

New Zealand, Population Census, 1951, Appendix B, Live Tables, 1950-52 and
Values of Annuities, Compiled in the Census and Statistics Department, Wellington,
N. Z., 1954, p. 18-19.

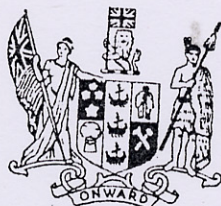
NEW ZEALAND

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POPULATION CENSUS, 1951

APPENDIX B: LIFE TABLES, 1950-52 AND VALUES OF ANNUITIES



Compiled in the Census and Statistics Department, Wellington, N.Z.

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L I F E T A B L E S

TABLE 2A: NEW ZEALAND, 1950-52 - VALUES OF l_x , d_x , p_x , q_x and e^o_x

MAORI MALES

Age (x)	Out of 100,000 Boys Born		Probability that a Person who Reaches This Age		Expectation of Life at This Age (e^o_x)	Age (x)	Out of 100,000 Boys Born		Probability that a Person who Reaches This Age		Expectation of Life at This Age (e^o_x)
	Number who Live to This Age (l_x)	Number who Die during This Year of Age (d_x)	Lives a Further Year (p_x)	Dies Within a Year (q_x)			Number who Live to This Age (l_x)	Number who Die during This Year of Age (d_x)	Lives a Further Year (p_x)	Dies Within a Year (q_x)	
0	100,000	7,976	.92024	.07976	54.05	55	61,116	1,560	.97447	.02553	15.67
1	92,024	1,609	.98252	.01748	57.69	56	59,556	1,622	.97277	.02723	15.07
2	90,415	498	.99449	.00551	57.71	57	57,934	1,699	.97068	.02932	14.47
3	89,917	358	.99602	.00398	57.02	58	56,235	1,800	.96799	.03201	13.90
4	89,559	271	.99697	.00303	56.25	59	54,435	1,917	.96478	.03522	13.34
5	89,288	218	.99756	.00244	55.42	60	52,518	2,031	.96132	.03868	12.81
6	89,070	191	.99786	.00214	54.55	61	50,487	2,127	.95788	.04212	12.30
7	88,879	180	.99797	.00203	53.67	62	48,360	2,188	.95476	.04524	11.82
8	88,699	182	.99795	.00205	52.78	63	46,172	2,228	.95174	.04826	11.36
9	88,517	178	.99799	.00201	51.89	64	43,944	2,251	.94878	.05122	10.91
10	88,339	155	.99825	.00175	50.99	65	41,693	2,258	.94584	.05416	10.47
11	88,184	131	.99852	.00148	50.08	66	39,435	2,254	.94284	.05716	10.04
12	88,153	128	.99855	.00145	49.15	67	37,181	2,241	.93973	.06027	9.62
13	87,925	149	.99831	.00169	48.22	68	34,940	2,221	.93644	.06356	9.21
14	87,776	187	.99787	.00213	47.30	69	32,719	2,195	.93290	.06710	8.80
15	87,589	234	.99733	.00267	46.40	70	30,524	2,165	.92906	.07094	8.39
16	87,355	283	.99676	.00324	45.53	71	28,359	2,131	.92486	.07514	8.00
17	87,072	325	.99627	.00373	44.67	72	26,228	2,092	.92022	.07978	7.61
