

Table A. Abridged Life Tables for Japan, 2020

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)	0.00067	100 000	67	1 917	8 163 602	81.64
1	0.00005	99 933	5	1 916	8 161 685	81.67
2	0.00008	99 928	8	1 916	8 159 768	81.66
3	0.00004	99 920	4	1 916	8 157 852	81.64
4	0.00020	99 916	20	8 987	8 155 936	81.63
2 (M)	0.00013	99 896	13	8 324	8 146 949	81.55
3	0.00030	99 883	30	24 967	8 138 625	81.48
6	0.00036	99 852	36	49 916	8 113 658	81.26
0 (Y)	0.00184	100 000	184	99 860	8 163 602	81.64
1	0.00023	99 816	23	99 802	8 063 742	80.79
2	0.00016	99 793	16	99 785	7 963 940	79.80
3	0.00011	99 777	11	99 771	7 864 155	78.82
4	0.00008	99 766	8	99 762	7 764 384	77.83
5	0.00006	99 758	6	99 755	7 664 622	76.83
6	0.00006	99 751	6	99 749	7 564 868	75.84
7	0.00006	99 746	6	99 743	7 465 119	74.84
8	0.00005	99 740	5	99 737	7 365 376	73.85
9	0.00005	99 735	5	99 732	7 265 639	72.85
10	0.00006	99 729	6	99 726	7 165 907	71.85
11	0.00007	99 723	7	99 720	7 066 181	70.86
12	0.00009	99 716	9	99 712	6 966 461	69.86
13	0.00011	99 707	11	99 702	6 866 749	68.87
14	0.00014	99 697	14	99 690	6 767 047	67.88
15	0.00018	99 683	18	99 675	6 667 356	66.89
16	0.00023	99 665	23	99 654	6 567 682	65.90
17	0.00028	99 643	28	99 629	6 468 027	64.91
18	0.00033	99 615	33	99 599	6 368 398	63.93
19	0.00038	99 582	38	99 564	6 268 799	62.95
20	0.00043	99 545	43	99 524	6 169 235	61.97
21	0.00048	99 502	48	99 478	6 069 712	61.00
22	0.00051	99 454	51	99 429	5 970 234	60.03
23	0.00051	99 403	51	99 377	5 870 805	59.06
24	0.00050	99 352	50	99 327	5 771 428	58.09
25	0.00049	99 302	49	99 278	5 672 101	57.12
26	0.00049	99 253	48	99 229	5 572 823	56.15
27	0.00049	99 205	49	99 181	5 473 594	55.17
28	0.00050	99 156	49	99 132	5 374 414	54.20
29	0.00050	99 107	50	99 082	5 275 282	53.23
30	0.00052	99 057	52	99 031	5 176 200	52.25
31	0.00056	99 005	55	98 978	5 077 169	51.28
32	0.00060	98 950	60	98 920	4 978 191	50.31
33	0.00065	98 890	64	98 858	4 879 271	49.34
34	0.00068	98 826	67	98 793	4 780 413	48.37
35	0.00071	98 759	70	98 724	4 681 620	47.40
36	0.00072	98 689	71	98 654	4 582 896	46.44
37	0.00074	98 618	73	98 582	4 484 242	45.47
38	0.00078	98 545	77	98 507	4 385 661	44.50
39	0.00085	98 468	83	98 427	4 287 154	43.54
40	0.00093	98 385	92	98 340	4 188 726	42.57
41	0.00103	98 293	101	98 243	4 090 387	41.61
42	0.00113	98 192	111	98 137	3 992 143	40.66
43	0.00124	98 081	121	98 021	3 894 006	39.70
44	0.00136	97 959	133	97 894	3 795 986	38.75
45	0.00149	97 826	146	97 754	3 698 092	37.80
46	0.00164	97 680	160	97 601	3 600 338	36.86
47	0.00180	97 520	176	97 433	3 502 737	35.92
48	0.00198	97 344	193	97 249	3 405 303	34.98
