
Abridged Life Tables for Japan 2014

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Table A. Abridged Life Tables for Japan, 2014

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I . Life expectancies at specified ages

In the abridged life tables 2014, life expectancy at birth was 80.50 years for males, increasing by 0.29 from 80.21 in 2013, and 86.83 for females, increasing by 0.22 from 86.61.

The difference in life expectancy at birth between males and females was 6.33 years, decreasing by 0.07 years from 2013 to 2014.

Life expectancies at specified ages increased for both males and females from 2013 to 2014.

Table 1. Life expectancies at specified ages

Age	Male			Female		
	2014	2013	Increase	2014	2013	Increase
0	80.50	80.21	0.29	86.83	86.61	0.22
5	75.74	75.45	0.29	82.07	81.84	0.23
10	70.77	70.49	0.28	77.09	76.87	0.22
15	65.81	65.52	0.29	72.12	71.89	0.23
20	60.90	60.61	0.29	67.16	66.94	0.22
25	56.05	55.77	0.28	62.23	62.01	0.22
30	51.21	50.93	0.28	57.32	57.09	0.23
35	46.38	46.09	0.29	52.42	52.19	0.23
40	41.57	41.29	0.28	47.55	47.32	0.23
45	36.82	36.55	0.27	42.72	42.49	0.23
50	32.18	31.92	0.26	37.96	37.74	0.22
55	27.68	27.44	0.24	33.28	33.07	0.21
60	23.36	23.14	0.22	28.68	28.47	0.21
65	19.29	19.08	0.21	24.18	23.97	0.21
70	15.49	15.28	0.21	19.81	19.59	0.22
75	11.94	11.74	0.20	15.60	15.39	0.21
80	8.79	8.61	0.18	11.71	11.52	0.19
85	6.24	6.12	0.12	8.35	8.19	0.16
90	4.35	4.26	0.09	5.66	5.53	0.13

Table 2. Trend of life expectancies at birth

Year	Male	Female	Difference
1947	50.06	53.96	3.90
1950-1952	59.57	62.97	3.40
1955	63.60	67.75	4.15
1960	65.32	70.19	4.87
1965	67.74	72.92	5.18
1970	69.31	74.66	5.35
1975	71.73	76.89	5.16
1980	73.35	78.76	5.41
1985	74.78	80.48	5.70
1990	75.92	81.90	5.98
1995	76.38	82.85	6.47
2000	77.72	84.60	6.88
2005	78.56	85.52	6.96
2010	79.55	86.30	6.75
2011	79.44	85.90	6.46
2012	79.94	86.41	6.47
2013	80.21	86.61	6.40
2014	80.50	86.83	6.33

Notes: 1. Data of 1947-2010 were based on complete life tables.

2. Before 1970, data of Okinawa prefecture were not included.

II. Survivorship in the life tables

In the abridged life tables 2014, the number of survivors at age 65 was 88,404 for males per 100,000 hypothetical cohort and 93,996 for females. This means that the survival rate at age 65 was 88.4% for males and 94.0% for females. In the same way, it followed that the survival rate at age 75 was 74.1% for males and 87.3% for females, and the survival rate at age 90 was 24.2% for males and 48.3% for females.

The median length of life, which means the age when exactly half of the cohort remains alive, was 83.49 years for males and 89.63 years for females, which was 2.99 years longer than the life expectancy for males and 2.80 years for females.

Table 3. Trend of survival rate at specified ages

(%)

