The 20th Life Tables

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Introduction

A life table considers a hypothetical cohort and assumes that it is subject to the age-specific mortality rates realized by an actual population for a particular period. For example, a life table for 2005 assumes a hypothetical cohort subject, throughout its lifetime, to the age-specific mortality rates realized by the actual population for 2005.

We hereby present the Complete Life Tables for Japan 2005. In Japan, the Ministry of Health, Labour and Welfare have prepared two series of life tables —— the Complete and the Abridged Life Tables. The former have been constructed every five years based on the Annual Vital Statistics and the Population Census. The latter have been on the Provisional Annual Vital Statistics and the Population Estimates. The Complete Life Tables for Japan were first prepared for the period 1891-98 and the life tables presented here are the 20th ones.

After the end of World War Ⅱ, the improvements in Japanese life expectancies were remarkable in ten years. Since 1955, life expectancy has not increased as much as before, but it has been steadily improved and reached 78.56 years for males and 85.52 years for females in 2005.

The trends in life expectancy since the 1st life tables are shown below.

Trends of the life expectancies at selected ages

age	1st	2nd	3rd	4th	5th	6th	8th	9th	10th	11th	12th	13th	14th	15th	16th	17th	18th	19th	20th
	1891-1898	1899-1903	1909-1913	1921-1925	1926-1930	1935-1936	1947	1950-1952	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005
									Male										
0	42.8	43.97	44.25	42.06	44.82	46.92	50.06	59.57	63.60	65.32	67.74	69.31	71.73	73.35	74.78	75.92	76.38	77.72	78.56
1	49.2	51.11	51.61	49.14	51.07	51.95	53.74	62.14	65.37	66.56	68.16	69.35	71.53	72.96	74.22	75.30	75.73	76.99	77.79
2	50.5	52.04	52.97	50.62	52.35	52.92	54.57	61.86	64.74	65.81	67.31	68.47	70.63	72.03	73.28	74.36	74.78	76.03	76.83
3	51.0	52.41	53.23	50.96	52.54	53.02	54.63	61.42	64.04	65.00	66.42	67.55	69.70	71.09	72.33	73.40	73.82	75.06	75.85
4	51.0	52.31	53.02	50.81	52.33	52.74	54.23	60.82	63.27	64.15	65.51	66.62	68.75	70.14	71.36	72.43	72.85	74.08	74.87
5	50.7	51.90	52.57	50.35	51.85	52.22	53.61	60.10	62.45	63.26	64.57	65.67	67.80	69.17	70.39	71.45	71.87	73.10	73.88
