

Statistisches Bundesamt; Life table for Germany, downloaded from: [www.destatis.de](http://www.destatis.de) (14.12.2018).

Life table (period life table): Germany, period of years,  
sex, completed age

Life tables  
Germany

Completed age	Sex						
	Male						
	Probability of death [q(x)]	Probability of survival [p(x)]	Survivors [l(x)]	Deaths [d(x)]	Number of years [L(x)] lived up to the age of x+1	Number of remaining years of life [T(x)]	Average life expectancy [e(x)]
	rate	rate	number	number	years	years	years
<b>2015/17</b>							
0 years	0.00355799	0.99644201	100	356	99.693	7,835,585	78.36
1 year	0.00028674	0.99971326	99.644	29	99.63	7,735,892	77.64
2 years	0.0001689	0.9998311	99.616	17	99.607	7,636,262	76.66
3 years	0.00010625	0.99989375	99.599	11	99.594	7,536,655	75.67
4 years	0.00010642	0.99989358	99.588	11	99.583	7,437,062	74.68
5 years	0.00009935	0.99990065	99.578	10	99.573	7,337,479	73.69
6 years	0.00009456	0.99990544	99.568	9	99.563	7,237,906	72.69
7 years	0.00007673	0.99992327	99.558	8	99.554	7,138,343	71.7
8 years	0.00008464	0.99991536	99.551	8	99.546	7,038,788	70.71
9 years	0.0000685	0.9999315	99.542	7	99.539	6,939,242	69.71
10 years	0.0000747	0.9999253	99.535	7	99.532	6,839,703	68.72
11 years	0.0000812	0.9999188	99.528	8	99.524	6,740,171	67.72
12 years	0.00006433	0.99993567	99.52	6	99.517	6,640,647	66.73
13 years	0.00009122	0.99990878	99.514	9	99.509	6,541,131	65.73
14 years	0.00012483	0.99987517	99.504	12	99.498	6,441,622	64.74
15 years	0.0001507	0.9998493	99.492	15	99.485	6,342,124	63.75
16 years	0.00024631	0.99975369	99.477	25	99.465	6,242,639	62.75
17 years	0.00028228	0.99971772	99.453	28	99.438	6,143,174	61.77
18 years	0.00037497	0.99962503	99.424	37	99.406	6,043,736	60.79
19 years	0.00040767	0.99959233	99.387	41	99.367	5,944,330	59.81
20 years	0.00044903	0.99955097	99.347	45	99.324	5,844,963	58.83
21 years	0.00042592	0.99957408	99.302	42	99.281	5,745,639	57.86
22 years	0.00045609	0.99954391	99.26	45	99.237	5,646,358	56.88
23 years	0.00041893	0.99958107	99.214	42	99.194	5,547,121	55.91
24 years	0.0004775	0.9995225	99.173	47	99.149	5,447,927	54.93
25 years	0.00045082	0.99954918	99.126	45	99.103	5,348,778	53.96
26 years	0.0004666	0.9995334	99.081	46	99.058	5,249,675	52.98
27 years	0.00048965	0.99951035	99.035	48	99.01	5,150,617	52.01
28 years	0.00049911	0.99950089	98.986	49	98.961	5,051,606	51.03
29 years	0.00057045	0.99942955	98.937	56	98.909	4,952,645	50.06
30 years	0.00058054	0.99941946	98.88	57	98.852	4,853,736	49.09
31 years	0.00067469	0.99932531	98.823	67	98.79	4,754,885	48.12
32 years	0.00068715	0.99931285	98.756	68	98.722	4,656,095	47.15
33 years	0.00073444	0.99926556	98.688	72	98.652	4,557,373	46.18
34 years	0.00079414	0.99920586	98.616	78	98.577	4,458,721	45.21