Year	Male					Female				
	Age 40	65	75	90	95	Age 40	65	75	90	95
1947	68.0	39.8	18.5	0.9	0.1	70.9	49.1	29.0	2.0	0.2
1950-1952	81.8	55.1	29.4	2.0	0.3	83.2	62.8	40.5	4.0	0.6
1955	87.0	61.8	34.6	2.7	0.5	89.0	70.6	47.6	6.2	1.3
1960	89.7	64.8	36.1	2.3	0.4	92.2	75.2	51.5	6.0	1.2
1965	92.6	69.1	39.9	2.3	0.3	95.0	80.0	57.1	6.5	1.2
1970	93.7	72.1	43.5	3.5	0.6	96.1	82.6	61.2	8.6	1.9
1975	95.1	76.8	51.0	5.4	1.1	96.9	86.1	67.8	12.0	2.9
1980	96.1	79.4	55.7	7.1	1.5	97.6	88.5	72.7	16.0	4.2
1985	96.7	81.1	60.2	9.4	2.2	98.0	90.1	76.9	21.2	6.4
1990	97.1	82.6	63.0	11.6	3.0	98.3	91.3	79.8	26.3	9.0
1995	97.2	83.3	63.8	12.8	3.4	98.4	91.6	81.2	30.9	11.9
2000	97.5	84.7	66.7	17.3	5.7	98.6	92.6	83.7	38.8	17.7
2005	97.7	85.7	69.3	19.3	6.5	98.7	93.1	85.1	42.7	20.8
2010	97.9	87.0	72.2	21.5	7.3	98.8	93.6	86.5	46.2	22.8
2011	97.8	86.9	71.9	21.3	7.2	98.6	93.1	85.9	45.4	22.1
2012	98.1	87.8	73.1	22.2	7.5	98.8	93.8	86.9	46.5	22.7
2013	98.1	88.0	73.6	23.1	8.1	98.9	93.9	87.1	47.2	23.4
2014	98.1	88.4	74.1	24.2	8.7	98.9	94.0	87.3	48.3	24.4

Notes: 1. Data of 1947-2010 were based on complete life tables.

2. Before 1970, data of Okinawa prefecture were not included.

Table 4. Trend of the median length of life and life expectancy at birth

(years)

Year	Male			Female		
	median length of life	life expectancy at birth	difference	median length of life	life expectancy at birth	difference
1947	59.28	50.06	9.22	64.45	53.96	10.49
1950-1952	67.22	59.57	7.65	71.31	62.97	8.34
1955	69.79	63.60	6.19	74.19	67.75	6.44
1960	70.66	65.32	5.34	75.44	70.19	5.25
1965	72.00	67.74	4.26	77.04	72.92	4.12
1970	73.10	69.31	3.79	78.19	74.66	3.53
1975	75.31	71.73	3.58	80.17	76.89	3.28
1980	76.69	73.35	3.34	81.75	78.76	2.99
1985	78.06	74.78	3.28	83.38	80.48	2.90
1990	79.13	75.92	3.21	84.71	81.90	2.81
1995	79.49	76.38	3.11	85.73	82.85	2.88
2000	80.74	77.72	3.02	87.41	84.60	2.81
2005	81.56	78.56	3.00	88.34	85.52	2.82
2010	82.60	79.55	3.05	89.17	86.30	2.87
2011	82.55	79.44	3.11	88.98	85.90	3.08
2012	82.95	79.94	3.01	89.25	86.41	2.84
2013	83.19	80.21	2.98	89.40	86.61	2.79
2014	83.49	80.50	2.99	89.63	86.83	2.80

Notes: 1. Data of 1947-2010 were based on complete life tables.

2. Before 1970, data of Okinawa prefecture were not included.

III. Life expectancies at birth in some countries

In general, it is rather difficult to compare life expectancies accurately among different countries. One of the reasons is the periods based on are not always accordant with each other.

Next table provides the life expectancies at birth in some countries as far as we have obtained.

Table 5. Life expectancies at birth in some countries

(Life expectancy : years, Population : 10 thousands)

