
Abridged Life Tables For Japan 2007

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/>

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Table A . Abridged Life Tables for Japan 2007

I . Life expectancies at specified ages

In the abridged life tables for 2007 life expectancy at birth for males is 79.19 years, increased by 0.19 years from that of the previous year, and that for females is 85.99 years, increased by 0.18 years.

Life expectancies at specified ages for males and females increase at all age. The difference in life expectancy at birth between males and females is 6.80years, 0.01 years shorter 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		
	2007	2006	Increase	2007	2006	Increase
0	79.19	79.00	0.19	85.99	85.81	0.18
5	74.48	74.30	0.18	81.27	81.10	0.17
10	69.52	69.34	0.18	76.30	76.13	0.17
15	64.56	64.38	0.18	71.33	71.16	0.17
20	59.66	59.49	0.17	66.39	66.22	0.17
25	54.82	54.66	0.16	61.48	61.31	0.17
30	49.99	49.83	0.16	56.57	56.41	0.16
35	45.17	45.02	0.15	51.68	51.52	0.16
40	40.40	40.25	0.15	46.82	46.66	0.16
45	35.72	35.56	0.16	42.01	41.86	0.15
50	31.15	31.00	0.15	37.27	37.12	0.15
55	26.73	26.60	0.13	32.62	32.48	0.14
60	22.54	22.41	0.13	28.06	27.92	0.14
65	18.56	18.45	0.11	23.59	23.44	0.15
70	14.80	14.69	0.11	19.25	19.12	0.13
75	11.40	11.31	0.09	15.16	15.04	0.12
80	8.50	8.45	0.05	11.42	11.32	0.10
85	6.16	6.09	0.07	8.20	8.13	0.07
90	4.40	4.32	0.08	5.72	5.66	0.06
95	3.19	3.08	0.11	3.97	3.88	0.09
100	2.34	2.20	0.14	2.75	2.63	0.12

Table 2. Trend of life expectancy 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
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	78.56	85.52	6.96
2006	79.00	85.81	6.81
2007	79.19	85.99	6.80

Notes: 1. Data of 1947-2000 and 2005 are 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 2007, the number of survivors at age 65 is 86,371 for males and 93,335 for females in a stationary population supported by 100,000 annual live births. These facts lead that the survival ratio until age 65 is 86.4% for males and 93.3% for females. In the same way, it follows that the survival ratio until age 75 is 70.8% for males and 85.8% for females, and the survival ratio until age 90 is 21.0% for males and 44.5% for females.

The number of stationary population from age 0 (total person-years from age 0) is 7,918,840 for males and 8,599,100 for females. The number of stationary population from age 65 (total person-years from age 65) is 1,603,192(20.2%) for males and 2,201,956(25.6%) for females.

The median length of life, which means the age when exactly half of the cohort remains alive, is 82.11 years for males and 88.77 years for females.

Table3. Survival ratio until specified ages

Year	Male (%)				Female (%)			
	Age40	65	75	90	Age40	65	75	90
1947	68.0	39.8	18.5	0.9	70.9	49.1	29.0	2.0
1950-1952	81.8	55.1	29.4	2.0	83.2	62.8	40.5	4.0
1955	87.0	61.8	34.6	2.7	89.0	70.6	47.6	6.2
1960	89.7	64.8	36.1	2.3	92.2	75.2	51.5	6.0
1965	92.6	69.1	39.9	2.3	95.0	80.0	57.1	6.5
1970	93.7	72.1	43.5	3.5	96.1	82.6	61.2	8.6
1975	95.1	76.8	51.0	5.4	96.9	86.1	67.8	12.0
1980	96.1	79.4	55.7	7.1	97.6	88.5	72.7	16.0
1985	96.7	81.1	60.2	9.4	98.0	90.1	76.9	21.2
1990	97.1	82.6	63.0	11.6	98.3	91.3	79.8	26.3
1995	97.2	83.3	63.8	12.8	98.4	91.6	81.2	30.9
2000	97.5	84.7	66.7	17.3	98.6	92.6	83.7	38.8
2001	97.6	85.1	67.5	18.2	98.6	92.8	84.2	40.1
2002	97.7	85.4	68.2	19.0	98.6	92.9	84.5	41.4
2003	97.6	85.3	68.4	19.0	98.6	93.0	84.8	41.7
2004	97.7	85.7	69.1	19.8	98.7	93.0	85.0	42.8
2005	97.7	85.7	69.3	19.3	98.7	93.1	85.1	42.7
2006	97.8	86.1	70.3	20.6	98.7	93.3	85.5	43.9
2007	97.8	86.4	70.8	21.0	98.7	93.3	85.8	44.5

