CANADA

DOMINION BUREAU OF STATISTICS

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Health and Welfare Technical Report No. 2

PROVINCIAL ABRIDGED LIFE TABLES, 1961-1963

by

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1. Introduction

Provincial Abridged Life Tables, 1961-1963 is not to be regarded as an official Dominion Bureau of Statistics publication, but merely as a report of another project carried out by the Analysis Unit of the Vital Statistics Section. Abridged life tables, although less accurate than complete life tables, have the advantage of being rapidly constructed by using available computer techniques. These abridged life tables have been constructed by using the MATOP 6 program prepared for the IBM 360 computer [2]. The assumptions and method for the construction of these abridged life tables have been presented in Health and Welfare Technical Report No. 1 [3]. The data required for the preparation of these abridged life tables are presented below.

2. Data Used

These abridged life tables are based on the following data: June 1, 1962 estimates of the population of the provinces by age group and sex; reported deaths in the provinces for the three years 1961, 1962, and 1963 by age group and sex, infant deaths being required by year of birth; and reported births in the provinces for the four years 1960, 1961, 1962, and 1963. These data are recorded in the Appendix of the report.

3. Infant Deaths by Year of Birth for Newfoundland

Since infant deaths by year of birth are not available for Newfoundland, they were estimated for the province from tabulations of infant deaths by month of death and age at death.

Table A. Male Infant Deaths by Month of Death and Age at Death, Newfoundland, 1961-1963.

Age group	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Under 1 day	22	17	25	23	24	25	30	21	22	24	26	22
1 day	4	6	6	5	7	3	4	2	6	3	8	8
2 days	6	1	4	2	4	2	3	8	2	1	6	3
3 days	2	1	2	—	3	3	3	5	3	6	5	1
4 days	1	2	2	—	4	2	2	1	—	2	2	2
5 days	3	—	—	1	1	1	1	2	1	—	1	1
6 days	1	1	1	—	—	—	2	1	1	1	1	—
7-13 days	7	9	1	3	7	7	3	2	5	6	5	5
14-20 days	1	2	7	3	1	2	3	5	4	2	6	6
21-27 days	4	1	3	4	1	2	—	1	2	2	2	3
28 days - 1 month	10	12	7	8	5	7	6	5	9	4	9	6
2 months	14	10	13	4	7	3	5	4	5	7	14	10
3 months	9	9	6	4	3	6	1	3	4	7	5	10
4 months	7	6	2	2	3	2	4	—	2	5	8	10
5 months	10	3	3	4	3	—	1	1	2	4	4	4
6 months	6	2	1	1	1	5	1	—	2	2	—	5
7 months	5	1	4	1	2	—	2	1	1	3	2	3
8 months	—	4	2	2	1	2	2	1	1	4	—	1
9 months	2	4	4	1	2	—	—	1	1	3	—	2
10 months	—	2	3	—	—	1	1	—	—	3	2	—
11 months	—	1	2	—	—	—	1	2	—	1	1	1
Total under 1 year	114	94	98	68	79	73	75	66	73	90	106	103

The method of arriving at these estimates is best illustrated by a numerical example [1]. The example is based on the tabulations of Newfoundland infant deaths for males in 1961-1963. The data to be used are given in Table A. In this table, attention is called to the figures in bold-type which extend more or less diagonally. It is evident that all the figures below and to the left of the bold-face figures represent infant deaths occurring in the year following the year of birth. Similarly, all the figures above and to the right of the bold-face figures refer to infant deaths occurring in the year of birth. However, the bold-face figures themselves include some infant deaths occurring in the year of birth and some infant deaths occurring in the year following the year of birth. In the case of all these figures except those which represent deaths in the month of January, it was assumed that there was an equal number of each of the two types of infant deaths.

For the month of January, the assumption was made that, within each age group shown, 1/31 of the total deaths occurred on each day of the month. Now, among those deaths occurring on January 1 to infants under 1 day of age, some occurred in the year of birth and some occurred in the year following the year of birth. Therefore it was assumed that 1/2 of 1/31, or 1/62 of the deaths under 1 day occurring in January were to infants born in the previous year. Multipliers for the other age groups under 1 month were obtained similarly and are shown in Table B. Some further illustrations are given in [1].

Table B. Proportion of January Deaths Under 1 Month Assumed
to Represent Births of the Previous Year

Age at death	Under 1 day	1 day	2 days	3 days	4 days	5 days	6 days	7-13 days	14-20 days	21-27 days
Assumed proportion born in previous year	1/62	3/62	5/62	7/62	9/62	11/62	13/62	21/62	35/62	49/62

By the application of the above rules, the estimated number of deaths under 1 year in 1961-1963 of infants born in the previous year is found to be 205 to the nearest integer, while the total number of deaths under 1 year in 1961-1963, irrespective of the year of birth, is 1,039. Therefore, the corresponding value of f is the quotient of 205 by 1,039, or 0.197.

REFERENCES

1. Greville, T.N.E., United States Life Tables and Actuarial Tables, 1939-1941, United States Public Health Service, United States Government Printing Office, Washington, 1947, pp. 117-118.

2. Naqi, M., Programs MATOP 1, MATOP 2, MATOP 3, MATOP 4, MATOP 5, MATOP 6, Dominion Bureau of Statistics, Ottawa, 1965.

3. Silins, J. and Zayachkowski, W., Canadian Abridged Life Tables, 1961-1963, Health and Welfare Technical Report No. 1, Dominion Bureau of Statistics, Ottawa, 1966.