Country	Period	Male	Female	Population	
	Japan	2014*	80.50	86.83	12 543
AFRICA	Algeria	2013	76.5	77.6	3 830
	Egypt	2011	68.59	71.35	8 463
	South Africa	2009	53.5	57.2	5 298
	Tunisia	2012*	71.6	76.6	1 089
NORTH AMERICA	Canada	2009-2011*	79.33	83.60	3 516
	Costa Rica	2010	76.82	81.78	472
	Cuba	2011 - 2013	76.50	80.45	1 119
	Mexico	2013*	71.7	77.4	11 840
	United States	2013*	76.4	81.2	31 391
SOUTH AMERICA	Argentina	2006-2010	71.56	79.06	4 166
	Brazil	2013*	71.3	78.6	20 103
	Chile	2012	76.35	81.43	1 756
	Colombia	2005 - 2010	70.67	77.51	4 712
	Peru	2000 - 2005	69.00	74.32	3 048
ASIA	Bangladesh	2011	67.93	70.26	15 061
	China	2010*	72.38	77.37	135 738
	Cyprus	2010-2011	79.0	82.9	86
	India	2006-2010*	64.6	67.7	121 337
	Iran	2011	71.5	74.0	7 694
	Israel	2013*	80.3	83.9	806
	Malaysia	2014*	72.5	77.2	2 995
	Pakistan	2007	63.55	67.62	18 435
	Qatar	2011	76.47	80.95	183
	Republic of Korea	2013*	78.5	85.1	5 022
	Singapore	2014*	80.5	84.9	540
	Thailand	2013*	71.7	78.1	6 791
	Turkey	2013	73.7	79.4	7 615
EUROPE	Austria	2014*	78.91	83.74	848
	Belgium	2013*	77.9	82.9	1 116
	Czech Republic	2014*	75.78	81.69	1 051
	Denmark	2013-2014*	78.5	82.7	561
	Finland	2014*	78.2	83.9	544
	France	2014*	79.2	85.4	6 379
	Germany	2010-2012*	77.72	82.80	8 065
	Greece	2012	77.92	82.97	1 103
	Iceland	2013*	80.8	83.7	32
	Italy	2013*	79.81	84.62	6 023
	Netherlands	2014*	79.9	83.3	1 680
	Norway	2014*	80.03	84.10	508
	Poland	2014*	73.8	81.6	3 851
	Russian Federation	2013*	65.13	76.30	14 351
	Spain	2013*	79.97	85.60	4 662
	Sweden	2014*	80.35	84.05	960
	Switzerland	2013*	80.5	84.8	804
Ukraine	2012	66.11	76.02	4 555	
United Kingdom	2011-2013*	79.15	82.92	6 390	
OCEANIA	Australia	2011-2013*	80.1	84.3	2 313
	New Zealand	2012-2014*	79.6	83.3	447

Reference: *In Hong Kong of 2014, life expectancy at birth for males was 81.17 years and that for females was 86.75 years.
(Population: 719 ten thousands)

Note: Population in this table means mid-year estimated population in 2013 (in cases of United States, India, Qatar and Thailand 2012, Bangladesh 2011).

On the other hand, population of Japan was estimated population at Oct.1, 2014.

Source: Demographic Yearbook 2013 U.N.

*Data offered from the government concerned.

IV. Analysis by cause of death

1. Mortality probability by cause of death

Mortality probability by cause of death means the probability that a person of a given age will die from a specific cause of death in the future according to the life tables.

As for leading causes of death in 2014, the mortality probability by malignant neoplasms was the highest for both males and females at age 0, followed by heart diseases, pneumonia and cerebrovascular diseases for males and heart diseases, then cerebrovascular diseases and pneumonia at the same rate for females. Comparing data between age 0 and 65, the mortality probability was lower at age 65 than at age 0 for malignant neoplasms. And for the other three leading causes it was higher at age 65. This trend was more likely observed at age 75. On the other hand, for cerebrovascular diseases, the mortality probability was lower at age 90 than at age 75 for both males and females.

The total of the mortality probabilities by malignant neoplasms, heart diseases and cerebrovascular diseases was over 50 percent at age 0 and 65 for male, however under 50 percent at all the ages for females.

Table 6. Mortality probability by causes of death, 2014

(%)

