
Abridged Life Tables For Japan 2005

Statistics and Information Department
Minister's Secretariat
Ministry of Health,Labour and Welfare
Japanese Government
1-2-2,Kasumigaseki,Chiyoda-ku
Tokyo 100-8916
Japan

Ministry of Health, Labour and Welfare Homepage (URL) <http://www.mhlw.go.jp/>

CONTENTS

- I . Life expectancies at specified ages
- II . Survival situation in the life table
- III. Life expectancies at birth in some countries
- IV. Analyses by cause of death

Table A . Abridged Life Tables for Japan 2005

I . Life expectancies at specified ages

In the abridged life tables for 2005, life expectancy at birth for males is 78.53 years, decreased by 0.11 years from that of the previous year, and that for females is 85.49 years, decreased by 0.10 years.

Life expectancies at specified ages for males and females decrease at all age. The difference in life expectancy at birth between males and females is 6.96 years, 0.01 years longer than that of the previous year.

Table 1. Life expectancies at specified ages and their increments compared with that of the previous year

Age	Male			Female			(years)
	2005	2004	Increase	2005	2004	Increase	
0	78.53	78.64	△ 0.11	85.49	85.59	△ 0.10	
5	73.85	73.96	△ 0.11	80.78	80.88	△ 0.10	
10	68.90	69.00	△ 0.10	75.81	75.92	△ 0.11	
15	63.94	64.04	△ 0.10	70.84	70.94	△ 0.10	
20	59.05	59.15	△ 0.10	65.90	66.01	△ 0.11	
25	54.22	54.32	△ 0.10	60.99	61.09	△ 0.10	
30	49.39	49.49	△ 0.10	56.09	56.18	△ 0.09	
35	44.58	44.68	△ 0.10	51.20	51.29	△ 0.09	
40	39.82	39.93	△ 0.11	46.35	46.44	△ 0.09	
45	35.14	35.25	△ 0.11	41.54	41.63	△ 0.09	
50	30.59	30.70	△ 0.11	36.81	36.90	△ 0.09	
55	26.21	26.33	△ 0.12	32.17	32.27	△ 0.10	
60	22.06	22.17	△ 0.11	27.62	27.74	△ 0.12	
65	18.11	18.21	△ 0.10	23.16	23.28	△ 0.12	
70	14.38	14.51	△ 0.13	18.85	18.98	△ 0.13	
75	11.07	11.23	△ 0.16	14.80	14.93	△ 0.13	
80	8.23	8.39	△ 0.16	11.11	11.23	△ 0.12	
85	5.93	6.07	△ 0.14	7.97	8.10	△ 0.13	
90	4.23	4.36	△ 0.13	5.56	5.69	△ 0.13	
95	3.05	3.21	△ 0.16	3.90	4.02	△ 0.12	
100	2.21	2.41	△ 0.20	2.80	2.96	△ 0.16	

Table 2. Trends of life expectancy at birth

Year	Male	Female	(years)
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
2001	78.07	84.93	6.86
2002	78.32	85.23	6.91
2003	78.36	85.33	6.97
2004	78.64	85.59	6.95
2005	78.53	85.49	6.96

Notes: 1.Data up to 2000 is based on complete life tables.

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

II. Survival situation in the life table

In the abridged life tables for 2005, the number of survivors at age 65 is 85,606 for males and 93,069 for females in a stationary population supported by 100,000 annual live births. These facts lead that the survival ratio until age 65 is 85.6% for males and 93.1% for females. In the same way, it follows that the survival ratio until age 80 is 55.0% for males and 76.8% for females.

The number of stationary population from age 0 is 7,853,104 for males and 8,548,580 for females. The number of stationary population from age 65 is 1,549,936(19.7%) for males and 2,155,750(25.2%) for females. These facts lead that ratio of total person-years from age 65 to total person-years from age 0 is 19.7% for males and 25.2% for females.

The median length of life, which means the age when exactly half of the cohort remain alive, is 81.49 years for males and 88.27 years for females.