Table 1M. Abridged Life Table for Male Population: Newfoundland, 1961-1963

$\log_e c = 0.072626$

Age Group	$_nm_x$	$_nq_x$	l_x	$_nd_x$	$_nL_x$	T_x	$\overset{o}{e}_x$
Under 1		0.043803	100,000	4,380	96,484	6,902,194	69.02
1- 4	0.001458	0.005814	95,620	556	381,420	6,805,710	71.17
5- 9	0.000544	0.002714	95,064	258	474,713	6,424,290	67.58
10-14	0.000534	0.002668	94,806	253	473,434	5,949,577	62.76
15-19	0.000862	0.004299	94,553	407	471,809	5,476,143	57.92
20-24	0.001379	0.006871	94,146	647	469,210	5,004,334	53.15
25-29	0.001702	0.008477	93,499	792	465,634	4,535,124	48.50
30-34	0.001791	0.008918	92,707	827	461,589	4,069,490	43.90
35-39	0.002256	0.011222	91,880	1,031	456,975	3,607,901	39.27
40-44	0.002946	0.014627	90,849	1,329	451,116	3,150,926	34.68
45-49	0.004530	0.022410	89,520	2,006	442,870	2,699,810	30.16
50-54	0.008215	0.040294	87,514	3,526	429,227	2,256,940	25.79
55-59	0.012009	0.058381	83,988	4,904	408,300	1,827,713	21.76
60-64	0.020172	0.096222	79,084	7,609	377,229	1,419,413	17.95
65-69	0.028707	0.134255	71,475	9,596	334,263	1,042,184	14.58
70-74	0.047568	0.213033	61,879	13,182	277,127	707,921	11.44
75-79	0.071034	0.301671	48,697	14,691	206,806	430,794	8.85
80-84	0.117778	0.451075	34,006	15,339	130,240	223,988	6.59
85-89	0.185000	0.614287	18,667	11,467	61,983	93,748	5.02
90+	0.226667	1.000000	7,200	7,200	31,765	31,765	4.41

Table 1F. Abridged Life Table for Female Population: Newfoundland, 1961-1963

$\log_e c = 0.074966$

Age Group	$_n m_x$	$_n q_x$	l_x	$_n d_x$	$_n L_x$	T_x	$\overset{o}{e}_x$
Under 1		0.033075	100,000	3,307	97,648	7,289,510	72.90
1- 4	0.001128	0.004501	96,693	436	385,942	7,191,862	74.38
5- 9	0.000367	0.001833	96,257	176	480,873	6,805,920	70.71
10-14	0.000288	0.001439	96,081	138	480,081	6,325,047	65.83
15-19	0.000468	0.002338	95,943	225	479,187	5,844,966	60.92
20-24	0.000417	0.002081	95,718	199	478,125	5,365,779	56.06
25-29	0.000599	0.002991	95,519	286	476,926	4,887,654	51.17
30-34	0.000623	0.003112	95,233	296	475,472	4,410,728	46.31
35-39	0.001793	0.008926	94,937	847	472,696	3,935,256	41.45
40-44	0.002398	0.011921	94,090	1,122	467,814	3,462,560	36.80
45-49	0.002673	0.013281	92,968	1,235	461,940	2,994,746	32.21
50-54	0.005255	0.025953	91,733	2,380	453,060	2,532,806	27.61
55-59	0.008513	0.041725	89,353	3,729	437,958	2,079,746	23.28
60-64	0.012222	0.059391	85,624	5,085	416,073	1,641,788	19.17
65-69	0.025306	0.119296	80,539	9,608	379,669	1,225,715	15.22
70-74	0.034737	0.160236	70,931	11,366	327,193	846,046	11.93
75-79	0.064568	0.278305	59,565	16,577	256,742	518,853	8.71
80-84	0.119286	0.455557	42,988	19,583	164,174	262,111	6.10
85-89	0.211667	0.665850	23,405	15,584	73,624	97,937	4.18
90+	0.321667	1.000000	7,821	7,821	24,313	24,313	3.11

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Table 2M. Abridged Life Table for Male Population: Prince Edward Island, 1961-1963

$$\log_e c = 0.063246$$

Age Group	$n^m x$	$n^q x$	l_x	$n^d x$	$n^L x$	T_x	$\overset{o}{e}_x$
Under 1		0.033876	100,000	3,388	97,129	6,905,697	69.06
1- 4	0.000988	0.003943	96,612	381	385,719	6,808,568	70.47
5- 9	0.000753	0.003757	96,231	361	480,300	6,422,849	66.74
10-14	0.000741	0.003697	95,870	355	478,510	5,942,549	61.99
15-19	0.001633	0.008132	95,515	776	475,735	5,464,039	57.21
20-24	0.001714	0.008537	94,739	809	471,775	4,988,304	52.65
25-29	0.001954	0.009725	93,930	914	467,483	4,516,529	48.08
30-34	0.001728	0.008607	93,016	800	463,184	4,049,046	43.53
35-39	0.002738	0.013602	92,216	1,254	458,102	3,585,862	38.89
40-44	0.003218	0.015970	90,962	1,453	451,358	3,127,760	34.39
45-49	0.004253	0.021052	89,509	1,884	443,065	2,676,402	29.90
50-54	0.010370	0.050598	87,625	4,434	427,528	2,233,337	25.49
55-59	0.013016	0.063112	83,191	5,250	403,379	1,805,809	21.71
60-64	0.017500	0.083967	77,941	6,545	373,966	1,402,430	17.99
65-69	0.033333	0.154142	71,396	11,005	330,154	1,028,464	14.41
70-74	0.046444	0.208367	60,391	12,583	270,938	698,310	11.56
75-79	0.064848	0.278957	47,808	13,337	205,652	427,372	8.94
80-84	0.118333	0.451856	34,471	15,576	131,629	221,720	6.43
85-89	0.163333	0.566190	18,895	10,698	65,500	90,091	4.77
90+	0.333333	1.000000	8,197	8,197	24,591	24,591	3.00

