139	7,667
22	0	99 289	18 263,185	239 645,814	13,122	12,651	72	50	72 985	286,234	2 267,011	7,920	7,449
23	1	98 960	16 854,385	221 382,630	13,135	12,664	73	51	70 935	257,590	1 980,776	7,690	7,219
24	2	98 896	15 595,885	204 528,245	13,114	12,643	74	52	68 747	231,152	1 723,186	7,455	6,984
25	3	98 838	14 432,123	188 932,360	13,091	12,620	75	53	66 457	206,898	1 492,035	7,211	6,740
26	4	98 785	13 355,843	174 500,237	13,065	12,594	76	54	64 022	184,555	1 285,136	6,963	6,492
27	5	98 732	12 359,934	161 144,394	13,038	12,567	77	55	61 455	164,032	1 100,582	6,710	6,239
28	6	98 681	11 438,459	148 784,461	13,007	12,536	78	56	58 797	145,313	936,550	6,445	5,974
29	7	98 628	10 585,494	137 346,002	12,975	12,504	79	57	55 978	128,097	791,237	6,177	5,706
30	8	98 575	9 796,081	126 760,508	12,940	12,469	80	58	53 008	112,317	663,140	5,904	5,433
31	9	98 515	9 065,002	116 964,427	12,903	12,432	81	59	49 843	97,786	550,824	5,633	5,162
32	10	98 454	8 388,260	107 899,425	12,863	12,392	82	60	46 526	84,517	453,038	5,360	4,889
33	11	98 388	7 761,731	99 511,165	12,821	12,350	83	61	43 075	72,452	368,521	5,086	4,615
34	12	98 312	7 181,197	91 749,434	12,776	12,305	84	62	39 450	61,440	296,069	4,819	4,348
35	13	98 236	6 644,164	84 568,237	12,728	12,257	85	63	35 696	51,476	234,628	4,558	4,087
36	14	98 154	6 146,873	77 924,073	12,677	12,206	86	64	31 842	42,516	183,152	4,308	3,837
37	15	98 059	5 685,998	71 777,200	12,624	12,152	87	65	27 982	34,595	140,636	4,065	3,594
38	16	97 949	5 258,952	66 091,202	12,567	12,096	88	66	24 176	27,675	106,041	3,832	3,361
39	17	97 837	4 863,831	60 832,250	12,507	12,036	89	67	20 448	21,674	78,366	3,616	3,145
40	18	97 712	4 497,764	55 968,419	12,444	11,973	90	68	16 910	16,596	56,692	3,416	2,945
41	19	97 575	4 158,767	51 470,656	12,376	11,905	91	69	13 668	12,421	40,096	3,228	2,757
42	20	97 417	3 844,492	47 311,888	12,306	11,835	92	70	10 799	9,087	27,675	3,046	2,575
43	21	97 264	3 554,097	43 467,397	12,230	11,759	93	71	8 276	6,447	18,588	2,883	2,412
44	22	97 092	3 285,025	39 913,300	12,150	11,679	94	72	6 162	4,445	12,141	2,731	2,260
45	23	96 908	3 035,907	36 628,275	12,065	11,594	95	73	4 432	2,960	7,695	2,600	2,129
46	24	96 710	2 805,283	33 592,368	11,975	11,504	96	74	3 090	1,911	4,735	2,478	2,007
47	25	96 494	2 591,700	30 787,085	11,879	11,408	97	75	2 079	1,191	2,824	2,372	1,901
48	26	96 251	2 393,662	28 195,385	11,779	11,308	98	76	1 359	0,721	1,633	2,267	1,795
49	27	95 981	2 210,143	25 801,723	11,674	11,203	99	77	861	0,423	0,913	2,159	1,688
							100	78	521	0,237	0,490	2,070	1,599

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	27	95 699	2 040,419	23 609,208	11,571	11,100
1							51	28	95 371	1 882,811	21 568,789	11,456	10,985
2							52	29	95 008	1 736,692	19 685,978	11,335	10,864