Life table (period life table): Germany, period of years,  
sex, completed age

Life tables  
Germany

Completed age	Sex						
	Male						
	Probability of death [q(x)]	Probability of survival [p(x)]	Survivors [l(x)]	Deaths [d(x)]	Number of years [L(x)] lived up to the age of x+1	Number of remaining years of life [T(x)]	Average life expectancy [e(x)]
	rate	rate	number	number	years	years	years
35 years	0.00085659	0.99914341	98.538	84	98.495	4,360,144	44.25
36 years	0.00089093	0.99910907	98.453	88	98.409	4,261,649	43.29
37 years	0.0010015	0.9989985	98.365	99	98.316	4,163,240	42.32
38 years	0.00103425	0.99896575	98.267	102	98.216	4,064,923	41.37
39 years	0.00109674	0.99890326	98.165	108	98.111	3,966,707	40.41
40 years	0.00125761	0.99874239	98.058	123	97.996	3,868,596	39.45
41 years	0.00132704	0.99867296	97.934	130	97.869	3,770,600	38.5
42 years	0.00144346	0.99855654	97.804	141	97.734	3,672,730	37.55
43 years	0.0015843	0.9984157	97.663	155	97.586	3,574,997	36.61
44 years	0.00180562	0.99819438	97.508	176	97.42	3,477,411	35.66
45 years	0.00201464	0.99798536	97.332	196	97.234	3,379,990	34.73
46 years	0.00220327	0.99779673	97.136	214	97.029	3,282,756	33.8
47 years	0.0024276	0.9975724	96.922	235	96.805	3,185,727	32.87
48 years	0.00272782	0.99727218	96.687	264	96.555	3,088,922	31.95
49 years	0.00304465	0.99695535	96.423	294	96.276	2,992,367	31.03
50 years	0.00340019	0.99659981	96.13	327	95.966	2,896,091	30.13
51 years	0.00376454	0.99623546	95.803	361	95.622	2,800,124	29.23
52 years	0.00428601	0.99571399	95.442	409	95.238	2,704,502	28.34
53 years	0.00482121	0.99517879	95.033	458	94.804	2,609,264	27.46
54 years	0.0054668	0.9945332	94.575	517	94.316	2,514,460	26.59
55 years	0.0060419	0.9939581	94.058	568	93.774	2,420,144	25.73
56 years	0.0067489	0.9932511	93.49	631	93.174	2,326,370	24.88
57 years	0.00738687	0.99261313	92.859	686	92.516	2,233,196	24.05
58 years	0.00832665	0.99167335	92.173	767	91.789	2,140,680	23.22
59 years	0.00913909	0.99086091	91.405	835	90.988	2,048,891	22.42
60 years	0.00993406	0.99006594	90.57	900	90.12	1,957,904	21.62
61 years	0.01092612	0.98907388	89.67	980	89.18	1,867,784	20.83
62 years	0.01200564	0.98799436	88.69	1,065	88.158	1,778,603	20.05
63 years	0.01311172	0.98688828	87.626	1,149	87.051	1,690,445	19.29
64 years	0.01427103	0.98572897	86.477	1,234	85.86	1,603,394	18.54
65 years	0.01547851	0.98452149	85.243	1,319	84.583	1,517,535	17.8
66 years	0.01646079	0.98353921	83.923	1,381	83.232	1,432,952	17.07
67 years	0.01790877	0.98209123	82.542	1,478	81.803	1,349,719	16.35
68 years	0.01941253	0.98058747	81.063	1,574	80.277	1,267,917	15.64
69 years	0.02081856	0.97918144	79.49	1,655	78.662	1,187,640	14.94
70 years	0.02274331	0.97725669	77.835	1,77	76.95	1,108,978	14.25
71 years	0.02436666	0.97563334	76.065	1,853	75.138	1,032,028	13.57