Table 3. Survival ratio until specified ages

Year	Male			Female			(%)
	Age40	65	80	Age40	65	80	
1947	68.0	39.8	9.5	70.9	49.1	17.3	
1950-1952	81.8	55.1	16.6	83.2	62.8	26.1	
1955	87.0	61.8	20.0	89.0	70.6	31.9	
1960	89.7	64.8	20.1	92.2	75.2	33.8	
1965	92.6	69.1	22.6	95.0	80.0	38.4	
1970	93.7	72.1	26.1	96.1	82.6	43.0	
1975	95.1	76.8	33.2	96.9	86.1	50.7	
1980	96.1	79.4	37.8	97.6	88.5	57.0	
1985	96.7	81.1	42.8	98.0	90.1	63.0	
1990	97.1	82.6	46.9	98.3	91.3	67.8	
1995	97.2	83.3	48.2	98.4	91.6	70.2	
2000	97.5	84.7	52.5	98.6	92.6	74.5	
2001	97.6	85.1	53.5	98.6	92.8	75.3	
2002	97.7	85.4	54.2	98.6	92.9	75.9	
2003	97.6	85.3	54.5	98.6	93.0	76.3	
2004	97.7	85.7	55.2	98.7	93.0	76.8	
2005	97.7	85.6	55.0	98.7	93.1	76.8	

Notes:1.Data up to 2000 is based on complete life tables.

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

Table 4. Total person-years from age 65 ratio

Year	Male	Female	(%)
1947	
1950-1952	10.5	13.3	
1955	11.5	14.7	
1960	11.5	15.1	
1965	12.1	16.0	
1970	13.0	17.0	
1975	14.7	18.5	
1980	15.8	19.9	
1985	16.8	21.2	
1990	17.6	22.3	
1995	18.0	23.2	
2000	19.1	24.5	
2001	19.4	24.8	
2002	19.6	25.0	
2003	19.6	25.1	
2004	19.8	25.3	
2005	19.7	25.2	

Notes:1.Data up to 2000 is based on complete life tables.

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

Table5 The median length of life

Year	Male	Female	(years)
1947	59.28	64.45	
1950-1952	67.22	71.31	
1955	69.79	74.19	
1960	70.66	75.44	
1965	72.00	77.04	
1970	73.10	78.19	
1975	75.31	80.17	
1980	76.69	81.75	
1985	78.06	83.38	
1990	79.13	84.71	
1995	79.49	85.73	
2000	80.74	87.41	
2001	81.08	87.72	
2002	81.28	88.02	
2003	81.35	88.09	
2004	81.57	88.34	
2005	81.49	88.27	

Notes:1.Data up to 2000 is based on complete life tables.

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

III. Life expectancies at birth in some countries

In general, it is rather difficult to compare the life expectancies exactly among different countries, because 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 6. Life expectancies at birth in some countries

(Life expectancy:years, Population:10 thousands)					
Country		Period	Male	Female	Population
Japan		2005*	78.53	85.49	12 621
AFRICA	Algeria	2000	72.5	74.2	3 185
	Egypt	2004*	68.4	72.8	6 798
	Nigeria	2000-2005	52.0	52.2	12 615
	South Africa	1996*	52.11	61.60	4 643
	Tunisia	2004*	71.4	75.3	984
NORTH AMERICA	Canada	2002*	77.2	82.1	3 166
	Mexico	2005*	73.0	77.9	10 421
	United States	2003*	74.8	80.1	29 081
SOUTH AMERICA	Argentina	2000-2001*	70.0	77.5	3 787
	Brazil	2004*	67.9	75.5	17 899
	Chile	2001-2002	74.4	80.4	1 592
	Peru	1995-2000	65.9	70.8	2 715
ASIA	China	2000*	69.63	73.33	128 840
	India	1998-2002*	61.6	63.3	106 821
	Indonesia	1990-1995	61.0	64.5	21 425
	Israel	2003*	77.6	81.8	669
	Korea, Republic of	2003*	73.87	80.82	4 793
	Malaysia	2002	70.7	75.2	2 505
	Singapore	2005*	77.9	81.6	419
	Thailand	2002*	69.9	74.9	6 348
EUROPE	Austria	2004*	76.43	82.14	812
	Belgium	2002	75.1	81.1	1 038
	Czech Republic	2005*	72.88	79.10	1 020
	Denmark	2004-2005*	75.64	80.24	539
	Finland	2005*	75.5	82.3	521
	France	2003*	75.9	82.9	5 977
	Germany	2002-2004*	75.89	81.55	8 253
	Iceland	2001-2005*	78.9	82.8	29
	Italy	2002*	77.11	82.96	5 761
	Netherlands	2004*	76.9	81.4	1 623
	Norway	2005*	77.72	82.52	457
	Poland	2004*	70.67	79.23	3 820
	Russian Federation	2003	58.8	72.0	14 457
	Spain	2004*	77.2	83.8	4 187
	Sweden	2005*	78.29	82.58	896
OCEANIA	Switzerland	2004*	78.6	83.7	734
	United Kingdom	2002-2004*	76.26	80.73	5 955
	Australia	2003*	77.8	82.8	1 987
	New Zealand	2003-2005*	77.5	81.7	401