Notes: 1. Data of 1947-2000 and 2005 are based on complete life tables.
2. Before 1970, data of Okinawa prefecture is not included.

Table 4. Ratio of total person-years from age 65 to total person-years from age 0

Year	Male (%)		Female (%)	
	Male	Female	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	19.8	25.2		
2006	20.1	25.5		
2007	20.2	25.6		

Notes: 1. Data of 1947-2000 and 2005 are based on complete life tables.
2. Before 1970, data of Okinawa prefecture is not included.

Table5 The median length of life

Year	(Years)	
	Male	Female
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	81.56	88.34
2006	81.94	88.61
2007	82.11	88.77

Notes: 1. Data of 1947-2000 and 2005 are 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.

Table6. Life expectancies at birth in some countries

(Life expectancy:years, Population:10 thousand)

Country		Period	Male	Female	Population
	Japan	2007*	79.19	85.99	12 609
AFRICA	Algeria	2000	72.5	74.2	3 291
	Egypt	2006*	69.2	73.6	7 135
	Nigeria	2000-2005	52.0	52.2	13 377
	South Africa	2004	49.9	52.9	4 689
	Tunisia	2006*	71.9	76.0	1 003
NORTH AMERICA	Canada	2004*	77.8	82.6	3 200
	Mexico	2006*	72.4	77.2	10 395
	United States	2005*	75.2	80.4	29 641
SOUTH AMERICA	Argentina	2000-2001*	70.0	77.5	3 859
	Brazil	2006*	68.5	76.1	18 418
	Chile	2001-2002	74.4	80.4	1 627
	Peru	1995-2000	65.9	70.9	2 795
ASIA	China	2000*	69.63	73.33	130 372
	India	1999-2003*	61.8	63.5	110 100
	Indonesia	2002*	64.2	68.1	21 990
	Israel	2006*	78.5	82.2	693
	Korea, Republic of	2006*	75.74	82.36	4 829
	Malaysia	2007*	71.9	76.4	2 613
	Singapore	2007*	78.2	82.9	434
	Thailand	2002*	69.9	74.9	6 484
EUROPE	Austria	2007*	77.3	82.9	823
	Belgium	2004	76.5	82.4	1 048
	Czech Republic	2007*	73.67	79.90	1 023
	Denmark	2006-2007*	75.95	80.48	542
	Finland	2007*	75.9	82.9	525
	France	2006*	77.2	84.1	6 100
	Germany	2004-2006*	76.64	82.08	8 246
	Iceland	2007*	79.4	82.9	30
	Italy	2004*	77.92	83.72	5 861
	Netherlands	2007*	78.1	82.4	1 632
	Norway	2007*	78.24	82.66	462
	Poland	2007*	71.0	79.7	3 816
	Russian Federation	2004	58.9	72.3	14 315
	Spain	2004-2005*	76.96	83.48	4 340
	Sweden	2007*	78.94	82.99	903
Switzerland	2006*	79.1	84.0	746	
United Kingdom	2004-2006*	76.9	81.3	6 021	
OCEANIA	Australia	2003-2005*	78.5	83.3	2 041
	New Zealand	2005-2007*	78.1	82.2	410

Reference: In Hong Kong of 2007, life expectancy at birth for males is 79.3 years, and that for female is 85.4 years. (population:381 ten thousands)

Note: Population means 2005 mid-year estimated population.