Life table (period life table): Germany, period of years,  
sex, completed age

Life tables  
Germany

Completed age	Sex						
	Male						
	Probability of death [q(x)]	Probability of survival [p(x)]	Survivors [l(x)]	Deaths [d(x)]	Number of years [L(x)] lived up to the age of x+1	Number of remaining years of life [T(x)]	Average life expectancy [e(x)]
	rate	rate	number	number	years	years	years
72 years	0.02643125	0.97356875	74.211	1.961	73.231	956.89	12.89
73 years	0.0288836	0.9711164	72.25	2.087	71.206	883.659	12.23
74 years	0.03075516	0.96924484	70.163	2.158	69.084	812.453	11.58
75 years	0.03424591	0.96575409	68.005	2.329	66.841	743.369	10.93
76 years	0.03736671	0.96263329	65.676	2.454	64.449	676.528	10.3
77 years	0.04140617	0.95859383	63.222	2.618	61.913	612.079	9.68
78 years	0.04590807	0.95409193	60.604	2.782	59.213	550.166	9.08
79 years	0.05111947	0.94888053	57.822	2.956	56.344	490.953	8.49
80 years	0.05828064	0.94171936	54.866	3.198	53.267	434.608	7.92
81 years	0.065656	0.934344	51.669	3.392	49.972	381.341	7.38
82 years	0.07439181	0.92560819	48.276	3.591	46.481	331.368	6.86
83 years	0.08308853	0.91691147	44.685	3.713	42.829	284.888	6.38
84 years	0.09446417	0.90553583	40.972	3.87	39.037	242.059	5.91
85 years	0.10740229	0.89259771	37.102	3.985	35.109	203.022	5.47
86 years	0.11995688	0.88004312	33.117	3.973	31.131	167.913	5.07
87 years	0.13352569	0.86647431	29.144	3.892	27.199	136.783	4.69
88 years	0.14951618	0.85048382	25.253	3.776	23.365	109.584	4.34
89 years	0.16406864	0.83593136	21.477	3.524	19.715	86.219	4.01
90 years	0.1826334	0.8173666	17.953	3.279	16.314	66.504	3.7
91 years	0.20201201	0.79798799	14.674	2.964	13.192	50.19	3.42
92 years	0.22593664	0.77406336	11.71	2.646	10.387	36.998	3.16
93 years	0.24402597	0.75597403	9.064	2.212	7.958	26.61	2.94
94 years	0.27084145	0.72915855	6.852	1.856	5.924	18.652	2.72
95 years	0.29365205	0.70634795	4.996	1.467	4.263	12.728	2.55
96 years	0.31417842	0.68582158	3.529	1.109	2.975	8.465	2.4
97 years	0.33147163	0.66852837	2.42	802	2.019	5.49	2.27
98 years	0.34796946	0.65203054	1.618	563	1.337	3.471	2.14
99 years	0.36909453	0.63090547	1.055	389	860	2.134	2.02
100 years	0.38971586	0.61028414	666	259	536	1.274	1.91

q(x) = Probability of death between ages x and x+1

p(x) = Probability of survival between ages x and x+1

l(x) = Number of survivors at exact age x

d(x) = Number of deaths between ages x and x+1

L(x) = Number of person-years lived between ages x and x+1

T(x) = Number of person-years remaining after exact age x

e(x) = Average life expectancy at exact age x (in years)

Life table (period life table): Germany, period of years, sex, completed age

Life tables  
Germany

Completed age	Sex						
	Female						
	Probability of death [q(x)]	Probability of survival [p(x)]	Survivors [l(x)]	Deaths [d(x)]	Number of years [L(x)] lived up to the age of x+1	Number of remaining years of life [T(x)]	Average life expectancy [e(x)]
	rate	rate	number	number	years	years	years
<b>2015/17</b>							
0 years	0.00307816	0.99692184	100	308	99.734	8,318,492	83.18
1 year	0.0002348	0.9997652	99.692	23	99.68	8,218,758	82.44
2 years	0.00011769	0.99988231	99.669	12	99.663	8,119,077	81.46
3 years	0.00011507	0.99988493	99.657	11	99.651	8,019,415	80.47
4 years	0.000096	0.999904	99.646	10	99.641	7,919,763	79.48
5 years	0.00009236	0.99990764	99.636	9	99.631	7,820,122	78.49
6 years	0.00008063	0.99991937	99.627	8	99.623	7,720,491	77.49
7 years	0.0000534	0.9999466	99.619	5	99.616	7,620,868	76.5
8 years	0.0000638	0.9999362	99.613	6	99.61	7,521,252	75.5
9 years	0.00005629	0.99994371	99.607	6	99.604	7,421,642	74.51
10 years	0.00006195	0.99993805	99.601	6	99.598	7,322,038	73.51
11 years	0.00007646	0.99992354	99.595	8	99.592	7,222,439	72.52
12 years	0.00008856	0.99991144	99.588	9	99.583	7,122,848	71.52
13 years	0.00009208	0.99990792	99.579	9	99.574	7,023,264	70.53
14 years	0.00010112	0.99989888	99.57	10	99.565	6,923,690	69.54
15 years	0.000132	0.999868	99.56	13	99.553	6,824,125	68.54
16 years	0.00015033	0.99984967	99.547	15	99.539	6,724,572	67.55
17 years	0.00014211	0.99985789	99.532	14	99.524	6,625,033	66.56
18 years	0.00019816	0.99980184	99.517	20	99.508	6,525,509	65.57
19 years	0.00018288	0.99981712	99.498	18	99.489	6,426,001	64.58
20 years	0.00019433	0.99980567	99.479	19	99.47	6,326,513	63.6
21 years	0.00017331	0.99982669	99.46	17	99.452	6,227,043	62.61
22 years	0.00017102	0.99982898	99.443	17	99.434	6,127,591	61.62
23 years	0.0001956	0.9998044	99.426	19	99.416	6,028,157	60.63
24 years	0.00017598	0.99982402	99.406	17	99.398	5,928,741	59.64
25 years	0.00018379	0.99981621	99.389	18	99.38	5,829,343	58.65
26 years	0.00020076	0.99979924	99.371	20	99.361	5,729,963	57.66
27 years	0.00022332	0.99977668	99.351	22	99.34	5,630,602	56.67
28 years	0.00024337	0.99975663	99.329	24	99.316	5,531,263	55.69
29 years	0.00026531	0.99973469	99.304	26	99.291	5,431,946	54.7
30 years	0.00031358	0.99968642	99.278	31	99.262	5,332,655	53.71
31 years	0.00032291	0.99967709	99.247	32	99.231	5,233,393	52.73
32 years	0.00034393	0.99965607	99.215	34	99.198	5,134,162	51.75
33 years	0.00035441	0.99964559	99.181	35	99.163	5,034,964	50.77
34 years	0.00041363	0.99958637	99.146	41	99.125	4,935,801	49.78