49	0.00221	97 151	215	97 046	3 308 054	34.05

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	
50	0.00245	96 936	237	96 820	3 211 009	33.12
51	0.00269	96 699	260	96 571	3 114 189	32.20
52	0.00294	96 440	283	96 300	3 017 617	31.29
53	0.00322	96 156	310	96 004	2 921 317	30.38
54	0.00356	95 846	341	95 679	2 825 313	29.48
55	0.00394	95 505	376	95 320	2 729 635	28.58
56	0.00435	95 129	414	94 925	2 634 315	27.69
57	0.00475	94 715	450	94 493	2 539 390	26.81
58	0.00517	94 266	487	94 025	2 444 896	25.94
59	0.00565	93 778	530	93 517	2 350 871	25.07
60	0.00623	93 248	581	92 962	2 257 354	24.21
61	0.00690	92 668	639	92 353	2 164 391	23.36
62	0.00764	92 028	703	91 682	2 072 038	22.52
63	0.00841	91 326	768	90 947	1 980 356	21.68
64	0.00923	90 558	836	90 145	1 889 409	20.86
65	0.01011	89 722	907	89 274	1 799 263	20.05
66	0.01113	88 815	988	88 328	1 709 989	19.25
67	0.01233	87 826	1 083	87 293	1 621 661	18.46
68	0.01369	86 743	1 187	86 158	1 534 368	17.69
69	0.01518	85 556	1 299	84 916	1 448 210	16.93
70	0.01676	84 257	1 412	83 560	1 363 294	16.18
71	0.01830	82 845	1 516	82 095	1 279 734	15.45
72	0.01990	81 329	1 618	80 528	1 197 639	14.73
73	0.02175	79 710	1 734	78 854	1 117 111	14.01
74	0.02393	77 976	1 866	77 055	1 038 257	13.32
75	0.02642	76 110	2 011	75 117	961 202	12.63
76	0.02913	74 100	2 158	73 033	886 085	11.96
77	0.03207	71 941	2 307	70 800	813 052	11.30
78	0.03521	69 634	2 452	68 421	742 252	10.66
79	0.03894	67 183	2 616	65 889	673 831	10.03
80	0.04344	64 567	2 805	63 181	607 942	9.42
81	0.04871	61 762	3 009	60 275	544 761	8.82
82	0.05481	58 753	3 220	57 161	484 486	8.25
83	0.06168	55 533	3 425	53 837	427 326	7.69
84	0.06955	52 108	3 624	50 312	373 488	7.17
85	0.07856	48 484	3 809	46 594	323 177	6.67
86	0.08885	44 675	3 969	42 702	276 583	6.19
87	0.10034	40 706	4 084	38 671	233 881	5.75
88	0.11306	36 621	4 140	34 553	195 210	5.33
89	0.12677	32 481	4 118	30 416	160 658	4.95
90	0.14104	28 363	4 000	26 348	130 241	4.59
91	0.15353	24 363	3 740	22 469	103 893	4.26
92	0.16870	20 622	3 479	18 860	81 425	3.95
93	0.18531	17 143	3 177	15 528	62 565	3.65
94	0.20345	13 966	2 842	12 517	47 037	3.37
95	0.22321	11 125	2 483	9 853	34 520	3.10
96	0.24467	8 642	2 114	7 554	24 667	2.85
97	0.26791	6 527	1 749	5 623	17 114	2.62
98	0.29300	4 779	1 400	4 050	11 491	2.40
99	0.31997	3 378	1 081	2 813	7 440	2.20
100	0.34884	2 297	801	1 875	4 627	2.01
101	0.37960	1 496	568	1 195	2 752	1.84
102	0.41220	928	383	723	1 557	1.68
103	0.44656	546	244	414	834	1.53
104	0.48251	302	146	222	420	1.39
105 -	1.00000	156	156	198	198	1.26