10	47.5	48.23	48.82	46.53	47.93	48.25	49.49	55.68	57.89	58.57	59.80	60.85	62.94	64.28	65.47	66.53	66.94	68.15	68.93
15	43.4	44.02	44.62	42.31	43.58	43.85	44.93	50.95	53.09	53.74	54.93	55.97	58.03	59.35	60.54	61.58	62.00	63.19	63.97
20	39.8	40.35	41.06	39.10	40.18	40.41	40.89	46.43	48.47	49.08	50.18	51.26	53.27	54.56	55.74	56.77	57.16	58.33	59.08
25	36.5	37.02	37.84	36.06	37.01	37.35	37.60	42.24	44.09	44.58	45.54	46.58	48.54	49.79	50.97	51.98	52.37	53.52	54.25
30	33.0	33.44	34.31	32.59	33.43	33.89	34.23	38.10	39.70	40.07	40.90	41.90	43.78	45.00	46.16	47.16	47.55	48.69	49.43
35	29.4	29.73	30.58	28.87	29.61	30.10	30.62	33.87	35.27	35.52	36.28	37.24	39.05	40.22	41.36	42.35	42.74	43.89	44.62
40	25.7	26.03	26.82	25.13	25.74	26.22	26.88	29.65	30.85	31.02	31.73	32.68	34.41	35.52	36.63	37.58	37.96	39.13	39.86
45	22.2	22.42	23.14	21.49	22.02	22.43	23.12	25.52	26.52	26.61	27.28	28.22	29.92	30.94	32.01	32.92	33.28	34.45	35.18
50	18.8	18.97	19.61	18.02	18.49	18.85	19.44	21.54	22.41	22.39	23.00	23.88	25.56	26.57	27.56	28.40	28.75	29.91	30.63
55	15.7	15.73	16.30	14.77	15.21	15.55	15.97	17.79	18.54	18.45	18.94	19.76	21.35	22.35	23.36	24.06	24.41	25.58	26.25
60	12.8	12.76	13.28	11.87	12.23	12.55	12.83	14.36	14.97	14.84	15.20	15.93	17.38	18.31	19.34	20.01	20.28	21.44	22.09
65	10.2	10.14	10.58	9.31	9.64	9.89	10.16	11.35	11.82	11.62	11.88	12.50	13.72	14.56	15.52	16.22	16.48	17.54	18.13
70	8.0	7.89	8.26	7.11	7.43	7.62	7.93	8.82	9.13	8.85	8.99	9.56	10.53	11.18	12.00	12.66	12.97	13.97	14.39
75	6.2	6.00	6.31	5.31	5.61	5.72	6.09	6.73	6.97	6.60	6.63	7.14	7.85	8.34	8.93	9.50	9.81	10.75	11.07
80	4.8	4.44	4.70	3.87	4.15	4.20	4.62	5.04	5.25	4.91	4.81	5.26	5.70	6.08	6.51	6.88	7.13	7.96	8.22
85	3.7	3.19	3.40	2.77	3.02	3.03	3.46	3.72	3.90	3.69	3.51	3.82	4.14	4.39	4.64	4.93	5.05	5.76	5.89
90	2.6	2.22	2.38	1.95	2.17	2.14	2.56	2.70	2.87	2.69	2.56	2.75	3.05	3.17	3.28	3.51	3.58	4.10	4.15
									Female										
0	44.3	44.85	44.73	43.20	46.54	49.63	53.96	62.97	67.75	70.19	72.92	74.66	76.89	78.76	80.48	81.90	82.85	84.60	85.52
1	50.1	51.17	51.24	49.42	52.10	54.07	57.40	65.25	69.34	71.17	73.13	74.52	76.56	78.29	79.89	81.25	82.17	83.86	84.73
2	51.3	52.06	52.55	50.86	53.37	55.02	58.30	65.01	68.70	70.39	72.26	73.62	75.65	77.35	78.95	80.30	81.21	82.89	83.76
