Statistics New Zealand: New Zealand abridged period Life Table, 2015-2017. Downloaded from: www.stats.govt.nz/ (22.08.2019).

New Zealand abridged period life table: 2015–17 (final)

Using resident deaths for 2015–17 and estimated resident population (2013-base) at 30 June 2016

Exact age (years)	Out of 100,000 people born									Probability that a person who reaches this age						Central death rate for the age interval (m_x)			Proportion of age group x to x+5 surviving another 5 years (s_x)			Expected number of years of life remaining at age x (e_x)		
	Number alive at exact age (l_x)			Average number alive in the age interval (L_x)			Number dying in the age interval (d_x)			Lives for the age interval (p_x)			Dies within the age interval (q_x)											
	Estimated credible interval (percentile[2])																							
	2.5th	50th (median)	97.5th	2.5th	50th (median)	97.5th	2.5th	50th (median)	97.5th	2.5th	50th (median)	97.5th	2.5th	50th (median)	97.5th	2.5th	50th (median)	97.5th	2.5th	50th (median)	97.5th	2.5th	50th (median)	97.5th
Male																								
0	100,000	100,000	100,000	99,584	99,622	99,658	362	400	441	0.99559	0.99600	0.99638	0.00362	0.00400	0.00441	0.00364	0.00401	0.00443	…	…	…	79.93	80.04	80.14
1	99,559	99,600	99,638	398,021	398,187	398,338	74	91	109	0.99891	0.99909	0.99925	0.00075	0.00091	0.00109	0.00019	0.00023	0.00027	…	…	…	79.25	79.36	79.47
5	99,466	99,509	99,550	497,183	497,406	497,609	45	56	70	0.99929	0.99943	0.99955	0.00045	0.00057	0.00071	0.00009	0.00011	0.00014	0.99828	0.99841	0.99854	75.33	75.43	75.53
10	99,407	99,453	99,495	496,848	497,085	497,306	56	71	89	0.99910	0.99928	0.99943	0.00057	0.00072	0.00090	0.00011	0.00014	0.00018	0.99924	0.99936	0.99945	70.37	70.47	70.58
15	99,331	99,381	99,428	495,986	496,245	496,489	235	265	295	0.99703	0.99734	0.99763	0.00237	0.00266	0.00297	0.00047	0.00053	0.00059	0.99813	0.99831	0.99848	65.42	65.52	65.62
20	99,058	99,117	99,171	494,384	494,678	494,963	326	360	397	0.99600	0.99636	0.99671	0.00329	0.00364	0.00400	0.00066	0.00073	0.00080	0.99661	0.99685	0.99708	60.59	60.69	60.79
25	98,688	98,755	98,819	492,426	492,783	493,114	359	397	435	0.99560	0.99598	0.99636	0.00364	0.00402	0.00440	0.00073	0.00081	0.00088	0.99590	0.99617	0.99643	55.80	55.90	56.00
30	98,280	98,358	98,432	490,325	490,721	491,105	387	427	471	0.99521	0.99565	0.99607	0.00393	0.00435	0.00479	0.00079	0.00087	0.00096	0.99553	0.99582	0.99608	51.02	51.12	51.21
35	97,841	97,930	98,016	487,896	488,357	488,800	471	517	568	0.99421	0.99472	0.99519	0.00481	0.00528	0.00579	0.00096	0.00106	0.00116	0.99485	0.99518	0.99551	46.24	46.33	46.42
40	97,311	97,413	97,511	484,643	485,171	485,667	701	757	814	0.99165	0.99223	0.99280	0.00720	0.00777	0.00835	0.00144	0.00156	0.00168	0.99308	0.99348	0.99385	41.47	41.56	41.65
45	96,542	96,656	96,765	479,891	480,482	481,051	1,054	1,118	1,181	0.98778	0.98844	0.98909	0.01091	0.01156	0.01222	0.00219	0.00233	0.00246	0.98991	0.99034	0.99076	36.78	36.87	36.96