Reference: In Hong Kong of 2004, life expectancy at birth for males is 79.0 years, and that for females is 84.7 years. (population: 680 ten thousands)

Note: Population means by the mid-year estimate of 2003.

But population of Japan is Estimated Population at Oct. 1, 2005

Source: Demographic Yearbook 2003, U.N., Recent demographic developments in Europe 2004, Council of Europe, etc.

*Data offered from the government concerned.

IV. Analyses by cause of death

1. Mortality probabilities by cause of death

Mortality probability by cause of death means the probability that a person at specific ages will die of specified cause of death in the future.

As for leading causes of death in 2005, the probability of malignant neoplasms is the largest for both sexes at age 0, followed by heart diseases, pneumonia, cerebrovascular diseases for males and H.C.P. for females.

The mortality probability of three leading causes of death (i.e. malignant neoplasms, heart diseases and cerebrovascular diseases) accounts for over 50 percent for both sexes.

Table 7. Mortality probabilities by causes of death

Cause of death	Age 0		Age 65		Age 80		(%)
	Male	Female	Male	Female	Male	Female	
Malignant neoplasms	29.88	20.54	29.30	18.63	22.44	14.64	
Heart diseases	14.88	19.17	15.16	19.97	16.03	20.91	
Cerebrovascular diseases	11.57	14.52	12.18	15.01	13.14	15.64	
Pneumonia	12.46	12.01	14.14	12.75	17.80	14.24	
Accidents	3.82	2.75	3.11	2.53	2.92	2.35	
Traffic accidents	0.91	0.42	0.47	0.29	0.29	0.17	
Suicide	2.65	1.06	0.82	0.47	0.46	0.27	
Renal failure	1.90	2.43	2.10	2.55	2.47	2.73	
Diseases of liver	1.41	0.85	0.96	0.77	0.54	0.59	
Diabetes mellitus	1.08	1.17	1.03	1.18	0.81	1.06	
Hypertensive diseases	0.44	0.92	0.48	0.98	0.58	1.10	
Tuberculosis	0.29	0.14	0.30	0.14	0.34	0.14	
Senility	2.02	6.17	2.36	6.63	3.55	7.96	
Three leading causes of death (i.e. malignant neoplasms, heart diseases and cerebrovascular diseases)	56.33	54.23	56.63	53.61	51.62	51.20	

2. Potential years of life lost

Assuming that a certain cause of death is eliminated, a person, who should have died of that cause, would die of another cause afterwards. As a result, one's life span would be extended. This extension, which is called the potential years of life lost of the cause, can be regarded as one's life lost by that cause of death, and it enable us to estimate the effect of that cause to one's life expectancy.

In 2005, the ranking of causes by potential years of life lost at age 0 is the 1st malignant neoplasms, the 2nd heart diseases, the 3rd cerebrovascular diseases, and the 4th pneumonia for both sexes.

Potential years of life lost by the three leading causes of death are 8.49 years for male and 7.68 years for female at age 0, 6.85 years for male and 6.39 years for female at age 65, 4.28 years for male and 4.84 years for female at age 80.