3	51.7	52.44	52.83	51.22	53.59	55.13	58.42	64.58	68.00	69.57	71.35	72.69	74.71	76.40	77.98	79.33	80.25	81.92	82.78
4	51.8	52.36	52.61	51.12	53.43	54.89	58.06	64.00	67.24	68.69	70.42	71.75	73.75	75.43	77.01	78.35	79.27	80.93	81.80
5	51.5	51.97	52.16	50.71	53.00	54.40	57.45	63.28	66.41	67.79	69.47	70.78	72.78	74.46	76.03	77.37	78.29	79.95	80.81
10	48.1	48.34	48.51	47.00	49.18	50.47	53.31	58.82	61.78	63.04	64.62	65.91	67.87	69.53	71.08	72.42	73.34	74.98	75.84
15	44.2	44.36	44.67	43.12	45.11	46.33	48.81	54.10	56.96	58.17	59.71	60.99	62.94	64.58	66.13	67.46	68.39	70.01	70.87
20	40.8	41.06	41.67	40.38	42.12	43.22	44.87	49.58	52.25	53.39	54.85	56.11	58.04	59.66	61.20	62.54	63.46	65.08	65.93
25	37.6	38.02	38.83	37.72	39.23	40.23	41.48	45.35	47.73	48.74	50.06	51.30	53.19	54.77	56.30	57.63	58.56	60.16	61.02
30	34.4	34.84	35.72	34.69	35.98	36.88	37.95	41.20	43.25	44.10	45.31	46.50	48.35	49.90	51.41	52.73	53.65	55.26	56.12
35	31.1	31.54	32.42	31.44	32.53	33.30	34.24	36.99	38.78	39.48	40.58	41.73	43.53	45.04	46.54	47.84	48.77	50.37	51.23
40	27.8	28.19	29.03	28.09	29.01	29.65	30.39	32.77	34.34	34.90	35.91	37.01	38.76	40.23	41.72	43.00	43.91	45.52	46.38
45	24.4	24.71	25.49	24.58	25.39	25.91	26.52	28.58	29.95	30.39	31.31	32.37	34.06	35.49	36.96	38.22	39.12	40.73	41.57
50	20.8	21.11	21.84	20.95	21.67	22.15	22.64	24.47	25.70	26.03	26.85	27.84	29.46	30.84	32.28	33.51	34.43	36.01	36.84
55	17.4	17.61	18.31	17.43	18.09	18.54	18.92	20.53	21.61	21.83	22.54	23.47	25.00	26.30	27.71	28.90	29.82	31.40	32.20
60	14.2	14.32	14.99	14.12	14.68	15.07	15.39	16.81	17.72	17.83	18.42	19.27	20.68	21.89	23.24	24.39	25.31	26.85	27.66
65	11.4	11.35	11.94	11.10	11.58	11.88	12.22	13.36	14.13	14.10	14.56	15.34	16.56	17.68	18.94	20.03	20.94	22.42	23.19
70	8.8	8.77	9.28	8.44	8.88	9.04	9.41	10.34	10.95	10.78	11.09	11.75	12.78	13.73	14.89	15.87	16.76	18.19	18.88
75	6.7	6.61	7.09	6.21	6.59	6.62	7.03	7.76	8.28	8.01	8.11	8.70	9.47	10.24	11.19	12.06	12.88	14.19	14.83
80	5.1	4.85	5.26	4.41	4.73	4.67	5.09	5.64	6.12	5.88	5.80	6.27	6.76	7.33	8.07	8.72	9.47	10.60	11.13
85	3.9	3.45	3.77	3.04	3.30	3.17	3.58	3.97	4.42	4.26	4.19	4.46	4.76	5.12	5.60	6.10	6.67	7.61	7.99
90	2.7	2.36	2.61	2.04	2.24	2.09	2.45	2.72	3.12	2.99	2.96	3.26	3.39	3.55	3.82	4.18	4.64	5.29	5.53

