

Table A. Abridged Life Tables for Japan, 2017

Male

age x	probability of dying nq_x	number of survivors l_x	number of deaths nd_x	stationary population		life expectancy e_x
				number of person-years nL_x	total person-years T_x	
0 (W)	0.00072	100 000	72	1 917	8 109 161	81.09
1	0.00010	99 928	10	1 916	8 107 244	81.13
2	0.00008	99 918	8	1 916	8 105 328	81.12
3	0.00006	99 911	6	1 916	8 103 412	81.11
4	0.00021	99 905	21	8 986	8 101 496	81.09
2 (M)	0.00013	99 884	13	8 323	8 092 510	81.02
3	0.00030	99 871	30	24 964	8 084 187	80.95
6	0.00032	99 841	32	49 911	8 059 223	80.72
0 (Y)	0.00191	100 000	191	99 850	8 109 161	81.09
1	0.00031	99 809	31	99 794	8 009 312	80.25
2	0.00021	99 779	21	99 768	7 909 518	79.27
3	0.00013	99 758	13	99 751	7 809 750	78.29
4	0.00010	99 745	10	99 740	7 709 999	77.30
5	0.00008	99 735	8	99 731	7 610 260	76.30
6	0.00008	99 727	8	99 723	7 510 529	75.31
7	0.00008	99 719	8	99 715	7 410 806	74.32
8	0.00007	99 711	7	99 707	7 311 091	73.32
9	0.00007	99 704	7	99 700	7 211 384	72.33
10	0.00007	99 697	7	99 693	7 111 684	71.33
11	0.00008	99 689	8	99 685	7 011 991	70.34
12	0.00009	99 681	9	99 677	6 912 305	69.34
13	0.00011	99 672	11	99 667	6 812 628	68.35
14	0.00014	99 661	14	99 654	6 712 962	67.36
15	0.00017	99 647	17	99 639	6 613 308	66.37
16	0.00021	99 630	21	99 620	6 513 669	65.38
17	0.00026	99 609	26	99 596	6 414 049	64.39
18	0.00032	99 582	32	99 567	6 314 453	63.41
19	0.00038	99 550	37	99 532	6 214 886	62.43
20	0.00042	99 513	42	99 492	6 115 354	61.45
21	0.00046	99 471	46	99 448	6 015 862	60.48
22	0.00049	99 425	49	99 401	5 916 414	59.51
23	0.00051	99 376	50	99 351	5 817 013	58.54
24	0.00051	99 326	50	99 301	5 717 662	57.56
25	0.00050	99 275	50	99 250	5 618 361	56.59
26	0.00050	99 226	49	99 201	5 519 111	55.62
27	0.00050	99 177	49	99 152	5 419 910	54.65
28	0.00051	99 127	50	99 102	5 320 758	53.68
29	0.00053	99 077	52	99 051	5 221 655	52.70
30	0.00055	99 025	55	98 997	5 122 604	51.73
31	0.00058	98 970	58	98 941	5 023 607	50.76
32	0.00061	98 912	60	98 882	4 924 666	49.79
33	0.00063	98 852	63	98 821	4 825 783	48.82
34	0.00066	98 789	65	98 757	4 726 962	47.85
35	0.00068	98 725	67	98 691	4 628 205	46.88
36	0.00072	98 657	71	98 622	4 529 514	45.91
37	0.00077	98 586	76	98 549	4 430 892	44.94
38	0.00083	98 511	82	98 470	4 332 343	43.98
39	0.00091	98 429	89	98 385	4 233 872	43.01
40	0.00099	98 340	97	98 292	4 135 487	42.05
41	0.00106	98 243	104	98 191	4 037 195	41.09
42	0.00114	98 139	112	98 083	3 939 004	40.14
43	0.00124	98 027	122	97 967	3 840 921	39.18
44	0.00137	97 905	134	97 839	3 742 954	38.23
45	0.00152	97 771	148	97 698	3 645 115	37.28
46	0.00169	97 623	165	97 542	3 547 417	36.34
47	0.00188	97 458	183	97 367	3 449 875	35.40
48	0.00209	97 274	203	97 174	3 352 508	34.46
49	0.00231	97 071	224	96 960	3 255 334	33.54

