

New Zealand Life Table for 1985/87, Contribution from Dr. V.
Kannisto's Life Table collection.

TABLE 3.1

TOTAL MALE POPULATION LIFE TABLE, 1985-1987

Exact Age (Years)	Out of 100,000 Males Born			Probability That a Male Who Reaches This Age		Expect- ation of Life (Years)
	Number Alive at Exact Age	Average Number Alive in the Age Interval	Number Dying in the Age Interval	Lives a Further Year	Dies Within a Year	
x	l_x	L_x	d_x	p_x	q_x	e_x
0	100,000	99,064	1,174	0.98826	0.01174	71.11
1	98,826	98,776	101	0.99898	0.00102	70.95
2	98,725	98,695	60	0.99939	0.00061	70.02
3	98,665	98,639	53	0.99946	0.00054	69.06
4	98,612	98,589	47	0.99952	0.00048	68.10
5	98,565	98,545	41	0.99958	0.00042	67.13
6	98,524	98,507	34	0.99965	0.00035	66.16
7	98,490	98,476	29	0.99971	0.00029	65.18
8	98,461	98,449	25	0.99975	0.00025	64.20
9	98,436	98,425	22	0.99978	0.00022	63.22
10	98,414	98,404	21	0.99979	0.00021	62.23
11	98,393	98,381	25	0.99975	0.00025	61.25
12	98,368	98,352	33	0.99966	0.00034	60.26
13	98,335	98,311	48	0.99951	0.00049	59.28
14	98,287	98,252	71	0.99928	0.00072	56.31
15	98,216	98,166	100	0.99898	0.00102	57.35
16	98,116	98,051	131	0.99866	0.00134	56.41
17	97,985	97,906	158	0.99839	0.00161	55.48
18	97,827	97,741	173	0.99823	0.00177	54.57
19	97,654	97,564	181	0.99815	0.00185	53.67
20	97,473	97,382	182	0.99813	0.00187	52.77
21	97,291	97,201	181	0.99814	0.00186	51.87
22	97,110	97,022	177	0.99818	0.00182	50.96
23	96,933	96,847	173	0.99822	0.00178	50.05
24	96,760	96,677	166	0.99828	0.00172	49.14
25	96,594	96,515	159	0.99835	0.00165	48.23
26	96,435	96,359	153	0.99841	0.00159	47.30
27	96,282	96,208	148	0.99846	0.00154	46.38
28	96,134	96,063	143	0.99851	0.00149	45.45
29	95,991	95,921	140	0.99854	0.00146	44.52
30	95,851	95,783	137	0.99857	0.00143	43.58
31	95,714	95,647	135	0.99859	0.00141	42.64
32	95,579	95,513	133	0.99861	0.00139	41.70
33	95,446	95,380	133	0.99861	0.00139	40.76
34	95,313	95,247	133	0.99860	0.00140	39.82
35	95,180	95,112	137	0.99856	0.00144	38.87
36	95,043	94,972	143	0.99850	0.00150	37.93
37	94,900	94,825	151	0.99841	0.00159	36.98
38	94,749	94,668	163	0.99828	0.00172	36.04
39	94,586	94,497	179	0.99811	0.00189	35.10
40	94,407	94,309	196	0.99792	0.00208	34.17
41	94,211	94,105	213	0.99774	0.00226	33.24
42	93,998	93,885	227	0.99758	0.00242	32.31
43	93,771	93,650	242	0.99742	0.00258	31.39
44	93,529	93,398	262	0.99720	0.00280	30.47
45	93,267	93,123	289	0.99690	0.00310	29.55
46	92,978	92,816	325	0.99650	0.00350	28.64
47	92,653	92,468	371	0.99600	0.00400	27.74
48	92,282	92,070	424	0.99540	0.00460	26.85
49	91,858	91,616	485	0.99472	0.00528	25.97
50	91,373	91,098	550	0.99398	0.00602	25.11
51	90,823	90,514	619	0.99319	0.00691	24.26
52	90,204	89,860	688	0.99237	0.00763	23.42
53	89,516	89,138	756	0.99155	0.00845	22.60
54	88,760	88,349	823	0.99073	0.00927	21.78