3							53	30	94 605	1 601,228	17 949,286	11,210	10,739
4							54	31	94 151	1 475,508	16 348,059	11,080	10,609
5							55	32	93 649	1 358,931	14 872,550	10,944	10,473
6							56	33	93 085	1 250,694	13 513,619	10,805	10,334
7							57	34	92 463	1 150,312	12 262,925	10,661	10,189
8							58	35	91 775	1 057,170	11 112,613	10,512	10,041
9							59	36	91 023	970,847	10 055,443	10,357	9,886
10							60	37	90 189	890,696	9 084,596	10,199	9,728
11							61	38	89 282	816,427	8 193,900	10,036	9,565
12							62	39	88 288	747,528	7 377,473	9,869	9,398
13							63	40	87 193	683,576	6 629,945	9,699	9,228
14							64	41	86 009	624,345	5 946,369	9,524	9,053
15							65	42	84 732	569,509	5 322,024	9,345	8,874
16							66	43	83 363	518,809	4 752,514	9,160	8,689
17							67	44	81 890	471,886	4 233,705	8,972	8,501
18							68	45	80 333	428,626	3 761,819	8,776	8,305
19							69	46	78 671	388,663	3 333,194	8,576	8,105
20							70	47	76 921	351,869	2 944,531	8,368	7,897
21							71	48	75 092	318,057	2 592,662	8,152	7,681
22							72	49	73 108	286,717	2 274,605	7,933	7,462
23	0	99 247	16 903,267	221 469,020	13,102	12,631	73	50	71 066	258,066	1 987,888	7,703	7,232
24	1	98 918	15 599,354	204 565,753	13,114	12,643	74	51	68 890	231,633	1 729,823	7,468	6,997
25	2	98 851	14 434,019	188 966,399	13,092	12,621	75	52	66 603	207,355	1 498,190	7,225	6,754
26	3	98 794	13 357,174	174 532,379	13,067	12,596	76	53	64 181	185,013	1 290,834	6,977	6,506
27	4	98 741	12 361,072	161 175,205	13,039	12,568	77	54	61 625	164,485	1 105,821	6,723	6,252
28	5	98 688	11 439,236	148 814,134	13,009	12,538	78	55	58 981	145,766	941,336	6,458	5,987
29	6	98 635	10 586,267	137 374,898	12,977	12,506	79	56	56 168	128,532	795,570	6,190	5,719
30	7	98 579	9 796,548	126 788,631	12,942	12,471	80	57	53 208	112,740	667,039	5,917	5,446
31	8	98 523	9 065,655	116 992,083	12,905	12,434	81	58	50 051	98,196	554,298	5,645	5,174
32	9	98 459	8 388,706	107 926,427	12,866	12,395	82	59	46 742	84,911	456,103	5,372	4,901
33	10	98 394	7 762,162	99 537,722	12,823	12,352	83	60	43 297	72,825	371,192	5,097	4,626
34	11	98 319	7 181,749	91 775,559	12,779	12,308	84	61	39 672	61,786	298,367	4,829	4,358
35	12	98 242	6 644,584	84 593,810	12,731	12,260	85	62	35 916	51,793	236,581	4,568	4,097
36	13	98 162	6 147,359	77 949,226	12,680	12,209	86	63	32 059	42,806	184,788	4,317	3,846
37	14	98 068	5 686,523	71 801,868	12,627	12,156	87	64	28 191	34,853	141,982	4,074	3,603
38	15	97 961	5 259,561	66 115,345	12,571	12,099	88	65	24 371	27,899	107,129	3,840	3,369
39	16	97 850	4 864,453	60 855,784	12,510	12,039	89	66	20 628	21,865	79,231	3,624	3,153
40	17	97 724	4 498,347	55 991,331	12,447	11,976	90	67	17 070	16,753	57,365	3,424	2,953