Table 2F. Abridged Life Table for Female Population: Prince Edward Island, 1961-1963

$$\log_e c = 0.079862$$

Age Group	$n m_x$	$n q_x$	l_x	$n d_x$	$n L_x$	T_x	$\overset{o}{e}_x$
Under 1		0.022433	100,000	2,243	98,098	7,469,873	74.70
1- 4	0.001006	0.004017	97,757	393	390,283	7,371,775	75.41
5- 9	0.000167	0.000833	97,364	81	486,631	6,981,492	71.71
10-14	0.000219	0.001092	97,283	106	486,166	6,494,861	66.76
15-19	0.000797	0.003978	97,177	387	484,981	6,008,695	61.83
20-24	0.000625	0.003120	96,790	302	483,245	5,523,714	57.07
25-29	0.000988	0.004927	96,488	475	481,329	5,040,469	52.24
30-34	0.001154	0.005754	96,013	553	478,773	4,559,140	47.48
35-39	0.001905	0.009482	95,460	905	475,185	4,080,367	42.74
40-44	0.002500	0.012427	94,555	1,175	470,027	3,605,182	38.13
45-49	0.002500	0.012427	93,380	1,160	464,186	3,135,155	33.57
50-54	0.004493	0.022230	92,220	2,050	456,295	2,670,969	28.96
55-59	0.007895	0.038755	90,170	3,495	442,635	2,214,674	24.56
60-64	0.011852	0.057648	86,675	4,997	421,592	1,772,039	20.44
65-69	0.017963	0.086146	81,678	7,036	391,708	1,350,447	16.53
70-74	0.031111	0.144754	74,642	10,805	347,296	958,739	12.84
75-79	0.050000	0.222838	63,837	14,225	284,509	611,443	9.58
80-84	0.098095	0.392706	49,612	19,483	198,612	326,934	6.59
85-89	0.233333	0.703686	30,129	21,201	90,864	128,322	4.26
90+	0.238333	1.000000	8,928	8,928	37,458	37,459	4.20

Table 3M. Abridged Life Table for Male Population: Nova Scotia, 1961-1963

$$\log_e c = 0.075506$$

Age Group	$_n m_x$	$_n q_x$	l_x	$_n d_x$	$_n L_x$	T_x	$\overset{o}{e}_x$
Under 1		0.031453	100,000	3,145	97,373	6,855,425	68.55
1- 4	0.001189	0.004744	96,855	460	386,545	6,758,052	69.78
5- 9	0.000632	0.003154	96,395	304	481,264	6,371,507	66.10
10-14	0.000518	0.002589	96,091	248	479,873	5,890,243	61.30
15-19	0.001201	0.005987	95,843	574	477,867	5,410,370	56.45
20-24	0.001717	0.008551	95,269	815	474,432	4,932,503	51.77
25-29	0.001556	0.007749	94,454	732	470,553	4,458,071	47.20
30-34	0.001815	0.009038	93,722	847	466,623	3,987,518	42.55
35-39	0.002485	0.012352	92,875	1,147	461,681	3,520,895	37.91
40-44	0.003695	0.018318	91,728	1,680	454,690	3,059,214	33.35
45-49	0.005987	0.029521	90,048	2,659	443,977	2,604,524	28.92
50-54	0.009649	0.047170	87,389	4,122	427,207	2,160,547	24.72
55-59	0.015932	0.075363	83,267	6,275	401,430	1,733,340	20.82
60-64	0.022605	0.107232	76,992	8,256	365,229	1,331,910	17.30
65-69	0.034038	0.157272	68,736	10,810	317,588	966,681	14.06
70-74	0.047922	0.214501	57,926	12,425	259,280	649,093	11.21
75-79	0.078556	0.328166	45,501	14,932	190,078	389,813	8.57
80-84	0.119524	0.456278	30,569	13,948	116,696	199,735	6.53
85-89	0.178958	0.603162	16,621	10,009	55,926	83,039	5.00
90+	0.243889	1.000000	6,612	6,612	27,113	27,113	4.10

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Table 3F. Abridged Life Table for Female Population: Nova Scotia, 1961-1963

$\log_e c = 0.077057$

Age Group	$_n m_x$	$_n q_x$	l_x	$_n d_x$	$_n L_x$	T_x	$\overset{o}{e}_x$
Under 1		0.025993	100,000	2,599	97,782	7,437,476	74.37
1- 4	0.000996	0.003978	97,401	388	388,867	7,339,694	75.36
5- 9	0.000458	0.002287	97,013	222	484,547	6,950,827	71.65
10-14	0.000267	0.001336	96,791	129	483,654	6,466,280	66.81
15-19	0.000470	0.002349	96,662	227	482,779	5,982,626	61.89
20-24	0.000599	0.002989	96,435	288	481,501	5,499,847	57.03
25-29	0.000720	0.003593	96,147	346	479,925	5,018,346	52.19
30-34	0.000923	0.004607	95,801	441	477,973	4,538,421	47.37
35-39	0.001399	0.006971	95,360	665	475,243	4,060,448	42.58
40-44	0.001979	0.009850	94,695	933	471,290	3,585,205	37.86
45-49	0.003577	0.017737	93,762	1,663	464,909	3,113,915	33.21
50-54	0.005337	0.026356	92,099	2,427	454,791	2,649,006	28.76
55-59	0.008039	0.039449	89,672	3,537	440,025	2,194,215	24.47
60-64	0.012599	0.061171	86,135	5,269	418,207	1,754,190	20.37
65-69	0.021162	0.100730	80,866	8,146	384,913	1,335,983	16.52
70-74	0.034286	0.158340	72,720	11,514	335,840	951,070	13.08
75-79	0.055075	0.242584	61,206	14,848	269,589	615,230	10.05
80-84	0.087317	0.357810	46,358	16,587	189,967	345,641	7.46
85-89	0.159000	0.558034	29,771	16,613	104,484	155,674	5.23
90+	0.257037	1.000000	13,158	13,158	51,190	51,190	3.89