Table 8. Potential years of life lost

Cause of death	(years)					
	Age 0		Age 65		Age 80	
	Male	Female	Male	Female	Male	Female
Malignant neoplasms	4.00	3.02	3.07	2.03	1.45	1.07
Heart diseases	1.60	1.73	1.22	1.63	0.92	1.43
Cerebrovascular diseases	1.13	1.29	0.95	1.19	0.75	1.03
Pneumonia	0.94	0.88	0.99	0.89	1.02	0.89
Accidents	0.66	0.38	0.25	0.22	0.16	0.15
Traffic accidents	0.25	0.11	0.05	0.04	0.02	0.02
Suicide	0.78	0.34	0.09	0.06	0.03	0.02
Renal failure	0.15	0.18	0.14	0.18	0.13	0.16
Diseases of liver	0.25	0.12	0.10	0.08	0.03	0.04
Diabetes mellitus	0.13	0.12	0.09	0.11	0.05	0.07
Hypertensive diseases	0.03	0.06	0.03	0.06	0.03	0.06
Tuberculosis	0.03	0.02	0.02	0.02	0.02	0.01
Three leading causes of death (i.e. malignant neoplasms, heart diseases and cerebrovascular diseases)	8.49	7.68	6.85	6.39	4.28	4.84

Table A.Abridged life tables for Japan 2005

Male

age <i>x</i>	death rate <i>nq_x</i>	number of survivors <i>l_x</i>	number of deaths <i>nd_x</i>	stationary population		life expectancy \mathring{e}_x
				<i>nL_x</i>	<i>T_x</i>	
0 (W)	0.00111	100 000	111	1 915	7 853 104	78.53
1	0.00017	99 889	17	1 914	7 851 189	78.60
2	0.00013	99 872	13	1 914	7 849 274	78.59
3	0.00010	99 859	10	1 914	7 847 360	78.58
4	0.00028	99 849	28	8 986	7 845 447	78.57
2 (M)	0.00022	99 821	22	8 318	7 836 461	78.51
3	0.00050	99 799	50	24 943	7 828 144	78.44
6	0.00048	99 749	48	49 860	7 803 200	78.23
0 (Y)	0.00298	100 000	298	99 764	7 853 104	78.53
1	0.00045	99 702	44	99 680	7 753 340	77.77
2	0.00031	99 657	31	99 642	7 653 660	76.80
3	0.00022	99 626	22	99 615	7 554 018	75.82
4	0.00016	99 605	16	99 596	7 454 403	74.84
5	0.00014	99 589	14	99 581	7 354 807	73.85
6	0.00015	99 574	14	99 567	7 255 226	72.86
7	0.00014	99 560	14	99 553	7 155 659	71.87
8	0.00013	99 546	13	99 539	7 056 106	70.88
9	0.00011	99 533	11	99 527	6 956 567	69.89
10	0.00009	99 522	9	99 517	6 857 040	68.90
11	0.00009	99 513	9	99 508	6 757 523	67.91
12	0.00010	99 504	10	99 499	6 658 014	66.91
13	0.00014	99 494	13	99 487	6 558 515	65.92
14	0.00018	99 480	18	99 472	6 459 028	64.93
15	0.00023	99 462	23	99 452	6 359 556	63.94
16	0.00028	99 440	28	99 426	6 260 105	62.95
17	0.00035	99 412	35	99 395	6 160 678	61.97
18	0.00043	99 377	43	99 356	6 061 283	60.99
19	0.00050	99 334	50	99 310	5 961 927	60.02
20	0.00056	99 284	55	99 257	5 862 618	59.05
21	0.00059	99 229	59	99 200	5 763 360	58.08
22	0.00061	99 170	61	99 140	5 664 160	57.12
23	0.00063	99 109	63	99 078	5 565 020	56.15
24	0.00064	99 047	63	99 015	5 465 942	55.19
25	0.00064	98 984	63	98 952	5 366 927	54.22
26	0.00065	98 920	64	98 888	5 267 975	53.25
27	0.00066	98 856	66	98 824	5 169 087	52.29
28	0.00069	98 791	68	98 757	5 070 263	51.32
29	0.00072	98 722	71	98 687	4 971 507	50.36
30	0.00074	98 651	73	98 615	4 872 820	49.39
31	0.00076	98 578	75	98 541	4 774 205	48.43
32	0.00079	98 504	78	98 465	4 675 664	47.47
33	0.00085	98 426	84	98 384	4 577 199	46.50
34	0.00092	98 342	90	98 298	4 478 815	45.54
35	0.00098	98 252	97	98 204	4 380 517	44.58
36	0.00105	98 155	103	98 104	4 282 313	43.63
37	0.00112	98 052	110	97 998	4 184 209	42.67
38	0.00121	97 942	118	97 884	4 086 211	41.72
39	0.00132	97 824	129	97 760	3 988 327	40.77
40	0.00144	97 695	140	97 625	3 890 567	39.82
41	0.00155	97 554	151	97 480	3 792 941	38.88
42	0.00168	97 403	164	97 322	3 695 461	37.94
43	0.00185	97 239	180	97 151	3 598 139	37.00
44	0.00205	97 059	199	96 962	3 500 989	36.07
45	0.00227	96 861	219	96 753	3 404 027	35.14
46	0.00250	96 641	242	96 522	3 307 274	34.22
47	0.00273	96 399	263	96 269	3 210 752	33.31
48	0.00297	96 136	286	95 995	3 114 483	32.40
49	0.00326	95 850	312	95 697	3 018 488	31.49