41	18	97 591	4 159,442	51 492,984	12,380	11,909	91	68	13 809	12,549	40,612	3,236	2,765
42	19	97 433	3 845,124	47 333,542	12,310	11,839	92	69	10 925	9,193	28,063	3,053	2,582
43	20	97 280	3 554,679	43 488,418	12,234	11,763	93	70	8 381	6,529	18,870	2,890	2,419
44	21	97 109	3 285,583	39 933,739	12,154	11,683	94	71	6 249	4,508	12,341	2,738	2,267
45	22	96 924	3 036,416	36 648,156	12,070	11,598	95	72	4 499	3,005	7,833	2,607	2,136
46	23	96 725	2 805,742	33 611,740	11,980	11,509	96	73	3 142	1,944	4,828	2,484	2,013
47	24	96 510	2 592,126	30 805,999	11,884	11,413	97	74	2 118	1,213	2,885	2,378	1,907
48	25	96 269	2 394,127	28 213,872	11,785	11,314	98	75	1 387	0,735	1,672	2,273	1,802
49	26	95 998	2 210,537	25 819,745	11,680	11,209	99	76	881	0,432	0,936	2,165	1,694
							100	77	533	0,242	0,504	2,078	1,607

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	26	95 716	2 040,783	23 625,235	11,577	11,106
1							51	27	95 391	1 883,206	21 584,453	11,462	10,991
2							52	28	95 030	1 737,106	19 701,247	11,341	10,870
3							53	29	94 628	1 601,623	17 964,141	11,216	10,745
4							54	30	94 178	1 475,926	16 362,519	11,086	10,615
5							55	31	93 679	1 359,369	14 886,593	10,951	10,480
6							56	32	93 117	1 251,114	13 527,224	10,812	10,341
7							57	33	92 496	1 150,715	12 276,110	10,668	10,197
8							58	34	91 810	1 057,574	11 125,395	10,520	10,049
9							59	35	91 066	971,301	10 067,821	10,365	9,894
10							60	36	90 232	891,121	9 096,521	10,208	9,737
11							61	37	89 328	816,839	8 205,399	10,045	9,574
12							62	38	88 337	747,943	7 388,560	9,879	9,407
13							63	39	87 250	684,021	6 640,618	9,708	9,237
14							64	40	86 064	624,741	5 956,597	9,535	9,063
15							65	41	84 794	569,927	5 331,856	9,355	8,884
16							66	42	83 431	519,228	4 761,929	9,171	8,700
17							67	43	81 963	472,309	4 242,700	8,983	8,512
18							68	44	80 409	429,031	3 770,392	8,788	8,317
19							69	45	78 755	389,082	3 341,360	8,588	8,117
20							70	46	77 012	352,286	2 952,279	8,380	7,909
21							71	47	75 189	318,470	2 599,993	8,164	7,693
22							72	48	73 219	287,153	2 281,522	7,945	7,474
23							73	49	71 186	258,501	1 994,370	7,715	7,244
24	0	99 205	15 644,597	204 645,050	13,081	12,610	74	50	69 018	232,061	1 735,869	7,480	7,009
25	1	98 873	14 437,230	189 000,454	13,091	12,620	75	51	66 742	207,787	1 503,808	7,237	6,766
26	2	98 807	13 358,930	174 563,223	13,067	12,596	76	52	64 323	185,422	1 296,021	6,990	6,519
27	3	98 751	12 362,304	161 204,293	13,040	12,569	77	53	61 778	164,893	1 110,599	6,735	6,264
28	4	98 697	11 440,289	148 841,989	13,010	12,539	78	54	59 144	146,169	945,706	6,470	5,999
29	5	98 642	10 586,986	137 401,700	12,978	12,507	79	55	56 343	128,933	799,537	6,201	5,730
30	6	98 586	9 797,263	126 814,714	12,944	12,473	80	56	53 389	113,123	670,604	5,928	5,457