Table A.The 20th Life Tables, 2005

Male (2－1)

age x	number of survivors l_x	number of deaths ${}_nd_x$	survivos rate ${}_np_x$	death rate ${}_nq_x$	force of mortality μ_x	life expectancy $\mathring{e}_x$	stationary population ${}_nL_x$	stationary population T_x
0 (w)	100 000	112	0.99888	0.00112	0.11019	78.56	1 916	7 855 882
1	99 888	17	0.99983	0.00017	0.02178	78.63	1 915	7 853 965
2	99 872	13	0.99987	0.00013	0.00370	78.62	1 915	7 852 050
3	99 859	10	0.99990	0.00010	0.00577	78.61	1 915	7 850 135
4	99 849	28	0.99972	0.00028	0.00457	78.60	8 980	7 848 220
2 (m)	99 821	22	0.99978	0.00022	0.00241	78.53	8 318	7 839 239
3	99 799	50	0.99950	0.00050	0.00239	78.47	24 943	7 830 922
6	99 749	48	0.99952	0.00048	0.00158	78.26	49 860	7 805 979
0 (y)	100 000	298	0.99702	0.00298	0.11019	78.56	99 764	7 855 882
1	99 702	45	0.99955	0.00045	0.00055	77.79	99 680	7 756 118
2	99 657	32	0.99968	0.00032	0.00032	76.83	99 641	7 656 438
3	99 625	22	0.99978	0.00022	0.00026	75.85	99 614	7 556 797
4	99 604	16	0.99984	0.00016	0.00018	74.87	99 596	7 457 183
5	99 588	14	0.99986	0.00014	0.00015	73.88	99 581	7 357 587
6	99 574	14	0.99986	0.00014	0.00014	72.89	99 567	7 258 006
7	99 559	14	0.99986	0.00014	0.00014	71.90	99 552	7 158 440
8	99 545	13	0.99987	0.00013	0.00014	70.91	99 539	7 058 887
9	99 533	11	0.99989	0.00011	0.00012	69.92	99 527	6 959 348
10	99 522	9	0.99991	0.00009	0.00010	68.93	99 517	6 859 822
11	99 513	9	0.99991	0.00009	0.00009	67.93	99 508	6 760 304
12	99 504	10	0.99990	0.00010	0.00009	66.94	99 499	6 660 796
13	99 494	14	0.99986	0.00014	0.00012	65.95	99 487	6 561 297
14	99 480	18	0.99982	0.00018	0.00016	64.96	99 472	6 461 810
15	99 462	23	0.99977	0.00023	0.00020	63.97	99 451	6 362 339
16	99 440	28	0.99972	0.00028	0.00025	62.98	99 426	6 262 887
17	99 412	35	0.99965	0.00035	0.00031	62.00	99 395	6 163 461
18	99 377	42	0.99957	0.00043	0.00039	61.02	99 357	6 064 066
19	99 335	49	0.99950	0.00050	0.00046	60.05	99 311	5 964 709
20	99 285	55	0.99944	0.00056	0.00053	59.08	99 258	5 865 399
21	99 230	60	0.99940	0.00060	0.00058	58.11	99 200	5 766 140
22	99 170	63	0.99937	0.00063	0.00062	57.14	99 139	5 666 940
23	99 107	65	0.99934	0.00066	0.00065	56.18	99 075	5 567 801
24	99 042	66	0.99933	0.00067	0.00066	55.22	99 009	5 468 726
25	98 976	66	0.99933	0.00067	0.00067	54.25	98 943	5 369 717
26	98 910	66	0.99933	0.00067	0.00067	53.29	98 877	5 270 774
27	98 844	67	0.99932	0.00068	0.00067	52.32	98 810	5 171 897
28	98 777	69	0.99930	0.00070	0.00069	51.36	98 742	5 073 086
29	98 707	72	0.99928	0.00072	0.00071	50.39	98 672	4 974 344
30	98 636	73	0.99926	0.00074	0.00073	49.43	98 599	4 875 673
31	98 562	75	0.99924	0.00076	0.00075	48.47	98 525	4 777 074
32	98 487	78	0.99921	0.00079	0.00077	47.50	98 449	4 678 549
33	98 409	84	0.99915	0.00085	0.00082	46.54	98 368	4 580 100
34	98 325	90	0.99908	0.00092	0.00089	45.58	98 281	4 481 732
35	98 235	97	0.99902	0.00098	0.00095	44.62	98 187	4 383 451
36	98 138	103	0.99895	0.00105	0.00102	43.67	98 087	4 285 264
37	98 035	111	0.99887	0.00113	0.00109	42.71	97 980	4 187 177
38	97 924	119	0.99878	0.00122	0.00117	41.76	97 865	4 089 197
39	97 805	129	0.99868	0.00132	0.00127	40.81	97 741	3 991 331
40	97 676	140	0.99857	0.00143	0.00138	39.86	97 607	3 893 590
41	97 536	150	0.99846	0.00154	0.00148	38.92	97 462	3 795 983
42	97 386	163	0.99832	0.00168	0.00161	37.98	97 305	3 698 521
43	97 222	180	0.99815	0.00185	0.00176	37.04	97 134	3 601 216
44	97 042	199	0.99795	0.00205	0.00195	36.11	96 945	3 504 082
45	96 844	220	0.99773	0.00227	0.00216	35.18	96 735	3 407 137
46	96 624	242	0.99749	0.00251	0.00239	34.26	96 504	3 310 402
47	96 381	264	0.99726	0.00274	0.00263	33.35	96 251	3 213 898
48	96 117	286	0.99703	0.00297	0.00286	32.44	95 976	3 117 647
49	95 831	312	0.99675	0.00325	0.00311	31.53	95 678	3 021 670

Table A.The 20th Life Tables, 2005

Male (2－2)