Cause of death	Age 0		Age 65		Age 75		Age 90	
	Male	Female	Male	Female	Male	Female	Male	Female
Malignant neoplasms	29.42	20.27	28.97	18.42	25.63	16.18	15.27	9.56
Heart diseases	14.42	17.78	14.54	18.46	14.90	18.98	16.69	19.78
Cerebrovascular diseases	8.37	9.75	8.54	9.98	8.76	10.18	8.19	10.05
Pneumonia	11.37	9.75	12.52	10.25	13.88	10.73	17.16	11.90
Accidents	3.27	2.49	2.87	2.38	2.82	2.32	2.46	1.85
Traffic accidents(regrouped)	0.50	0.23	0.27	0.17	0.22	0.13	0.08	0.03
Suicide	2.08	0.94	0.69	0.39	0.46	0.25	0.22	0.08
Chronic obstructive pulmonary disease	2.12	0.51	2.36	0.54	2.56	0.55	2.38	0.49
Renal failure	2.00	2.14	2.16	2.24	2.33	2.31	2.70	2.28
Aortic aneurysm and dissection	1.25	1.16	1.24	1.18	1.22	1.16	0.96	0.82
Diseases of liver	1.23	0.76	0.88	0.68	0.65	0.60	0.30	0.31
Diabetes mellitus	1.00	0.97	0.97	0.98	0.90	0.96	0.63	0.77
Hypertensive diseases	0.45	0.81	0.47	0.86	0.50	0.90	0.69	1.12
Tuberculosis	0.21	0.13	0.23	0.14	0.25	0.14	0.29	0.11
Senility	4.43	12.50	5.01	13.30	5.94	14.29	12.45	21.22
Malignant neoplasms, heart diseases and cerebrovascular diseases (regrouped)	52.20	47.80	52.05	46.86	49.28	45.35	40.16	39.38

2. Potential years of life lost

If a certain cause of death was eliminated, a person who had died from the cause would die from another cause after he or she originally had died. As a result, life expectancy would be extended. This extended period of life time, which is called the potential years of life lost, can be regarded as one's life lost by the cause of death, and it enables us to estimate how much the cause affects life expectancy.

In 2014, the potential years of life lost by malignant neoplasms were the longest at age 0 for both males and females, followed by heart diseases, pneumonia and cerebrovascular diseases for males, and, heart diseases, cerebrovascular diseases and pneumonia for females. The order was also the same at age 65 and 75, while some causes changed ranks at age 90: pneumonia, heart diseases, malignant neoplasms and cerebrovascular diseases for males, and heart diseases, pneumonia, malignant neoplasms and cerebrovascular diseases for females.

Potential years of life lost by malignant neoplasms, heart diseases and cerebrovascular diseases was 7.28 years for males and 6.02 years for females at age 0, 5.88 years for males and 4.83 years for females at age 65, 4.41 years for males and 3.99 years for females at age 75, 1.89 years for males and 2.07 years for females at age 90.

Table 7. Potential years of life lost, 2014

Cause of death	(years)							
	Age 0		Age 65		Age 75		Age 90	
	Male	Female	Male	Female	Male	Female	Male	Female
Malignant neoplasms	3.80	2.94	3.02	2.00	2.03	1.38	0.58	0.42
Heart diseases	1.46	1.42	1.13	1.34	0.95	1.27	0.62	0.87
Cerebrovascular diseases	0.82	0.80	0.65	0.72	0.56	0.66	0.29	0.41
Pneumonia	0.83	0.66	0.84	0.65	0.84	0.64	0.65	0.48
Accidents	0.48	0.30	0.23	0.20	0.18	0.16	0.08	0.07
Traffic accidents(regrouped)	0.13	0.05	0.03	0.02	0.02	0.01	0.00	0.00
Suicide	0.66	0.31	0.08	0.05	0.03	0.02	0.01	0.00
Chronic obstructive pulmonary disease	0.15	0.04	0.16	0.04	0.15	0.04	0.08	0.02
Renal failure	0.15	0.15	0.14	0.15	0.13	0.14	0.09	0.09
Aortic aneurysm and dissection	0.13	0.11	0.10	0.10	0.08	0.08	0.03	0.03
Diseases of liver	0.21	0.11	0.09	0.07	0.05	0.05	0.01	0.01
Diabetes mellitus	0.11	0.09	0.08	0.08	0.06	0.07	0.02	0.03
Hypertensive diseases	0.04	0.05	0.03	0.05	0.03	0.05	0.02	0.04
Tuberculosis	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.00
Malignant neoplasms, heart diseases and cerebrovascular diseases	7.28	6.02	5.88	4.83	4.41	3.99	1.89	2.07

