

Statistics New Zealand, New Zealand Official Year-Book (1915): Mortality Tables, p. 189-197.

THE
NEW ZEALAND
OFFICIAL YEAR-BOOK,
1915.

(TWENTY-FOURTH YEAR OF ISSUE.)

PREPARED UNDER THE INSTRUCTIONS OF
THE GOVERNMENT OF NEW ZEALAND
BY
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1915.

RATE OF MORTALITY (q_x)—FEMALES—continued.

Age.	1891-95.	1896-1900.	1901-5.	1906-10.
Years.				
28	5.61	4.58	4.66	4.44
29	5.68	4.69	4.65	4.50
30	5.73	4.81	4.62	4.55
31	5.79	4.94	4.62	4.61
32	5.89	5.10	4.69	4.72
33	6.04	5.29	4.85	4.89
34	6.22	5.51	5.08	5.11
35	6.42	5.74	5.34	5.34
36	6.60	5.97	5.60	5.55
37	6.77	6.18	5.84	5.72
38	6.89	6.35	6.04	5.80
39	6.98	6.49	6.22	5.83
40	7.07	6.64	6.40	5.84
41	7.19	6.81	6.58	5.89
42	7.36	7.04	6.77	6.02
43	7.58	7.33	6.93	6.23
44	7.82	7.67	7.07	6.50
45	8.11	8.03	7.22	6.81
46	8.44	8.42	7.45	7.17
47	8.83	8.83	7.81	7.57
48	9.26	9.22	8.32	8.01
49	9.74	9.62	8.95	8.49
50	10.27	10.05	9.66	9.01
51	10.87	10.53	10.41	9.58
52	11.53	11.09	11.16	10.21
53	12.23	11.68	11.87	10.90
54	12.97	12.29	12.56	11.63
55	13.79	12.98	13.31	12.42
56	14.72	13.83	14.15	13.29
57	15.80	14.91	15.16	14.26
58	17.00	16.25	16.33	15.24
59	18.31	17.81	17.60	16.23
60	19.75	19.54	19.01	17.33
61	21.34	21.39	20.56	18.67
62	23.12	23.33	22.27	20.35
63	25.03	25.28	24.06	22.37
64	27.05	27.26	25.91	24.64
65	29.27	29.40	27.95	27.18
66	31.75	31.80	30.32	30.01
67	34.58	34.58	33.15	33.15
68	37.66	37.64	36.37	36.49
69	40.94	40.92	39.89	40.03
70	44.55	44.54	43.81	43.91
71	48.65	48.65	48.24	48.27
72	53.36	53.36	53.25	53.25
73	58.75	58.75	58.93	58.93
74	64.72	64.72	65.19	65.19
75	71.19	71.19	71.95	71.95
76	78.07	78.07	79.12	79.12
77	85.26	85.26	86.02	86.02
78	92.59	92.59	94.37	94.37
79	100.12	100.12	102.43	102.43
80	108.11	108.11	110.91	110.91

RATE OF MORTALITY (q_x)—FEMALES—continued.

Age.	1891-95.	1896-1900.	1901-5.	1906-10.
Years.				
81	116.85	116.85	119.90	119.90
82	126.61	126.61	129.50	129.50
83	137.44	137.44	139.25	139.25
84	149.18	149.18	149.07	149.07
85	161.71	161.71	159.68	159.68
86	174.94	174.94	171.77	171.77
87	188.78	188.78	186.07	186.07
88	201.12	201.12	201.02	201.02
89	212.02	212.02	216.15	216.15
90	224.64	224.64	233.78	233.78
91	242.13	242.13	256.22	256.22
92	267.63	267.63	285.79	285.79
93	299.05	299.05	320.94	320.94
94	334.29	334.29	360.14	360.14
95	376.49	376.49	405.69	405.69
96	428.80	428.80	459.90	459.90
97	494.36	494.36	525.07	525.07
98	577.73	577.73	604.58	604.58
99	676.80	676.80	696.87	696.87
100	784.76	784.76	796.91	796.91
101	894.77	894.77	899.64	899.64

SURVIVORS (l_x)—MALES.