But population of Japan is Estimated Population at Oct. 1, 2007

Source: Demographic Yearbook 2005 U.N.

*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 2007, 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 by three leading causes (i.e. malignant neoplasms, heart diseases and cerebrovascular diseases) of death accounts for over 50 percent for both sexes at age 0.

Table7. Mortality probabilities by causes of death

Cause of death	Age 0		Age 65		Age 75		Age 90	
	Male	Female	Male	Female	Male	Female	Male	Female
Malignant neoplasms	30.10	20.56	29.50	18.69	26.00	16.49	14.98	9.87
Heart diseases	14.67	19.16	14.97	19.97	15.42	20.56	17.27	21.42
Cerebrovascular diseases	10.80	13.29	11.25	13.71	11.71	14.06	11.84	14.07
Pneumonia	12.53	11.84	14.13	12.55	15.98	13.28	21.70	15.64
Accidents	3.51	2.67	2.95	2.50	2.86	2.41	2.52	1.97
Traffic accidents	0.73	0.37	0.39	0.27	0.31	0.20	0.12	0.05
Suicide	2.64	1.12	0.89	0.49	0.57	0.33	0.32	0.13
Renal failure	1.97	2.44	2.18	2.57	2.38	2.67	2.90	2.73
Diseases of liver	1.37	0.82	0.95	0.75	0.65	0.65	0.39	0.33
Diabetes mellitus	1.10	1.15	1.05	1.16	0.93	1.12	0.64	0.81
Hypertensive diseases	0.47	0.91	0.50	0.97	0.55	1.02	0.80	1.31
Tuberculosis	0.26	0.13	0.27	0.14	0.29	0.14	0.23	0.09
Senility	2.37	7.22	2.74	7.73	3.32	8.40	7.85	13.58
Three leading causes of death (i.e. malignant neoplasms, heart diseases and cerebrovascular diseases)	55.57	53.02	55.72	52.37	53.13	51.11	44.09	45.36

2. Potential years of life lost

Assuming that a certain cause of death is eliminated, a person who should have died of the 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 you to estimate the effect of that cause to one's life expectancy.

In 2007, the potential years of life lost by malignant neoplasms is the longest at age 0, followed by heart diseases, cerebrovascular diseases, and pneumonia for both sexes.

Potential years of life lost by the three leading causes of death are 8.25 years for male and 7.12 years for female at age 0, 6.64 years for male and 5.86 years for female at age 65, 5.10 years for male and 4.97 years for female at age 75, 2.32 years for male and 2.77 years for female at age 90.

Table8. Potential years of life lost

Cause of death	Age 0		Age 65		Age 75		Age 90	
	Male	Female	Male	Female	Male	Female	Male	Female
Malignant neoplasms	4.04	3.01	3.12	2.03	2.10	1.42	0.60	0.45
Heart diseases	1.55	1.65	1.20	1.57	1.02	1.47	0.69	1.03
Cerebrovascular diseases	1.06	1.15	0.88	1.05	0.77	0.97	0.45	0.64
Pneumonia	0.94	0.83	0.98	0.84	1.01	0.84	0.91	0.71
Accidents	0.58	0.35	0.24	0.21	0.18	0.17	0.09	0.08
Traffic accidents	0.20	0.09	0.04	0.03	0.02	0.02	0.01	0.00
Suicide	0.77	0.36	0.10	0.06	0.04	0.03	0.01	0.01
Renal failure	0.15	0.18	0.14	0.18	0.14	0.17	0.10	0.12
Diseases of liver	0.24	0.12	0.10	0.08	0.05	0.06	0.01	0.02
Diabetes mellitus	0.13	0.12	0.09	0.10	0.06	0.08	0.02	0.04
Hypertensive diseases	0.04	0.06	0.03	0.06	0.03	0.06	0.03	0.05
Tuberculosis	0.02	0.01	0.02	0.01	0.02	0.01	0.01	0.01
Three leading causes of death (i.e. malignant neoplasms, heart diseases and cerebrovascular diseases)	8.25	7.12	6.64	5.86	5.10	4.97	2.32	2.77