Table 4M. Abridged Life Table for Male Population: New Brunswick, 1961-1963

$$\log_e c = 0.072408$$

Age Group	$_n m_x$	$_n q_x$	l_x	$_n d_x$	$_n L_x$	T_x	$\overset{o}{e}_x$
Under 1		0.030259	100,000	3,026	97,474	6,851,966	68.52
1- 4	0.001169	0.004667	96,974	452	387,034	6,754,492	69.65
5- 9	0.000777	0.003879	96,522	375	481,727	6,367,458	65.97
10-14	0.000644	0.003214	96,147	309	480,010	5,885,731	61.22
15-19	0.001342	0.006691	95,838	641	477,682	5,405,721	56.40
20-24	0.002054	0.010220	95,197	973	473,695	4,928,039	51.77
25-29	0.001528	0.007612	94,224	717	469,433	4,454,344	47.27
30-34	0.001911	0.009510	93,507	889	465,441	3,984,911	42.62
35-39	0.002248	0.011179	92,618	1,036	460,651	3,519,470	38.00
40-44	0.003587	0.017783	91,582	1,628	454,073	3,058,819	33.40
45-49	0.005865	0.028924	89,954	2,602	443,623	2,604,746	28.96
50-54	0.008976	0.043947	87,352	3,839	427,669	2,161,123	24.74
55-59	0.013394	0.064903	83,513	5,420	404,680	1,733,454	20.76
60-64	0.024045	0.113667	78,093	8,877	369,166	1,328,774	17.02
65-69	0.034292	0.158317	69,216	10,958	319,555	959,608	13.86
70-74	0.049692	0.221469	58,258	12,902	259,644	640,053	10.99
75-79	0.074638	0.314412	45,356	14,261	191,061	380,409	8.39
80-84	0.128533	0.480907	31,095	14,954	116,343	189,348	6.09
85-89	0.209333	0.661172	16,141	10,672	50,982	73,005	4.52
90+	0.248333	1,000000	5,469	5,469	22,023	22,023	4.03

Table 4F. Abridged Life Table for Female Population: New Brunswick, 1961-1963

$\log_e c = 0.068205$

Age Group	$_n m_x$	$_n q_x$	l_x	$_n d_x$	$_n L_x$	T_x	$\overset{o}{e}_x$
Under 1		0.025466	100,000	2,547	97,935	7,408,898	74.09
1- 4	0.001042	0.004161	97,453	405	389,039	7,310,963	75.02
5- 9	0.000604	0.003014	97,048	293	484,549	6,921,924	71.32
10-14	0.000420	0.002098	96,755	203	483,299	6,437,375	66.53
15-19	0.000514	0.002566	96,552	247	482,177	5,954,076	61.67
20-24	0.000650	0.003243	96,305	313	480,787	5,471,899	56.82
25-29	0.000683	0.003408	95,992	327	479,190	4,991,112	51.99
30-34	0.001091	0.005442	95,665	520	477,098	4,511,922	47.16
35-39	0.001519	0.007565	95,145	720	474,023	4,034,824	42.41
40-44	0.002176	0.010827	94,425	1,023	469,709	3,560,801	37.71
45-49	0.003224	0.015996	93,402	1,494	463,479	3,091,092	33.09
50-54	0.005312	0.026232	91,908	2,411	453,831	2,627,613	28.59
55-59	0.007492	0.036806	89,497	3,294	439,668	2,173,782	24.29
60-64	0.012717	0.061716	86,203	5,320	418,332	1,734,114	20.12
65-69	0.020935	0.099664	80,883	8,061	385,057	1,315,782	16.27
70-74	0.036324	0.166867	72,822	12,152	334,539	930,725	12.78
75-79	0.057847	0.252968	60,670	15,347	265,314	596,186	9.83
80-84	0.094943	0.382018	45,323	17,314	182,365	330,872	7.30
85-89	0.160256	0.559799	28,009	15,680	97,838	148,507	5.30
90+	0.243333	1.000000	12,329	12,329	50,669	50,669	4.11

Table 5M. Abridged Life Table for Male Population: Quebec, 1961-1963.

$\log_e c = 0.074757$

Age Group	$_nm_x$	$_nq_x$	l_x	$_nd_x$	$_nL_x$	T_x	$\overset{o}{e}_x$
Under 1		0.034367	100,000	3,437	97,010	6,733,464	67.33
1- 4	0.001348	0.005380	96,563	519	385,265	6,636,454	68.73
5- 9	0.000789	0.003938	96,044	378	479,332	6,251,189	65.09
10-14	0.000618	0.003084	95,666	295	477,636	5,771,857	60.33
15-19	0.001110	0.005537	95,371	528	475,613	5,294,221	55.51
20-24	0.001759	0.008757	94,843	831	472,263	4,818,608	50.81
25-29	0.001535	0.007646	94,012	719	468,372	4,346,345	46.23
30-34	0.001667	0.008301	93,293	774	464,648	3,877,973	41.57
35-39	0.002431	0.012088	92,519	1,119	459,966	3,413,325	36.89
40-44	0.003730	0.018487	91,400	1,689	453,027	2,953,359	32.31
45-49	0.006133	0.030230	89,711	2,712	442,161	2,500,332	27.87
50-54	0.010005	0.048871	86,999	4,252	424,938	2,058,171	23.66
55-59	0.017063	0.081987	82,747	6,784	397,590	1,633,233	19.74
60-64	0.025951	0.122154	75,963	9,279	357,560	1,235,643	16.27
65-69	0.037718	0.172799	66,684	11,523	305,500	878,083	13.17
70-74	0.056738	0.248912	55,161	13,730	241,994	572,583	10.38
75-79	0.085366	0.351212	41,431	14,551	170,454	330,589	7.98
80-84	0.132952	0.492964	26,880	13,251	99,665	160,135	5.96
85-89	0.198810	0.641982	13,629	8,750	44,010	60,470	4.44
90+	0.296444	1.000000	4,879	4,879	16,460	16,460	3.37