31	7	98 527	9 066,087	117 017,451	12,907	12,436	81	57	50 240	98,566	557,481	5,656	5,185
32	8	98 466	8 389,310	107 951,363	12,868	12,397	82	58	46 938	85,266	458,915	5,382	4,911
33	9	98 399	7 762,575	99 562,053	12,826	12,355	83	59	43 498	73,165	373,649	5,107	4,636
34	10	98 325	7 182,149	91 799,478	12,782	12,311	84	60	39 876	62,104	300,484	4,838	4,367
35	11	98 250	6 645,095	84 617,330	12,734	12,263	85	61	36 118	52,084	238,380	4,577	4,106
36	12	98 168	6 147,747	77 972,235	12,683	12,212	86	62	32 256	43,069	186,296	4,325	3,854
37	13	98 075	5 686,972	71 824,488	12,630	12,159	87	63	28 382	35,090	143,227	4,082	3,611
38	14	97 970	5 260,046	66 137,516	12,574	12,103	88	64	24 553	28,107	108,137	3,847	3,376
39	15	97 861	4 865,016	60 877,469	12,513	12,042	89	65	20 795	22,042	80,030	3,631	3,160
40	16	97 737	4 498,922	56 012,453	12,450	11,979	90	66	17 221	16,901	57,988	3,431	2,960
41	17	97 603	4 159,982	51 513,531	12,383	11,912	91	67	13 940	12,667	41,087	3,243	2,772
42	18	97 449	3 845,748	47 353,550	12,313	11,842	92	68	11 038	9,288	28,419	3,060	2,589
43	19	97 296	3 555,263	43 507,802	12,238	11,767	93	69	8 479	6,606	19,132	2,896	2,425
44	20	97 124	3 286,121	39 952,538	12,158	11,687	94	70	6 328	4,565	12,526	2,744	2,273
45	21	96 940	3 036,932	36 666,418	12,074	11,602	95	71	4 562	3,047	7,961	2,613	2,141
46	22	96 742	2 806,213	33 629,486	11,984	11,513	96	72	3 190	1,973	4,914	2,490	2,019
47	23	96 526	2 592,550	30 823,273	11,889	11,418	97	73	2 154	1,234	2,941	2,384	1,913
48	24	96 285	2 394,521	28 230,723	11,790	11,319	98	74	1 413	0,749	1,707	2,279	1,808
49	25	96 017	2 210,967	25 836,202	11,685	11,214	99	75	899	0,441	0,958	2,171	1,700
							100	76	545	0,248	0,517	2,084	1,613

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2018/2020

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} \cdot 10^5$	D_{xy}	N_{xy}	\ddot{a}_{xy}	${}^{(12)}\ddot{a}_{xy}$
0							50	25	95 735	2 041,179	23 639,871	11,581	11,110
1							51	26	95 408	1 883,541	21 598,691	11,467	10,996
2							52	27	95 050	1 737,470	19 715,150	11,347	10,876
3							53	28	94 650	1 602,004	17 977,680	11,222	10,751
4							54	29	94 201	1 476,290	16 375,676	11,092	10,621
5							55	30	93 706	1 359,753	14 899,386	10,957	10,486
6							56	31	93 147	1 251,517	13 539,632	10,819	10,348
7							57	32	92 527	1 151,102	12 288,115	10,675	10,204
8							58	33	91 842	1 057,944	11 137,013	10,527	10,056
9							59	34	91 101	971,672	10 079,069	10,373	9,902
10							60	35	90 274	891,537	9 107,397	10,215	9,744
11							61	36	89 370	817,229	8 215,860	10,053	9,582
12							62	37	88 381	748,321	7 398,631	9,887	9,416
13							63	38	87 298	684,400	6 650,311	9,717	9,246
14							64	39	86 120	625,148	5 965,911	9,543	9,072