(Numbers surviving at each age in New Zealand out of 100,000 males born.)

	100,000	100,000	100,000	100,000
0	100,000	100,000	100,000	100,000
1	90,329	91,152	91,694	92,204
2	88,690	89,913	90,576	91,169
3	88,028	89,407	90,046	90,686
4	87,551	89,032	89,653	90,336
5	87,108	88,735	89,341	90,079
6	86,853	88,487	89,089	89,865
7	86,583	88,268	88,866	89,676
8	86,345	88,073	88,666	89,507
9	86,134	87,900	88,489	89,355
10	85,945	87,744	88,330	89,218
11	85,766	87,597	88,182	89,088
12	85,588	87,452	88,033	88,957
13	85,407	87,302	87,880	88,822
14	85,214	87,144	87,717	88,677
15	85,000	86,970	87,537	88,514
16	84,759	86,775	87,335	88,329
17	84,492	86,556	87,111	88,121
18	84,202	86,315	86,860	87,894
19	83,893	86,047	86,593	87,650
20	83,566	85,750	86,304	87,389
21	83,222	85,423	85,993	87,112
22	82,862	85,070	85,664	86,821
23	82,486	84,699	85,321	86,518
24	82,093	84,320	84,972	86,207
25	81,684	83,940	84,624	85,891
26	81,260	83,562	84,278	85,571
27	80,823	83,188	83,934	85,247

SURVIVORS (l_x)—MALES—continued.

Age.	1891-95.	1896-1900.	1901-5.	1906-10.
Years.				
28	80,377	82,814	83,587	84,917
29	79,928	82,437	83,234	84,579
30	79,480	82,059	82,873	84,232
31	79,034	81,677	82,502	83,877
32	78,590	81,289	82,119	83,510
33	78,143	80,891	81,725	83,131
34	77,687	80,477	81,318	82,736
35	77,220	80,041	80,898	82,323
36	76,740	79,581	80,463	81,891
37	76,248	79,099	80,013	81,441
38	75,744	78,598	79,549	80,974
39	75,230	78,086	79,073	80,496
40	74,709	77,568	78,586	80,011
41	74,181	77,044	78,087	79,519
42	73,641	76,511	77,572	79,015
43	73,084	75,959	77,034	78,490
44	72,504	75,376	76,464	77,933
45	71,899	74,753	75,856	77,335
46	71,264	74,088	75,207	76,693
47	70,594	73,381	74,515	76,007
48	69,882	72,637	73,781	75,282
49	69,120	71,865	73,006	74,525
50	68,299	71,072	72,190	73,741
51	67,417	70,256	71,333	73,929
52	66,475	69,410	70,434	72,084
53	65,479	68,521	69,493	71,197
54	64,442	67,572	68,512	70,256
55	63,374	66,552	67,496	69,253
56	62,274	65,455	66,442	68,185
57	61,132	64,283	65,344	67,051
58	59,928	63,042	64,189	65,855
59	58,638	61,746	62,967	64,607
60	57,247	60,407	61,671	63,317
61	55,752	59,022	60,296	61,981
62	54,159	57,580	58,839	60,587
63	52,483	56,057	57,296	59,112
64	50,748	54,432	55,672	57,539
65	48,971	52,695	53,974	55,860
66	47,115	50,841	52,198	54,067
67	45,293	48,871	50,333	52,152
68	43,369	46,794	48,360	50,108
69	41,371	44,615	46,264	47,930
70	39,300	42,377	44,041	45,621
71	37,159	40,059	41,698	43,190
72	34,932	37,677	39,248	40,651
73	32,687	35,236	36,714	38,026
74	30,371	32,739	34,123	35,343
75	28,015	30,200	31,503	32,630
76	25,643	27,643	28,876	29,909
77	23,286	25,102	26,260	27,199
78	20,979	22,615	23,671	24,518
79	18,757	20,219	21,126	21,882
80	16,645	17,942	18,649	19,317

SURVIVORS (l_x)—MALES—continued.