Table 5F. Abridged Life Table for Female Population: Quebec, 1961-1963.

$$\log_e c = 0.076206$$

Age Group	$_n m_x$	$_n q_x$	l_x	$_n d_x$	$_n L_x$	T_x	$\overset{o}{e}_x$
Under 1		0.027571	100,000	2,757	97,649	7,283,076	72.83
1- 4	0.001090	0.004350	97,243	423	388,168	7,185,427	73.89
5- 9	0.000477	0.002384	96,820	231	483,559	6,797,259	70.21
10-14	0.000338	0.001688	96,589	163	482,564	6,313,700	65.37
15-19	0.000501	0.002504	96,426	241	481,565	5,831,136	60.47
20-24	0.000574	0.002865	96,185	276	480,278	5,349,571	55.62
25-29	0.000792	0.003955	95,909	379	478,657	4,869,293	50.77
30-34	0.000970	0.004837	95,530	462	476,566	4,390,636	45.96
35-39	0.001451	0.007232	95,068	688	473,727	3,914,070	41.17
40-44	0.002227	0.011078	94,380	1,045	469,449	3,440,343	36.45
45-49	0.003592	0.017809	93,335	1,662	462,769	2,970,894	31.83
50-54	0.005512	0.027206	91,673	2,494	452,495	2,508,125	27.36
55-59	0.009243	0.045229	89,179	4,034	436,372	2,055,630	23.05
60-64	0.015255	0.073610	85,145	6,267	410,853	1,619,258	19.02
65-69	0.023850	0.112818	78,878	8,899	373,111	1,208,405	15.32
70-74	0.039045	0.178353	69,979	12,481	319,658	835,294	11.94
75-79	0.066163	0.284199	57,498	16,341	246,979	515,636	8.97
80-84	0.112872	0.437215	41,157	17,994	159,424	268,657	6.53
85-89	0.182952	0.610628	23,163	14,144	77,308	109,233	4.72
90+	0.282500	1.000000	9,019	9,019	31,925	31,925	3.54

Table 6M. Abridged Life Table for Male Population: Ontario, 1961-1963.

$$\log_e c = 0.078551$$

Age Group	$_nm_x$	$_nq_x$	l_x	$_nd_x$	$_nL_x$	T_x	$\overset{o}{e}_x$
Under 1		0.025695	100,000	2,569	97,707	6,832,051	68.32
1- 4	0.001113	0.004442	97,431	433	388,901	6,734,344	69.12
5- 9	0.000587	0.002930	96,998	285	484,324	6,345,443	65.42
10-14	0.000510	0.002548	96,713	246	482,992	5,861,119	60.60
15-19	0.001095	0.005462	96,467	527	481,103	5,378,127	55.75
20-24	0.001592	0.007931	95,940	761	477,921	4,897,024	51.04
25-29	0.001361	0.006782	95,179	645	474,387	4,419,103	46.43
30-34	0.001463	0.007290	94,534	689	471,057	3,944,716	41.73
35-39	0.002232	0.011100	93,845	1,042	466,784	3,473,659	37.01
40-44	0.003411	0.016922	92,803	1,570	460,335	3,006,875	32.40
45-49	0.005847	0.028840	91,233	2,632	449,984	2,546,540	27.91
50-54	0.010082	0.049242	88,601	4,362	432,722	2,096,556	23.66
55-59	0.016164	0.077839	84,239	6,558	405,652	1,663,834	19.75
60-64	0.025906	0.121978	77,681	9,475	365,758	1,258,182	16.20
65-69	0.038400	0.175699	68,206	11,984	312,074	892,424	13.08
70-74	0.058685	0.256425	56,222	14,417	245,666	580,350	10.32
75-79	0.087058	0.357034	41,805	14,926	171,448	334,684	8.01
80-84	0.129916	0.485234	26,879	13,042	100,394	163,236	6.07
85-89	0.193509	0.632334	13,837	8,750	45,215	62,842	4.54
90+	0.288602	1.000000	5,087	5,087	17,627	17,627	3.46

Table 6F. Abridged Life Table for Female Population: Ontario, 1961-1963.