Male

age <i>x</i>	death rate <i>nq</i> _{<i>x</i>}	number of survivors <i>l</i> _{<i>x</i>}	number of deaths <i>nd</i> _{<i>x</i>}	stationary population		life expectancy \mathring{e} _{<i>x</i>}
				<i>nL</i> _{<i>x</i>}	<i>T</i> _{<i>x</i>}	
50	0.00358	95 538	342	95 370	2 922 791	30.59
51	0.00394	95 196	375	95 012	2 827 421	29.70
52	0.00434	94 821	412	94 618	2 732 410	28.82
53	0.00478	94 409	451	94 187	2 637 791	27.94
54	0.00527	93 958	496	93 714	2 543 604	27.07
55	0.00584	93 463	546	93 194	2 449 890	26.21
56	0.00642	92 917	597	92 623	2 356 695	25.36
57	0.00699	92 321	645	92 002	2 264 072	24.52
58	0.00760	91 675	696	91 331	2 172 070	23.69
59	0.00824	90 979	750	90 608	2 080 739	22.87
60	0.00894	90 229	807	89 830	1 990 130	22.06
61	0.00969	89 422	867	88 994	1 900 300	21.25
62	0.01047	88 555	927	88 097	1 811 306	20.45
63	0.01121	87 629	982	87 142	1 723 209	19.66
64	0.01201	86 646	1 041	86 131	1 636 067	18.88
65	0.01292	85 606	1 106	85 058	1 549 936	18.11
66	0.01401	84 499	1 184	83 915	1 464 877	17.34
67	0.01540	83 315	1 283	82 683	1 380 963	16.58
68	0.01711	82 032	1 404	81 341	1 298 280	15.83
69	0.01913	80 628	1 543	79 869	1 216 939	15.09
70	0.02138	79 086	1 690	78 253	1 137 070	14.38
71	0.02383	77 395	1 845	76 486	1 058 817	13.68
72	0.02640	75 550	1 995	74 566	982 331	13.00
73	0.02919	73 556	2 147	72 495	907 766	12.34
74	0.03230	71 409	2 306	70 269	835 270	11.70
75	0.03578	69 103	2 472	67 880	765 001	11.07
76	0.03969	66 630	2 645	65 322	697 121	10.46
77	0.04407	63 986	2 820	62 590	631 798	9.87
78	0.04896	61 166	2 995	59 683	569 208	9.31
79	0.05441	58 171	3 165	56 602	509 525	8.76
80	0.06031	55 006	3 317	53 359	452 923	8.23
81	0.06690	51 689	3 458	49 970	399 564	7.73
82	0.07396	48 231	3 567	46 455	349 593	7.25
83	0.08178	44 664	3 652	42 844	303 138	6.79
84	0.09067	41 011	3 719	39 157	260 294	6.35
85	0.10077	37 293	3 758	35 416	221 138	5.93
86	0.11204	33 535	3 757	31 654	185 722	5.54
87	0.12413	29 778	3 696	27 921	154 068	5.17
88	0.13657	26 081	3 562	24 286	126 147	4.84
89	0.14956	22 519	3 368	20 817	101 860	4.52
90	0.16312	19 151	3 124	17 567	81 043	4.23
91	0.17726	16 028	2 841	14 582	63 476	3.96
92	0.19200	13 186	2 532	11 894	48 894	3.71
93	0.20734	10 655	2 209	9 523	37 000	3.47
94	0.22328	8 446	1 886	7 476	27 477	3.25
95	0.23984	6 560	1 573	5 748	20 001	3.05
96	0.25700	4 987	1 282	4 323	14 253	2.86
97	0.27479	3 705	1 018	3 175	9 930	2.68
98	0.29318	2 687	788	2 275	6 755	2.51
99	0.31217	1 899	593	1 588	4 480	2.36
100-	1.00000	1 306	1 306	2 892	2 892	2.21