Table A. Abridged Life Tables for Japan, 2014

Male

age x	probability of dying nq_x	number of survivors l_x	number of deaths nd_x	stationary population		life expectancy ${}^o e_x$
				number of person-years nL_x	total person-years T_x	
0 (W)	0.00072	100 000	72	1 917	8 049 842	80.50
1	0.00011	99 928	11	1 916	8 047 925	80.54
2	0.00008	99 916	8	1 916	8 046 009	80.53
3	0.00007	99 909	7	1 916	8 044 093	80.51
4	0.00023	99 901	22	8 985	8 042 177	80.50
2 (M)	0.00016	99 879	16	8 323	8 033 191	80.43
3	0.00037	99 862	37	24 961	8 024 869	80.36
6	0.00040	99 826	40	49 902	7 999 908	80.14
0 (Y)	0.00214	100 000	214	99 836	8 049 842	80.50
1	0.00032	99 786	32	99 768	7 950 006	79.67
2	0.00022	99 754	22	99 743	7 850 238	78.70
3	0.00016	99 732	16	99 724	7 750 495	77.71
4	0.00013	99 716	12	99 710	7 650 772	76.73
5	0.00011	99 704	11	99 698	7 551 062	75.74
6	0.00011	99 692	11	99 687	7 451 364	74.74
7	0.00010	99 681	10	99 676	7 351 677	73.75
8	0.00009	99 671	9	99 667	7 252 001	72.76
9	0.00009	99 663	9	99 658	7 152 334	71.77
10	0.00008	99 654	8	99 650	7 052 676	70.77
11	0.00009	99 646	9	99 641	6 953 026	69.78
12	0.00010	99 637	10	99 632	6 853 385	68.78
13	0.00012	99 627	12	99 621	6 753 753	67.79
14	0.00015	99 615	15	99 608	6 654 132	66.80
15	0.00018	99 600	18	99 592	6 554 524	65.81
16	0.00022	99 582	22	99 572	6 454 933	64.82
17	0.00027	99 560	27	99 547	6 355 361	63.83
18	0.00033	99 533	33	99 518	6 255 814	62.85
19	0.00040	99 501	39	99 482	6 156 296	61.87
20	0.00047	99 461	46	99 439	6 056 814	60.90
21	0.00052	99 415	52	99 389	5 957 376	59.92
22	0.00056	99 363	56	99 335	5 857 986	58.96
23	0.00058	99 307	58	99 278	5 758 651	57.99
24	0.00058	99 250	58	99 221	5 659 373	57.02
25	0.00057	99 192	57	99 163	5 560 152	56.05
26	0.00057	99 135	56	99 107	5 460 988	55.09
27	0.00058	99 079	57	99 050	5 361 881	54.12
28	0.00060	99 022	60	98 992	5 262 831	53.15
29	0.00063	98 962	62	98 931	5 163 839	52.18
30	0.00065	98 900	64	98 868	5 064 908	51.21
31	0.00066	98 836	65	98 803	4 966 040	50.25
32	0.00068	98 771	67	98 737	4 867 237	49.28
33	0.00070	98 703	69	98 669	4 768 499	48.31
34	0.00073	98 634	72	98 598	4 669 831	47.35
35	0.00075	98 562	74	98 525	4 571 232	46.38
36	0.00078	98 488	76	98 450	4 472 707	45.41
37	0.00082	98 412	81	98 372	4 374 256	44.45
38	0.00090	98 331	89	98 287	4 275 885	43.48
39	0.00100	98 242	98	98 194	4 177 598	42.52
40	0.00109	98 144	107	98 091	4 079 404	41.57
41	0.00119	98 037	116	97 980	3 981 312	40.61
42	0.00130	97 921	127	97 859	3 883 332	39.66
43	0.00144	97 794	141	97 725	3 785 474	38.71
44	0.00158	97 653	155	97 577	3 687 749	37.76
45	0.00173	97 498	168	97 415	3 590 172	36.82
46	0.00187	97 330	182	97 240	3 492 757	35.89
47	0.00204	97 148	198	97 050	3 395 517	34.95
48	0.00225	96 949	218	96 842	3 298 467	34.02
49	0.00250	96 731	242	96 613	3 201 625	33.10