$\log_e c = 0.077073$

Age Group	$_n m_x$	$_n q_x$	l_x	$_n d_x$	$_n L_x$	T_x	$\overset{o}{e}_x$
Under 1		0.020099	100,000	2,010	98,220	7,462,672	74.63
1- 4	0.000828	0.003306	97,990	324	391,346	7,364,452	75.16
5- 9	0.000384	0.001917	97,666	187	487,892	6,973,106	71.40
10-14	0.000268	0.001338	97,479	131	487,090	6,485,214	66.53
15-19	0.000457	0.002285	97,348	222	486,221	5,998,124	61.61
20-24	0.000585	0.002920	97,126	284	484,967	5,511,903	56.75
25-29	0.000693	0.003459	96,842	335	483,428	5,026,936	51.91
30-34	0.000850	0.004243	96,507	409	481,579	4,543,508	47.08
35-39	0.001262	0.006293	96,098	605	479,074	4,061,929	42.27
40-44	0.002045	0.010178	95,493	972	475,188	3,582,855	37.52
45-49	0.003361	0.016674	94,521	1,576	468,909	3,107,667	32.88
50-54	0.005293	0.026141	92,945	2,429	459,016	2,638,758	28.39
55-59	0.008002	0.039270	90,516	3,555	444,203	2,179,742	24.08
60-64	0.012629	0.061315	86,961	5,332	422,191	1,735,539	19.96
65-69	0.021205	0.100926	81,629	8,238	388,508	1,313,348	16.09
70-74	0.034283	0.158330	73,391	11,620	338,939	924,840	12.60
75-79	0.059155	0.258164	61,771	15,947	269,581	585,901	9.49
80-84	0.104968	0.413743	45,824	18,960	180,618	316,320	6.90
85-89	0.166080	0.574275	26,864	15,427	92,893	135,702	5.05
90+	0.267161	1.000000	11,437	11,437	42,809	42,809	3.74

Table 7M. Abridged Life Table for Male Population: Manitoba, 1961-1963

$$\log_e c = 0.075775$$

Age Group	nm_x	nq_x	l_x	nd_x	nL_x	T_x	$\overset{o}{e}_x$
Under 1		0.028374	100,000	2,837	97,529	6,978,715	69.79
1- 4	0.001269	0.005063	97,163	492	387,715	6,881,186	70.82
5- 9	0.000569	0.002843	96,671	275	482,710	6,493,471	67.17
10-14	0.000460	0.002299	96,396	222	481,460	6,010,761	62.35
15-19	0.001041	0.005193	96,174	499	479,700	5,529,301	57.49
20-24	0.001573	0.007837	95,675	750	476,616	5,049,601	52.78
25-29	0.001474	0.007344	94,925	697	472,990	4,572,985	48.17
30-34	0.001449	0.007222	94,228	681	469,544	4,099,995	43.51
35-39	0.001868	0.009297	93,547	869	465,696	3,630,451	38.81
40-44	0.002967	0.014731	92,678	1,366	460,182	3,164,755	34.15
45-49	0.004765	0.023563	91,312	2,151	451,502	2,704,573	29.62
50-54	0.007819	0.038387	89,161	3,423	437,732	2,253,071	25.27
55-59	0.013119	0.063617	85,738	5,454	415,768	1,815,339	21.17
60-64	0.020343	0.097011	80,284	7,789	382,847	1,399,571	17.43
65-69	0.031442	0.146147	72,495	10,595	336,969	1,016,724	14.02
70-74	0.051173	0.227374	61,900	14,074	275,037	679,755	10.98
75-79	0.079101	0.330055	47,826	15,785	199,557	404,718	8.46
80-84	0.122174	0.463748	32,041	14,859	121,620	205,161	6.40
85-89	0.179649	0.603660	17,182	10,372	57,735	83,541	4.86
90+	0.263889	1.000000	6,810	6,810	25,806	25,806	3.79

Table 7F. Abridged Life Table for Female Population: Manitoba, 1961-1963

$$\log_e c = 0.077874$$

Age Group	$_n m_x$	$_n q_x$	l_x	$_n d_x$	$_n L_x$	T_x	$\overset{o}{e}_x$
Under 1		0.022147	100,000	2,215	98,179	7,519,589	75.20
1- 4	0.001119	0.004466	97,785	436	390,313	7,421,410	75.89
5- 9	0.000361	0.001806	97,349	176	486,331	7,031,097	72.23
10-14	0.000232	0.001159	97,173	113	485,601	6,544,766	67.35
15-19	0.000551	0.002751	97,060	267	484,676	6,059,165	62.43
20-24	0.000660	0.003295	96,793	319	483,219	5,574,489	57.59
25-29	0.000618	0.003086	96,474	298	481,675	5,091,270	52.77
30-34	0.000900	0.004489	96,176	431	479,872	4,609,595	47.93
35-39	0.001348	0.006719	95,745	644	477,218	4,129,723	43.13
40-44	0.001791	0.008920	95,101	848	473,521	3,652,505	38.41
45-49	0.002882	0.014311	94,253	1,349	468,105	3,178,984	33.73
50-54	0.005236	0.025862	92,904	2,402	458,878	2,710,879	29.18
55-59	0.006614	0.032564	90,502	2,947	445,578	2,252,001	24.88
60-64	0.011384	0.055428	87,555	4,853	426,313	1,806,423	20.63
65-69	0.019333	0.092418	82,702	7,644	395,332	1,380,110	16.69
70-74	0.031185	0.145054	75,058	10,887	349,132	984,778	13.12
75-79	0.051977	0.230570	64,171	14,796	284,663	635,646	9.91
80-84	0.099928	0.398305	49,375	19,666	196,806	350,983	7.11
85-89	0.153860	0.545987	29,709	16,221	105,425	154,177	5.19
90+	0.276667	1.000000	13,488	13,488	48,752	48,752	3.61

