

Japanese Mortality Database, National Institute of Population and Social Security Research, Downloaded from mhlw.go.jp (21.06.2021).

Table A. Abridged Life Tables for Japan, 2019

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)	0.00073	100 000	73	1 917	8 141 167	81.41
1	0.00012	99 927	12	1 916	8 139 250	81.45
2	0.00006	99 915	6	1 916	8 137 334	81.44
3	0.00003	99 908	3	1 916	8 135 418	81.43
4	0.00022	99 905	22	8 986	8 133 502	81.41
2 (M)	0.00014	99 883	14	8 323	8 124 516	81.34
3	0.00033	99 869	33	24 963	8 116 193	81.27
6	0.00035	99 836	35	49 908	8 091 230	81.05
0 (Y)	0.00199	100 000	199	99 845	8 141 167	81.41
1	0.00027	99 801	27	99 787	8 041 322	80.57
2	0.00019	99 775	19	99 766	7 941 535	79.59
3	0.00014	99 756	14	99 748	7 841 769	78.61
4	0.00010	99 742	10	99 737	7 742 021	77.62
5	0.00008	99 732	8	99 728	7 642 284	76.63
6	0.00008	99 724	8	99 720	7 542 556	75.63
7	0.00008	99 716	8	99 712	7 442 836	74.64
8	0.00008	99 708	8	99 704	7 343 125	73.65
9	0.00008	99 700	7	99 697	7 243 420	72.65
10	0.00007	99 693	7	99 689	7 143 724	71.66
11	0.00008	99 685	8	99 682	7 044 035	70.66
12	0.00008	99 678	8	99 674	6 944 353	69.67
13	0.00010	99 669	10	99 665	6 844 679	68.67
14	0.00012	99 660	12	99 654	6 745 014	67.68
15	0.00015	99 648	15	99 641	6 645 360	66.69
16	0.00020	99 633	20	99 623	6 545 719	65.70
17	0.00026	99 612	26	99 600	6 446 096	64.71
18	0.00031	99 587	31	99 571	6 346 496	63.73
19	0.00037	99 555	37	99 537	6 246 925	62.75
20	0.00043	99 518	42	99 497	6 147 387	61.77
21	0.00047	99 476	47	99 453	6 047 890	60.80
22	0.00049	99 429	48	99 405	5 948 437	59.83
23	0.00048	99 381	47	99 357	5 849 032	58.85
24	0.00046	99 333	45	99 311	5 749 675	57.88
25	0.00043	99 288	43	99 266	5 650 365	56.91
26	0.00043	99 245	42	99 224	5 551 098	55.93
27	0.00045	99 203	44	99 181	5 451 875	54.96
28	0.00048	99 158	48	99 135	5 352 694	53.98
29	0.00052	99 111	52	99 085	5 253 559	53.01
30	0.00055	99 059	55	99 031	5 154 474	52.03
31	0.00057	99 004	56	98 976	5 055 443	51.06
32	0.00058	98 947	57	98 919	4 956 467	50.09
33	0.00060	98 890	59	98 861	4 857 548	49.12
34	0.00062	98 831	62	98 801	4 758 687	48.15
35	0.00066	98 769	65	98 737	4 659 887	47.18
36	0.00069	98 705	68	98 671	4 561 149	46.21
37	0.00075	98 636	74	98 600	4 462 479	45.24
38	0.00082	98 563	81	98 523	4 363 879	44.28
39	0.00089	98 482	87	98 439	4 265 356	43.31
40	0.00095	98 395	93	98 349	4 166 917	42.35
41	0.00101	98 301	100	98 252	4 068 568	41.39
42	0.00109	98 202	107	98 149	3 970 316	40.43
43	0.00118	98 095	116	98 038	3 872 167	39.47
44	0.00130	97 979	128	97 916	3 774 129	38.52
45	0.00145	97 851	142	97 782	3 676 213	37.57