Male

age x	probability of dying nq_x	number of survivors l_x	number of deaths nd_x	stationary population		life expectancy ${}^{\circ}e_x$
				number of person-years nL_x	total person-years T_x	
50	0.00276	96 490	266	96 359	3 105 012	32.18
51	0.00304	96 223	292	96 080	3 008 653	31.27
52	0.00333	95 931	319	95 774	2 912 574	30.36
53	0.00366	95 612	350	95 440	2 816 799	29.46
54	0.00403	95 262	384	95 073	2 721 360	28.57
55	0.00444	94 878	421	94 670	2 626 287	27.68
56	0.00486	94 456	459	94 230	2 531 617	26.80
57	0.00530	93 997	498	93 751	2 437 387	25.93
58	0.00580	93 499	542	93 231	2 343 636	25.07
59	0.00638	92 956	593	92 665	2 250 404	24.21
60	0.00703	92 364	649	92 044	2 157 740	23.36
61	0.00778	91 715	713	91 364	2 065 695	22.52
62	0.00862	91 002	785	90 615	1 974 332	21.70
63	0.00958	90 217	864	89 792	1 883 716	20.88
64	0.01062	89 353	949	88 885	1 793 925	20.08
65	0.01165	88 404	1 030	87 895	1 705 040	19.29
66	0.01266	87 373	1 106	86 827	1 617 145	18.51
67	0.01372	86 267	1 184	85 682	1 530 318	17.74
68	0.01491	85 084	1 268	84 457	1 444 636	16.98
69	0.01628	83 815	1 364	83 141	1 360 179	16.23
70	0.01780	82 451	1 468	81 726	1 277 038	15.49
71	0.01940	80 983	1 571	80 206	1 195 312	14.76
72	0.02100	79 412	1 667	78 587	1 115 106	14.04
73	0.02281	77 745	1 773	76 868	1 036 519	13.33
74	0.02504	75 972	1 902	75 032	959 652	12.63
75	0.02785	74 069	2 063	73 052	884 619	11.94
76	0.03125	72 006	2 250	70 897	811 567	11.27
77	0.03507	69 756	2 446	68 550	740 670	10.62
78	0.03937	67 310	2 650	66 002	672 120	9.99
79	0.04434	64 660	2 867	63 245	606 117	9.37
80	0.05011	61 793	3 096	60 264	542 872	8.79
81	0.05668	58 697	3 327	57 053	482 608	8.22
82	0.06409	55 370	3 549	53 613	425 555	7.69
83	0.07229	51 821	3 746	49 963	371 942	7.18
84	0.08111	48 075	3 899	46 137	321 978	6.70
85	0.09055	44 176	4 000	42 182	275 842	6.24
86	0.10080	40 176	4 050	38 153	233 659	5.82
87	0.11209	36 126	4 049	34 099	195 506	5.41
88	0.12468	32 077	3 999	30 071	161 407	5.03
89	0.13840	28 077	3 886	26 122	131 336	4.68
90	0.15267	24 191	3 693	22 326	105 214	4.35
91	0.16776	20 498	3 439	18 755	82 889	4.04
92	0.18372	17 059	3 134	15 465	64 133	3.76
93	0.20055	13 925	2 793	12 499	48 668	3.49
94	0.21829	11 133	2 430	9 887	36 169	3.25
95	0.23695	8 702	2 062	7 641	26 282	3.02
96	0.25654	6 640	1 704	5 760	18 641	2.81
97	0.27707	4 937	1 368	4 226	12 881	2.61
98	0.29855	3 569	1 066	3 013	8 655	2.43
99	0.32096	2 503	804	2 082	5 643	2.25
100	0.34429	1 700	585	1 391	3 561	2.09
101	0.36851	1 115	411	897	2 170	1.95
102	0.39359	704	277	556	1 273	1.81
103	0.41949	427	179	330	718	1.68
104	0.44613	248	111	188	387	1.56
105 -	1.00000	137	137	199	199	1.45