Male

age x	probability of dying nq_x	number of survivors l_x	number of deaths nd_x	stationary population		life expectancy e_x
				number of person-years nL_x	total person-years T_x	
50	0.00254	96 846	246	96 725	3 158 373	32.61
51	0.00278	96 600	268	96 468	3 061 649	31.69
52	0.00305	96 332	294	96 187	2 965 181	30.78
53	0.00337	96 038	324	95 879	2 868 994	29.87
54	0.00373	95 714	357	95 538	2 773 115	28.97
55	0.00410	95 357	391	95 164	2 677 576	28.08
56	0.00447	94 966	425	94 757	2 582 412	27.19
57	0.00487	94 541	461	94 314	2 487 656	26.31
58	0.00533	94 080	502	93 833	2 393 342	25.44
59	0.00587	93 579	549	93 308	2 299 508	24.57
60	0.00646	93 030	601	92 734	2 206 200	23.72
61	0.00713	92 428	659	92 104	2 113 467	22.87
62	0.00787	91 769	722	91 413	2 021 363	22.03
63	0.00870	91 047	792	90 657	1 929 950	21.20
64	0.00966	90 255	872	89 826	1 839 293	20.38
65	0.01072	89 383	958	88 911	1 749 467	19.57
66	0.01189	88 424	1 052	87 907	1 660 556	18.78
67	0.01312	87 373	1 147	86 807	1 572 650	18.00
68	0.01437	86 226	1 239	85 614	1 485 842	17.23
69	0.01566	84 987	1 331	84 330	1 400 228	16.48
70	0.01713	83 657	1 433	82 949	1 315 898	15.73
71	0.01880	82 223	1 546	81 460	1 232 949	15.00
72	0.02062	80 678	1 663	79 856	1 151 489	14.27
73	0.02256	79 014	1 783	78 133	1 071 633	13.56
74	0.02467	77 232	1 905	76 289	993 500	12.86
75	0.02690	75 326	2 026	74 324	917 211	12.18
76	0.02956	73 300	2 167	72 229	842 887	11.50
77	0.03280	71 133	2 333	69 981	770 658	10.83
78	0.03680	68 800	2 532	67 551	700 677	10.18
79	0.04151	66 268	2 750	64 911	633 125	9.55
80	0.04681	63 517	2 973	62 050	568 214	8.95
81	0.05277	60 544	3 195	58 965	506 164	8.36
82	0.05954	57 349	3 414	55 660	447 199	7.80
83	0.06730	53 935	3 630	52 138	391 538	7.26
84	0.07607	50 305	3 827	48 407	339 401	6.75
85	0.08606	46 479	4 000	44 492	290 994	6.26
86	0.09729	42 479	4 133	40 421	246 502	5.80
87	0.10953	38 346	4 200	36 249	206 081	5.37
88	0.12282	34 146	4 194	32 045	169 832	4.97
89	0.13703	29 952	4 104	27 889	137 787	4.60
90	0.15151	25 848	3 916	23 871	109 899	4.25
91	0.16786	21 932	3 681	20 069	86 028	3.92
92	0.18564	18 250	3 388	16 530	65 958	3.61
93	0.20494	14 862	3 046	13 309	49 429	3.33
94	0.22583	11 816	2 669	10 450	36 120	3.06
95	0.24839	9 148	2 272	7 978	25 670	2.81
96	0.27266	6 876	1 875	5 906	17 692	2.57
97	0.29869	5 001	1 494	4 223	11 786	2.36
98	0.32651	3 507	1 145	2 907	7 563	2.16
99	0.35610	2 362	841	1 918	4 655	1.97
100	0.38743	1 521	589	1 208	2 737	1.80
101	0.42043	932	392	722	1 530	1.64
102	0.45500	540	246	407	808	1.50
103	0.49096	294	144	215	401	1.36
104	0.52812	150	79	106	186	1.24
105 -	1.00000	71	71	80	80	1.13