age x	number of survivors l_x	number of deaths ${}_nd_x$	survivos rate ${}_np_x$	death rate ${}_nq_x$	force of mortality μ_x	life expectancy $\mathring{e}_x$	stationary population ${}_nL_x$	stationary population T_x
50	95 520	341	0.99643	0.00357	0.00341	30.63	95 352	2 925 993
51	95 179	375	0.99607	0.00393	0.00375	29.74	94 995	2 830 641
52	94 805	412	0.99565	0.00435	0.00414	28.86	94 602	2 735 646
53	94 393	451	0.99522	0.00478	0.00457	27.98	94 170	2 641 044
54	93 941	492	0.99476	0.00524	0.00501	27.11	93 699	2 546 874
55	93 449	541	0.99421	0.00579	0.00552	26.25	93 183	2 453 175
56	92 908	594	0.99361	0.00639	0.00611	25.40	92 615	2 359 992
57	92 314	643	0.99303	0.00697	0.00670	24.56	91 996	2 267 377
58	91 670	693	0.99244	0.00756	0.00729	23.73	91 328	2 175 381
59	90 977	744	0.99182	0.00818	0.00790	22.91	90 609	2 084 053
60	90 233	797	0.99117	0.00883	0.00853	22.09	89 839	1 993 443
61	89 436	855	0.99044	0.00956	0.00923	21.28	89 014	1 903 604
62	88 582	916	0.98966	0.01034	0.01000	20.48	88 128	1 814 590
63	87 665	972	0.98891	0.01109	0.01077	19.69	87 184	1 726 462
64	86 693	1 029	0.98813	0.01187	0.01153	18.91	86 184	1 639 278
65	85 664	1 094	0.98723	0.01277	0.01237	18.13	85 123	1 553 094
66	84 571	1 172	0.98614	0.01386	0.01336	17.36	83 992	1 467 971
67	83 399	1 272	0.98475	0.01525	0.01460	16.59	82 772	1 383 979
68	82 127	1 396	0.98301	0.01699	0.01620	15.84	81 440	1 301 206
69	80 732	1 536	0.98097	0.01903	0.01814	15.11	79 975	1 219 766
70	79 195	1 681	0.97877	0.02123	0.02030	14.39	78 367	1 139 790
71	77 514	1 830	0.97639	0.02361	0.02265	13.69	76 611	1 061 424
72	75 684	1 979	0.97385	0.02615	0.02516	13.01	74 707	984 812
73	73 705	2 134	0.97105	0.02895	0.02789	12.35	72 651	910 106
74	71 571	2 296	0.96792	0.03208	0.03093	11.70	70 437	837 455
75	69 275	2 463	0.96445	0.03555	0.03434	11.07	68 058	767 018
76	66 812	2 632	0.96061	0.03939	0.03812	10.46	65 511	698 960
77	64 181	2 804	0.95632	0.04368	0.04233	9.87	62 793	633 450
78	61 377	2 981	0.95144	0.04856	0.04712	9.30	59 901	570 656
79	58 396	3 155	0.94598	0.05402	0.05256	8.75	56 833	510 755
80	55 242	3 313	0.94002	0.05998	0.05860	8.22	53 598	453 922
81	51 929	3 447	0.93361	0.06639	0.06516	7.71	50 215	400 324
82	48 481	3 569	0.92639	0.07361	0.07241	7.22	46 706	350 109
83	44 913	3 672	0.91824	0.08176	0.08070	6.76	43 084	303 402
84	41 241	3 745	0.90919	0.09081	0.09007	6.31	39 372	260 318
85	37 495	3 775	0.89932	0.10068	0.10047	5.89	35 609	220 946
86	33 720	3 765	0.88836	0.11164	0.11202	5.50	31 835	185 337
87	29 956	3 703	0.87639	0.12361	0.12495	5.12	28 097	153 502
88	26 253	3 581	0.86358	0.13642	0.13916	4.78	24 449	125 405
89	22 672	3 386	0.85064	0.14936	0.15401	4.45	20 961	100 956
90	19 285	3 173	0.83547	0.16453	0.17097	4.15	17 679	79 995
91	16 112	2 896	0.82029	0.17971	0.18873	3.87	14 640	62 316
92	13 217	2 585	0.80440	0.19560	0.20767	3.61	11 897	47 676
93	10 632	2 256	0.78780	0.21220	0.22787	3.37	9 476	35 779
94	8 375	1 922	0.77047	0.22953	0.24940	3.14	7 387	26 303
95	6 453	1 598	0.75242	0.24758	0.27236	2.93	5 628	18 917
96	4 855	1 293	0.73363	0.26637	0.29684	2.74	4 184	13 289
97	3 562	1 018	0.71412	0.28588	0.32294	2.56	3 031	9 104
98	2 544	779	0.69389	0.30611	0.35077	2.39	2 136	6 073
99	1 765	577	0.67294	0.32706	0.38044	2.23	1 461	3 937
100	1 188	414	0.65131	0.34869	0.41208	2.08	969	2 476
101	774	287	0.62901	0.37099	0.44582	1.95	621	1 507
102	487	192	0.60607	0.39393	0.48179	1.82	384	886
103	295	123	0.58253	0.41747	0.52014	1.70	229	502
104	172	76	0.55844	0.44156	0.56104	1.59	131	274
105	96	45	0.53385	0.46615	0.60464	1.49	72	143
106	51	25	0.50882	0.49118	0.65114	1.39	37	71
107	26	13	0.48343	0.51657	0.70071	1.30	19	34
108	13	7	0.45774	0.54226	0.75357	1.22	9	15
109	6	3	0.43186	0.56814	0.80992	1.14	4	7
110	2	1	0.40587	0.59413	0.87002	1.07	2	3
111	1	1	0.37989	0.62011	0.93409	1.00	1	1