46	0.00161	97 710	157	97 632	3 578 431	36.62
47	0.00180	97 552	175	97 466	3 480 799	35.68
48	0.00200	97 377	195	97 281	3 383 332	34.74
49	0.00221	97 182	215	97 076	3 286 051	33.81

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	0.00243	96 967	236	96 851	3 188 975	32.89
51	0.00269	96 731	261	96 603	3 092 124	31.97
52	0.00298	96 470	287	96 329	2 995 522	31.05
53	0.00327	96 183	315	96 028	2 899 192	30.14
54	0.00359	95 869	344	95 699	2 803 164	29.24
55	0.00395	95 524	377	95 338	2 707 465	28.34
56	0.00434	95 147	413	94 944	2 612 127	27.45
57	0.00478	94 734	453	94 511	2 517 183	26.57
58	0.00530	94 281	500	94 035	2 422 672	25.70
59	0.00585	93 782	549	93 511	2 328 636	24.83
60	0.00644	93 233	600	92 937	2 235 125	23.97
61	0.00709	92 633	657	92 309	2 142 187	23.13
62	0.00777	91 976	715	91 624	2 049 878	22.29
63	0.00852	91 262	778	90 878	1 958 254	21.46
64	0.00936	90 484	847	90 066	1 867 376	20.64
65	0.01030	89 637	924	89 182	1 777 310	19.83
66	0.01138	88 713	1 010	88 216	1 688 128	19.03
67	0.01259	87 703	1 104	87 159	1 599 913	18.24
68	0.01395	86 599	1 208	86 003	1 512 754	17.47
69	0.01546	85 390	1 320	84 740	1 426 750	16.71
70	0.01694	84 071	1 424	83 367	1 342 011	15.96
71	0.01844	82 647	1 524	81 893	1 258 644	15.23
72	0.02010	81 123	1 631	80 317	1 176 750	14.51
73	0.02204	79 492	1 752	78 627	1 096 434	13.79
74	0.02432	77 740	1 890	76 807	1 017 807	13.09
75	0.02684	75 850	2 036	74 844	941 000	12.41
76	0.02953	73 814	2 180	72 735	866 156	11.73
77	0.03229	71 634	2 313	70 489	793 421	11.08
78	0.03562	69 321	2 469	68 101	722 932	10.43
79	0.03984	66 852	2 663	65 538	654 831	9.80
80	0.04493	64 189	2 884	62 766	589 293	9.18
81	0.05072	61 305	3 109	59 769	526 527	8.59
82	0.05711	58 196	3 323	56 552	466 758	8.02
83	0.06419	54 872	3 522	53 127	410 207	7.48
84	0.07230	51 350	3 713	49 510	357 079	6.95
85	0.08179	47 638	3 896	45 704	307 570	6.46
86	0.09269	43 741	4 054	41 726	261 865	5.99
87	0.10497	39 687	4 166	37 611	220 140	5.55
88	0.11835	35 521	4 204	33 419	182 529	5.14
89	0.13221	31 317	4 141	29 237	149 110	4.76
90	0.14537	27 177	3 951	25 183	119 873	4.41
91	0.16073	23 226	3 733	21 340	94 690	4.08
92	0.17747	19 493	3 459	17 738	73 350	3.76
93	0.19568	16 033	3 137	14 436	55 612	3.47
94	0.21544	12 896	2 778	11 476	41 176	3.19
95	0.23682	10 118	2 396	8 887	29 700	2.94
96	0.25989	7 722	2 007	6 686	20 813	2.70
97	0.28471	5 715	1 627	4 871	14 127	2.47
98	0.31130	4 088	1 273	3 423	9 256	2.26
99	0.33969	2 815	956	2 313	5 833	2.07
100	0.36985	1 859	688	1 495	3 520	1.89
101	0.40176	1 171	471	920	2 025	1.73
102	0.43531	701	305	536	1 105	1.58
103	0.47038	396	186	294	569	1.44
