Statistics New Zealand: New Zealand abridged period Life Table, 2017-2019. Downloaded from: www.stats.govt.nz/(06.03.2020).

New Zealand abridged period life table: 2017–19

Using resident deaths for 2017–19 and estimated resident population (2013-base) at 30 June 2018[1]

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	99,568	99,607	99,644	377	416	458	0.99542	0.99584	0.99623	0.00377	0.00416	0.00458	0.00378	0.00418	0.00460	0.99823	0.99837	0.99851	79.88	79.99	80.10
1	99,542	99,584	99,623	397,932	398,108	398,274	78	96	115	0.99884	0.99904	0.99922	0.00078	0.00096	0.00116	0.00020	0.00024	0.00029	...	...	...	79.22	79.32	79.43
5	99,441	99,487	99,532	497,070	497,306	497,538	41	52	66	0.99934	0.99947	0.99959	0.00041	0.00053	0.00066	0.00008	0.00011	0.00013	0.99922	0.99934	0.99944	75.29	75.40	75.50
10	99,387	99,435	99,482	496,729	496,974	497,218	64	80	96	0.99904	0.99920	0.99936	0.00064	0.00080	0.00096	0.00013	0.00016	0.00019	0.99805	0.99823	0.99840	70.33	70.43	70.54
15	99,304	99,354	99,406	495,836	496,096	496,360	241	271	303	0.99695	0.99727	0.99757	0.00243	0.00273	0.00305	0.00049	0.00055	0.00061	0.99632	0.99659	0.99684	65.38	65.49	65.59
20	99,026	99,084	99,141	494,100	494,404	494,702	370	406	446	0.99550	0.99590	0.99626	0.00374	0.00410	0.00450	0.00075	0.00082	0.00090	0.99556	0.99585	0.99614	60.56	60.66	60.76
25	98,607	98,678	98,745	491,981	492,356	492,706	376	414	454	0.99540	0.99581	0.99619	0.00381	0.00419	0.00460	0.00076	0.00084	0.00092	0.99514	0.99543	0.99573	55.80	55.90	56.00
30	98,182	98,264	98,343	489,690	490,103	490,510	443	485	528	0.99463	0.99506	0.99550	0.00450	0.00494	0.00537	0.00090	0.00099	0.00108	0.99439	0.99472	0.99504	51.03	51.13	51.22
35	97,688	97,778	97,866	487,041	487,516	487,971	504	550	596	0.99391	0.99438	0.99485	0.00515	0.00562	0.00609	0.00103	0.00113	0.00122	0.99286	0.99325	0.99363	46.27	46.37	46.46
40	97,124	97,228	97,332	483,685	484,223	484,765	713	767	824	0.99152	0.99211	0.99267	0.00733	0.00789	0.00848	0.00147	0.00158	0.00170	0.98981	0.99026	0.99070	41.52	41.62	41.71
45	96,344	96,461	96,579	478,907	479,510	480,107	1,056	1,119	1,183	0.98773	0.98840	0.98906	0.01094	0.01160	0.01227	0.00220	0.00233	0.00247	0.98433	0.98489	0.98542	36.84	36.93	37.02
50	95,205	95,343	95,476	471,557	472,264	472,950	1,698	1,779	1,864	0.98045	0.98134	0.98218	0.01782	0.01866	0.01955	0.00360	0.00377	0.00395	0.97623	0.97692	0.97763	32.24	32.33	32.42
55	93,404	93,562	93,716	460,555	461,357	462,134	2,478	2,578	2,681	0.97135	0.97244	0.97351	0.02649	0.02756	0.02865	0.00537	0.00559	0.00581	0.96508	0.96599	0.96682	27.81	27.90	27.99
60	90,801	90,982	91,157	444,684	445,673	446,564	3,576	3,699	3,822	0.95798	0.95935	0.96068	0.03932	0.04065	0.04202	0.00802	0.00830	0.00858	0.94847	0.94962	0.95072	23.54	23.62	23.70
65	87,063	87,288	87,488	422,093	423,229	424,310	5,128	5,283	5,438	0.93769	0.93948	0.94124	0.05876	0.06052	0.06231	0.01211	0.01248	0.01286	0.92131	0.92277	0.92424	19.44	19.51	19.59
70	81,744	82,004	82,253	389,220	390,531	391,822	7,590	7,791	7,975	0.90276	0.90499	0.90743	0.09257	0.09501	0.09724	0.01941	0.01995	0.02044	0.87042	0.87250	0.87458	15.53	15.61	15.68
75	73,913	74,211	74,518	339,171	340,722	342,321	11,876	12,127	12,390	0.83305	0.83658	0.84004	0.15996	0.16342	0.16695	0.03477	0.03559	0.03643	0.78156	0.78472	0.78777	11.91	11.99	12.06
80	61,705	62,079	62,459	265,520	267,371	269,220	16,873	17,216	17,555	0.71737	0.72273	0.72788	0.27212	0.27727	0.28263	0.06299	0.06438	0.06583	0.64148	0.64560	0.64969	8.77	8.84	8.91
85	44,430	44,867	45,296	170,683	172,616	174,472	20,292	20,687	21,072	0.53135	0.53880	0.54641	0.45359	0.46120	0.46865	0.11733	0.11989	0.12241	0.38055	0.38658	0.39243	6.20	6.27	6.35
90	23,767	24,183	24,581	105,702	108,779	111,929	23,767	24,183	24,581	0.00000	0.00000	0.00000	1.00000	1.00000	1.00000	0.21728	0.22224	0.22772	...	...	...	4.39	4.50	4.60