Table A.Abridged life tables for Japan 2005

Female

age <i>x</i>	death rate <i>nq_x</i>	number of survivors <i>l_x</i>	number of deaths <i>nd_x</i>	stationary population		life expectancy \mathring{e}_x
				<i>nL_x</i>	<i>T_x</i>	
0 (W)	0.00093	100 000	93	1 915	8 548 580	85.49
1	0.00021	99 907	21	1 914	8 546 665	85.55
2	0.00011	99 886	11	1 914	8 544 750	85.55
3	0.00008	99 875	8	1 914	8 542 836	85.54
4	0.00025	99 868	25	8 987	8 540 922	85.52
2 (M)	0.00015	99 843	15	8 320	8 531 934	85.45
3	0.00039	99 828	39	24 952	8 523 615	85.38
6	0.00041	99 789	41	49 882	8 498 662	85.17
0 (Y)	0.00252	100 000	252	99 800	8 548 580	85.49
1	0.00034	99 748	34	99 730	8 448 780	84.70
2	0.00025	99 714	25	99 702	8 349 050	83.73
3	0.00018	99 689	18	99 680	8 249 348	82.75
4	0.00013	99 671	13	99 664	8 149 669	81.77
5	0.00011	99 658	11	99 653	8 050 004	80.78
6	0.00009	99 647	9	99 643	7 950 352	79.78
7	0.00009	99 638	9	99 634	7 850 709	78.79
8	0.00008	99 629	8	99 625	7 751 075	77.80
9	0.00007	99 621	7	99 618	7 651 450	76.81
10	0.00007	99 614	7	99 611	7 551 832	75.81
11	0.00006	99 607	6	99 604	7 452 222	74.82
12	0.00007	99 601	7	99 598	7 352 617	73.82
13	0.00008	99 594	8	99 590	7 253 020	72.83
14	0.00010	99 586	10	99 581	7 153 429	71.83
15	0.00012	99 576	12	99 570	7 053 848	70.84
16	0.00014	99 564	14	99 557	6 954 278	69.85
17	0.00018	99 550	17	99 541	6 854 721	68.86
18	0.00021	99 532	21	99 522	6 755 179	67.87
19	0.00024	99 512	24	99 500	6 655 657	66.88
20	0.00026	99 488	26	99 475	6 556 157	65.90
21	0.00028	99 462	28	99 448	6 456 682	64.92
22	0.00030	99 434	30	99 419	6 357 234	63.93
23	0.00032	99 404	32	99 388	6 257 815	62.95
24	0.00032	99 372	32	99 356	6 158 427	61.97
25	0.00031	99 340	31	99 324	6 059 071	60.99
26	0.00030	99 309	30	99 294	5 959 747	60.01
27	0.00031	99 279	31	99 264	5 860 453	59.03
28	0.00032	99 248	32	99 232	5 761 190	58.05
29	0.00035	99 216	34	99 199	5 661 957	57.07
30	0.00037	99 182	37	99 164	5 562 758	56.09
31	0.00040	99 145	39	99 126	5 463 594	55.11
32	0.00042	99 106	42	99 085	5 364 468	54.13
33	0.00045	99 064	45	99 042	5 265 383	53.15
34	0.00049	99 019	49	98 995	5 166 341	52.18
35	0.00053	98 970	52	98 944	5 067 346	51.20
36	0.00056	98 918	56	98 891	4 968 402	50.23
37	0.00060	98 862	59	98 833	4 869 511	49.26
38	0.00064	98 803	64	98 772	4 770 678	48.28
39	0.00070	98 739	69	98 706	4 671 906	47.32
40	0.00075	98 671	74	98 634	4 573 201	46.35
41	0.00081	98 597	80	98 557	4 474 567	45.38
42	0.00087	98 517	86	98 475	4 376 009	44.42
43	0.00094	98 431	92	98 386	4 277 535	43.46
44	0.00103	98 339	101	98 289	4 179 149	42.50
45	0.00113	98 238	111	98 184	4 080 859	41.54
46	0.00124	98 127	121	98 068	3 982 676	40.59
47	0.00135	98 006	132	97 941	3 884 608	39.64
48	0.00147	97 874	144	97 803	3 786 667	38.69
49	0.00161	97 730	158	97 653	3 688 864	37.75

