

Ministry of Health, Labour and Welfare. Abridged Life Tables – constructed on the Provisional Annual Vital Statistics and the Population Estimates. <https://www.mhlw.go.jp/english/database/db-hw/vs02.html> (downloaded: 11/12/2023).

Table A. Abridged Life Tables for Japan, 2021

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	
0 (W)	0.00063	100 000	63	1 917	8 147 364	81.47
1	0.00010	99 937	10	1 916	8 145 447	81.51
2	0.00005	99 927	5	1 916	8 143 531	81.50
3	0.00004	99 921	4	1 916	8 141 615	81.48
4	0.00023	99 917	23	8 987	8 139 698	81.46
2 (M)	0.00014	99 894	14	8 324	8 130 711	81.39
3	0.00029	99 880	29	24 966	8 122 387	81.32
6	0.00034	99 851	33	49 917	8 097 421	81.09
0 (Y)	0.00182	100 000	182	99 860	8 147 364	81.47
1	0.00023	99 818	23	99 804	8 047 504	80.62
2	0.00016	99 794	16	99 787	7 947 701	79.64
3	0.00011	99 778	11	99 772	7 847 914	78.65
4	0.00009	99 767	9	99 762	7 748 142	77.66
5	0.00008	99 758	8	99 754	7 648 379	76.67
6	0.00008	99 750	8	99 746	7 548 625	75.68
7	0.00007	99 743	7	99 739	7 448 879	74.68
8	0.00007	99 735	7	99 732	7 349 140	73.69
9	0.00006	99 728	6	99 725	7 249 409	72.69
10	0.00006	99 722	6	99 719	7 149 683	71.70
11	0.00007	99 716	7	99 713	7 049 964	70.70
12	0.00008	99 709	8	99 705	6 950 251	69.71
13	0.00010	99 701	10	99 696	6 850 546	68.71
14	0.00013	99 690	13	99 684	6 750 850	67.72
15	0.00017	99 677	17	99 669	6 651 166	66.73
16	0.00021	99 660	21	99 650	6 551 497	65.74
17	0.00026	99 639	26	99 627	6 451 847	64.75
18	0.00032	99 613	32	99 598	6 352 220	63.77
19	0.00037	99 582	37	99 564	6 252 622	62.79
20	0.00042	99 545	42	99 524	6 153 059	61.81
21	0.00046	99 503	46	99 480	6 053 535	60.84
22	0.00049	99 457	49	99 432	5 954 055	59.87
23	0.00050	99 408	50	99 382	5 854 623	58.90
24	0.00050	99 357	50	99 332	5 755 240	57.92
25	0.00049	99 308	49	99 283	5 655 908	56.95
26	0.00049	99 259	49	99 234	5 556 625	55.98
27	0.00050	99 210	50	99 185	5 457 390	55.01
28	0.00051	99 160	51	99 135	5 358 205	54.04
29	0.00052	99 109	51	99 084	5 259 070	53.06
30	0.00052	99 058	52	99 032	5 159 987	52.09
31	0.00053	99 006	53	98 980	5 060 954	51.12
32	0.00057	98 953	56	98 926	4 961 975	50.14
33	0.00061	98 897	60	98 868	4 863 049	49.17
34	0.00065	98 837	64	98 806	4 764 181	48.20
35	0.00068	98 773	67	98 740	4 665 375	47.23
36	0.00071	98 706	70	98 671	4 566 635	46.26
37	0.00075	98 636	74	98 599	4 467 964	45.30
38	0.00080	98 561	79	98 522	4 369 365	44.33
39	0.00086	98 482	85	98 440	4 270 843	43.37
40	0.00092	98 397	91	98 352	4 172 403	42.40
41	0.00099	98 306	97	98 258	4 074 051	41.44
42	0.00106	98 209	104	98 158	3 975 792	40.48
43	0.00115	98 105	113	98 050	3 877 635	39.53
44	0.00127	97 992	125	97 931	3 779 585	38.57
45	0.00142	97 868	139	97 800	3 681 654	37.62
46	0.00159	97 729	155	97 653	3 583 854	36.67
47	0.00177	97 574	172	97 489	3 486 201	35.73
48	0.00196	97 402	191	97 308	3 388 712	34.79
49	0.00217	97 211	211	97 107	3 291 404	33.86