Exact Age (Years)	Out of 100,000 Males Born			Probability That a Male Who Reaches This Age		Expect- ation of Life (Years)
	Number Alive at Exact Age	Average Number Alive in the Age Interval	Number Dying in the Age Interval	Lives a Further Year	Dies Within a Year	
x	l_x	L_x	d_x	p_x	q_x	e_x
55	87,937	87,492	890	0.98988	0.01012	20.98
56	87,047	86,567	961	0.98896	0.01104	20.19
57	86,086	85,567	1,039	0.98793	0.01207	19.41
58	85,047	84,483	1,128	0.98674	0.01326	18.64
59	83,919	83,305	1,229	0.98535	0.01465	17.89
60	82,690	82,018	1,345	0.98373	0.01627	17.15
61	81,345	80,610	1,471	0.98192	0.01808	16.42
62	79,874	79,074	1,601	0.97996	0.02004	15.71
63	78,273	77,408	1,731	0.97788	0.02212	15.03
64	76,542	75,611	1,863	0.97566	0.02434	14.35
65	74,679	73,680	1,998	0.97325	0.02675	13.70
66	72,681	71,614	2,135	0.97062	0.02938	13.06
67	70,546	69,408	2,277	0.96772	0.03228	12.44
68	68,269	67,058	2,422	0.96453	0.03547	11.84
69	65,847	64,564	2,567	0.96101	0.03899	11.26
70	63,280	61,924	2,712	0.95715	0.04285	10.70
71	60,568	59,144	2,849	0.95296	0.04704	10.15
72	57,719	56,231	2,976	0.94844	0.05156	9.63
73	54,743	53,199	3,089	0.94358	0.05642	9.12
74	51,654	50,063	3,182	0.93840	0.06160	8.64
75	48,472	46,845	3,254	0.93286	0.06714	8.17
76	45,218	43,564	3,309	0.92683	0.07317	7.73
77	41,909	40,236	3,346	0.92015	0.07985	7.30
78	38,563	36,881	3,365	0.91273	0.08727	6.89
79	35,198	33,521	3,354	0.90472	0.09528	6.50
80	31,844	30,194	3,301	0.89633	0.10367	6.13
81	28,543	26,941	3,205	0.88772	0.11228	5.78
82	25,338	23,802	3,072	0.87877	0.12123	5.45
83	22,266	20,811	2,910	0.86930	0.13070	5.13
84	19,356	17,993	2,726	0.85916	0.14084	4.83
85	16,630	15,368	2,525	0.84818	0.15182	4.54
86	14,105	12,950	2,310	0.83623	0.16377	4.26
87	11,795	10,753	2,085	0.82319	0.17681	4.00
88	9,710	8,784	1,853	0.80914	0.19086	3.75
89	7,857	7,049	1,617	0.79416	0.20584	3.51
90	6,240	5,549	1,383	0.77833	0.22167	3.29
91	4,857	4,279	1,157	0.76174	0.23826	3.09
92	3,700	3,228	945	0.74449	0.25551	2.90
93	2,755	2,379	753	0.72665	0.27335	2.72
94	2,002	1,710	584	0.70831	0.29169	2.55
95	1,418	1,198	440	0.68954	0.31046	2.40
96	978	817	323	0.66983	0.33017	2.25
97	655	541	229	0.65032	0.34968	2.12
98	426	348	157	0.63082	0.36918	1.99
99	269	216	106	0.60563	0.39417	1.85
100	163	129	68	0.57982	0.42018	1.73
101	95	74	42	0.55282	0.44718	1.62
102	53	41	25	0.52483	0.47517	1.50
103	28	21	14	0.49583	0.50417	1.39
104	14	11	7	0.46582	0.53418	1.29
105	7	5	4	0.43482	0.56518	1.07
106	3	2	2	0.40282	0.59718	0.83
107	1	1	1	0.36933	0.63067	0.50