Table A. Abridged Life Tables for Japan, 2017

Female

age x	probability of dying nq_x	number of survivors l_x	number of deaths nd_x	stationary population		life expectancy e_x
				number of person-years nL_x	total person-years T_x	
0 (W)	0.00060	100 000	60	1 917	8 726 455	87.26
1	0.00007	99 940	7	1 917	8 724 538	87.30
2	0.00008	99 933	8	1 916	8 722 622	87.28
3	0.00006	99 925	6	1 916	8 720 705	87.27
4	0.00021	99 920	21	8 987	8 718 789	87.26
2 (M)	0.00012	99 898	12	8 324	8 709 802	87.19
3	0.00031	99 886	31	24 968	8 701 477	87.11
6	0.00034	99 855	34	49 917	8 676 510	86.89
0 (Y)	0.00179	100 000	179	99 863	8 726 455	87.26
1	0.00028	99 821	28	99 806	8 626 592	86.42
2	0.00019	99 793	19	99 784	8 526 786	85.44
3	0.00013	99 774	13	99 767	8 427 003	84.46
4	0.00009	99 761	9	99 757	8 327 235	83.47
5	0.00007	99 753	7	99 749	8 227 478	82.48
6	0.00006	99 745	6	99 742	8 127 730	81.48
7	0.00005	99 739	5	99 736	8 027 987	80.49
8	0.00005	99 734	5	99 731	7 928 251	79.49
9	0.00005	99 729	4	99 727	7 828 520	78.50
10	0.00004	99 724	4	99 722	7 728 793	77.50
11	0.00004	99 720	4	99 718	7 629 071	76.50
12	0.00005	99 716	5	99 713	7 529 353	75.51
13	0.00007	99 710	7	99 707	7 429 639	74.51
14	0.00009	99 704	9	99 700	7 329 932	73.52
15	0.00010	99 695	10	99 690	7 230 233	72.52
16	0.00011	99 685	11	99 680	7 130 542	71.53
17	0.00012	99 675	12	99 669	7 030 862	70.54
18	0.00014	99 663	14	99 656	6 931 194	69.55
19	0.00016	99 649	16	99 641	6 831 538	68.56
20	0.00018	99 633	18	99 624	6 731 897	67.57
21	0.00019	99 615	19	99 605	6 632 273	66.58
22	0.00020	99 596	19	99 586	6 532 667	65.59
23	0.00020	99 576	20	99 566	6 433 081	64.60
24	0.00021	99 556	21	99 546	6 333 515	63.62
25	0.00022	99 536	22	99 525	6 233 969	62.63
26	0.00023	99 514	23	99 502	6 134 444	61.64
27	0.00024	99 491	24	99 479	6 034 942	60.66
28	0.00025	99 466	25	99 454	5 935 463	59.67
29	0.00027	99 441	27	99 428	5 836 009	58.69
30	0.00028	99 415	28	99 401	5 736 581	57.70
31	0.00030	99 387	30	99 372	5 637 180	56.72
32	0.00032	99 357	31	99 341	5 537 808	55.74
33	0.00034	99 326	34	99 309	5 438 467	54.75
34	0.00037	99 292	37	99 273	5 339 158	53.77
35	0.00040	99 255	39	99 235	5 239 885	52.79
36	0.00041	99 216	41	99 195	5 140 650	51.81
37	0.00043	99 175	43	99 154	5 041 454	50.83
38	0.00047	99 132	46	99 109	4 942 301	49.86
39	0.00052	99 086	51	99 061	4 843 191	48.88
40	0.00058	99 035	57	99 007	4 744 131	47.90
41	0.00064	98 978	63	98 946	4 645 124	46.93
42	0.00071	98 914	70	98 880	4 546 178	45.96
43	0.00077	98 844	77	98 807	4 447 298	44.99
44	0.00084	98 768	83	98 727	4 348 491	44.03
45	0.00092	98 684	91	98 640	4 249 765	43.06
46	0.00101	98 594	99	98 545	4 151 125	42.10
47	0.00111	98 495	109	98 441	4 052 580	41.15
48	0.00121	98 386	119	98 327	3 954 139	40.19
49	0.00133	98 266	130	98 202	3 855 812	39.24