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	0.00242	97 000	235	96 884	3 194 297	32.93
51	0.00270	96 765	261	96 637	3 097 412	32.01
52	0.00299	96 504	289	96 362	3 000 776	31.09
53	0.00331	96 215	318	96 059	2 904 414	30.19
54	0.00365	95 897	350	95 725	2 808 355	29.29
55	0.00399	95 547	382	95 359	2 712 630	28.39
56	0.00436	95 166	415	94 961	2 617 271	27.50
57	0.00476	94 751	451	94 528	2 522 310	26.62
58	0.00520	94 300	490	94 058	2 427 782	25.75
59	0.00570	93 809	534	93 546	2 333 724	24.88
60	0.00627	93 275	585	92 987	2 240 178	24.02
61	0.00689	92 690	639	92 376	2 147 191	23.17
62	0.00758	92 051	698	91 708	2 054 815	22.32
63	0.00833	91 354	761	90 979	1 963 108	21.49
64	0.00915	90 593	829	90 184	1 872 129	20.67
65	0.01009	89 763	905	89 317	1 781 945	19.85
66	0.01114	88 858	990	88 370	1 692 628	19.05
67	0.01232	87 868	1 082	87 335	1 604 258	18.26
68	0.01363	86 785	1 183	86 203	1 516 923	17.48
69	0.01511	85 602	1 294	84 965	1 430 721	16.71
70	0.01682	84 309	1 418	83 610	1 345 756	15.96
71	0.01869	82 891	1 549	82 127	1 262 145	15.23
72	0.02053	81 341	1 670	80 516	1 180 018	14.51
73	0.02235	79 671	1 781	78 790	1 099 503	13.80
74	0.02435	77 891	1 897	76 952	1 020 713	13.10
75	0.02670	75 994	2 029	74 991	943 760	12.42
76	0.02951	73 965	2 183	72 887	868 769	11.75
77	0.03280	71 782	2 354	70 619	795 882	11.09
78	0.03652	69 427	2 535	68 175	725 263	10.45
79	0.04049	66 892	2 709	65 552	657 088	9.82
80	0.04502	64 183	2 889	62 754	591 536	9.22
81	0.05030	61 294	3 083	59 769	528 782	8.63
82	0.05644	58 211	3 285	56 585	469 013	8.06
83	0.06356	54 925	3 491	53 197	412 428	7.51
84	0.07163	51 434	3 684	49 608	359 231	6.98
85	0.08076	47 750	3 856	45 835	309 623	6.48
86	0.09102	43 894	3 995	41 907	263 788	6.01
87	0.10278	39 899	4 101	37 855	221 882	5.56
88	0.11584	35 798	4 147	33 725	184 026	5.14
89	0.12970	31 651	4 105	29 591	150 301	4.75
90	0.14399	27 546	3 966	25 550	120 710	4.38
91	0.16169	23 580	3 813	21 658	95 160	4.04
92	0.17973	19 767	3 553	17 966	73 503	3.72
93	0.19897	16 214	3 226	14 572	55 537	3.43
94	0.21947	12 988	2 850	11 530	40 965	3.15
95	0.24124	10 138	2 446	8 881	29 435	2.90
96	0.26431	7 692	2 033	6 641	20 555	2.67
97	0.28868	5 659	1 634	4 810	13 913	2.46
98	0.31437	4 025	1 265	3 364	9 103	2.26
99	0.34136	2 760	942	2 264	5 740	2.08
100	0.36960	1 818	672	1 462	3 476	1.91
101	0.39904	1 146	457	902	2 014	1.76
102	0.42961	689	296	529	1 112	1.62
103	0.46120	393	181	294	583	1.48
104	0.49370	212	104	154	289	1.36
105 -	1.00000	107	107	134	134	1.25