Table 8M. Abridged Life Table for Male Population: Saskatchewan, 1961-1963

$$\log_e c = 0.071386$$

Age Group	$_nm_x$	$_nq_x$	l_x	$_nd_x$	$_nL_x$	T_x	$\overset{o}{e}_x$
Under 1		0.030198	100,000	3,020	97,385	7,046,763	70.47
1- 4	0.000983	0.003924	96,980	380	387,195	6,949,378	71.66
5- 9	0.000577	0.002880	96,600	279	482,344	6,562,183	67.93
10-14	0.000500	0.002499	96,321	240	481,041	6,079,839	63.12
15-19	0.001311	0.006535	96,081	628	478,925	5,598,798	58.27
20-24	0.001667	0.008301	95,453	792	475,399	5,119,873	53.64
25-29	0.001521	0.007576	94,661	718	471,614	4,644,474	49.06
30-34	0.001547	0.007708	93,943	724	468,012	4,172,860	44.42
35-39	0.001893	0.009425	93,219	878	464,026	3,704,848	39.74
40-44	0.002643	0.013135	92,341	1,213	458,845	3,240,822	35.10
45-49	0.004945	0.024438	91,128	2,227	450,380	2,781,977	30.53
50-54	0.007181	0.035303	88,901	3,139	437,077	2,331,597	26.23
55-59	0.011585	0.056373	85,762	4,834	417,328	1,894,520	22.09
60-64	0.017758	0.085176	80,928	6,893	388,175	1,477,192	18.25
65-69	0.027838	0.130441	74,035	9,658	346,906	1,089,017	14.71
70-74	0.044807	0.201917	64,377	12,998	290,110	742,111	11.53
75-79	0.071429	0.303029	51,379	15,570	217,969	452,001	8.80
80-84	0.113273	0.438000	35,809	15,684	138,467	234,032	6.54
85-89	0.167936	0.577649	20,125	11,625	69,223	95,565	4.75
90+	0.322667	1.000000	8,500	8,500	26,342	26,342	3.10

Table 8F. Abridged Life Table for Female Population: Saskatchewan, 1961-1963

$\log_e c = 0.078734$

Age Group	$_n m_x$	$_n q_x$	l_x	$_n d_x$	$_n L_x$	T_x	$\overset{o}{e}_x$
Under 1		0.022063	100,000	2,206	98,134	7,623,407	76.23
1- 4	0.000874	0.003492	97,794	342	390,527	7,525,273	76.95
5- 9	0.000453	0.002265	97,452	220	486,746	7,134,746	73.21
10-14	0.000197	0.000984	97,232	96	485,934	6,648,000	68.37
15-19	0.000560	0.002797	97,136	272	485,045	6,162,066	63.44
20-24	0.000542	0.002706	96,864	262	483,708	5,677,021	58.61
25-29	0.000541	0.002699	96,602	261	482,402	5,193,313	53.76
30-34	0.000867	0.004326	96,341	416	480,732	4,710,911	48.90
35-39	0.001166	0.005812	95,925	558	478,320	4,230,179	44.10
40-44	0.001756	0.008742	95,367	834	474,885	3,751,859	39.34
45-49	0.002855	0.014182	94,533	1,340	469,528	3,276,974	34.66
50-54	0.004132	0.020462	93,193	1,907	461,493	2,807,446	30.13
55-59	0.005867	0.028935	91,286	2,641	450,227	2,345,953	25.70
60-64	0.010091	0.049284	88,645	4,369	432,925	1,895,726	21.39
65-69	0.016822	0.080883	84,276	6,817	405,217	1,462,801	17.36
70-74	0.027500	0.129009	77,459	9,993	363,380	1,057,584	13.65
75-79	0.051625	0.229211	67,466	15,464	299,545	694,204	10.29
80-84	0.087704	0.359177	52,002	18,678	212,968	394,659	7.59
85-89	0.144630	0.523478	33,324	17,444	120,615	181,691	5.45
90+	0.260000	1.000000	15,880	15,880	61,076	61,076	3.85

Table 9M. Abridged Life Table for Male Population: Alberta, 1961-1963

$\log_e c = 0.074282$

Age Group	$_n m_x$	$_n q_x$	l_x	$_n d_x$	$_n L_x$	T_x	$\overset{o}{e}_x$
Under 1		0.028790	100,000	2,879	97,511	6,965,178	69.65
1- 4	0.001200	0.004788	97,121	465	387,600	6,867,667	70.71
5- 9	0.000474	0.002370	96,656	229	482,743	6,480,067	67.04
10-14	0.000493	0.002463	96,427	237	481,578	5,997,324	62.20
15-19	0.001042	0.005200	96,190	501	479,773	5,515,746	57.34
20-24	0.001975	0.009828	95,689	940	476,238	5,035,973	52.63
25-29	0.001595	0.007947	94,749	753	471,976	4,559,735	48.12
30-34	0.001728	0.008607	93,996	809	468,079	4,087,759	43.49
35-39	0.001975	0.009828	93,187	916	463,783	3,619,680	38.84
40-44	0.003160	0.015683	92,271	1,447	457,952	3,155,897	34.20
45-49	0.005107	0.025231	90,824	2,292	448,721	2,697,945	29.71
50-54	0.008349	0.040938	88,532	3,624	434,099	2,249,224	25.41
55-59	0.012776	0.062000	84,908	5,264	412,054	1,815,125	21.38
60-64	0.020228	0.096482	79,644	7,684	379,873	1,403,071	17.62
65-69	0.030833	0.143505	71,960	10,327	334,916	1,023,198	14.22
70-74	0.048794	0.217948	61,633	13,433	275,296	688,282	11.17
75-79	0.077064	0.322956	48,200	15,566	201,995	412,986	8.57
80-84	0.121394	0.461434	32,634	15,059	124,044	210,991	6.47
85-89	0.171905	0.586816	17,575	10,313	59,996	86,947	4.95
90+	0.269444	1.000000	7,262	7,262	26,951	26,951	3.71