Table A. Abridged Life Tables for Japan, 2020

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)	0.00064	100 000	64	1 917	8 774 406	87.74
1	0.00008	99 936	8	1 916	8 772 489	87.78
2	0.00005	99 927	5	1 916	8 770 573	87.77
3	0.00006	99 923	6	1 916	8 768 657	87.75
4	0.00016	99 917	16	8 987	8 766 740	87.74
2 (M)	0.00012	99 901	12	8 325	8 757 753	87.66
3	0.00028	99 889	28	24 969	8 749 429	87.59
6	0.00033	99 861	33	49 921	8 724 460	87.37
0 (Y)	0.00172	100 000	172	99 868	8 774 406	87.74
1	0.00016	99 828	16	99 817	8 674 539	86.89
2	0.00012	99 812	12	99 807	8 574 722	85.91
3	0.00009	99 800	9	99 796	8 474 915	84.92
4	0.00007	99 792	7	99 788	8 375 119	83.93
5	0.00007	99 785	7	99 781	8 275 331	82.93
6	0.00007	99 778	7	99 775	8 175 549	81.94
7	0.00006	99 771	6	99 768	8 075 775	80.94
8	0.00006	99 765	6	99 762	7 976 006	79.95
9	0.00005	99 759	5	99 756	7 876 244	78.95
10	0.00005	99 754	5	99 751	7 776 488	77.96
11	0.00006	99 748	6	99 745	7 676 737	76.96
12	0.00007	99 742	7	99 739	7 576 992	75.97
13	0.00008	99 736	8	99 732	7 477 253	74.97
14	0.00009	99 728	9	99 723	7 377 521	73.98
15	0.00011	99 719	11	99 713	7 277 798	72.98
16	0.00014	99 707	14	99 701	7 178 084	71.99
17	0.00017	99 693	17	99 685	7 078 384	71.00
18	0.00019	99 676	19	99 667	6 978 699	70.01
19	0.00020	99 657	20	99 647	6 879 032	69.03
20	0.00022	99 637	21	99 626	6 779 385	68.04
21	0.00023	99 615	23	99 604	6 679 759	67.06
22	0.00024	99 593	24	99 581	6 580 155	66.07
23	0.00025	99 569	25	99 556	6 480 574	65.09
24	0.00025	99 544	25	99 532	6 381 017	64.10
25	0.00025	99 519	25	99 507	6 281 486	63.12
26	0.00026	99 494	26	99 481	6 181 979	62.13
27	0.00026	99 468	26	99 455	6 082 498	61.15
28	0.00027	99 442	27	99 429	5 983 042	60.17
29	0.00028	99 416	27	99 402	5 883 613	59.18
30	0.00028	99 388	27	99 374	5 784 212	58.20
31	0.00028	99 361	28	99 347	5 684 837	57.21
32	0.00029	99 333	29	99 319	5 585 490	56.23
33	0.00031	99 305	31	99 289	5 486 171	55.25
34	0.00035	99 274	35	99 257	5 386 881	54.26
35	0.00039	99 239	39	99 220	5 287 625	53.28
36	0.00043	99 200	43	99 179	5 188 405	52.30
37	0.00047	99 157	46	99 134	5 089 226	51.32
38	0.00050	99 111	50	99 086	4 990 092	50.35
39	0.00054	99 061	54	99 035	4 891 006	49.37
40	0.00058	99 007	58	98 979	4 791 971	48.40
41	0.00063	98 949	62	98 919	4 692 993	47.43
42	0.00068	98 887	67	98 854	4 594 074	46.46
43	0.00074	98 820	73	98 784	4 495 220	45.49
44	0.00082	98 747	81	98 707	4 396 436	44.52
45	0.00091	98 666	90	98 622	4 297 729	43.56
46	0.00100	98 576	98	98 528	4 199 108	42.60
47	0.00109	98 478	107	98 425	4 100 580	41.64
48	0.00119	98 371	117	98 313	4 002 155	40.68