Table A. Abridged Life Tables for Japan, 2014

Female

age x	probability of dying nq_x	number of survivors l_x	number of deaths nd_x	stationary population		life expectancy e_x^o
				number of person-years nL_x	total person-years T_x	
0 (W)	0.00069	100 000	69	1 917	8 683 073	86.83
1	0.00009	99 931	9	1 916	8 681 156	86.87
2	0.00006	99 922	6	1 916	8 679 239	86.86
3	0.00007	99 916	7	1 916	8 677 323	86.85
4	0.00025	99 909	25	8 986	8 675 407	86.83
2 (M)	0.00015	99 884	15	8 323	8 666 421	86.76
3	0.00032	99 869	32	24 963	8 658 098	86.69
6	0.00035	99 837	35	49 909	8 633 135	86.47
0 (Y)	0.00198	100 000	198	99 847	8 683 073	86.83
1	0.00030	99 802	30	99 786	8 583 226	86.00
2	0.00021	99 772	21	99 762	8 483 440	85.03
3	0.00014	99 751	14	99 744	8 383 678	84.05
4	0.00010	99 738	10	99 732	8 283 934	83.06
5	0.00009	99 727	9	99 723	8 184 202	82.07
6	0.00008	99 719	8	99 715	8 084 479	81.07
7	0.00006	99 711	6	99 708	7 984 764	80.08
8	0.00006	99 705	6	99 702	7 885 056	79.08
9	0.00006	99 699	6	99 696	7 785 354	78.09
10	0.00006	99 693	6	99 690	7 685 657	77.09
11	0.00006	99 687	6	99 684	7 585 967	76.10
12	0.00007	99 681	6	99 677	7 486 283	75.10
13	0.00007	99 674	7	99 671	7 386 606	74.11
14	0.00007	99 668	7	99 664	7 286 935	73.11
15	0.00008	99 661	8	99 657	7 187 271	72.12
16	0.00010	99 652	10	99 648	7 087 614	71.12
17	0.00012	99 643	12	99 637	6 987 966	70.13
18	0.00015	99 630	15	99 623	6 888 330	69.14
19	0.00017	99 615	17	99 607	6 788 707	68.15
20	0.00019	99 598	19	99 589	6 689 100	67.16
21	0.00021	99 579	21	99 569	6 589 511	66.17
22	0.00023	99 558	23	99 547	6 489 943	65.19
23	0.00024	99 535	24	99 523	6 390 396	64.20
24	0.00025	99 511	25	99 499	6 290 873	63.22
25	0.00027	99 486	27	99 473	6 191 374	62.23
26	0.00028	99 460	28	99 446	6 091 901	61.25
27	0.00029	99 432	29	99 418	5 992 455	60.27
28	0.00030	99 403	30	99 388	5 893 038	59.28
29	0.00031	99 374	31	99 358	5 793 649	58.30
30	0.00033	99 342	33	99 326	5 694 291	57.32
31	0.00035	99 309	35	99 292	5 594 965	56.34
32	0.00036	99 274	36	99 256	5 495 673	55.36
33	0.00038	99 238	38	99 219	5 396 417	54.38
34	0.00040	99 201	40	99 181	5 297 197	53.40
35	0.00043	99 161	42	99 140	5 198 016	52.42
36	0.00046	99 119	46	99 096	5 098 876	51.44
37	0.00050	99 073	49	99 048	4 999 780	50.47
38	0.00054	99 023	54	98 997	4 900 732	49.49
39	0.00060	98 969	59	98 940	4 801 735	48.52
40	0.00066	98 910	65	98 878	4 702 795	47.55
41	0.00071	98 845	71	98 810	4 603 917	46.58
42	0.00076	98 774	75	98 737	4 505 107	45.61
43	0.00082	98 699	81	98 659	4 406 370	44.64
44	0.00090	98 618	88	98 574	4 307 711	43.68
45	0.00099	98 529	97	98 481	4 209 137	42.72
46	0.00109	98 432	107	98 379	4 110 656	41.76
47	0.00119	98 325	117	98 267	4 012 277	40.81
48	0.00129	98 207	126	98 145	3 914 010	39.85
49	0.00139	98 081	137	98 014	3 815 865	38.91