Female																								
0	100,000	100,000	100,000	99,604	99,643	99,678	344	381	423	0.99577	0.99619	0.99656	0.00344	0.00381	0.00423	0.00345	0.00383	0.00425	0.99853	0.99866	0.99878	83.44	83.54	83.64
1	99,577	99,619	99,656	398,109	398,285	398,438	62	77	94	0.99905	0.99923	0.99938	0.00062	0.00077	0.00095	0.00016	0.00019	0.00024	...	...	...	82.76	82.86	82.95
5	99,496	99,542	99,583	497,373	497,606	497,813	31	41	53	0.99947	0.99958	0.99969	0.00031	0.00042	0.00053	0.00006	0.00008	0.00011	0.99937	0.99947	0.99955	78.83	78.92	79.01
10	99,453	99,501	99,544	497,099	497,341	497,566	52	64	82	0.99918	0.99935	0.99948	0.00052	0.00065	0.00082	0.00010	0.00013	0.00016	0.99877	0.99891	0.99904	73.86	73.95	74.04
15	99,385	99,436	99,482	496,541	496,799	497,035	129	151	176	0.99823	0.99848	0.99871	0.00129	0.00152	0.00177	0.00026	0.00030	0.00035	0.99809	0.99828	0.99846	68.90	69.00	69.09
20	99,228	99,284	99,334	495,661	495,943	496,204	165	191	219	0.99780	0.99808	0.99834	0.00166	0.00192	0.00220	0.00033	0.00038	0.00044	0.99789	0.99808	0.99827	64.01	64.10	64.19
25	99,033	99,093	99,150	494,688	494,986	495,279	167	191	218	0.99780	0.99808	0.99832	0.00168	0.00192	0.00220	0.00034	0.00039	0.00044	0.99756	0.99777	0.99796	59.13	59.22	59.31
30	98,836	98,902	98,965	493,544	493,880	494,208	222	251	282	0.99715	0.99746	0.99775	0.00225	0.00254	0.00285	0.00045	0.00051	0.00057	0.99686	0.99709	0.99732	54.24	54.33	54.42
35	98,578	98,650	98,722	492,068	492,442	492,815	289	323	359	0.99636	0.99672	0.99707	0.00293	0.00328	0.00364	0.00059	0.00066	0.00073	0.99578	0.99605	0.99633	49.37	49.46	49.55
40	98,248	98,327	98,409	490,086	490,498	490,915	414	455	496	0.99495	0.99537	0.99579	0.00421	0.00463	0.00505	0.00084	0.00093	0.00101	0.99347	0.99381	0.99414	44.53	44.61	44.70
45	97,782	97,872	97,966	486,989	487,462	487,950	709	759	811	0.99171	0.99224	0.99275	0.00725	0.00776	0.00829	0.00145	0.00156	0.00166	0.98951	0.98995	0.99037	39.73	39.81	39.89
50	97,009	97,113	97,219	482,023	482,563	483,113	1,134	1,201	1,266	0.98695	0.98763	0.98832	0.01168	0.01237	0.01305	0.00235	0.00249	0.00263	0.98436	0.98489	0.98540	35.02	35.10	35.18
55	95,787	95,912	96,033	474,622	475,271	475,916	1,637	1,714	1,796	0.98127	0.98213	0.98293	0.01707	0.01787	0.01873	0.00344	0.00361	0.00378	0.97708	0.97776	0.97844	30.43	30.51	30.59
60	94,049	94,196	94,343	463,948	464,694	465,476	2,413	2,513	2,614	0.97226	0.97332	0.97439	0.02561	0.02668	0.02774	0.00519	0.00541	0.00563	0.96508	0.96600	0.96688	25.94	26.02	26.10
65	91,509	91,683	91,861	447,980	448,902	449,812	3,677	3,807	3,940	0.95703	0.95848	0.95990	0.04010	0.04152	0.04297	0.00818	0.00848	0.00878	0.94504	0.94620	0.94738	21.59	21.66	21.74
70	87,661	87,875	88,083	423,633	424,760	425,867	5,679	5,850	6,025	0.93147	0.93344	0.93536	0.06464	0.06656	0.06853	0.01336	0.01377	0.01419	0.90783	0.90953	0.91126	17.42	17.49	17.57
75	81,767	82,025	82,291	384,931	386,327	387,683	9,275	9,522	9,768	0.88096	0.88393	0.88688	0.11312	0.11607	0.11904	0.02398	0.02464	0.02531	0.83694	0.83948	0.84202	13.49	13.56	13.63
80	72,165	72,504	72,833	322,641	324,304	326,024	14,951	15,282	15,606	0.78482	0.78923	0.79363	0.20637	0.21077	0.21518	0.04602	0.04712	0.04822	0.71125	0.71472	0.71827	9.95	10.02	10.08
85	56,816	57,218	57,638	229,945	231,784	233,675	21,333	21,730	22,131	0.61397	0.62024	0.62668	0.37332	0.37976	0.38603	0.09180	0.09376	0.09567	0.41879	0.42328	0.42772	6.96	7.02	7.09
90	35,066	35,493	35,931	166,579	170,139	173,787	35,066	35,493	35,931	0.00000	0.00000	0.00000	1.00000	1.00000	1.00000	0.20511	0.20865	0.21227	...	...	...	4.71	4.79	4.88

1. The estimated population as at 30 June 2018 as published on 19 February 2019

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

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