Table A. Abridged Life Tables for Japan, 2021

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	
0 (W)	0.00061	100 000	61	1 917	8 757 229	87.57
1	0.00006	99 939	6	1 917	8 755 312	87.61
2	0.00007	99 933	7	1 916	8 753 396	87.59
3	0.00005	99 926	5	1 916	8 751 479	87.58
4	0.00013	99 921	13	8 988	8 749 563	87.56
2 (M)	0.00014	99 909	14	8 325	8 740 575	87.49
3	0.00027	99 895	27	24 970	8 732 250	87.41
6	0.00028	99 867	28	49 926	8 707 280	87.19
0 (Y)	0.00160	100 000	160	99 875	8 757 229	87.57
1	0.00022	99 840	22	99 828	8 657 354	86.71
2	0.00015	99 818	15	99 811	8 557 526	85.73
3	0.00010	99 803	10	99 798	8 457 715	84.74
4	0.00007	99 793	7	99 790	8 357 917	83.75
5	0.00006	99 786	6	99 783	8 258 128	82.76
6	0.00006	99 780	6	99 777	8 158 345	81.76
7	0.00005	99 774	5	99 771	8 058 568	80.77
8	0.00005	99 768	5	99 766	7 958 797	79.77
9	0.00005	99 763	5	99 761	7 859 031	78.78
10	0.00005	99 758	5	99 756	7 759 270	77.78
11	0.00006	99 753	6	99 751	7 659 514	76.78
12	0.00007	99 748	7	99 744	7 559 764	75.79
13	0.00009	99 740	9	99 736	7 460 020	74.79
14	0.00011	99 731	11	99 726	7 360 284	73.80
15	0.00013	99 720	13	99 714	7 260 558	72.81
16	0.00015	99 707	15	99 700	7 160 844	71.82
17	0.00017	99 692	17	99 684	7 061 144	70.83
18	0.00018	99 675	18	99 666	6 961 460	69.84
19	0.00021	99 657	21	99 647	6 861 794	68.85
20	0.00024	99 636	24	99 625	6 762 147	67.87
21	0.00026	99 613	26	99 600	6 662 522	66.88
22	0.00027	99 587	27	99 574	6 562 922	65.90
23	0.00026	99 561	26	99 547	6 463 348	64.92
24	0.00025	99 535	25	99 522	6 363 801	63.94
25	0.00025	99 509	25	99 497	6 264 279	62.95
26	0.00026	99 484	26	99 472	6 164 782	61.97
27	0.00027	99 459	27	99 445	6 065 310	60.98
28	0.00028	99 431	28	99 417	5 965 865	60.00
29	0.00029	99 403	29	99 389	5 866 448	59.02
30	0.00030	99 374	29	99 360	5 767 059	58.03
31	0.00031	99 345	30	99 330	5 667 699	57.05
32	0.00033	99 315	32	99 298	5 568 369	56.07
33	0.00036	99 282	35	99 265	5 469 071	55.09
34	0.00038	99 247	37	99 228	5 369 806	54.11
35	0.00039	99 209	39	99 190	5 270 578	53.13
36	0.00040	99 171	40	99 151	5 171 388	52.15
37	0.00042	99 131	42	99 110	5 072 237	51.17
38	0.00046	99 089	46	99 066	4 973 127	50.19
39	0.00051	99 043	51	99 018	4 874 060	49.21
40	0.00056	98 992	56	98 965	4 775 042	48.24
41	0.00062	98 937	61	98 907	4 676 077	47.26
42	0.00068	98 876	67	98 843	4 577 170	46.29
43	0.00074	98 809	73	98 773	4 478 328	45.32
44	0.00080	98 736	79	98 697	4 379 554	44.36
45	0.00086	98 657	85	98 615	4 280 857	43.39
46	0.00094	98 572	93	98 526	4 182 242	42.43
47	0.00104	98 479	102	98 429	4 083 715	41.47
48	0.00115	98 377	113	98 321	3 985 286	40.51
49	0.00128	98 264	126	98 202	3 886 965	39.56