50	95,408	95,538	95,661	472,819	473,476	474,147	1,603	1,683	1,764	0.98153	0.98239	0.98322	0.01678	0.01761	0.01847	0.00338	0.00355	0.00373	0.98490	0.98542	0.98595	32.18	32.27	32.36
55	93,709	93,853	94,002	462,269	463,023	463,805	2,401	2,497	2,601	0.97229	0.97339	0.97441	0.02559	0.02661	0.02771	0.00518	0.00539	0.00562	0.97724	0.97793	0.97856	27.72	27.80	27.89
60	91,182	91,357	91,529	446,580	447,518	448,440	3,583	3,703	3,833	0.95803	0.95946	0.96079	0.03921	0.04054	0.04197	0.00800	0.00828	0.00857	0.96561	0.96651	0.96738	23.41	23.50	23.58
65	87,436	87,650	87,863	423,862	424,975	426,092	5,160	5,307	5,457	0.93774	0.93946	0.94113	0.05887	0.06054	0.06226	0.01213	0.01249	0.01285	0.94854	0.94963	0.95074	19.31	19.38	19.47
70	82,089	82,341	82,594	389,804	391,089	392,406	8,026	8,242	8,462	0.89725	0.89989	0.90253	0.09747	0.10011	0.10275	0.02049	0.02108	0.02166	0.91871	0.92027	0.92188	15.39	15.47	15.55
75	73,783	74,098	74,409	338,505	340,139	341,736	11,875	12,133	12,413	0.83250	0.83620	0.83969	0.16031	0.16380	0.16750	0.03486	0.03568	0.03656	0.86744	0.86976	0.87186	11.84	11.92	11.99
80	61,573	61,963	62,338	264,173	266,149	267,954	17,113	17,468	17,827	0.71245	0.71801	0.72360	0.27640	0.28199	0.28755	0.06415	0.06566	0.06717	0.77913	0.78237	0.78548	8.69	8.76	8.84
85	44,042	44,494	44,922	169,651	171,589	173,380	19,973	20,353	20,765	0.53458	0.54249	0.55023	0.44977	0.45751	0.46542	0.11605	0.11864	0.12131	0.64037	0.64469	0.64898	6.14	6.22	6.30
90	23,711	24,136	24,551	102,002	105,151	108,461	23,711	24,136	24,551	0.00000	0.00000	0.00000	1.00000	1.00000	1.00000	0.22377	0.22961	0.23538	0.37378	0.37995	0.38647	4.25	4.36	4.47
Female																								
0	100,000	100,000	100,000	99,612	99,650	99,686	335	374	415	0.99585	0.99626	0.99665	0.00335	0.00374	0.00415	0.00336	0.00375	0.00416	…	…	…	83.34	83.44	83.54
1	99,585	99,626	99,665	398,184	398,355	398,518	47	60	75	0.99925	0.99940	0.99953	0.00047	0.00060	0.00075	0.00012	0.00015	0.00019	…	…	…	82.66	82.76	82.85
5	99,521	99,566	99,608	497,494	497,722	497,932	34	43	56	0.99944	0.99957	0.99966	0.00034	0.00043	0.00056	0.00007	0.00009	0.00011	0.99859	0.99871	0.99883	78.71	78.81	78.90
10	99,476	99,523	99,566	497,265	497,499	497,721	34	45	57	0.99942	0.99955	0.99966	0.00034	0.00045	0.00058	0.00007	0.00009	0.00012	0.99947	0.99955	0.99963	73.74	73.84	73.94
15	99,430	99,477	99,522	496,767	497,007	497,248	129	151	176	0.99823	0.99848	0.99871	0.00129	0.00152	0.00177	0.00026	0.00030	0.00035	0.99888	0.99901	0.99914	68.78	68.87	68.97
20	99,275	99,326	99,379	495,913	496,180	496,453	155	179	206	0.99792	0.99819	0.99844	0.00156	0.00181	0.00208	0.00031	0.00036	0.00042	0.99815	0.99834	0.99851	63.88	63.97	64.07
25	99,088	99,146	99,207	494,982	495,280	495,592	157	180	207	0.99791	0.99818	0.99842	0.00158	0.00182	0.00209	0.00032	0.00036	0.00042	0.99800	0.99819	0.99837	58.99	59.08	59.18