104	0.50680	210	106	151	274	1.31
105 -	1.00000	103	103	123	123	1.19

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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	8 744 564	87.45
1	0.00006	99 940	6	1 917	8 742 647	87.48
2	0.00008	99 934	8	1 916	8 740 730	87.47
3	0.00005	99 926	5	1 916	8 738 813	87.45
4	0.00020	99 921	20	8 987	8 736 897	87.44
2 (M)	0.00014	99 901	14	8 324	8 727 910	87.37
3	0.00030	99 887	30	24 968	8 719 585	87.29
6	0.00035	99 857	35	49 919	8 694 618	87.07
0 (Y)	0.00178	100 000	178	99 865	8 744 564	87.45
1	0.00028	99 822	28	99 806	8 644 699	86.60
2	0.00020	99 794	20	99 784	8 544 893	85.63
3	0.00014	99 774	14	99 767	8 445 108	84.64
4	0.00010	99 760	10	99 755	8 345 342	83.65
5	0.00009	99 750	9	99 746	8 245 586	82.66
6	0.00008	99 741	8	99 737	8 145 841	81.67
7	0.00007	99 734	6	99 730	8 046 103	80.68
8	0.00006	99 727	6	99 724	7 946 373	79.68
9	0.00005	99 722	5	99 719	7 846 649	78.69
10	0.00005	99 716	5	99 714	7 746 930	77.69
11	0.00006	99 711	6	99 708	7 647 216	76.69
12	0.00007	99 705	7	99 701	7 547 508	75.70
13	0.00008	99 698	8	99 694	7 447 807	74.70
14	0.00010	99 689	10	99 684	7 348 113	73.71
15	0.00011	99 679	11	99 674	7 248 429	72.72
16	0.00013	99 668	13	99 662	7 148 755	71.73
17	0.00014	99 656	14	99 649	7 049 093	70.73
18	0.00016	99 641	16	99 633	6 949 445	69.74
19	0.00018	99 625	18	99 617	6 849 811	68.76
20	0.00020	99 608	20	99 598	6 750 194	67.77
21	0.00021	99 588	21	99 578	6 650 596	66.78
22	0.00022	99 567	22	99 556	6 551 019	65.80
23	0.00022	99 545	21	99 534	6 451 463	64.81
24	0.00022	99 524	21	99 513	6 351 928	63.82
25	0.00022	99 502	22	99 491	6 252 415	62.84
26	0.00023	99 480	23	99 469	6 152 924	61.85
27	0.00024	99 457	24	99 445	6 053 455	60.86
28	0.00025	99 433	24	99 421	5 954 010	59.88
29	0.00025	99 409	25	99 396	5 854 589	58.89
30	0.00027	99 384	27	99 371	5 755 192	57.91
31	0.00029	99 357	29	99 343	5 655 822	56.92
32	0.00031	99 328	31	99 313	5 556 479	55.94
33	0.00034	99 297	34	99 280	5 457 166	54.96
34	0.00037	99 263	37	99 245	5 357 886	53.98
35	0.00040	99 226	40	99 206	5 258 641	53.00
36	0.00042	99 186	42	99 165	5 159 434	52.02
37	0.00044	99 144	44	99 123	5 060 269	51.04
38	0.00047	99 100	46	99 078	4 961 146	50.06
39	0.00051	99 054	51	99 029	4 862 069	49.08
40	0.00057	99 003	56	98 976	4 763 040	48.11
41	0.00062	98 947	61	98 917	4 664 064	47.14
42	0.00068	98 886	67	98 853	4 565 146	46.17
43	0.00074	98 819	73	98 783	4 466 293	45.20
44	0.00081	98 746	80	98 707	4 367 510	44.23
45	0.00089	98 666	88	98 623	4 268 803	43.26
46	0.00099	98 578	98	98 530	4 170 180	42.30
47	0.00110	98 481	108	98 427	4 071 650	41.34