Table A.The 20th Life Tables, 2005

Female (2－1)

age x	number of survivors l_x	number of deaths ${}_nd_x$	survivos rate ${}_np_x$	death rate ${}_nq_x$	force of mortality μ_x	life expectancy $\mathring{e}_x$	stationary population ${}_nL_x$	stationary population T_x
0 (w)	100 000	93	0.99907	0.00093	0.08512	85.52	1 917	8 551 573
1	99 907	21	0.99979	0.00021	0.02219	85.58	1 916	8 549 656
2	99 886	11	0.99989	0.00011	0.00530	85.58	1 916	8 547 741
3	99 875	8	0.99992	0.00008	0.00422	85.57	1 915	8 545 825
4	99 867	25	0.99975	0.00025	0.00336	85.55	8 982	8 543 910
2 (m)	99 843	15	0.99985	0.00015	0.00207	85.48	8 320	8 534 927
3	99 828	39	0.99961	0.00039	0.00157	85.41	24 952	8 526 608
6	99 789	41	0.99959	0.00041	0.00131	85.20	49 882	8 501 656
0 (y)	100 000	252	0.99748	0.00252	0.08512	85.52	99 800	8 551 573
1	99 748	34	0.99966	0.00034	0.00051	84.73	99 730	8 451 773
2	99 714	25	0.99975	0.00025	0.00023	83.76	99 702	8 352 043
3	99 689	18	0.99982	0.00018	0.00021	82.78	99 680	8 252 341
4	99 671	13	0.99987	0.00013	0.00015	81.80	99 664	8 152 662
5	99 658	11	0.99989	0.00011	0.00011	80.81	99 653	8 052 997
6	99 648	9	0.99991	0.00009	0.00010	79.81	99 643	7 953 345
7	99 638	9	0.99991	0.00009	0.00009	78.82	99 634	7 853 702
8	99 630	8	0.99992	0.00008	0.00008	77.83	99 626	7 754 068
9	99 622	7	0.99993	0.00007	0.00008	76.84	99 618	7 654 442
10	99 614	7	0.99993	0.00007	0.00007	75.84	99 611	7 554 824
11	99 608	6	0.99994	0.00006	0.00006	74.85	99 605	7 455 213
12	99 602	7	0.99993	0.00007	0.00006	73.85	99 598	7 355 608
13	99 595	8	0.99992	0.00008	0.00008	72.86	99 591	7 256 010
14	99 586	10	0.99990	0.00010	0.00009	71.86	99 582	7 156 419
15	99 576	12	0.99988	0.00012	0.00011	70.87	99 571	7 056 838
16	99 565	14	0.99986	0.00014	0.00013	69.88	99 558	6 957 267
17	99 550	17	0.99983	0.00017	0.00016	68.89	99 542	6 857 710
18	99 533	21	0.99979	0.00021	0.00019	67.90	99 523	6 758 168
19	99 512	24	0.99976	0.00024	0.00022	66.91	99 501	6 658 645
20	99 489	26	0.99974	0.00026	0.00025	65.93	99 476	6 559 144
21	99 462	28	0.99971	0.00029	0.00027	64.95	99 448	6 459 668
22	99 434	31	0.99969	0.00031	0.00030	63.96	99 419	6 360 220
23	99 403	33	0.99967	0.00033	0.00032	62.98	99 387	6 260 801
24	99 371	33	0.99967	0.00033	0.00033	62.00	99 354	6 161 414
25	99 338	32	0.99968	0.00032	0.00033	61.02	99 322	6 062 060
26	99 306	30	0.99969	0.00031	0.00031	60.04	99 291	5 962 738
27	99 275	31	0.99969	0.00031	0.00031	59.06	99 260	5 863 448
28	99 245	32	0.99968	0.00032	0.00031	58.08	99 229	5 764 188
29	99 213	34	0.99965	0.00035	0.00034	57.10	99 196	5 664 959
30	99 178	37	0.99963	0.00037	0.00036	56.12	99 160	5 565 763
31	99 141	39	0.99960	0.00040	0.00038	55.14	99 122	5 466 603
32	99 102	42	0.99958	0.00042	0.00041	54.16	99 081	5 367 481
33	99 060	45	0.99954	0.00046	0.00044	53.18	99 037	5 268 400
34	99 015	49	0.99951	0.00049	0.00047	52.21	98 990	5 169 363
35	98 966	52	0.99947	0.00053	0.00051	51.23	98 940	5 070 372
36	98 914	56	0.99943	0.00057	0.00055	50.26	98 886	4 971 432
37	98 857	60	0.99940	0.00060	0.00059	49.29	98 828	4 872 546
38	98 798	64	0.99935	0.00065	0.00063	48.32	98 766	4 773 718
39	98 734	69	0.99930	0.00070	0.00067	47.35	98 699	4 674 952
40	98 665	74	0.99925	0.00075	0.00072	46.38	98 628	4 576 253
41	98 591	79	0.99919	0.00081	0.00078	45.42	98 551	4 477 625
42	98 511	86	0.99913	0.00087	0.00084	44.45	98 469	4 379 074
43	98 426	93	0.99906	0.00094	0.00090	43.49	98 380	4 280 605
44	98 333	101	0.99897	0.00103	0.00098	42.53	98 283	4 182 225
45	98 232	111	0.99887	0.00113	0.00108	41.57	98 177	4 083 942
46	98 121	122	0.99876	0.00124	0.00118	40.62	98 061	3 985 764
47	97 999	132	0.99865	0.00135	0.00129	39.67	97 934	3 887 703
48	97 867	144	0.99853	0.00147	0.00141	38.72	97 796	3 789 769
49	97 723	157	0.99839	0.00161	0.00154	37.78	97 646	3 691 973