Table A.Abridged life tables for Japan 2007

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 <i>e_x</i>
				<i>nL_x</i>	<i>T_x</i>	
0 (W)	0.00099	100 000	99	1 917	7 918 840	79.19
1	0.00017	99 901	17	1 916	7 916 923	79.25
2	0.00011	99 884	11	1 915	7 915 007	79.24
3	0.00009	99 872	9	1 915	7 913 092	79.23
4	0.00031	99 864	31	8 982	7 911 176	79.22
2 (M)	0.00019	99 833	19	8 319	7 902 195	79.15
3	0.00045	99 814	45	24 948	7 893 876	79.09
6	0.00043	99 769	43	49 871	7 868 928	78.87
0 (Y)	0.00274	100 000	274	99 783	7 918 840	79.19
1	0.00040	99 726	40	99 706	7 819 057	78.41
2	0.00027	99 686	27	99 672	7 719 350	77.44
3	0.00019	99 659	18	99 649	7 619 678	76.46
4	0.00014	99 640	14	99 633	7 520 029	75.47
5	0.00013	99 626	13	99 620	7 420 396	74.48
6	0.00012	99 614	12	99 608	7 320 776	73.49
7	0.00011	99 602	11	99 596	7 221 169	72.50
8	0.00009	99 591	9	99 586	7 121 572	71.51
9	0.00009	99 582	9	99 577	7 021 986	70.51
10	0.00008	99 573	8	99 569	6 922 409	69.52
11	0.00009	99 565	9	99 560	6 822 840	68.53
12	0.00010	99 556	10	99 551	6 723 280	67.53
13	0.00011	99 546	11	99 540	6 623 729	66.54
14	0.00013	99 534	13	99 528	6 524 189	65.55
15	0.00018	99 521	18	99 513	6 424 661	64.56
16	0.00025	99 503	25	99 492	6 325 148	63.57
17	0.00034	99 479	33	99 463	6 225 657	62.58
18	0.00042	99 445	41	99 425	6 126 194	61.60
19	0.00048	99 404	48	99 380	6 026 769	60.63
20	0.00053	99 356	52	99 330	5 927 389	59.66
21	0.00056	99 304	56	99 276	5 828 058	58.69
22	0.00059	99 248	59	99 219	5 728 782	57.72
23	0.00061	99 189	60	99 159	5 629 563	56.76
24	0.00061	99 129	60	99 099	5 530 404	55.79
25	0.00060	99 069	59	99 039	5 431 305	54.82
26	0.00060	99 010	60	98 980	5 332 266	53.86
27	0.00063	98 950	62	98 919	5 233 286	52.89
28	0.00065	98 888	64	98 856	5 134 367	51.92
29	0.00068	98 824	67	98 790	5 035 511	50.95
30	0.00070	98 757	69	98 722	4 936 720	49.99
31	0.00073	98 687	72	98 651	4 837 998	49.02
32	0.00077	98 615	75	98 578	4 739 347	48.06
33	0.00081	98 540	80	98 500	4 640 769	47.10
34	0.00086	98 460	84	98 418	4 542 269	46.13
35	0.00091	98 376	90	98 331	4 443 850	45.17
36	0.00099	98 286	97	98 238	4 345 519	44.21
37	0.00107	98 189	105	98 137	4 247 281	43.26
38	0.00116	98 083	114	98 027	4 149 145	42.30
39	0.00128	97 969	125	97 908	4 051 118	41.35
40	0.00140	97 844	137	97 777	3 953 210	40.40
41	0.00152	97 708	149	97 634	3 855 433	39.46
42	0.00165	97 559	161	97 479	3 757 799	38.52
43	0.00179	97 398	174	97 312	3 660 319	37.58
44	0.00193	97 224	188	97 131	3 563 008	36.65
45	0.00212	97 036	206	96 934	3 465 877	35.72
46	0.00236	96 830	228	96 717	3 368 942	34.79
47	0.00260	96 602	251	96 478	3 272 225	33.87
48	0.00284	96 351	273	96 216	3 175 747	32.96
49	0.00306	96 077	294	95 932	3 079 531	32.05