TABLE 3.2

TOTAL FEMALE POPULATION LIFE TABLE, 1985-1987

Exact Age (Years)	Out of 100,000 Females Born			Probability That a Female Who Reaches This Age		Expect- ation of Life (Years)
	Number Alive at Exact Age	Average Number Alive in the Age Interval	Number Dying in the Age Interval	Lives a Further Year	Dies Within a Year	
x	l_x	L_x	d_x	p_x	q_x	e_x
0	100,000	99,244	965	0.99035	0.00965	77.10
1	99,035	98,997	76	0.99923	0.00077	76.85
2	98,959	98,935	48	0.99951	0.00049	75.91
3	98,911	98,889	44	0.99956	0.00044	74.94
4	98,867	98,847	40	0.99960	0.00040	73.98
5	98,827	98,810	35	0.99965	0.00035	73.01
6	98,792	98,777	31	0.99969	0.00031	72.03
7	98,761	98,748	26	0.99974	0.00026	71.05
8	98,735	98,724	23	0.99977	0.00023	70.07
9	98,712	98,702	20	0.99980	0.00020	69.09
10	98,692	98,683	19	0.99981	0.00019	68.10
11	98,673	98,663	20	0.99980	0.00020	67.12
12	98,653	98,642	23	0.99977	0.00023	66.13
13	98,630	98,617	27	0.99973	0.00027	65.14
14	98,603	98,586	34	0.99966	0.00034	64.16
15	98,569	98,549	41	0.99958	0.00042	63.18
16	98,528	98,504	49	0.99950	0.00050	62.21
17	98,479	98,452	55	0.99944	0.00056	61.24
18	98,424	98,395	59	0.99940	0.00060	60.28
19	98,365	98,335	61	0.99938	0.00062	59.31
20	98,304	98,274	61	0.99938	0.00062	58.35
21	98,243	98,213	61	0.99938	0.00062	57.38
22	98,182	98,152	61	0.99938	0.00062	56.42
23	98,121	98,091	61	0.99938	0.00062	55.45
24	98,060	98,029	62	0.99937	0.00063	54.49
25	97,998	97,967	62	0.99937	0.00063	53.52
26	97,936	97,905	62	0.99937	0.00063	52.56
27	97,874	97,843	63	0.99936	0.00064	51.59
28	97,811	97,780	63	0.99936	0.00064	50.62
29	97,748	97,716	64	0.99935	0.00065	49.65
30	97,684	97,652	65	0.99933	0.00067	48.69
31	97,619	97,585	68	0.99930	0.00070	47.72
32	97,551	97,515	72	0.99926	0.00074	46.75
33	97,479	97,440	76	0.99920	0.00080	45.78
34	97,401	97,359	84	0.99914	0.00086	44.82
35	97,317	97,272	91	0.99907	0.00093	43.86
36	97,226	97,177	98	0.99899	0.00101	42.90
37	97,128	97,076	105	0.99892	0.00108	41.94
38	97,023	96,967	113	0.99884	0.00116	40.99
39	96,910	96,851	118	0.99878	0.00122	40.03
40	96,792	96,729	126	0.99870	0.00130	39.08
41	96,666	96,598	136	0.99859	0.00141	38.13
42	96,530	96,454	152	0.99843	0.00157	37.19
43	96,378	96,293	170	0.99824	0.00176	36.24
44	96,208	96,112	192	0.99800	0.00200	35.31
45	96,016	95,908	217	0.99774	0.00226	34.38
46	95,799	95,677	244	0.99745	0.00255	33.45
47	95,555	95,419	273	0.99714	0.00286	32.54
48	95,282	95,131	303	0.99682	0.00318	31.63
49	94,979	94,812	334	0.99648	0.00352	30.73
50	94,645	94,462	367	0.99612	0.00388	29.84