18	86,747	359	.99586	.00414	43.84	73	24,136	2,049	.91509	.08491	7.22
19	86,388	390	.99549	.00451	43.02	74	22,087	2,001	.90941	.09059	6.85
20	85,998	416	.99516	.00484	42.21	75	20,086	1,946	.90311	.09689	6.48
21	85,582	438	.99488	.00512	41.41	76	18,140	1,884	.89612	.10388	6.12
22	85,144	453	.99468	.00532	40.62	77	16,256	1,814	.88840	.11160	5.77
23	84,691	458	.99459	.00541	39.84	78	14,442	1,735	.87986	.12014	5.43
24	84,233	455	.99460	.00540	39.05	79	12,707	1,646	.87046	.12954	5.11
25	83,778	447	.99466	.00534	38.26	80	11,061	1,547	.86013	.13987	4.79
26	83,331	442	.99469	.00531	37.46	81	9,514	1,439	.84880	.15120	4.49
27	82,889	443	.99465	.00535	36.66	82	8,075	1,321	.83642	.16358	4.20
28	82,446	451	.99453	.00547	35.86	83	6,754	1,196	.82292	.17708	3.92
29	81,995	462	.99436	.00564	35.05	84	5,558	1,066	.80824	.19176	3.66
30	81,533	476	.99416	.00584	34.25	85	4,492	933	.79230	.20770	3.41
31	81,057	492	.99393	.00607	33.44	86	3,559	801	.77506	.22494	3.17
32	80,565	510	.99367	.00633	32.65	87	2,758	672	.75645	.24355	2.95
33	80,055	532	.99336	.00664	31.85	88	2,086	550	.73641	.26359	2.74
34	79,523	557	.99299	.00701	31.06	89	1,536	438	.71488	.28512	2.54
35	78,966	584	.99261	.00739	30.28	90	1,098	338.4	.69178	.30822	2.35
36	78,382	608	.99224	.00776	29.50	91	759.6	252.9	.66706	.33294	2.17
37	77,774	628	.99192	.00808	28.72	92	506.7	182.1	.64066	.35934	2.01
38	77,146	640	.99170	.00830	27.95	93	324.6	125.8	.61251	.38749	1.85
39	76,506	646	.99156	.00844	27.18	94	198.8	83.0	.58256	.41744	1.71
40	75,860	651	.99142	.00858	26.41	95	115.8	52.0	.55073	.44927	1.57
41	75,209	661	.99121	.00879	25.64	96	63.8	30.8	.51696	.48304	1.44
42	74,548	681	.99087	.00913	24.86	97	33.0	17.1	.48120	.51880	1.32
43	73,867	707	.99043	.00957	24.08	98	15.9	8.9	.44338	.55662	1.21
44	73,160	736	.98994	.01006	23.31	99	7.0	4.2	.40344	.59656	1.11
45	72,424	773	.98933	.01067	22.54	100	2.8	1.8	.36131	.63869	1.01
46	71,651	820	.98855	.01145	21.78	101	1.0	.7	.31693	.68307	.93
47	70,831	883	.98753	.01247	21.03	102	.3	.2	.27024	.72976	.84
48	69,948	967	.98617	.01383	20.29	103	.1	.1	.22118	.77882	.76
49	68,981	1,069	.98450	.01550	19.56	104	.	.	.16968	.83032	.69
50	67,912	1,178	.98265	.01735	18.86	105	.	.	.11568	.88432	.62
51	66,734	1,285	.98075	.01925	18.19	106	.	.	.05912	.94088	.56
52	65,449	1,377	.97896	.02104	17.53						
53	64,072	1,449	.97739	.02261	16.90						
54	62,623	1,507	.97594	.02406	16.28						