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 <i>e_x</i>
				<i>nL_x</i>	<i>T_x</i>	
50	0.00331	95 783	317	95 627	2 983 599	31.15
51	0.00361	95 466	344	95 297	2 887 973	30.25
52	0.00398	95 122	378	94 936	2 792 676	29.36
53	0.00441	94 743	417	94 538	2 697 740	28.47
54	0.00489	94 326	461	94 099	2 603 202	27.60
55	0.00542	93 865	509	93 614	2 509 103	26.73
56	0.00597	93 356	557	93 081	2 415 489	25.87
57	0.00656	92 799	609	92 499	2 322 407	25.03
58	0.00715	92 190	660	91 864	2 229 909	24.19
59	0.00773	91 530	708	91 181	2 138 045	23.36
60	0.00838	90 823	761	90 447	2 046 864	22.54
61	0.00912	90 062	821	89 656	1 956 417	21.72
62	0.00996	89 240	889	88 802	1 866 761	20.92
63	0.01083	88 351	957	87 879	1 777 959	20.12
64	0.01172	87 395	1 024	86 888	1 690 080	19.34
65	0.01259	86 371	1 087	85 832	1 603 192	18.56
66	0.01354	85 284	1 154	84 712	1 517 360	17.79
67	0.01468	84 129	1 235	83 519	1 432 647	17.03
68	0.01609	82 894	1 334	82 236	1 349 128	16.28
69	0.01774	81 560	1 447	80 847	1 266 892	15.53
70	0.01960	80 114	1 570	79 339	1 186 046	14.80
71	0.02171	78 543	1 705	77 702	1 106 706	14.09
72	0.02413	76 838	1 854	75 924	1 029 004	13.39
73	0.02690	74 984	2 017	73 990	953 080	12.71
74	0.03002	72 967	2 191	71 886	879 090	12.05
75	0.03346	70 776	2 368	69 607	807 204	11.40
76	0.03721	68 408	2 545	67 151	737 597	10.78
77	0.04141	65 863	2 728	64 515	670 446	10.18
78	0.04626	63 135	2 921	61 691	605 932	9.60
79	0.05167	60 215	3 111	58 674	544 240	9.04
80	0.05754	57 103	3 285	55 474	485 566	8.50
81	0.06381	53 818	3 434	52 112	430 092	7.99
82	0.07062	50 383	3 558	48 614	377 980	7.50
83	0.07821	46 825	3 662	45 002	329 367	7.03
84	0.08642	43 163	3 730	41 302	284 365	6.59
85	0.09541	39 433	3 762	37 553	243 063	6.16
86	0.10545	35 671	3 762	33 789	205 509	5.76
87	0.11698	31 909	3 733	30 039	171 720	5.38
88	0.12969	28 177	3 654	26 340	141 681	5.03
89	0.14245	24 523	3 493	22 760	115 341	4.70
90	0.15571	21 029	3 274	19 372	92 581	4.40
91	0.16945	17 755	3 009	16 227	73 210	4.12
92	0.18370	14 746	2 709	13 366	56 983	3.86
93	0.19845	12 037	2 389	10 816	43 617	3.62
94	0.21370	9 649	2 062	8 590	32 801	3.40
95	0.22946	7 587	1 741	6 690	24 211	3.19
96	0.24573	5 846	1 437	5 103	17 521	3.00
97	0.26251	4 409	1 157	3 809	12 418	2.82
98	0.27979	3 252	910	2 778	8 609	2.65
99	0.29756	2 342	697	1 977	5 831	2.49
100	0.31581	1 645	520	1 372	3 854	2.34
101	0.33454	1 126	377	927	2 482	2.21
102	0.35372	749	265	608	1 555	2.08
103	0.37333	484	181	388	947	1.96
104	0.39336	303	119	239	559	1.84
105-	1.00000	184	184	320	320	1.74