Table A.The 20th Life Tables, 2005

Female (2－2)

age x	number of survivors l_x	number of deaths ${}_nd_x$	survivos rate ${}_np_x$	death rate ${}_nq_x$	force of mortality μ_x	life expectancy $\mathring{e}_x$	stationary population ${}_nL_x$	stationary population T_x
50	97 566	172	0.99824	0.00176	0.00169	36.84	97 481	3 594 327
51	97 394	187	0.99808	0.00192	0.00184	35.90	97 302	3 496 846
52	97 207	203	0.99791	0.00209	0.00201	34.97	97 107	3 399 544
53	97 004	219	0.99774	0.00226	0.00218	34.04	96 895	3 302 437
54	96 784	236	0.99757	0.00243	0.00235	33.12	96 668	3 205 541
55	96 549	256	0.99735	0.00265	0.00254	32.20	96 423	3 108 874
56	96 293	277	0.99713	0.00287	0.00277	31.28	96 156	3 012 451
57	96 016	294	0.99694	0.00306	0.00298	30.37	95 871	2 916 295
58	95 722	310	0.99676	0.00324	0.00315	29.46	95 569	2 820 424
59	95 412	327	0.99657	0.00343	0.00333	28.56	95 251	2 724 855
60	95 086	347	0.99636	0.00364	0.00353	27.66	94 914	2 629 605
61	94 739	371	0.99609	0.00391	0.00378	26.75	94 556	2 534 691
62	94 368	401	0.99575	0.00425	0.00408	25.86	94 171	2 440 135
63	93 968	430	0.99542	0.00458	0.00442	24.97	93 755	2 345 964
64	93 538	461	0.99508	0.00492	0.00475	24.08	93 310	2 252 209
65	93 077	499	0.99464	0.00536	0.00514	23.19	92 831	2 158 898
66	92 579	545	0.99411	0.00589	0.00563	22.32	92 310	2 066 067
67	92 033	596	0.99352	0.00648	0.00619	21.45	91 740	1 973 757
68	91 437	655	0.99284	0.00716	0.00683	20.58	91 115	1 882 017
69	90 782	724	0.99203	0.00797	0.00758	19.73	90 426	1 790 902
70	90 058	802	0.99110	0.00890	0.00845	18.88	89 664	1 700 476
71	89 256	892	0.99001	0.00999	0.00947	18.05	88 818	1 610 811
72	88 364	993	0.98876	0.01124	0.01065	17.22	87 877	1 521 993
73	87 371	1 101	0.98740	0.01260	0.01198	16.41	86 830	1 434 117
74	86 270	1 215	0.98591	0.01409	0.01341	15.62	85 672	1 347 287
75	85 054	1 338	0.98426	0.01574	0.01499	14.83	84 396	1 261 615
76	83 716	1 472	0.98241	0.01759	0.01676	14.06	82 991	1 177 219
77	82 244	1 620	0.98030	0.01970	0.01877	13.30	81 447	1 094 228
78	80 623	1 791	0.97779	0.02221	0.02110	12.56	79 743	1 012 781