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	0.00145	98 136	142	98 066	3 757 610	38.29
51	0.00158	97 994	155	97 917	3 659 544	37.34
52	0.00170	97 839	167	97 756	3 561 627	36.40
53	0.00183	97 672	178	97 584	3 463 870	35.46
54	0.00195	97 494	190	97 400	3 366 287	34.53
55	0.00208	97 304	202	97 204	3 268 887	33.59
56	0.00223	97 102	216	96 995	3 171 683	32.66
57	0.00240	96 885	233	96 770	3 074 688	31.74
58	0.00258	96 653	249	96 530	2 977 917	30.81
59	0.00275	96 404	265	96 273	2 881 388	29.89
60	0.00294	96 139	282	95 999	2 785 115	28.97
61	0.00315	95 856	302	95 707	2 689 116	28.05
62	0.00341	95 554	326	95 393	2 593 409	27.14
63	0.00372	95 228	354	95 054	2 498 015	26.23
64	0.00408	94 874	387	94 683	2 402 962	25.33
65	0.00445	94 487	420	94 280	2 308 278	24.43
66	0.00486	94 067	457	93 842	2 213 998	23.54
67	0.00536	93 610	502	93 363	2 120 157	22.65
68	0.00590	93 108	549	92 837	2 026 794	21.77
69	0.00646	92 559	598	92 264	1 933 957	20.89
70	0.00705	91 960	648	91 640	1 841 693	20.03
71	0.00767	91 312	700	90 966	1 750 053	19.17
72	0.00840	90 612	761	90 237	1 659 086	18.31
73	0.00931	89 851	836	89 439	1 568 850	17.46
74	0.01041	89 015	927	88 559	1 479 410	16.62
75	0.01165	88 088	1 026	87 583	1 390 851	15.79
76	0.01312	87 062	1 142	86 501	1 303 268	14.97
77	0.01494	85 919	1 284	85 291	1 216 766	14.16
78	0.01719	84 636	1 455	83 924	1 131 476	13.37
79	0.01985	83 181	1 651	82 372	1 047 552	12.59
80	0.02284	81 530	1 862	80 617	965 180	11.84
81	0.02623	79 667	2 089	78 642	884 563	11.10
82	0.03018	77 578	2 341	76 429	805 920	10.39
83	0.03489	75 237	2 625	73 949	729 491	9.70
84	0.04041	72 612	2 934	71 171	655 542	9.03
85	0.04684	69 677	3 264	68 073	584 371	8.39
86	0.05417	66 414	3 598	64 643	516 297	7.77
87	0.06245	62 816	3 923	60 881	451 654	7.19
88	0.07188	58 893	4 233	56 801	390 773	6.64
89	0.08248	54 660	4 508	52 427	333 972	6.11
90	0.09452	50 152	4 740	47 798	281 545	5.61
91	0.10775	45 412	4 893	42 975	233 747	5.15
92	0.12274	40 518	4 973	38 036	190 772	4.71
93	0.14087	35 545	5 007	33 043	152 736	4.30
94	0.16370	30 538	4 999	28 030	119 693	3.92
95	0.18515	25 539	4 729	23 144	91 663	3.59
96	0.20732	20 810	4 314	18 614	68 518	3.29
97	0.23017	16 496	3 797	14 551	49 905	3.03
98	0.25370	12 699	3 222	11 039	35 353	2.78
99	0.27788	9 477	2 634	8 112	24 314	2.57
100	0.30268	6 844	2 071	5 763	16 202	2.37
101	0.32806	4 772	1 566	3 950	10 439	2.19
102	0.35398	3 207	1 135	2 607	6 489	2.02
103	0.38038	2 072	788	1 652	3 882	1.87
104	0.40722	1 284	523	1 003	2 230	1.74
105 -	1.00000	761	761	1 227	1 227	1.61