49	0.00132	98 254	130	98 190	3 903 842	39.73

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	98 124	143	98 054	3 805 652	38.78
51	0.00159	97 981	155	97 905	3 707 598	37.84
52	0.00170	97 826	167	97 744	3 609 693	36.90
53	0.00181	97 660	177	97 572	3 511 949	35.96
54	0.00193	97 483	188	97 390	3 414 377	35.03
55	0.00205	97 295	200	97 196	3 316 987	34.09
56	0.00219	97 095	213	96 990	3 219 791	33.16
57	0.00234	96 882	226	96 770	3 122 801	32.23
58	0.00248	96 656	239	96 537	3 026 030	31.31
59	0.00263	96 417	253	96 291	2 929 493	30.38
60	0.00281	96 163	270	96 030	2 833 202	29.46
61	0.00305	95 893	292	95 749	2 737 172	28.54
62	0.00333	95 600	318	95 444	2 641 423	27.63
63	0.00360	95 282	343	95 113	2 545 980	26.72
64	0.00390	94 939	370	94 756	2 450 867	25.82
65	0.00422	94 569	399	94 372	2 356 111	24.91
66	0.00459	94 170	432	93 957	2 261 738	24.02
67	0.00503	93 738	471	93 506	2 167 781	23.13
68	0.00554	93 267	516	93 013	2 074 275	22.24
69	0.00612	92 751	568	92 471	1 981 262	21.36
70	0.00679	92 183	626	91 875	1 888 791	20.49
71	0.00750	91 557	686	91 219	1 796 916	19.63
72	0.00825	90 871	749	90 501	1 705 697	18.77
73	0.00910	90 121	820	89 717	1 615 196	17.92
74	0.01007	89 301	900	88 858	1 525 479	17.08
75	0.01122	88 401	992	87 914	1 436 621	16.25
76	0.01258	87 410	1 100	86 870	1 348 707	15.43
77	0.01424	86 310	1 229	85 707	1 261 838	14.62
78	0.01618	85 081	1 376	84 406	1 176 130	13.82
79	0.01849	83 705	1 548	82 946	1 091 725	13.04
80	0.02117	82 156	1 739	81 304	1 008 779	12.28
81	0.02424	80 417	1 949	79 461	927 475	11.53
82	0.02786	78 468	2 186	77 395	848 014	10.81
83	0.03213	76 282	2 451	75 079	770 619	10.10
84	0.03713	73 831	2 741	72 485	695 540	9.42
85	0.04295	71 090	3 053	69 590	623 054	8.76
86	0.04968	68 036	3 380	66 374	553 465	8.13
87	0.05747	64 657	3 716	62 827	487 090	7.53
88	0.06669	60 941	4 064	58 938	424 263	6.96
89	0.07726	56 877	4 395	54 705	365 326	6.42
90	0.08880	52 482	4 660	50 171	310 620	5.92
91	0.10113	47 822	4 836	45 415	260 449	5.45
92	0.11446	42 986	4 920	40 529	215 034	5.00
93	0.12914	38 066	4 916	35 603	174 505	4.58
94	0.14481	33 150	4 801	30 739	138 902	4.19
95	0.16607	28 349	4 708	25 983	108 163	3.82
96	0.18745	23 642	4 432	21 397	82 179	3.48
97	0.21064	19 210	4 046	17 151	60 782	3.16
98	0.23573	15 164	3 574	13 334	43 632	2.88
99	0.26276	11 589	3 045	10 021	30 297	2.61
100	0.29177	8 544	2 493	7 251	20 276	2.37
101	0.32278	6 051	1 953	5 031	13 025	2.15
102	0.35576	4 098	1 458	3 330	7 994	1.95
103	0.39064	2 640	1 031	2 092	4 664	1.77
104	0.42732	1 609	687	1 240	2 572	1.60
105 -	1.00000	921	921	1 332	1 332	1.45