30	98,903	98,966	99,031	493,894	494,228	494,560	212	241	273	0.99724	0.99756	0.99786	0.00214	0.00244	0.00276	0.00043	0.00049	0.00055	0.99767	0.99787	0.99807	54.10	54.19	54.28
35	98,653	98,725	98,796	492,448	492,816	493,173	286	323	360	0.99636	0.99673	0.99710	0.00290	0.00327	0.00364	0.00058	0.00065	0.00073	0.99690	0.99715	0.99738	49.22	49.31	49.41
40	98,323	98,401	98,481	490,461	490,870	491,285	416	455	497	0.99495	0.99538	0.99577	0.00423	0.00462	0.00505	0.00085	0.00093	0.00101	0.99577	0.99605	0.99632	44.38	44.47	44.56
45	97,856	97,947	98,035	487,303	487,774	488,225	732	783	834	0.99149	0.99200	0.99252	0.00748	0.00800	0.00851	0.00150	0.00161	0.00171	0.99337	0.99369	0.99403	39.57	39.66	39.75
50	97,060	97,163	97,264	482,241	482,788	483,306	1,145	1,212	1,283	0.98680	0.98752	0.98822	0.01178	0.01248	0.01320	0.00237	0.00251	0.00266	0.98932	0.98977	0.99021	34.88	34.96	35.05
55	95,829	95,951	96,069	474,736	475,396	476,016	1,658	1,743	1,828	0.98095	0.98184	0.98272	0.01728	0.01816	0.01905	0.00349	0.00367	0.00385	0.98414	0.98470	0.98523	30.29	30.37	30.46
60	94,060	94,206	94,349	464,048	464,822	465,581	2,383	2,484	2,592	0.97251	0.97364	0.97471	0.02529	0.02636	0.02749	0.00512	0.00534	0.00558	0.97707	0.97777	0.97846	25.81	25.89	25.97
65	91,542	91,720	91,897	448,139	449,074	449,972	3,687	3,815	3,951	0.95693	0.95841	0.95980	0.04020	0.04159	0.04307	0.00820	0.00850	0.00880	0.96521	0.96612	0.96698	21.44	21.52	21.60
70	87,689	87,908	88,118	423,091	424,220	425,333	5,928	6,126	6,313	0.92819	0.93030	0.93257	0.06743	0.06970	0.07181	0.01396	0.01444	0.01490	0.94336	0.94466	0.94596	17.27	17.35	17.42
75	81,509	81,782	82,055	383,157	384,583	386,038	9,483	9,726	9,980	0.87804	0.88109	0.88396	0.11604	0.11891	0.12196	0.02464	0.02529	0.02598	0.90478	0.90659	0.90848	13.38	13.46	13.53
80	71,699	72,056	72,409	318,920	320,705	322,525	15,481	15,823	16,186	0.77549	0.78037	0.78508	0.21492	0.21963	0.22451	0.04816	0.04934	0.05058	0.83117	0.83393	0.83658	9.87	9.94	10.01
85	55,799	56,222	56,670	225,976	227,967	229,930	20,876	21,261	21,661	0.61551	0.62188	0.62829	0.37171	0.37812	0.38449	0.09131	0.09325	0.09520	0.70717	0.71087	0.71446	6.96	7.03	7.10
90	34,522	34,963	35,409	163,739	167,439	171,254	34,522	34,963	35,409	0.00000	0.00000	0.00000	1.00000	1.00000	1.00000	0.20493	0.20889	0.21238	0.41880	0.42340	0.42818	4.71	4.79	4.88

Note: For figures in columns Lx, dx, px, qx, mx and sx the age interval relates to a 5-year period except for: age 0 which relates to a 1-year period, age 1 which relates to a 4-year period, and age 90 which relates to remaining lifespan.

The 2.5th to 97.5th percentiles represent a 95% credible interval. We can say there is a 95% chance that the true value lies between these two values.

Symbol: … not applicable

Source: Stats NZ

Next release: New Zealand abridged period life table: 2016–18 (provisional) will be released in February 2019.

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