Famale

age <i>x</i>	death rate <i>nq_x</i>	number of survivors <i>l_x</i>	number of deaths <i>nd_x</i>	stationary population		life expectancy \mathring{e}_x
				<i>nL_x</i>	<i>T_x</i>	
50	0.00177	97 573	172	97 488	3 591 211	36.81
51	0.00192	97 401	187	97 308	3 493 723	35.87
52	0.00209	97 213	203	97 113	3 396 415	34.94
53	0.00226	97 010	219	96 902	3 299 302	34.01
54	0.00245	96 791	237	96 674	3 202 401	33.09
55	0.00266	96 554	257	96 427	3 105 727	32.17
56	0.00288	96 296	278	96 159	3 009 300	31.25
57	0.00306	96 019	294	95 873	2 913 141	30.34
58	0.00323	95 725	310	95 571	2 817 268	29.43
59	0.00343	95 415	327	95 253	2 721 696	28.52
60	0.00366	95 088	348	94 916	2 626 443	27.62
61	0.00394	94 740	373	94 556	2 531 528	26.72
62	0.00427	94 367	403	94 168	2 436 972	25.82
63	0.00460	93 964	432	93 751	2 342 804	24.93
64	0.00495	93 532	463	93 304	2 249 053	24.05
65	0.00538	93 069	501	92 822	2 155 750	23.16
66	0.00590	92 568	546	92 299	2 062 928	22.29
67	0.00649	92 022	597	91 727	1 970 629	21.41
68	0.00717	91 424	655	91 102	1 878 901	20.55
69	0.00798	90 769	724	90 413	1 787 799	19.70
70	0.00893	90 045	804	89 650	1 697 386	18.85
71	0.01005	89 241	896	88 801	1 607 736	18.02
72	0.01129	88 344	998	87 854	1 518 935	17.19
73	0.01265	87 347	1 105	86 803	1 431 081	16.38
74	0.01415	86 242	1 220	85 642	1 344 278	15.59
75	0.01583	85 022	1 346	84 360	1 258 636	14.80
76	0.01772	83 676	1 483	82 946	1 174 276	14.03
77	0.01985	82 193	1 631	81 391	1 091 330	13.28
78	0.02235	80 562	1 800	79 677	1 009 939	12.54
79	0.02542	78 761	2 002	77 779	930 262	11.81
80	0.02911	76 759	2 234	75 663	852 484	11.11
81	0.03362	74 525	2 505	73 296	776 821	10.42
82	0.03875	72 020	2 791	70 648	703 524	9.77
83	0.04437	69 229	3 072	67 716	632 876	9.14
84	0.05054	66 157	3 344	64 508	565 160	8.54
85	0.05752	62 814	3 613	61 029	500 652	7.97
86	0.06556	59 200	3 881	57 282	439 623	7.43
87	0.07478	55 319	4 137	53 271	382 341	6.91
88	0.08515	51 183	4 358	49 019	329 069	6.43
89	0.09608	46 825	4 499	44 583	280 050	5.98
90	0.10735	42 326	4 544	40 055	235 467	5.56
91	0.11983	37 782	4 527	35 515	195 412	5.17
92	0.13463	33 255	4 477	31 008	159 897	4.81
93	0.14902	28 778	4 289	26 613	128 889	4.48
94	0.16388	24 489	4 013	22 456	102 276	4.18
95	0.17922	20 476	3 670	18 610	79 819	3.90
96	0.19502	16 806	3 278	15 133	61 210	3.64
97	0.21130	13 528	2 859	12 064	46 076	3.41
98	0.22805	10 670	2 433	9 418	34 013	3.19
99	0.24526	8 237	2 020	7 193	24 595	2.99
100-	1.00000	6 217	6 217	17 402	17 402	2.80