Age.	1891-95.	1896-1900.	1901-5.	1906-10.
Years.				
81	14,656	15,798	16,270	16,853
82	12,796	13,793	14,022	14,524
83	11,066	11,928	11,935	12,362
84	9,471	10,208	10,036	10,395
85	8,017	8,641	8,340	8,638
86	6,705	7,227	6,844	7,088
87	5,532	5,963	5,536	5,733
88	4,494	4,844	4,401	4,558
89	3,592	3,872	3,435	3,558
90	2,823	3,044	2,631	2,726
91	2,177	2,347	1,971	2,042
92	1,638	1,766	1,434	1,486
93	1,194	1,287	1,003	1,039
94	841	907	667	691
95	572	617	418	433
96	371	401	244	252
97	225	243	129	134
98	123	132	60	63
99	56	61	23	24
100	20	21	7	7
101	5	5	1	1

SURVIVORS (l_x)—FEMALES.

(Numbers surviving at each age in New Zealand out of 100,000 females born.)

	100,000	100,000	100,000	100,000
0	100,000	100,000	100,000	100,000
1	92,172	92,769	93,146	93,797
2	90,713	91,658	92,063	92,805
3	90,038	91,187	91,565	92,316
4	89,553	90,827	91,179	92,010
5	89,162	90,545	90,877	91,778
6	88,833	90,311	90,636	91,572
7	88,562	90,108	90,432	91,398
8	88,326	89,928	90,251	91,229
9	88,132	89,772	90,098	91,082
10	87,962	89,630	89,961	90,953
11	87,804	89,492	89,830	90,827
12	87,648	89,351	89,698	90,699
13	87,487	89,203	89,562	90,567
14	87,310	89,040	89,414	90,426
15	87,105	88,852	89,247	90,270
16	86,865	88,636	89,056	90,096
17	86,591	88,392	88,840	89,902
18	86,290	88,125	88,602	89,690
19	85,968	87,841	88,345	89,460
20	85,629	87,542	88,069	89,212
21	85,275	87,231	87,776	88,946
22	84,907	86,908	87,465	88,661
23	84,525	86,574	87,138	88,360
24	84,127	86,229	86,795	88,042
25	83,712	85,875	86,436	87,707
26	83,282	85,513	86,062	87,355
27	82,837	85,142	85,676	86,989

SURVIVORS (l_x)—FEMALES—continued.

Age.	1891-95.	1896-1900.	1901-5.	1906-10.
Years.				
28	82,381	84,762	85,281	86,611
29	81,919	84,374	84,884	86,226
30	81,454	83,978	84,489	85,838
31	80,987	83,574	84,099	85,447
32	80,518	83,160	83,710	85,053
33	80,044	82,736	83,317	84,652
34	79,561	82,298	82,913	84,238
35	79,066	81,845	82,492	83,808
36	78,558	81,375	82,051	83,360
37	78,040	80,889	81,592	82,897
38	77,512	80,389	81,116	82,423
39	76,978	79,878	80,626	81,945
40	76,441	79,360	80,125	81,467
41	75,901	78,833	79,612	80,991
42	75,355	78,296	79,088	80,514
43	74,800	77,745	78,553	80,029
44	74,233	77,175	78,009	79,530
45	73,652	76,583	77,457	79,013
46	73,055	75,968	76,898	78,475
47	72,438	75,328	76,325	77,912
48	71,798	74,663	75,729	77,322
49	71,133	73,975	75,099	76,703
50	70,440	73,263	74,427	76,052
51	69,717	72,527	73,708	75,367
52	68,959	71,763	72,941	74,645
53	68,164	70,967	72,127	73,883
54	67,330	70,138	71,271	73,078
55	66,457	69,276	70,376	72,228
56	65,541	68,377	69,439	71,331
57	64,576	67,431	68,456	70,383
58	63,556	66,426	67,418	69,379
59	62,476	65,347	66,317	68,322
60	61,332	64,183	65,150	67,213
61	60,121	62,929	63,911	66,048
62	58,838	61,583	62,597	64,815
63	57,478	60,146	61,203	63,496
64	56,039	58,626	59,730	62,076
65	54,523	57,028	58,182	60,546
66	52,927	55,351	56,556	58,900
67	51,247	53,591	54,841	57,132
68	49,475	51,738	53,023	55,222
69	47,612	49,791	51,095	53,222
70	45,663	47,754	49,057	51,092
71	43,629	45,627	46,908	48,849
72	41,506	43,407	44,645	46,491
73	39,291	41,091	42,268	44,015
74	36,983	38,677	39,777	41,421
75	34,589	36,174	37,184	38,721
76	32,127	33,599	34,509	35,935
77	29,619	30,976	31,779	33,092
78	27,094	28,335	29,026	30,226
79	24,585	25,711	26,287	27,374
80	22,124	23,137	23,594	24,570