48	0.00121	98 373	119	98 314	3 973 222	40.39
49	0.00133	98 253	130	98 189	3 874 908	39.44

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	
50	0.00144	98 123	141	98 053	3 776 719	38.49
51	0.00155	97 982	152	97 907	3 678 666	37.54
52	0.00167	97 830	163	97 749	3 580 759	36.60
53	0.00178	97 666	174	97 580	3 483 010	35.66
54	0.00189	97 492	184	97 401	3 385 430	34.73
55	0.00202	97 308	197	97 211	3 288 029	33.79
56	0.00219	97 111	213	97 006	3 190 818	32.86
57	0.00240	96 899	232	96 784	3 093 812	31.93
58	0.00261	96 666	252	96 542	2 997 028	31.00
59	0.00280	96 414	270	96 281	2 900 486	30.08
60	0.00298	96 145	286	96 003	2 804 205	29.17
61	0.00317	95 859	303	95 708	2 708 202	28.25
62	0.00339	95 555	323	95 395	2 612 494	27.34
63	0.00365	95 232	347	95 060	2 517 098	26.43
64	0.00395	94 884	375	94 699	2 422 038	25.53
65	0.00430	94 509	407	94 308	2 327 339	24.63
66	0.00472	94 102	444	93 883	2 233 031	23.73
67	0.00519	93 658	486	93 418	2 139 147	22.84
68	0.00570	93 172	531	92 910	2 045 729	21.96
69	0.00629	92 640	583	92 353	1 952 819	21.08
70	0.00694	92 057	639	91 743	1 860 466	20.21
71	0.00760	91 419	695	91 076	1 768 724	19.35
72	0.00835	90 724	758	90 350	1 677 648	18.49
73	0.00923	89 966	830	89 557	1 587 297	17.64
74	0.01026	89 136	915	88 686	1 497 740	16.80
75	0.01150	88 221	1 015	87 722	1 409 054	15.97
76	0.01296	87 206	1 130	86 651	1 321 332	15.15
77	0.01459	86 076	1 256	85 459	1 234 681	14.34
78	0.01655	84 820	1 404	84 132	1 149 221	13.55
79	0.01894	83 416	1 580	82 642	1 065 090	12.77
80	0.02179	81 836	1 783	80 963	982 448	12.01
81	0.02517	80 053	2 015	79 066	901 485	11.26
82	0.02909	78 038	2 270	76 925	822 419	10.54
83	0.03363	75 768	2 548	74 518	745 493	9.84
84	0.03883	73 220	2 843	71 824	670 975	9.16
85	0.04499	70 377	3 166	68 822	599 151	8.51
86	0.05216	67 211	3 506	65 487	530 330	7.89
87	0.06060	63 705	3 860	61 804	464 843	7.30
88	0.07033	59 845	4 209	57 768	403 039	6.73
89	0.08111	55 635	4 512	53 402	345 271	6.21
90	0.09278	51 123	4 743	48 767	291 869	5.71
91	0.10567	46 380	4 901	43 939	243 102	5.24
92	0.12016	41 479	4 984	38 990	199 163	4.80
93	0.13589	36 495	4 959	34 009	160 173	4.39
94	0.15355	31 535	4 842	29 103	126 164	4.00
95	0.17739	26 693	4 735	24 311	97 061	3.64
96	0.20029	21 958	4 398	19 724	72 750	3.31
97	0.22461	17 560	3 944	15 546	53 025	3.02
98	0.25038	13 616	3 409	11 864	37 479	2.75
99	0.27760	10 207	2 833	8 741	25 615	2.51
100	0.30624	7 373	2 258	6 197	16 873	2.29
101	0.33629	5 115	1 720	4 213	10 676	2.09
102	0.36768	3 395	1 248	2 735	6 463	1.90
103	0.40032	2 147	859	1 688	3 728	1.74
104	0.43411	1 287	559	986	2 040	1.58
105 -	1.00000	729	729	1 053	1 053	1.45