79	78 833	1 993	0.97472	0.02528	0.02393	11.84	77 854	933 038
80	76 839	2 227	0.97102	0.02898	0.02740	11.13	75 746	855 184
81	74 612	2 486	0.96668	0.03332	0.03152	10.45	73 392	779 437
82	72 126	2 773	0.96156	0.03844	0.03643	9.79	70 764	706 045
83	69 354	3 059	0.95590	0.04410	0.04206	9.16	67 848	635 281
84	66 295	3 330	0.94977	0.05023	0.04822	8.56	64 652	567 434
85	62 965	3 586	0.94304	0.05696	0.05495	7.99	61 193	502 782
86	59 378	3 840	0.93532	0.06468	0.06256	7.44	57 479	441 589
87	55 538	4 084	0.92647	0.07353	0.07139	6.92	53 516	384 110
88	51 454	4 301	0.91641	0.08359	0.08164	6.43	49 320	330 594
89	47 153	4 447	0.90569	0.09431	0.09303	5.97	44 939	281 274
90	42 706	4 511	0.89437	0.10563	0.10517	5.53	40 453	236 336
91	38 195	4 507	0.88200	0.11800	0.11833	5.13	35 939	195 883
92	33 688	4 447	0.86800	0.13200	0.13321	4.75	31 457	159 944
93	29 241	4 312	0.85253	0.14747	0.15024	4.39	27 071	128 487
94	24 929	4 089	0.83597	0.16403	0.16922	4.07	22 861	101 417
95	20 840	3 740	0.82053	0.17947	0.18740	3.77	18 938	78 555
96	17 100	3 375	0.80264	0.19736	0.20851	3.49	15 381	59 617
97	13 725	2 970	0.78359	0.21641	0.23151	3.22	12 205	44 236
98	10 755	2 545	0.76333	0.23667	0.25659	2.98	9 446	32 031
99	8 210	2 119	0.74185	0.25815	0.28393	2.75	7 115	22 585
100	6 090	1 711	0.71912	0.28088	0.31372	2.54	5 202	15 470
101	4 380	1 335	0.69513	0.30487	0.34620	2.34	3 682	10 268
102	3 044	1 005	0.66990	0.33010	0.38161	2.16	2 516	6 585
103	2 039	727	0.64344	0.35656	0.42020	2.00	1 655	4 069
104	1 312	504	0.61578	0.38422	0.46227	1.84	1 044	2 414
105	808	334	0.58698	0.41302	0.50812	1.70	629	1 370
106	474	210	0.55713	0.44287	0.55811	1.56	361	741
107	264	125	0.52631	0.47369	0.61260	1.44	196	380
108	139	70	0.49466	0.50534	0.67199	1.33	100	184
109	69	37	0.46232	0.53768	0.73673	1.22	48	84
110	32	18	0.42947	0.57053	0.80730	1.12	22	36
111	14	8	0.39631	0.60369	0.88423	1.04	9	14
112	5	3	0.36308	0.63692	0.96808	0.96	3	5
113	2	1	0.33003	0.66997	1.05948	0.88	1	2
114	1	0	0.29741	0.70259	1.15912	0.82	0	1