SURVIVORS (l_x)—FEMALES—continued.

Age.	1891-95.	1896-1900.	1901-5.	1906-10.
Years.				
81	19,732	20,636	20,977	21,845
82	17,426	18,225	18,462	19,226
83	15,220	15,918	16,071	16,736
84	13,128	13,730	13,833	14,406
85	11,170	11,682	11,771	12,258
86	9,364	9,793	9,891	10,301
87	7,726	8,080	8,192	8,532
88	6,267	6,555	6,668	6,944
89	5,007	5,237	5,328	5,548
90	3,945	4,127	4,176	4,349
91	3,059	3,200	3,200	3,332
92	2,318	2,425	2,380	2,478
93	1,698	1,776	1,700	1,770
94	1,190	1,245	1,154	1,202
95	792	829	738	769
96	494	517	439	457
97	282	295	237	247
98	143	149	113	117
99	60	63	44	46
100	19	20	13	14
101	4	4	3	3

EXPECTATION OF LIFE (e_x)—MALES.

(Expectation of life or average after-life time in New Zealand at each year of age.)

Years.	Years.	Years.	Years.	Years.
0	55,204	57,373	58,092	59,165
1	60,161	61,893	62,308	63,125
2	60,263	61,739	62,071	62,836
3	59,712	61,086	61,433	62,168
4	59,035	60,341	60,700	61,407
5	58,202	59,541	59,911	60,581
6	57,502	58,706	59,079	59,724
7	56,630	57,851	58,225	58,849
8	55,835	56,978	57,356	57,959
9	54,970	56,189	56,469	57,057
10	54,490	55,188	55,570	56,144
11	53,202	54,279	54,663	55,225
12	52,311	53,369	53,755	54,306
13	51,421	52,459	52,848	53,388
14	50,537	51,553	51,945	52,474
15	49,662	50,656	51,050	51,570
16	48,802	49,768	50,167	50,677
17	47,955	48,893	49,295	49,795
18	47,118	48,028	48,436	48,923
19	46,290	47,176	47,583	48,058
20	45,469	46,338	46,741	47,200
21	44,655	45,513	45,908	46,348
22	43,847	44,700	45,083	45,502
23	43,045	43,893	44,262	44,659
24	42,248	43,088	43,442	43,819
25	41,457	42,281	42,618	42,979

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EXPECTATION OF LIFE (e_x^0)—MALES—continued.