Table 9F. Abridged Life Table for Female Population: Alberta, 1961-1963

$$\log_e c = 0.076139$$

Age Group	$_n m_x$	$_n q_x$	l_x	$_n d_x$	$_n L_x$	T_x	$\overset{o}{e}_x$
Under 1		0.021552	100,000	2,155	98,144	7,578,593	75.79
1- 4	0.000773	0.003087	97,845	302	390,805	7,480,449	76.45
5- 9	0.000337	0.001684	97,543	165	487,330	7,089,644	72.68
10-14	0.000234	0.001169	97,378	113	486,626	6,602,314	67.80
15-19	0.000591	0.002952	97,265	287	485,650	6,115,688	62.88
20-24	0.000702	0.003503	96,978	340	484,092	5,630,038	58.06
25-29	0.000547	0.002732	96,638	264	482,571	5,145,946	53.25
30-34	0.000722	0.003606	96,374	348	481,055	4,663,375	48.39
35-39	0.001183	0.005890	96,026	566	478,803	4,182,320	43.55
40-44	0.001971	0.009809	95,460	937	475,102	3,703,517	38.80
45-49	0.002805	0.013931	94,523	1,316	469,526	3,228,415	34.15
50-54	0.004213	0.020858	93,207	1,945	461,464	2,758,889	29.60
55-59	0.007014	0.034502	91,262	3,148	448,894	2,297,425	25.17
60-64	0.010525	0.051350	88,114	4,525	429,875	1,848,531	20.98
65-69	0.017785	0.085317	83,589	7,132	400,983	1,418,656	16.97
70-74	0.030873	0.143693	76,457	10,986	355,858	1,017,673	13.31
75-79	0.053071	0.234802	65,471	15,373	289,663	661,815	10.11
80-84	0.092270	0.373932	50,098	18,733	203,028	372,152	7.43
85-89	0.155965	0.551782	31,365	17,275	110,764	169,124	5.39
90+	0.241429	1.000000	14,090	14,090	58,360	58,360	4.14

Table 10M. Abridged Life Table for Male Population: British Columbia, 1961-1963

$$\log_e c = 0.077353$$

Age Group	$_n m_x$	$_n q_x$	l_x	$_n d_x$	$_n L_x$	T_x	$\overset{o}{e}_x$
Under 1		0.026962	100,000	2,696	97,689	6,903,347	69.03
1- 4	0.001206	0.004814	97,304	469	388,325	6,805,658	69.94
5- 9	0.000561	0.002802	96,835	271	483,542	6,417,333	66.27
10-14	0.000467	0.002331	96,564	225	482,294	5,933,791	61.45
15-19	0.001192	0.005945	96,339	573	480,353	5,451,497	56.59
20-24	0.001985	0.009879	95,766	946	476,614	4,971,144	51.91
25-29	0.001885	0.009382	94,820	889	472,017	4,494,530	47.40
30-34	0.001867	0.009293	93,931	873	467,608	4,022,513	42.82
35-39	0.002369	0.011777	93,058	1,096	462,719	3,554,905	38.20
40-44	0.003396	0.016847	91,962	1,550	456,174	3,092,186	33.62
45-49	0.005558	0.027430	90,412	2,480	446,233	2,636,012	29.16
50-54	0.009150	0.044783	87,932	3,938	430,376	2,189,779	24.90
55-59	0.014176	0.068576	83,994	5,760	406,331	1,759,403	20.95
60-64	0.022321	0.105962	78,234	8,289	371,398	1,353,072	17.30
65-69	0.033780	0.156191	69,945	10,925	323,403	981,674	14.04
70-74	0.050796	0.225923	59,020	13,334	262,502	658,271	11.15
75-79	0.077823	0.325720	45,686	14,881	191,213	395,769	8.66
80-84	0.112830	0.437186	30,805	13,467	119,361	204,556	6.64
85-89	0.172500	0.588559	17,338	10,205	59,155	85,195	4.91
90+	0.273939	1.000000	7,133	7,133	26,040	26,040	3.65

Table 10F. Abridged Life Table for Female Population: British Columbia, 1961-1963

$\log_e c = 0.076715$

Age Group	$_n m_x$	$_n q_x$	l_x	$_n d_x$	$_n L_x$	T_x	$\overset{o}{e}_x$
Under 1		0.020071	100,000	2,007	98,256	7,558,561	75.59
1- 4	0.000956	0.003818	97,993	374	391,262	7,460,305	76.13
5- 9	0.000395	0.001974	97,619	193	487,643	7,069,043	72.41
10-14	0.000256	0.001280	97,426	125	486,838	6,581,400	67.55
15-19	0.000604	0.003016	97,301	293	485,820	6,094,562	62.64
20-24	0.000637	0.003178	97,008	308	484,318	5,608,742	57.82
25-29	0.000665	0.003321	96,700	321	482,747	5,124,424	52.99
30-34	0.000940	0.004689	96,379	452	480,834	4,641,677	48.16
35-39	0.001345	0.006702	95,927	643	478,127	4,160,843	43.38
40-44	0.001848	0.009200	95,284	877	474,364	3,682,716	38.65
45-49	0.003250	0.016126	94,407	1,522	468,463	3,208,352	33.98
50-54	0.004798	0.023723	92,885	2,204	459,245	2,739,889	29.50
55-59	0.007209	0.035441	90,681	3,214	445,837	2,280,644	25.15
60-64	0.011864	0.057700	87,467	5,047	425,401	1,834,807	20.98
65-69	0.018164	0.087060	82,420	7,175	395,039	1,409,406	17.10
70-74	0.029241	0.136611	75,245	10,279	351,543	1,014,367	13.48
75-79	0.051648	0.229257	64,966	14,894	288,372	6,628,236	10.20
80-84	0.088845	0.362822	50,072	18,167	204,482	374,452	7.48
85-89	0.148651	0.533217	31,905	17,012	114,443	169,970	5.33
90+	0.268205	1.000000	14,893	14,893	55,527	55,527	3.73