Female

age x	probability of dying nq_x	number of survivors l_x	number of deaths nd_x	stationary population		life expectancy ${}^o e_x$
				number of person-years nL_x	total person-years T_x	
50	0.00152	97 944	149	97 871	3 717 851	37.96
51	0.00166	97 795	163	97 715	3 619 980	37.02
52	0.00181	97 632	177	97 545	3 522 266	36.08
53	0.00196	97 456	191	97 361	3 424 720	35.14
54	0.00212	97 265	206	97 163	3 327 359	34.21
55	0.00228	97 059	221	96 949	3 230 196	33.28
56	0.00244	96 837	237	96 720	3 133 247	32.36
57	0.00260	96 600	251	96 476	3 036 527	31.43
58	0.00276	96 349	266	96 217	2 940 051	30.51
59	0.00295	96 083	283	95 943	2 843 834	29.60
60	0.00318	95 799	304	95 649	2 747 891	28.68
61	0.00344	95 495	329	95 333	2 652 242	27.77
62	0.00375	95 166	357	94 991	2 556 909	26.87
63	0.00410	94 810	389	94 618	2 461 919	25.97
64	0.00450	94 421	425	94 211	2 367 300	25.07
65	0.00488	93 996	459	93 770	2 273 089	24.18
66	0.00525	93 537	491	93 295	2 179 319	23.30
67	0.00563	93 047	524	92 788	2 086 025	22.42
68	0.00606	92 523	561	92 246	1 993 237	21.54
69	0.00660	91 962	607	91 663	1 900 991	20.67
70	0.00727	91 355	664	91 029	1 809 328	19.81
71	0.00805	90 691	730	90 332	1 718 299	18.95
72	0.00889	89 962	799	89 568	1 627 967	18.10
73	0.00987	89 162	880	88 729	1 538 399	17.25
74	0.01103	88 282	974	87 804	1 449 669	16.42
75	0.01242	87 308	1 084	86 776	1 361 866	15.60
76	0.01408	86 224	1 214	85 629	1 275 089	14.79
77	0.01606	85 010	1 365	84 341	1 189 460	13.99
78	0.01841	83 645	1 540	82 891	1 105 119	13.21
79	0.02116	82 105	1 737	81 254	1 022 228	12.45
80	0.02438	80 368	1 959	79 408	940 974	11.71
81	0.02802	78 409	2 197	77 331	861 566	10.99
82	0.03225	76 211	2 458	75 005	784 235	10.29
83	0.03715	73 754	2 740	72 408	709 230	9.62
84	0.04274	71 013	3 035	69 521	636 823	8.97
85	0.04906	67 978	3 335	66 336	567 302	8.35
86	0.05612	64 644	3 628	62 854	500 966	7.75
87	0.06436	61 016	3 927	59 077	438 112	7.18
88	0.07417	57 089	4 234	54 997	379 035	6.64
89	0.08565	52 854	4 527	50 614	324 038	6.13
90	0.09880	48 327	4 775	45 957	273 424	5.66
91	0.11266	43 553	4 907	41 105	227 467	5.22
92	0.12713	38 646	4 913	36 185	186 362	4.82
93	0.14228	33 733	4 800	31 318	150 177	4.45
94	0.15706	28 933	4 544	26 637	118 859	4.11
95	0.17422	24 389	4 249	22 238	92 222	3.78
96	0.19300	20 140	3 887	18 164	69 984	3.47
97	0.21350	16 253	3 470	14 482	51 820	3.19
98	0.23581	12 783	3 014	11 237	37 339	2.92
99	0.26003	9 769	2 540	8 459	26 102	2.67
100	0.28620	7 229	2 069	6 156	17 643	2.44
101	0.31439	5 160	1 622	4 313	11 487	2.23
102	0.34460	3 538	1 219	2 897	7 174	2.03
103	0.37682	2 319	874	1 856	4 278	1.85
104	0.41099	1 445	594	1 127	2 422	1.68
105 -	1.00000	851	851	1 295	1 295	1.52