Age.	1891-95.	1896-1900.	1901-5.	1906-10.
Years.	Years.	Years.	Years.	Years.
26	40.671	41.470	41.791	42.137
27	39.888	40.655	40.960	41.296
28	39.107	39.836	40.128	40.454
29	38.324	39.016	39.296	39.614
30	37.537	37.193	38.465	38.775
31	36.746	37.370	37.636	37.937
32	35.951	36.546	36.809	37.101
33	35.154	35.723	35.984	36.268
34	34.357	34.904	35.162	35.439
35	33.562	34.091	34.342	34.614
36	32.768	33.286	33.525	33.794
37	31.977	32.486	32.711	32.978
38	31.186	31.689	31.899	32.166
39	30.395	30.894	31.088	31.353
40	29.604	30.097	30.278	30.540
41	28.811	29.298	29.468	29.726
42	28.019	28.498	28.660	28.913
43	27.229	27.702	27.857	28.103
44	26.442	26.912	27.061	27.300
45	25.661	26.132	26.274	26.507
46	24.885	25.362	25.496	25.725
47	24.116	24.602	24.728	24.952
48	23.357	23.849	23.969	24.188
49	22.609	23.100	23.219	23.429
50	21.875	22.352	22.475	22.672
51	21.154	21.606	21.739	21.919
52	20.447	20.863	21.010	21.170
53	19.750	20.127	20.289	20.428
54	19.060	19.403	19.572	19.695
55	18.373	18.693	18.859	18.972
56	17.688	17.997	18.151	18.262
57	17.009	17.316	17.447	17.562
58	16.341	16.647	16.752	16.872
59	15.690	15.986	16.068	16.188
60	15.050	15.330	15.395	15.508
61	14.449	14.677	14.734	14.831
62	13.859	14.033	14.087	14.161
63	13.286	13.400	13.453	13.502
64	12.723	12.785	12.831	12.857
65	12.167	12.191	12.218	12.229
66	11.616	11.617	11.617	11.618
67	11.073	11.065	11.029	11.026
68	10.542	10.544	10.459	10.455
69	10.027	10.022	9.910	9.907
70	9.519	9.527	9.385	9.383
71	9.050	9.049	8.884	8.884
72	8.590	8.540	8.407	8.407
73	8.150	8.150	7.953	7.953
74	7.724	7.724	7.519	7.519
75	7.342	7.342	7.102	7.102
76	6.975	6.975	6.703	6.703
77	6.630	6.630	6.321	6.321
78	6.304	6.304	5.958	5.958

EXPECTATION OF LIFE (e_x^0)—MALES—continued.

Age.	1891-95.	1896-1900.	1901-5.	1906-10.
Years.	Years.	Years.	Years.	Years.
79	5.992	5.992	5.615	5.615
80	5.659	5.689	5.294	5.294
81	5.393	5.393	4.995	4.995
82	5.104	5.104	4.716	4.716
83	4.824	4.824	4.453	4.453
84	4.553	4.553	4.201	4.201
85	4.288	4.288	3.954	3.954
86	4.029	4.029	3.709	3.709
87	3.778	3.778	3.467	3.467
88	3.535	3.535	3.233	3.233
89	3.297	3.297	3.001	3.001
90	3.059	3.059	2.765	2.765
91	2.818	2.818	2.523	2.523
92	2.580	2.580	2.280	2.280
93	2.354	2.354	2.046	2.046
94	2.132	2.132	1.825	1.825
95	1.900	1.900	1.613	1.613
96	1.655	1.655	1.409	1.409
97	1.405	1.405	1.214	1.214
98	1.161	1.161	1.030	1.030
99	0.941	0.941	0.864	0.864
100	0.768	0.768	0.720	0.720
101	0.612	0.612	0.599	0.599

EXPECTATION OF LIFE (e_x^0)—FEMALES.

(Expectation of life or average after-life time in New Zealand at each year of age.)

0	58.987	59.952	60.549	61.764
1	61.988	63.567	63.967	64.816
2	61.977	63.332	63.714	64.503
3	61.438	62.656	63.058	63.843
4	60.768	61.903	62.323	63.053
5	60.033	61.094	61.528	62.211
6	59.253	60.250	60.689	61.350
7	58.433	59.385	59.825	60.465
8	57.588	58.503	58.944	59.576
9	56.714	57.604	58.043	58.672
10	55.822	56.694	57.131	57.754
11	54.922	55.781	56.213	56.834
12	54.019	54.868	55.295	55.913
13	53.118	53.959	54.379	54.994
14	52.224	53.057	53.468	54.079
15	51.346	52.168	52.567	53.172
16	50.486	51.294	51.679	52.273
17	49.644	50.434	50.803	51.385
18	48.816	49.585	49.939	50.505
19	47.997	48.744	49.082	49.634
20	47.185	47.908	48.234	48.770
21	46.378	47.077	47.394	47.914
22	45.577	46.250	46.561	47.067
23	44.781	45.426	45.733	46.226
24	43.990	44.606	44.912	45.391
25	43.206	43.787	44.097	44.562

EXPECTATION OF LIFE (e_x)—FEMALES—continued.