Female

age x	probability of dying ${}_nq_x$	number of survivors l_x	number of deaths ${}_nd_x$	stationary population		life expectancy ${}_xe_x$
				number of person-years ${}_nL_x$	total person-years T_x	
50	0.00142	98 138	139	98 069	3 788 763	38.61
51	0.00156	97 999	153	97 923	3 690 694	37.66
52	0.00170	97 845	166	97 763	3 592 771	36.72
53	0.00183	97 679	179	97 591	3 495 007	35.78
54	0.00196	97 500	191	97 406	3 397 416	34.85
55	0.00209	97 310	203	97 209	3 300 010	33.91
56	0.00221	97 107	215	97 000	3 202 801	32.98
57	0.00235	96 892	228	96 779	3 105 801	32.05
58	0.00249	96 664	241	96 544	3 009 023	31.13
59	0.00265	96 423	255	96 297	2 912 478	30.21
60	0.00284	96 167	273	96 032	2 816 182	29.28
61	0.00306	95 894	294	95 749	2 720 149	28.37
62	0.00332	95 600	318	95 444	2 624 400	27.45
63	0.00361	95 283	344	95 113	2 528 956	26.54
64	0.00390	94 939	371	94 756	2 433 843	25.64
65	0.00423	94 569	400	94 371	2 339 087	24.73
66	0.00463	94 168	436	93 953	2 244 716	23.84
67	0.00510	93 732	478	93 496	2 150 763	22.95
68	0.00562	93 254	524	92 996	2 057 266	22.06
69	0.00619	92 730	574	92 447	1 964 271	21.18
70	0.00682	92 156	628	91 847	1 871 824	20.31
71	0.00756	91 527	692	91 187	1 779 977	19.45
72	0.00840	90 836	763	90 460	1 688 790	18.59
73	0.00932	90 073	839	89 660	1 598 329	17.74
74	0.01036	89 234	924	88 779	1 508 669	16.91
75	0.01155	88 310	1 020	87 808	1 419 890	16.08
76	0.01292	87 290	1 128	86 736	1 332 082	15.26
77	0.01456	86 162	1 255	85 546	1 245 347	14.45
78	0.01648	84 907	1 399	84 221	1 159 801	13.66
79	0.01870	83 508	1 562	82 742	1 075 580	12.88
80	0.02139	81 947	1 752	81 087	992 838	12.12
81	0.02457	80 194	1 970	79 228	911 751	11.37
82	0.02831	78 224	2 215	77 138	832 523	10.64
83	0.03270	76 009	2 485	74 790	755 384	9.94
84	0.03771	73 524	2 772	72 163	680 594	9.26
85	0.04358	70 752	3 084	69 237	608 431	8.60
86	0.05049	67 668	3 416	65 988	539 195	7.97
87	0.05859	64 252	3 765	62 398	473 206	7.36
88	0.06784	60 487	4 104	58 463	410 808	6.79
89	0.07840	56 383	4 421	54 198	352 345	6.25
90	0.09006	51 963	4 680	49 642	298 148	5.74
91	0.10317	47 283	4 878	44 859	248 506	5.26
92	0.11887	42 405	5 040	39 896	203 647	4.80
93	0.13728	37 365	5 130	34 803	163 751	4.38
94	0.15803	32 235	5 094	29 678	128 948	4.00
95	0.18005	27 141	4 887	24 673	99 270	3.66
96	0.20232	22 254	4 503	19 965	74 597	3.35
97	0.22526	17 752	3 999	15 706	54 632	3.08
98	0.24882	13 753	3 422	11 992	38 926	2.83
99	0.27300	10 331	2 820	8 871	26 934	2.61
100	0.29777	7 510	2 236	6 345	18 063	2.41
101	0.32307	5 274	1 704	4 381	11 718	2.22
102	0.34888	3 570	1 246	2 913	7 337	2.06
103	0.37514	2 325	872	1 861	4 425	1.90
104	0.40180	1 453	584	1 140	2 564	1.76
105 -	1.00000	869	869	1 424	1 424	1.64