Table A.Abridged life tables for Japan 2007

Female

age x	death rate nq_x	number of survivors l_x	number of deaths nd_x	stationary population		life expectanc e_x
				nL_x	T_x	
0 (W)	0.00094	100 000	94	1 917	8 599 100	85.99
1	0.00014	99 906	14	1 916	8 597 183	86.05
2	0.00009	99 892	9	1 916	8 595 267	86.05
3	0.00010	99 883	10	1 915	8 593 352	86.03
4	0.00021	99 874	21	8 983	8 591 436	86.02
2 (M)	0.00017	99 852	17	8 320	8 582 454	85.95
3	0.00037	99 836	37	24 954	8 574 133	85.88
6	0.00043	99 799	43	49 888	8 549 179	85.66
0 (Y)	0.00244	100 000	244	99 809	8 599 100	85.99
1	0.00031	99 756	31	99 738	8 499 291	85.20
2	0.00023	99 725	23	99 714	8 399 554	84.23
3	0.00017	99 702	17	99 693	8 299 840	83.25
4	0.00013	99 685	12	99 679	8 200 147	82.26
5	0.00010	99 673	10	99 667	8 100 469	81.27
6	0.00009	99 662	9	99 658	8 000 801	80.28
7	0.00008	99 653	8	99 649	7 901 143	79.29
8	0.00007	99 646	7	99 642	7 801 494	78.29
9	0.00007	99 638	7	99 635	7 701 852	77.30
10	0.00006	99 632	6	99 628	7 602 217	76.30
11	0.00006	99 625	6	99 622	7 502 589	75.31
12	0.00006	99 619	6	99 616	7 402 966	74.31
13	0.00007	99 613	7	99 609	7 303 350	73.32
14	0.00009	99 606	9	99 601	7 203 741	72.32
15	0.00012	99 596	12	99 591	7 104 140	71.33
16	0.00014	99 584	14	99 577	7 004 549	70.34
17	0.00017	99 570	16	99 562	6 904 972	69.35
18	0.00019	99 554	19	99 544	6 805 410	68.36
19	0.00023	99 535	22	99 524	6 705 865	67.37
20	0.00026	99 512	26	99 500	6 606 341	66.39
21	0.00028	99 487	28	99 473	6 506 842	65.40
22	0.00029	99 459	29	99 444	6 407 369	64.42
23	0.00029	99 430	29	99 416	6 307 925	63.44
24	0.00029	99 401	29	99 387	6 208 509	62.46
25	0.00029	99 372	29	99 358	6 109 122	61.48
26	0.00030	99 343	30	99 328	6 009 764	60.49
27	0.00031	99 313	31	99 298	5 910 436	59.51
28	0.00033	99 282	33	99 266	5 811 139	58.53
29	0.00035	99 249	34	99 232	5 711 873	57.55
30	0.00036	99 215	36	99 197	5 612 641	56.57
31	0.00037	99 179	36	99 161	5 513 444	55.59
32	0.00038	99 143	38	99 124	5 414 283	54.61
33	0.00041	99 105	40	99 085	5 315 159	53.63
34	0.00044	99 065	44	99 043	5 216 074	52.65
35	0.00049	99 021	48	98 997	5 117 031	51.68
36	0.00054	98 973	53	98 947	5 018 034	50.70
37	0.00058	98 920	58	98 891	4 919 087	49.73
38	0.00062	98 862	62	98 832	4 820 196	48.76
39	0.00066	98 800	65	98 768	4 721 364	47.79
40	0.00071	98 735	70	98 700	4 622 596	46.82
41	0.00078	98 665	77	98 627	4 523 896	45.85
42	0.00085	98 588	84	98 547	4 425 269	44.89
43	0.00093	98 505	91	98 460	4 326 722	43.92
44	0.00102	98 413	100	98 364	4 228 263	42.96
45	0.00112	98 313	110	98 259	4 129 899	42.01
46	0.00122	98 203	120	98 144	4 031 640	41.05
47	0.00133	98 083	130	98 018	3 933 496	40.10
48	0.00145	97 952	142	97 882	3 835 478	39.16
49	0.00157	97 810	154	97 735	3 737 596	38.21