L I F E T A B L E S

TABLE 2B: NEW ZEALAND, 1950-52 - VALUES OF l_x , d_x , p_x , q_x and e^o_x

MAORI FEMALES

Age (x)	Out of 100,000 Girls Born		Probability that a Person who Reaches This Age		Expectation of Life at This Age (e^o_x)	Age (x)	Out of 100,000 Girls Born		Probability that a Person who Reaches This Age		Expectation of Life at This Age (e^o_x)
	Number who Live to This Age (l_x)	Number who Die during This Year of Age (d_x)	Lives a Further Year (p_x)	Dies Within a Year (q_x)			Number who Live to This Age (l_x)	Number who Die during This Year of Age (d_x)	Lives a Further Year (p_x)	Dies Within a Year (q_x)	
0	100,000	7,040	.92960	.07040	55.88	55	61,737	1,599	.97410	.02590	17.03
1	92,960	1,487	.98400	.01600	59.08	56	60,138	1,678	.97210	.02790	16.47
2	91,473	356	.99611	.00389	59.03	57	58,460	1,749	.97008	.02992	15.93
3	91,117	306	.99664	.00336	58.26	58	56,711	1,816	.96797	.03203	15.40
4	90,811	246	.99729	.00271	57.45	59	54,895	1,882	.96571	.03429	14.90
5	90,565	191	.99789	.00211	56.61	60	53,013	1,940	.96340	.03660	14.41
6	90,374	150	.99834	.00166	55.72	61	51,073	1,985	.96114	.03886	13.94
7	90,224	130	.99856	.00144	54.82	62	49,088	2,012	.95902	.04098	13.48
8	90,094	129	.99857	.00143	53.89	63	47,076	2,018	.95713	.04287	13.04
9	89,965	140	.99844	.00156	52.97	64	45,058	2,009	.95541	.04459	12.60
10	89,825	158	.99824	.00176	52.05	65	43,049	1,990	.95378	.04622	12.16
11	89,667	176	.99804	.00196	51.14	66	41,059	1,967	.95209	.04791	11.73
12	89,491	193	.99784	.00216	50.24	67	39,092	1,944	.95028	.04972	11.29
13	89,298	210	.99765	.00235	49.35	68	37,148	1,914	.94848	.05152	10.86
14	89,088	225	.99748	.00252	48.47	69	35,234	1,883	.94657	.05343	10.42
15	88,863	238	.99732	.00268	47.59	70	33,351	1,853	.94444	.05556	9.98
16	88,625	253	.99714	.00286	46.71	71	31,498	1,827	.94199	.05801	9.54
17	88,372	270	.99694	.00306	45.85	72	29,671	1,805	.93915	.06085	9.09
18	88,102	294	.99666	.00334	44.99	73	27,866	1,788	.93584	.06416	8.65
19	87,808	320	.99635	.00365	44.13	74	26,078	1,774	.93198	.06802	8.21
20	87,488	348	.99602	.00398	43.29	75	24,304	1,762	.92750	.07250	7.77
21	87,140	373	.99572	.00428	42.47	76	22,542	1,751	.92233	.07767	7.34
22	86,767	391	.99549	.00451	41.65	77	20,791	1,739	.91637	.08363	6.92
23	86,376	403	.99534	.00466	40.83	78	19,052	1,723	.90957	.09043	6.50
24	85,973	409	.99524	.00476	40.02	79	17,329	1,701	.90185	.09815	6.10
25	85,564	412	.99518	.00482	39.21	80	15,628	1,670	.89311	.10689	5.71
26	85,152	414	.99514	.00486	38.40	81	13,958	1,629	.88330	.11670	5.33
27	84,738	414	.99511	.00489	37.58	82	12,329	1,574	.87234	.12766	4.97
28	84,324	410	.99514	.00486	36.77	83	10,755	1,504	.86014	.13986	4.62
29	83,914	399	.99524	.00476	35.94	84	9,251	1,419	.84664	.15336	4.29
30	83,515	390	.99533	.00467	35.11	85	7,832	1,318	.83175	.16825	3.98
31	83,125	388	.99533	.00467	34.27	86	6,514	1,202	.81540	.18460	3.68
32	82,737	398	.99519	.00481	33.43	87	5,312	1,076	.79752	.20248	3.40
33	82,339	424	.99485	.00515	32.59	88	4,236	940	.77802	.22198	3.14
34	81,915	461	.99437	.00563	31.76	89	3,296	801	.75684	.24316	2.89
35	81,454	505	.99380	.00620	30.93	90	2,495	664	.73389	.26611	2.66
36	80,949	551	.99319	.00681	30.12	91	1,831	533	.70910	.29090	2.45
37	80,398	594	.99261	.00739	29.33	92	1,298	412.3	.68239	.31761	2.25
38	79,804	631	.99209	.00791	28.54	93	885.7	306.7	.65369	.34631	2.06
39	79,173	665	.99160	.00840	27.77	94	579.0	218.3	.62292	.37708	1.88
40	78,508	701	.99107	.00893	27.00	95	360.7	147.9	.59000	.41000	1.72
41	77,807	743	.99045	.00955	26.24	96	212.8	94.7	.55486	.44514	1.57
42	77,064	795	.98968	.01032	25.48	97	118.1	57.0	.51742	.48258	1.43
43	76,269	863	.98868	.01132	24.74	98	61.1	31.9	.47761	.52239	1.31
44	75,406	944	.98748	.01252	24.02	99	29.2	16.5	.43535	.56465	1.19
45	74,462	1,028	.98619	.01381	23.32	100	12.7	7.7	.39056	.60944	1.08
46	73,434	1,107	.98492	.01508	22.64	101	5.0	3.3	.34317	.65683	.97
47	72,327	1,174	.98377	.01623	21.98	102	1.7	1.2	.29310	.70690	.88
48	71,153	1,221	.98284	.01716	21.33	103	.5	.4	.24027	.75973	.79
49	69,932	1,255	.98205	.01795	20.70	104	.1	.1	.18462	.81538	.71
50	68,677	1,286	.98128	.01872	20.07	105	.	.	.12605	.87395	.63
51	67,391	1,322	.98038	.01962	19.44	106	.	.	.06450	.93550	.56
52	66,069	1,373	.97922	.02078	18.82						
53	64,696	1,441	.97773	.02227	18.21						
54	63,255	1,518	.97600	.02400	17.61						