Life table (period life table): Germany, period of years,  
sex, completed age

Life tables  
Germany

Completed age	Sex						
	Female						
	Probability of death [q(x)]	Probability of survival [p(x)]	Survivors [l(x)]	Deaths [d(x)]	Number of years [L(x)] lived up to the age of x+1	Number of remaining years of life [T(x)]	Average life expectancy [e(x)]
	rate	rate	number	number	years	years	years
35 years	0.0004152	0.9995848	99.105	41	99.084	4,836,676	48.8
36 years	0.00044836	0.99955164	99.063	44	99.041	4,737,592	47.82
37 years	0.00046953	0.99953047	99.019	46	98.996	4,638,550	46.85
38 years	0.00059135	0.99940865	98.973	59	98.943	4,539,555	45.87
39 years	0.00058947	0.99941053	98.914	58	98.885	4,440,611	44.89
40 years	0.00069883	0.99930117	98.856	69	98.821	4,341,726	43.92
41 years	0.00072007	0.99927993	98.787	71	98.751	4,242,905	42.95
42 years	0.00080178	0.99919822	98.715	79	98.676	4,144,154	41.98
43 years	0.00090225	0.99909775	98.636	89	98.592	4,045,478	41.01
44 years	0.00100426	0.99899574	98.547	99	98.498	3,946,887	40.05
45 years	0.00113496	0.99886504	98.448	112	98.392	3,848,389	39.09
46 years	0.00125131	0.99874869	98.337	123	98.275	3,749,996	38.13
47 years	0.00140113	0.99859887	98.214	138	98.145	3,651,721	37.18
48 years	0.00160369	0.99839631	98.076	157	97.997	3,553,576	36.23
49 years	0.0017814	0.9982186	97.919	174	97.831	3,455,579	35.29
50 years	0.00189618	0.99810382	97.744	185	97.652	3,357,748	34.35
51 years	0.00214215	0.99785785	97.559	209	97.454	3,260,096	33.42
52 years	0.00240418	0.99759582	97.35	234	97.233	3,162,642	32.49
53 years	0.00265938	0.99734062	97.116	258	96.987	3,065,409	31.56
54 years	0.00297435	0.99702565	96.858	288	96.714	2,968,422	30.65
55 years	0.00329272	0.99670728	96.57	318	96.411	2,871,708	29.74
56 years	0.00361167	0.99638833	96.252	348	96.078	2,775,298	28.83
57 years	0.00397262	0.99602738	95.904	381	95.713	2,679,220	27.94
58 years	0.0044026	0.9955974	95.523	421	95.313	2,583,507	27.05
59 years	0.0047072	0.9952928	95.102	448	94.879	2,488,194	26.16
60 years	0.00535081	0.99464919	94.655	506	94.401	2,393,315	25.28
61 years	0.00572741	0.99427259	94.148	539	93.879	2,298,914	24.42
62 years	0.00612894	0.99387106	93.609	574	93.322	2,205,035	23.56
63 years	0.00667138	0.99332862	93.035	621	92.725	2,111,713	22.7
64 years	0.00732674	0.99267326	92.415	677	92.076	2,018,988	21.85
65 years	0.00797811	0.99202189	91.738	732	91.372	1,926,912	21
66 years	0.00873352	0.99126648	91.006	795	90.608	1,835,541	20.17
67 years	0.00961276	0.99038724	90.211	867	89.777	1,744,932	19.34
68 years	0.01056483	0.98943517	89.344	944	88.872	1,655,155	18.53
69 years	0.0111933	0.9888067	88.4	989	87.905	1,566,283	17.72
70 years	0.01267281	0.98732719	87.41	1.108	86.856	1,478,378	16.91
71 years	0.01361476	0.98638524	86.303	1.175	85.715	1,391,522	16.12