Female

age x	death rate nq_x	number of survivors l_x	number of deaths nd_x	stationary population		life expectanc e_x
				nL_x	T_x	
50	0.00171	97 657	167	97 574	3 639 861	37.27
51	0.00186	97 489	181	97 400	3 542 287	36.34
52	0.00201	97 308	195	97 212	3 444 887	35.40
53	0.00217	97 113	210	97 009	3 347 675	34.47
54	0.00234	96 903	227	96 791	3 250 666	33.55
55	0.00252	96 676	244	96 556	3 153 875	32.62
56	0.00270	96 433	261	96 304	3 057 320	31.70
57	0.00289	96 172	278	96 034	2 961 016	30.79
58	0.00308	95 894	296	95 748	2 864 981	29.88
59	0.00329	95 598	314	95 443	2 769 234	28.97
60	0.00353	95 284	337	95 118	2 673 791	28.06
61	0.00380	94 947	361	94 769	2 578 674	27.16
62	0.00410	94 587	388	94 395	2 483 904	26.26
63	0.00443	94 199	417	93 993	2 389 509	25.37
64	0.00477	93 782	448	93 561	2 295 516	24.48
65	0.00512	93 335	478	93 098	2 201 956	23.59
66	0.00553	92 857	514	92 604	2 108 857	22.71
67	0.00608	92 343	561	92 067	2 016 253	21.83
68	0.00675	91 782	620	91 478	1 924 186	20.96
69	0.00754	91 163	687	90 825	1 832 709	20.10
70	0.00841	90 476	760	90 102	1 741 884	19.25
71	0.00935	89 715	839	89 302	1 651 782	18.41
72	0.01043	88 876	927	88 420	1 562 480	17.58
73	0.01169	87 949	1 028	87 444	1 474 059	16.76
74	0.01313	86 921	1 142	86 360	1 386 615	15.95
75	0.01478	85 780	1 268	85 157	1 300 255	15.16
76	0.01666	84 511	1 408	83 820	1 215 098	14.38
77	0.01881	83 103	1 563	82 335	1 131 279	13.61
78	0.02127	81 540	1 734	80 688	1 048 944	12.86
79	0.02403	79 806	1 918	78 863	968 256	12.13
80	0.02725	77 888	2 122	76 845	889 393	11.42
81	0.03111	75 766	2 357	74 608	812 547	10.72
82	0.03575	73 409	2 624	72 120	737 939	10.05
83	0.04130	70 784	2 923	69 348	665 819	9.41
84	0.04749	67 861	3 223	66 274	596 471	8.79
85	0.05432	64 638	3 511	62 906	530 197	8.20
86	0.06190	61 127	3 784	59 257	467 291	7.64
87	0.07053	57 343	4 044	55 342	408 033	7.12
88	0.08039	53 299	4 285	51 175	352 691	6.62
89	0.09136	49 014	4 478	46 788	301 516	6.15
90	0.10302	44 536	4 588	42 247	254 728	5.72
91	0.11495	39 948	4 592	37 648	212 481	5.32
92	0.12715	35 356	4 496	33 098	174 833	4.94
93	0.14151	30 860	4 367	28 663	141 735	4.59
94	0.15610	26 493	4 136	24 403	113 072	4.27
95	0.17155	22 358	3 835	20 412	88 669	3.97
96	0.18787	18 522	3 480	16 751	68 257	3.69
97	0.20509	15 042	3 085	13 466	51 506	3.42
98	0.22323	11 957	2 669	10 588	38 040	3.18
99	0.24231	9 288	2 251	8 128	27 453	2.96
100	0.26234	7 037	1 846	6 082	19 324	2.75
101	0.28332	5 191	1 471	4 426	13 243	2.55
102	0.30525	3 720	1 136	3 127	8 817	2.37
103	0.32812	2 585	848	2 139	5 690	2.20
104	0.35192	1 737	611	1 413	3 551	2.04
105-	1.00000	1 125	1 125	2 138	2 138	1.90