15							65	40	84 847	570,288	5 340,763	9,365	8,894
16							66	41	83 492	519,609	4 770,475	9,181	8,710
17							67	42	82 029	472,690	4 250,866	8,993	8,522
18							68	43	80 481	429,416	3 778,175	8,798	8,327
19							69	44	78 830	389,450	3 348,759	8,599	8,128
20							70	45	77 095	352,665	2 959,310	8,391	7,920
21							71	46	75 278	318,848	2 606,644	8,175	7,704
22							72	47	73 314	287,526	2 287,796	7,957	7,486
23							73	48	71 294	258,894	2 000,270	7,726	7,255
24							74	49	69 134	232,452	1 741,376	7,491	7,020
25	0	99 160	14 479,102	189 073,240	13,058	12,587	75	50	66 865	208,171	1 508,924	7,248	6,777
26	1	98 829	13 361,902	174 594,138	13,067	12,596	76	51	64 457	185,808	1 300,753	7,001	6,529
27	2	98 764	12 363,929	161 232,236	13,041	12,569	77	52	61 914	165,258	1 114,945	6,747	6,276
28	3	98 706	11 441,430	148 868,307	13,011	12,540	78	53	59 291	146,532	949,688	6,481	6,010
29	4	98 651	10 587,961	137 426,877	12,980	12,508	79	54	56 499	129,289	803,156	6,212	5,741
30	5	98 593	9 797,929	126 838,917	12,945	12,474	80	55	53 556	113,476	673,867	5,938	5,467
31	6	98 534	9 066,749	117 040,988	12,909	12,438	81	56	50 411	98,900	560,391	5,666	5,195
32	7	98 471	8 389,710	107 974,238	12,870	12,399	82	57	47 115	85,588	461,490	5,392	4,921
33	8	98 406	7 763,135	99 584,528	12,828	12,357	83	58	43 681	73,471	375,902	5,116	4,645
34	9	98 330	7 182,530	91 821,394	12,784	12,313	84	59	40 062	62,393	302,431	4,847	4,376
35	10	98 255	6 645,464	84 638,864	12,736	12,265	85	60	36 304	52,353	240,038	4,585	4,114
36	11	98 176	6 148,220	77 993,400	12,686	12,214	86	61	32 437	43,311	187,686	4,333	3,862
37	12	98 082	5 687,332	71 845,180	12,632	12,161	87	62	28 557	35,306	144,374	4,089	3,618
38	13	97 978	5 260,462	66 157,848	12,576	12,105	88	63	24 720	28,298	109,068	3,854	3,383
39	14	97 870	4 865,465	60 897,386	12,516	12,045	89	64	20 950	22,206	80,770	3,637	3,166
40	15	97 748	4 499,443	56 031,921	12,453	11,982	90	65	17 360	17,038	58,563	3,437	2,966
41	16	97 616	4 160,513	51 532,478	12,386	11,915	91	66	14 063	12,779	41,526	3,249	2,778
42	17	97 462	3 846,247	47 371,965	12,316	11,845	92	67	11 142	9,375	28,746	3,066	2,595
43	18	97 311	3 555,841	43 525,718	12,241	11,770	93	68	8 566	6,674	19,371	2,903	2,431
44	19	97 140	3 286,661	39 969,877	12,161	11,690	94	69	6 402	4,618	12,697	2,749	2,278
45	20	96 956	3 037,429	36 683,216	12,077	11,606	95	70	4 620	3,086	8,079	2,618	2,147
46	21	96 758	2 806,689	33 645,788	11,988	11,517	96	71	3 235	2,001	4,993	2,496	2,025
47	22	96 542	2 592,985	30 839,098	11,893	11,422	97	72	2 187	1,252	2,992	2,390	1,919
48	23	96 301	2 394,912	28 246,113	11,794	11,323	98	73	1 437	0,762	1,740	2,284	1,813
49	24	96 032	2 211,330	25 851,201	11,690	11,219	99	74	915	0,449	0,978	2,176	1,705
							100	75	557	0,253	0,529	2,090	1,618