51	94,278	94,077	403	0.99573	0.00427	28.95
52	93,875	93,656	438	0.99533	0.00467	28.07
53	93,437	93,199	477	0.99489	0.00511	27.20
54	92,960	92,701	518	0.99443	0.00557	26.34
55	92,442	92,161	562	0.99392	0.00608	25.48
56	91,880	91,575	610	0.99336	0.00664	24.64
57	91,270	90,938	664	0.99273	0.00727	23.80
58	90,606	90,245	722	0.99203	0.00797	22.97
59	89,884	89,492	765	0.99127	0.00873	22.15
60	89,099	88,674	850	0.99046	0.00954	21.34
61	88,249	87,790	918	0.98960	0.01040	20.54
62	87,331	86,837	988	0.98869	0.01131	19.75
63	86,343	85,814	1,059	0.98774	0.01226	18.97
64	85,284	84,717	1,134	0.98670	0.01330	18.20
65	84,150	83,542	1,217	0.98554	0.01446	17.44
66	82,933	82,278	1,310	0.98421	0.01579	16.69
67	81,623	80,916	1,415	0.98267	0.01733	15.95
68	80,208	79,441	1,534	0.98087	0.01913	15.22
69	78,674	77,840	1,669	0.97879	0.02121	14.51
70	77,005	76,098	1,814	0.97644	0.02356	13.81
71	75,191	74,209	1,965	0.97386	0.02614	13.13
72	73,226	72,167	2,118	0.97107	0.02893	12.47
73	71,108	69,971	2,274	0.96802	0.03198	11.83
74	68,834	67,618	2,433	0.96465	0.03535	11.20
75	66,401	65,103	2,596	0.96091	0.03909	10.59
76	63,805	62,425	2,761	0.95672	0.04328	10.00
77	61,044	59,581	2,927	0.95205	0.04795	9.43
78	58,117	56,573	3,089	0.94684	0.05316	8.88
79	55,028	53,409	3,239	0.94114	0.05886	8.35
80	51,789	50,106	3,366	0.93501	0.06499	7.85
81	48,423	46,691	3,465	0.92844	0.07156	7.36
82	44,958	43,188	3,540	0.92125	0.07875	6.88
83	41,418	39,621	3,594	0.91322	0.08678	6.43
84	37,824	36,011	3,626	0.90413	0.09587	5.99
85	34,198	32,382	3,633	0.89378	0.10622	5.58
86	30,565	28,762	3,607	0.88198	0.11802	5.18
87	26,958	25,187	3,542	0.86861	0.13139	4.81
88	23,416	21,704	3,424	0.85379	0.14621	4.46
89	19,992	18,370	3,245	0.83770	0.16230	4.13
90	16,747	15,244	3,006	0.82050	0.17950	3.84
91	13,741	12,303	2,716	0.80237	0.19763	3.57
92	11,025	9,839	2,373	0.78472	0.21528	3.32
93	8,652	7,641	2,023	0.76622	0.23378	3.10
94	6,629	5,796	1,666	0.74873	0.25127	2.89
95	4,963	4,295	1,336	0.73072	0.26928	2.70
96	3,627	3,101	1,053	0.70973	0.29027	2.50
97	2,574	2,174	801	0.68872	0.31128	2.32
98	1,773	1,474	598	0.66273	0.33727	2.15
99	1,175	961	428	0.63573	0.36427	1.99
100	747	601	293	0.60773	0.39227	1.84
101	454	359	191	0.57972	0.42028	1.71
102	263	204	118	0.55072	0.44928	1.59
103	145	111	69	0.52072	0.47928	1.47
104	76	57	39	0.48972	0.51028	1.35
105	37	27	20	0.45773	0.54227	1.24
106	17	12	10	0.42473	0.57527	1.12
107	7	5	4	0.39073	0.60927	1.00
108	3	2	2	0.35573	0.64427	0.67
109	1	0	1	0.31940	0.68027	0.00