Life table (period life table): Germany, period of years,  
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Life tables  
Germany

Completed age	Sex						
	Female						
	Probability of death [q(x)]	Probability of survival [p(x)]	Survivors [l(x)]	Deaths [d(x)]	Number of years [L(x)] lived up to the age of x+1	Number of remaining years of life [T(x)]	Average life expectancy [e(x)]
	rate	rate	number	number	years	years	years
72 years	0.01477104	0.98522896	85.128	1.257	84.499	1,305,807	15.34
73 years	0.01619751	0.98380249	83.87	1.358	83.191	1,221,308	14.56
74 years	0.01730249	0.98269751	82.512	1.428	81.798	1,138,117	13.79
75 years	0.01926698	0.98073302	81.084	1.562	80.303	1,056,319	13.03
76 years	0.02158083	0.97841917	79.522	1.716	78.664	976.017	12.27
77 years	0.02425485	0.97574515	77.806	1.887	76.862	897.353	11.53
78 years	0.02776813	0.97223187	75.918	2.108	74.864	820.491	10.81
79 years	0.03207019	0.96792981	73.81	2.367	72.627	745.627	10.1
80 years	0.0379784	0.9620216	71.443	2.713	70.087	673	9.42
81 years	0.04362293	0.95637707	68.73	2.998	67.231	602.913	8.77
82 years	0.05046506	0.94953494	65.732	3.317	64.073	535.683	8.15
83 years	0.05751052	0.94248948	62.415	3.589	60.62	471.609	7.56
84 years	0.06688717	0.93311283	58.825	3.935	56.858	410.99	6.99
85 years	0.07770572	0.92229428	54.89	4.265	52.758	354.132	6.45
86 years	0.08870093	0.91129907	50.625	4.49	48.38	301.374	5.95
87 years	0.10087133	0.89912867	46.135	4.654	43.808	252.994	5.48
88 years	0.11511124	0.88488876	41.481	4.775	39.093	209.186	5.04
89 years	0.13085329	0.86914671	36.706	4.803	34.304	170.093	4.63
90 years	0.14958045	0.85041955	31.903	4.772	29.517	135.788	4.26
91 years	0.16877528	0.83122472	27.131	4.579	24.841	106.272	3.92
92 years	0.18889085	0.81110915	22.552	4.26	20.422	81.43	3.61
93 years	0.21046571	0.78953429	18.292	3.85	16.367	61.008	3.34
94 years	0.23250336	0.76749664	14.442	3.358	12.763	44.641	3.09
95 years	0.25874624	0.74125376	11.084	2.868	9.65	31.878	2.88
96 years	0.27447626	0.72552374	8.216	2.255	7.089	22.228	2.71
97 years	0.29650023	0.70349977	5.961	1.767	5.077	15.139	2.54
98 years	0.30789399	0.69210601	4.194	1.291	3.548	10.062	2.4
99 years	0.33060074	0.66939926	2.902	960	2.423	6.513	2.24
100 years	0.35313235	0.64686765	1.943	686	1.6	4.091	2.11

q(x) = Probability of death between ages x and x+1

p(x) = Probability of survival between ages x and x+1

l(x) = Number of survivors at exact age x

d(x) = Number of deaths between ages x and x+1

L(x) = Number of person-years lived between ages x and x+1

T(x) = Number of person-years remaining after exact age x

e(x) = Average life expectancy at exact age x (in years)

Life table (period life table): Germany, period of years,  
sex, completed age

Life tables  
Germany

		Sex					
		Female					
Completed age	Probability of death [q(x)]	Probability of survival [p(x)]	Survivors [l(x)]	Deaths [d(x)]	Number of years [L(x)] lived up to the age of x+1	Number of remaining years of life [T(x)]	Average life expectancy [e(x)]
	rate	rate	number	number	years	years	years

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