Age.	1891-95.	1896-1900.	1901-5.	1906-10.
Years.				
26	42-426	42-971	43-287	43-740
27	41-651	42-156	42-480	42-922
28	40-879	41-343	41-674	42-107
29	40-107	40-531	40-867	41-292
30	39-333	39-719	40-055	40-477
31	38-557	38-909	39-239	39-659
32	37-778	38-100	38-419	38-841
33	36-999	37-293	37-597	38-023
34	36-221	36-488	36-778	37-207
35	35-445	35-688	35-963	36-396
36	34-670	34-891	35-154	35-588
37	33-897	34-097	34-349	34-784
38	33-125	33-306	33-548	33-981
39	32-351	32-516	32-749	33-177
40	31-575	31-725	31-950	32-368
41	30-797	30-934	31-153	31-555
42	30-016	30-142	30-356	30-739
43	29-235	29-353	29-560	29-923
44	28-454	28-566	28-762	29-107
45	27-675	27-783	27-964	28-294
46	26-897	27-003	27-163	27-485
47	26-122	26-228	26-363	26-680
48	25-350	25-458	25-567	25-880
49	24-582	24-690	24-777	25-085
50	23-819	23-925	23-997	24-295
51	23-061	23-163	23-226	23-511
52	22-309	22-404	22-465	22-734
53	21-563	21-650	21-713	21-963
54	20-824	20-900	20-968	21-200
55	20-091	20-153	20-228	20-443
56	19-365	19-412	19-494	19-694
57	18-647	18-677	18-767	18-953
58	17-938	17-952	18-048	18-220
59	17-240	17-240	17-339	17-494
60	16-552	16-544	16-641	16-774
61	15-875	15-864	15-954	16-061
62	15-211	15-200	15-278	15-357
63	14-559	14-551	14-615	14-666
64	13-920	13-915	13-963	13-990
65	13-293	13-291	13-331	13-331
66	12-679	12-678	12-689	12-689
67	12-078	12-078	12-070	12-067
68	11-493	11-493	11-467	11-463
69	10-923	10-881	10-881	10-878
70	10-368	10-368	10-312	10-311
71	9-828	9-828	9-762	9-762
72	9-305	9-305	9-231	9-231
73	8-801	8-801	8-722	8-722
74	8-319	8-319	8-237	8-237
75	7-860	7-860	7-777	7-777
76	7-424	7-424	7-341	7-341
77	7-011	7-011	6-929	6-929
78	6-618	6-618	6-539	6-539

MORTALITY TABLES.

EXPECTATION OF LIFE (e_x)—FEMALES—continued.

Age.	1891-95.	1896-1900.	1901-5.	1906-10.
Years.				
79	6-242	6-242	6-168	6-168
80	5-881	5-881	5-815	5-815
81	5-533	5-533	5-478	5-478
82	5-199	5-199	5-156	5-156
83	4-880	4-880	4-848	4-848
84	4-578	4-578	4-552	4-552
85	4-293	4-293	4-262	4-262
86	4-025	4-025	3-976	3-976
87	3-772	3-772	3-697	3-697
88	3-534	3-534	3-428	3-428
89	3-297	3-297	3-165	3-165
90	3-050	3-050	2-900	2-900
91	2-789	2-789	2-632	2-632
92	2-520	2-520	2-366	2-366
93	2-258	2-258	2-113	2-113
94	2-009	2-009	1-876	1-876
95	1-766	1-766	1-650	1-650
96	1-531	1-531	1-436	1-436
97	1-305	1-305	1-232	1-232
98	1-091	1-091	1-042	1-042
99	0-900	0-900	0-871	0-871
100	0-738	0-738	0-723	0-723
101	0-605	0-605	0-600	0-600

DIAGRAM 1—RATE OF MORTALITY PER 1,000 (q_x) FOR EACH YEAR OF AGE—
MALES, NEW ZEALAND

